LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021279.D
Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.016	3	5	12	rVB	2979300	3340830	3.53%	0.667%
2	4.404	237	241	247	rVB	392998	521356	0.55%	0.104%
3	6.275	554	559	566	rVB	302089	454497	0.48%	0.091%
4	6.434	580	586	595	rVB	1640399	2555674	2.70%	0.510%
5	6.857	653	658	664	rVB	261755	373876	0.40%	0.075%
6	6.934	664	671	681	rBV	1133154	1929084	2.04%	0.385%
7	7.057	686	692	695	rVV	360978	560713	0.59%	0.112%
8	7.098	695	699	705	rVV	826326	1292352	1.37%	0.258%
9	7.186	709	714	726	rVB	657452	1192276	1.26%	0.238%
10	7.292	726	732	742	rVB	1195502	1857616	1.96%	0.371%
11	7.757	804	811	827	rVB	1279058	2026420	2.14%	0.404%
12	8.469	926	932	940	rVB	1397840	2298992	2.43%	0.459%
13	8.922	1002	1009	1019	rVV	1125844	1919924	2.03%	0.383%
14	9.286	1064	1071	1074	rBV	195682	308540	0.33%	0.062%
15	9.633	1122	1130	1145	rBV	979523	1686667	1.78%	0.337%
16	9.851	1163	1167	1178	rVB6	231017	531943	0.56%	0.106%
17	10.169	1213	1221	1229	rBV	1688749	2890623	3.06%	0.577%
18	10.404	1255	1261	1266	rVV	503211	811698	0.86%	0.162%
19	10.545	1278	1285	1291	rVV	1704483	2872515	3.04%	0.573%
20	10.692	1305	1310	1318	rVB	192081	397562	0.42%	0.079%
21	13.145	1719	1727	1735	rBV3	127973	300216	0.32%	0.060%
22	13.263	1742	1747	1754	rBV2	394610	660326	0.70%	0.132%
23	13.657	1807	1814	1818	rBV2	258267	410272	0.43%	0.082%
24	13.710	1818	1823	1831	rVV	983727	1486910	1.57%	0.297%
25	13.815	1831	1841	1845	rVV	3007345	4302722	4.55%	0.858%
26	13.863	1845	1849	1854	rVV	659923	877364	0.93%	0.175%
27	14.092	1882	1888	1895	rBV	3331639	4971044	5.25%	0.992%
28	14.233	1905	1912	1916	rBV	281034	408939	0.43%	0.082%
29	14.351	1926	1932	1936	rBV	963596	1370580	1.45%	0.273%
30	14.404	1936	1941	1946	rVB2	2463721	3763729	3.98%	0.751%
31	14.457	1946	1950	1954	rBV	404992	625667	0.66%	0.125%
32	14.639	1971	1981	1990	rBV3	1804692	3721014	3.93%	0.742%
33	14.821	2008	2012	2016	rBV	396964	539266	0.57%	0.108%
34	15.286	2086	2091	2092	rBV	391145	499168	0.53%	0.100%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021279.D
Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Title : SVOA CALIBRATION

35	15.309	2092	2095	2099	rVB	667007	848762	0.90%	0.169%
36	15.398	2103	2110	2116	rVB	4529251	6464434	6.83%	1.290%
37	15.527	2127	2132	2140	rBV	659846	976208	1.03%	0.195%
38	15.839	2178	2185	2186	rBV3	245370	344652	0.36%	0.069%
39	15.968	2200	2207	2213	rVB	660620	941473	1.00%	0.188%
40	16.256	2251	2256	2261	rVV4	277449	533319	0.56%	0.106%
41	16.556	2302	2307	2311	rBV	1152629	1557661	1.65%	0.311%
42	16.656	2319	2324	2334	rVB	788055	1148435	1.21%	0.229%
43	16.804	2345	2349	2358	rVB2	525729	797492	0.84%	0.159%
44	16.903	2361	2366	2370	rBV3	201395	433153	0.46%	0.086%
45	16.974	2373	2378	2384	rVB2	415243	811613	0.86%	0.162%
46	17.056	2386	2392	2398	rBV	1525239	2252806	2.38%	0.449%
47	17.115	2398	2402	2404	rVV	914611	1151285	1.22%	0.230%
48	17.151	2404	2408	2412	rVV2	3015078	4518076	4.78%	0.901%
49	17.186	2412	2414	2419	rVV	799126	1225736	1.30%	0.245%
50	17.251	2419	2425	2431	rVV	4008268	6316946	6.68%	1.260%
51	17.315	2431	2436	2446	rVV2	4379230	6862664	7.25%	1.369%
52	17.398	2447	2450	2459	rVB6	183735	404795	0.43%	0.081%
53	17.668	2492	2496	2501	rVB3	278502	395095	0.42%	0.079%
54	17.792	2511	2517	2524	rBV3	475727	1049817	1.11%	0.209%
55	17.945	2534	2543	2549	rBV	6476083	12209855	12.91%	2.436%
56	18.003	2549	2553	2558	rVV	4805959	6635925	7.01%	1.324%
57	18.080	2558	2566	2575	rVV	14281946	26806309	28.33%	5.349%
58	18.315	2601	2606	2609	rBV	2295392	2818250	2.98%	0.562%
59	18.350	2609	2612	2617	rVB2	514689	802978	0.85%	0.160%
60	18.480	2631	2634	2640	rVB	566981	741945	0.78%	0.148%
61	18.539	2641	2644	2648	rBV3	306694	351104	0.37%	0.070%
62	18.662	2660	2665	2671	rVB2	1406966	2060186	2.18%	0.411%
63	18.715	2671	2674	2679	rBV3	444179	659689	0.70%	0.132%
64	18.768	2680	2683	2687	rVB3	219767	315451	0.33%	0.063%
65	18.986	2713	2720	2727	rBV4	565412	1436016	1.52%	0.287%
66	19.062	2728	2733	2738	rBV	2341669	3029420	3.20%	0.604%
67	19.115	2739	2742	2748	rVB3	257816	379835	0.40%	0.076%
68	19.239	2750	2763	2776	rBV4	14877973	46831106	49.50%	9.344%
69	19.339	2776	2780	2790	rVB	4159638	5750117	6.08%	1.147%
70	19.544	2810	2815	2819	rBV	4182409	6363915	6.73%	1.270%
71	19.774	2851	2854	2861	rVB5	652599	902297	0.95%	0.180%

LSC Area Percent Report

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Data File : BM021279.D
Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Title : SVOA CALIBRATION

72	19.844	2863	2866	2871	rVB2	272318	332781	0.35%	0.066%
73	20.021	2892	2896	2900	rBV	5232184	6552386	6.93%	1.307%
74	20.227	2926	2931	2941	rVB4	2398096	3558832	3.76%	0.710%
75	20.344	2948	2951	2953	rBV3	535281	664236	0.70%	0.133%
76	20.433	2964	2966	2975	rVB6	967221	1466741	1.55%	0.293%
77	20.521	2977	2981	2982	rBV	956474	1131612	1.20%	0.226%
78	20.603	2982	2995	3007	rVV	34649357	94610758	100.00%	18.877%
79	20.874	3038	3041	3043	rBV	547961	666438	0.70%	0.133%
80	20.927	3046	3050	3057	rVB2	2665020	3672338	3.88%	0.733%
81	21.039	3065	3069	3079	rVB2	5045592	6870452	7.26%	1.371%
82	21.203	3094	3097	3102	rBV	1293370	1716886	1.81%	0.343%
83	21.339	3115	3120	3124	rBV2	3188182	4995371	5.28%	0.997%
84	21.697	3177	3181	3186	rVB	1301296	1721334	1.82%	0.343%
85	21.938	3215	3222	3231	rVB2	2742135	4446319	4.70%	0.887%
86	22.433	3302	3306	3311	rVB	1099422	1578027	1.67%	0.315%
87	22.621	3333	3338	3356	rVB	5717784	8401734	8.88%	1.676%
88	22.897	3380	3385	3388	rBV	2023502	3206568	3.39%	0.640%
89	22.950	3388	3394	3404	rVB2	11836036	20052466	21.19%	4.001%
90	23.468	3477	3482	3487	rBV	3072959	5719258	6.05%	1.141%
91	23.609	3502	3506	3513	rVB	1926053	3419989	3.61%	0.682%
92	23.791	3533	3537	3546	rVB	1365476	2489919	2.63%	0.497%
93	24.127	3588	3594	3601	rVB	3000079	6086883	6.43%	1.214%
94	24.227	3602	3611	3624	rVB	19428289	43086396	45.54%	8.597%
95	24.885	3717	3723	3732	rVB3	1696066	3908624	4.13%	0.780%
96	25.344	3796	3801	3813	rVB	1355055	3152367	3.33%	0.629%
97	25.762	3867	3872	3878	rBV	1179002	2814409	2.97%	0.562%
98	26.068	3917	3924	3942	rVB5	2088182	8465960	8.95%	1.689%
99	26.703	4022	4032	4043	rVB2	7888940	23895214	25.26%	4.768%
100	28.297	4292	4303	4319	rVB3	5602425	21617261	22.85%	4.313%

Sum of corrected areas: 501190754

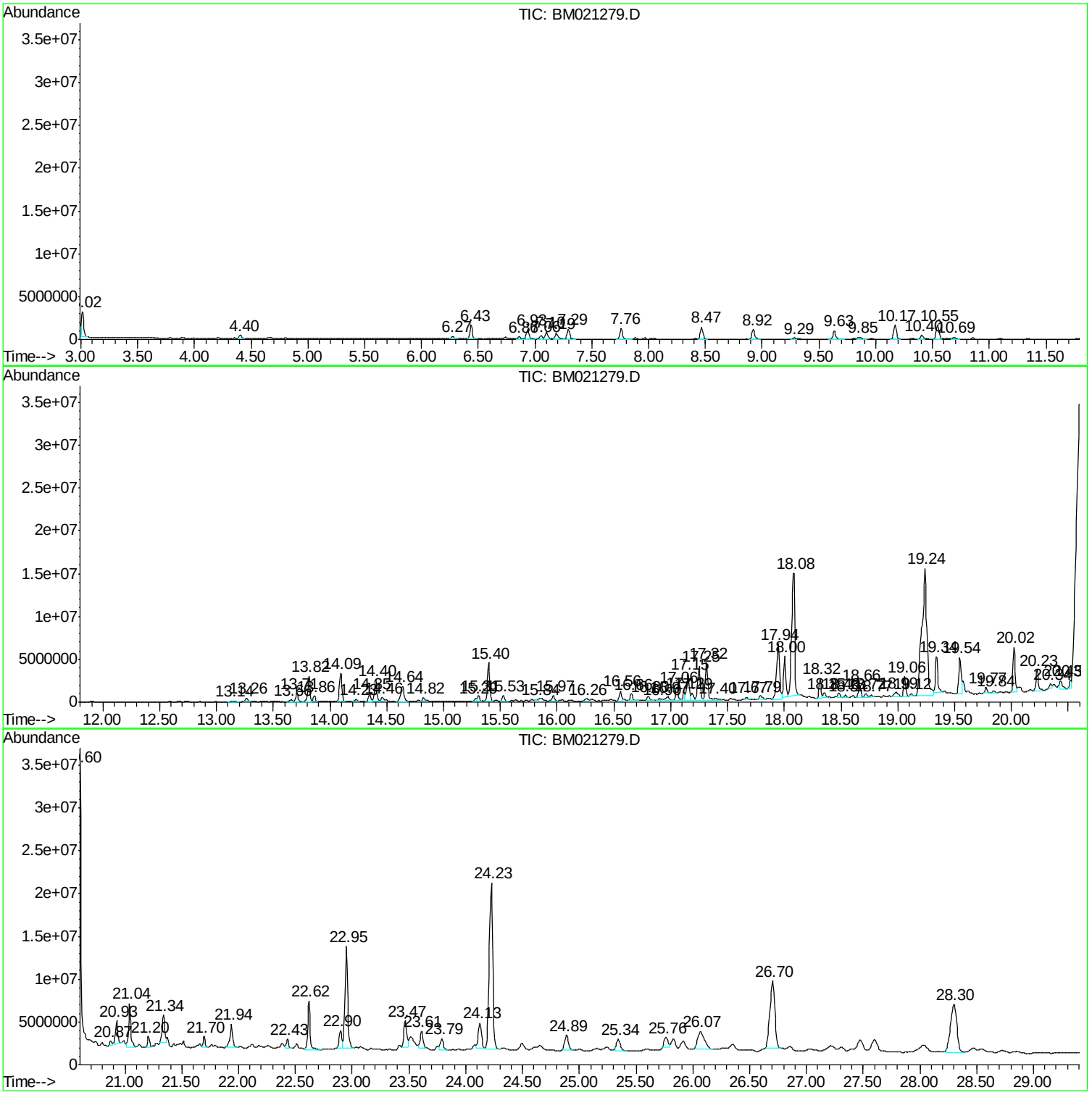
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021279.D
Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021279.D
Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

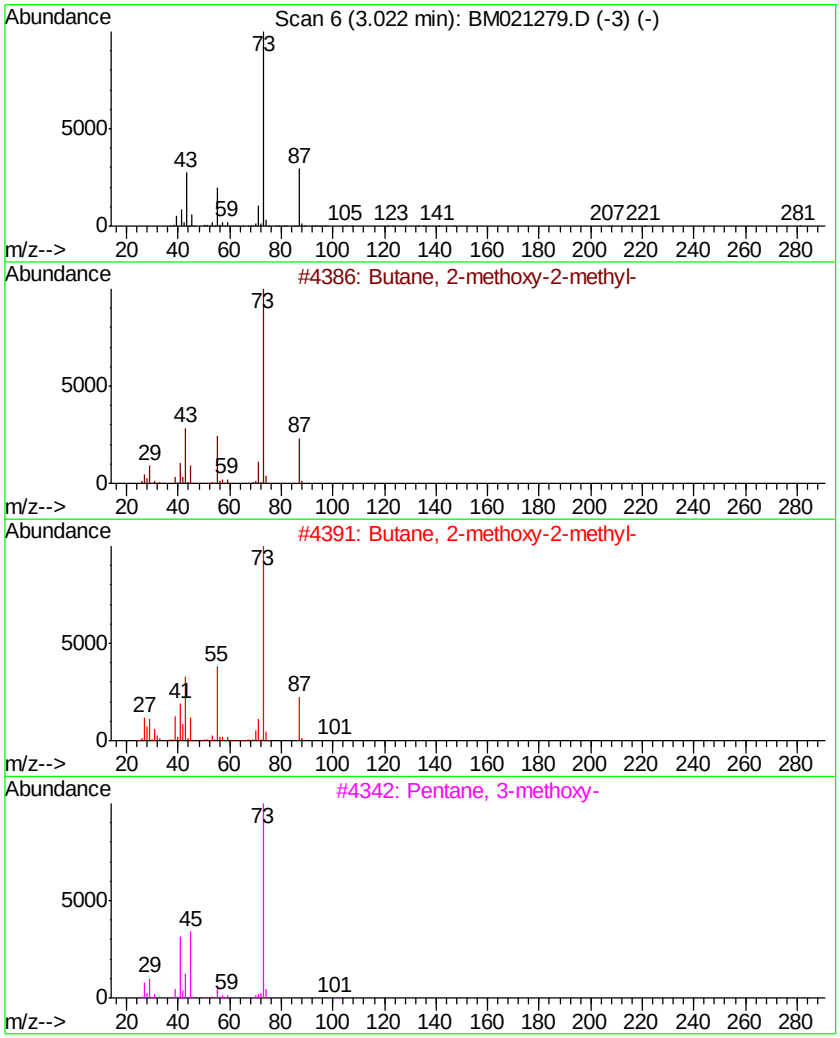
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

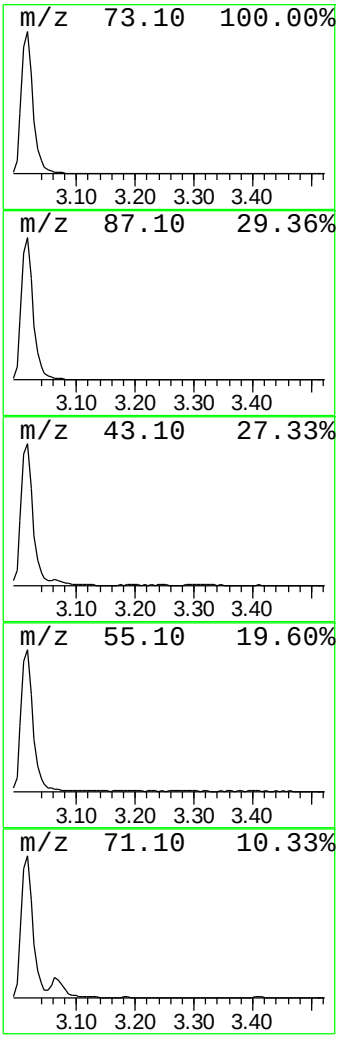
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	32.97 ng/ul	3340830	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021279.D
Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

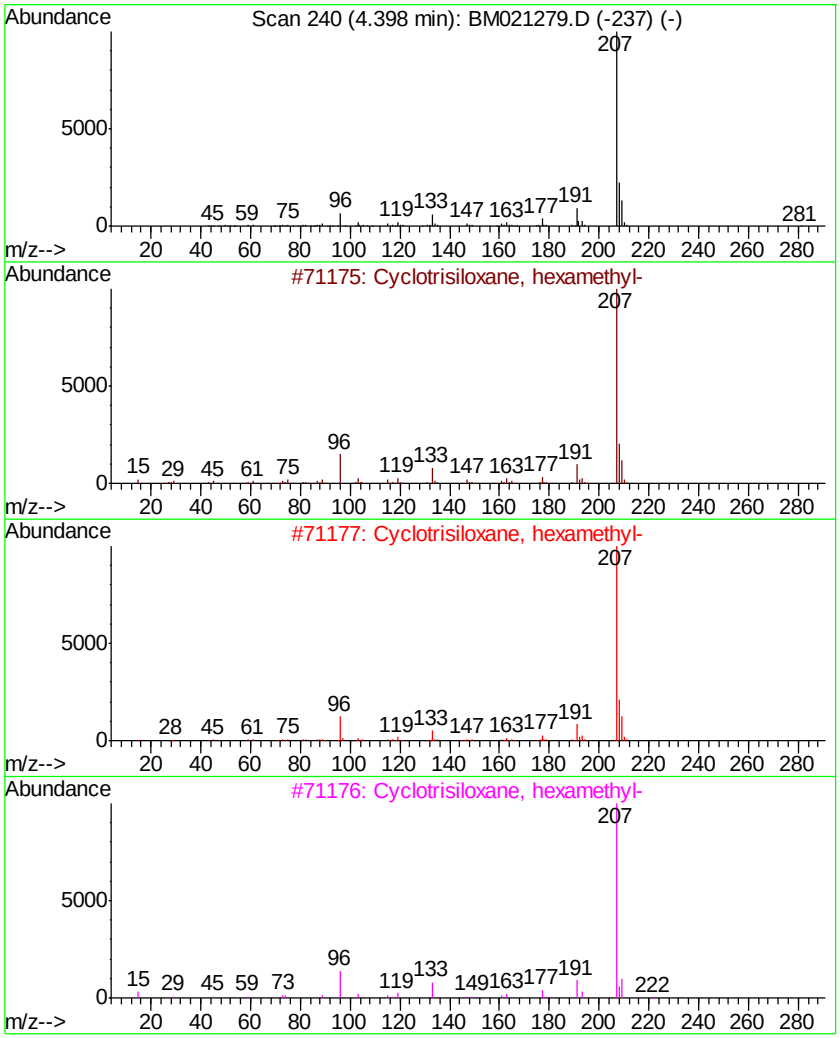
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

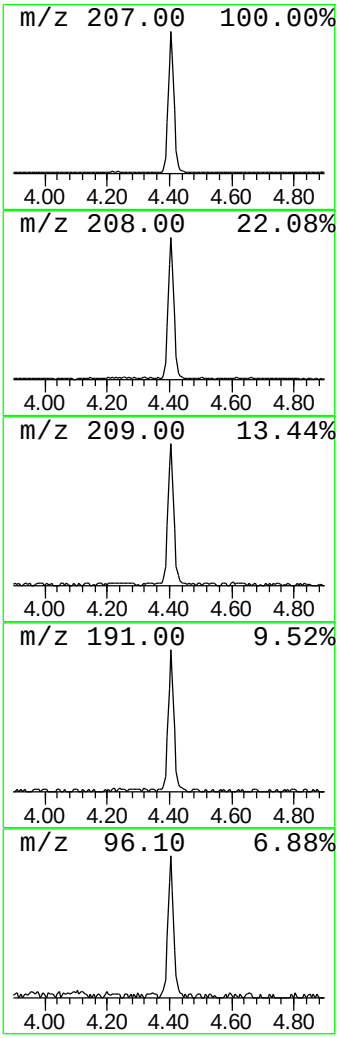
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	5.15 ng/ul	521356	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	43
4	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39
5	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	39





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021279.D
Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

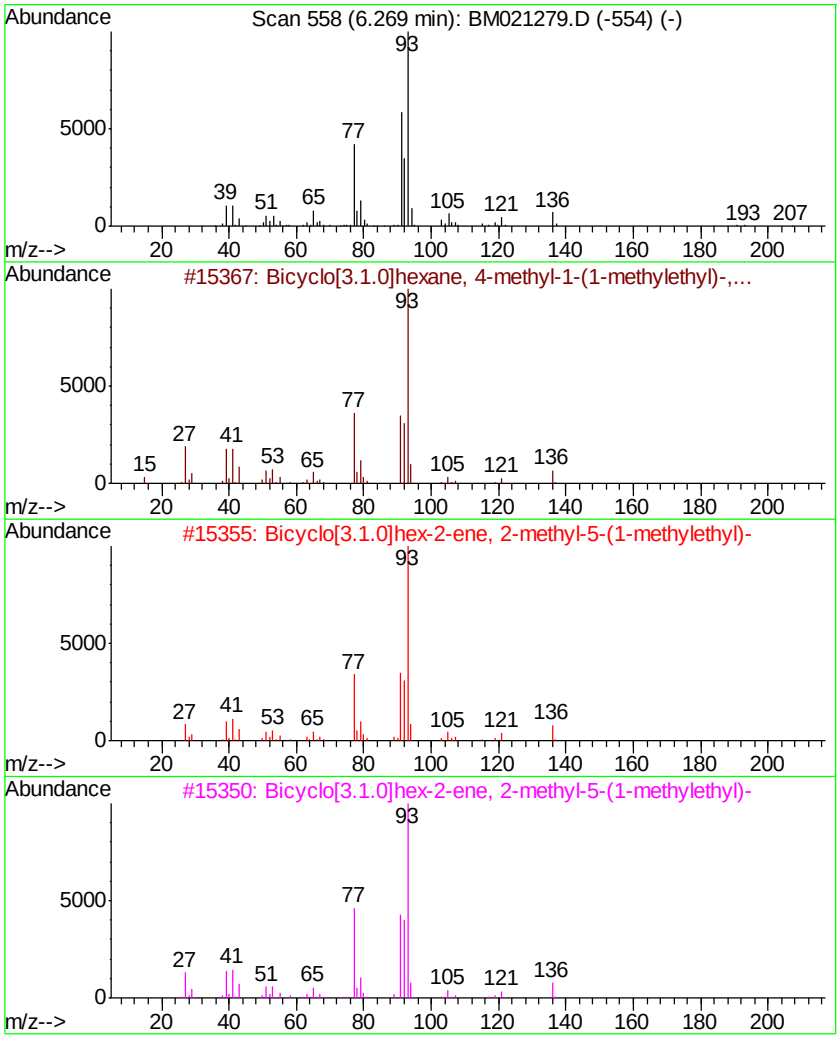
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

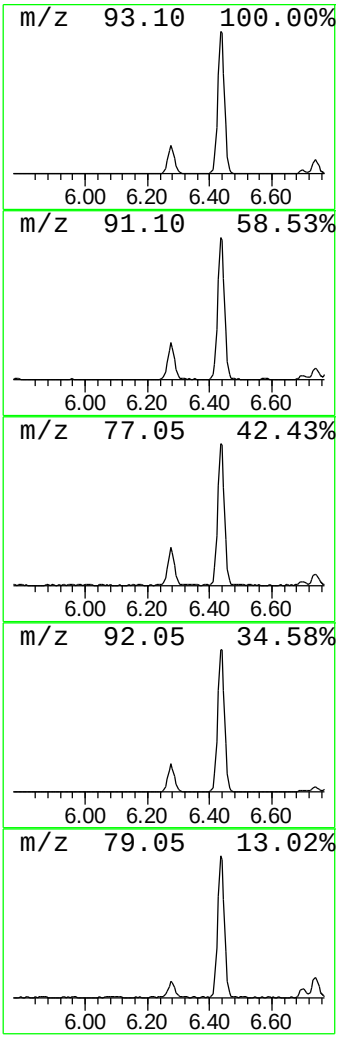
****

Peak Number 3 Bicyclo[3.1.0]hexane, 4-met... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	4.49 ng/ul	454497	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hexane, 4-methyl-1...	136	C10H16	058037-87-9	94
2	Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	91
3	Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	91
4	Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	91
5	.alpha.-Phellandrene	136	C10H16	000099-83-2	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021279.D
Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

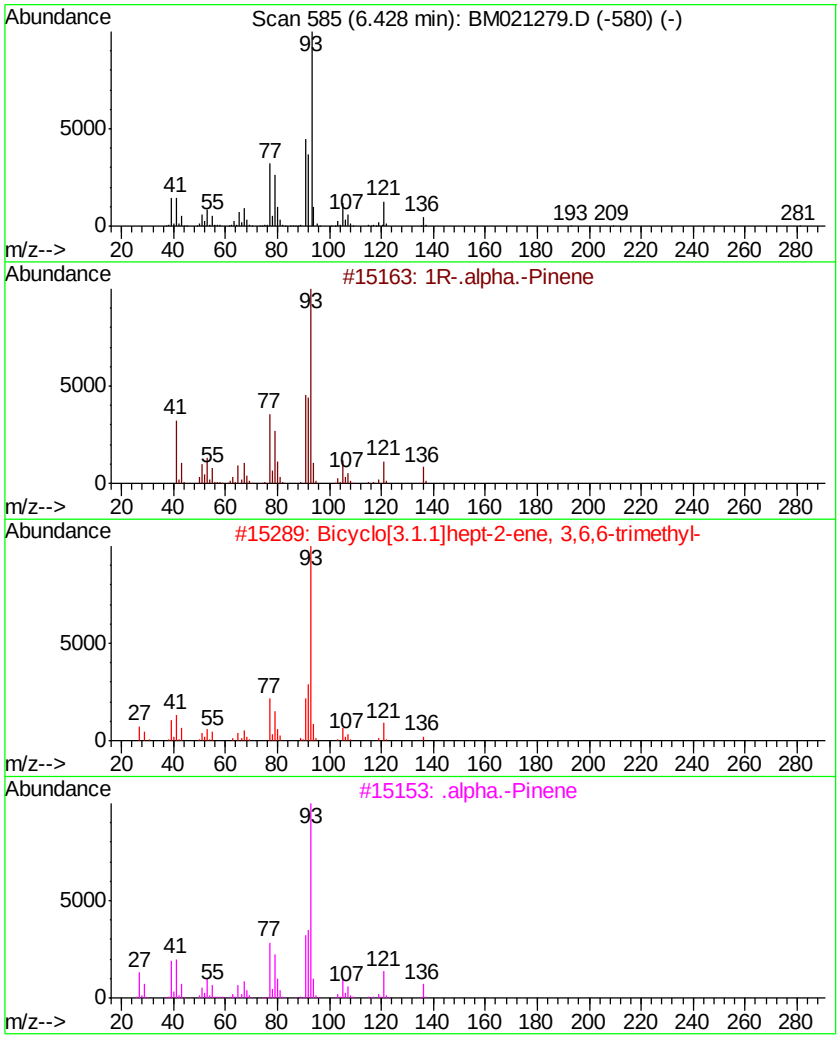
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

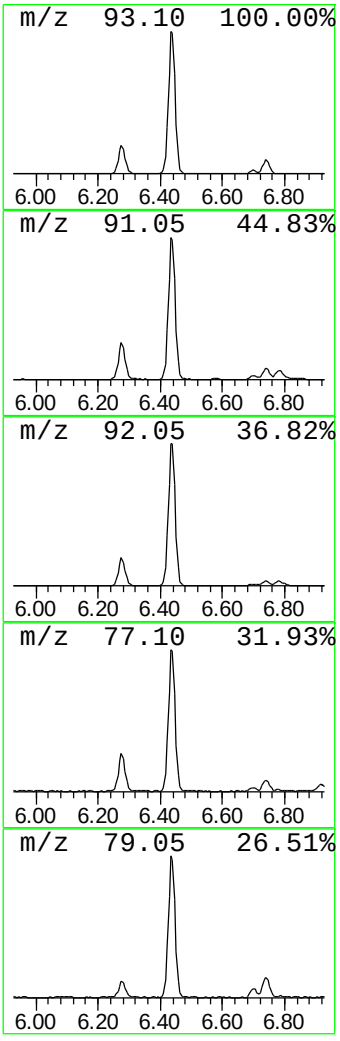
****

Peak Number 4 1R-.alpha.-Pinene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	25.22 ng/ul	2555670	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1R-.alpha.-Pinene	136	C10H16	007785-70-8	95
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
3	.alpha.-Pinene	136	C10H16	000080-56-8	94
4	1,4-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-85-4	91
5	1S-.alpha.-Pinene	136	C10H16	007785-26-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021279.D
Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

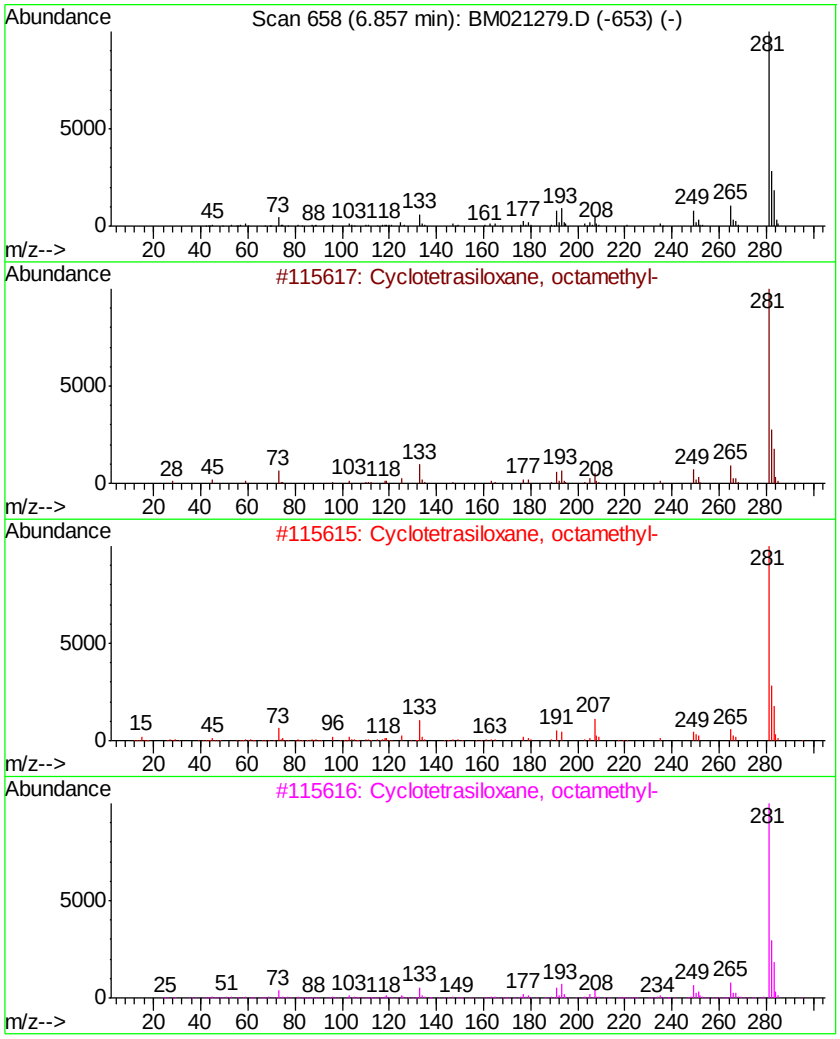
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

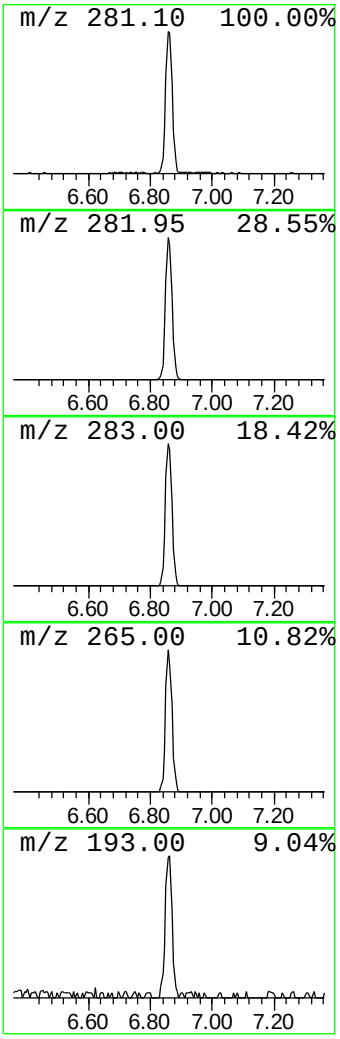
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclotetrasiloxane, octamet... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	3.69 ng/ul	373876	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	90
3	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	87
4	7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	50
5	trans-4-(2-(5-Nitro-2-furyl)viny...	281	C15H11N3O3	000847-10-9	50





Library Search Compound Report

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Data File : BM021279.D
Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

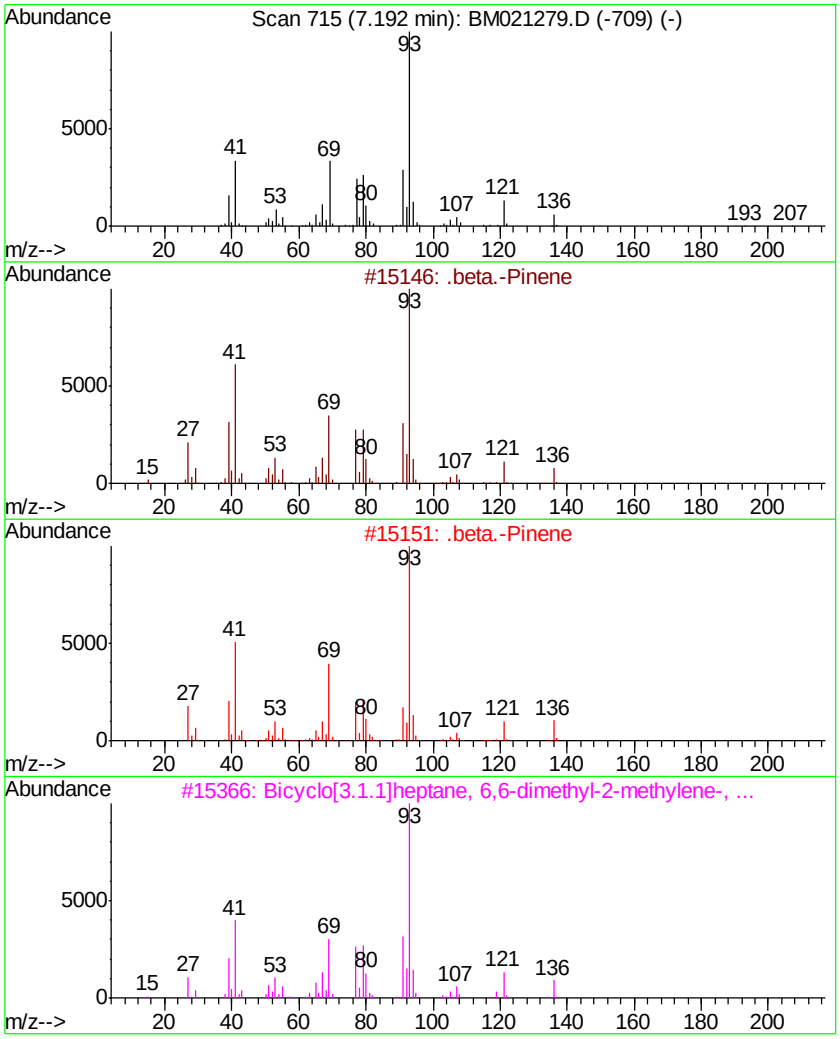
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

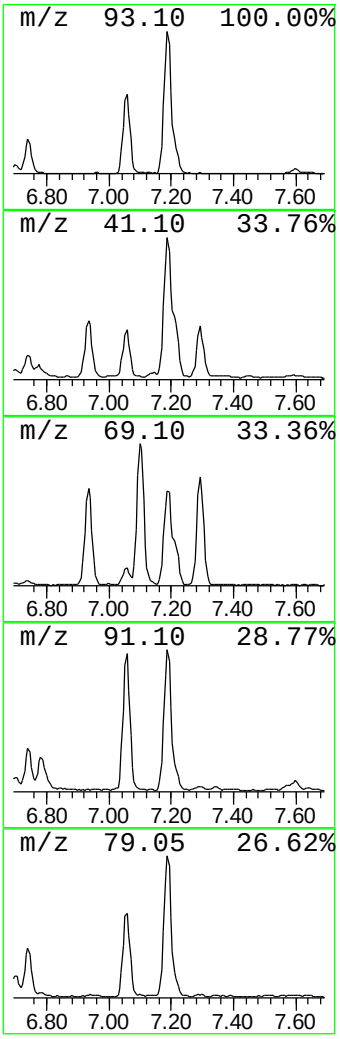
****

Peak Number 6 .beta.-Pinene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	11.77 ng/ul	1192280	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	96
2	.beta.-Pinene	136	C10H16	000127-91-3	91
3	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
4	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91





Library Search Compound Report

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Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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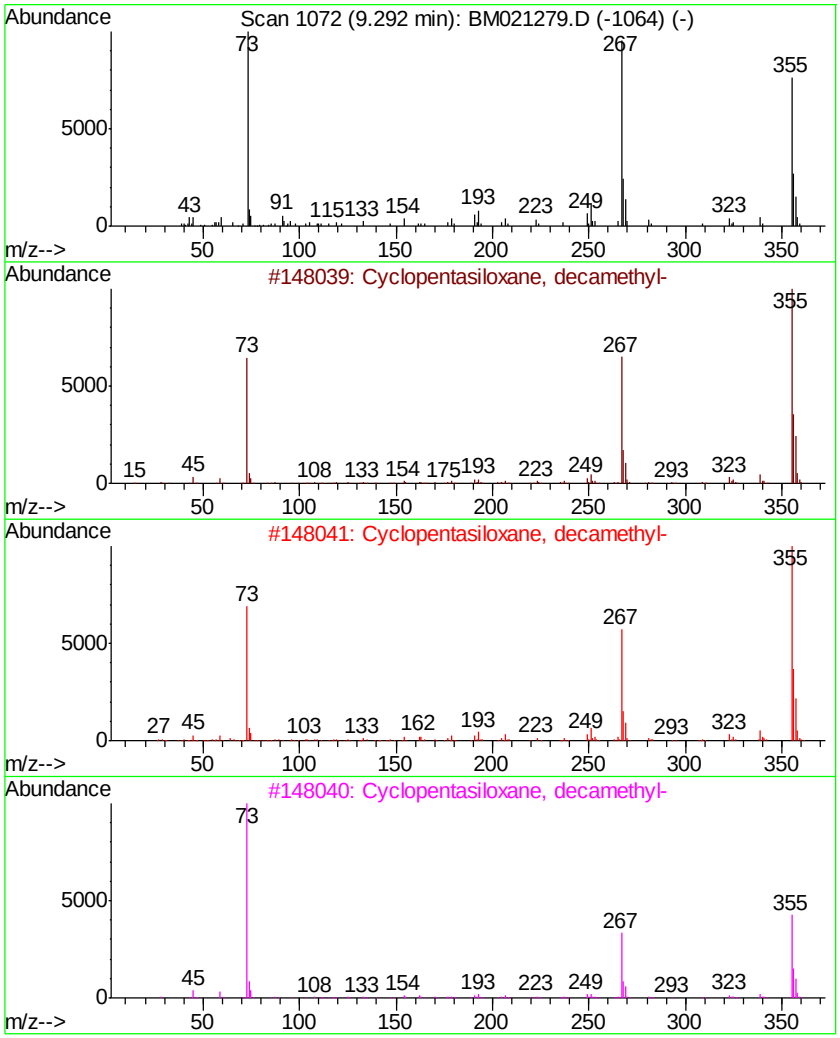
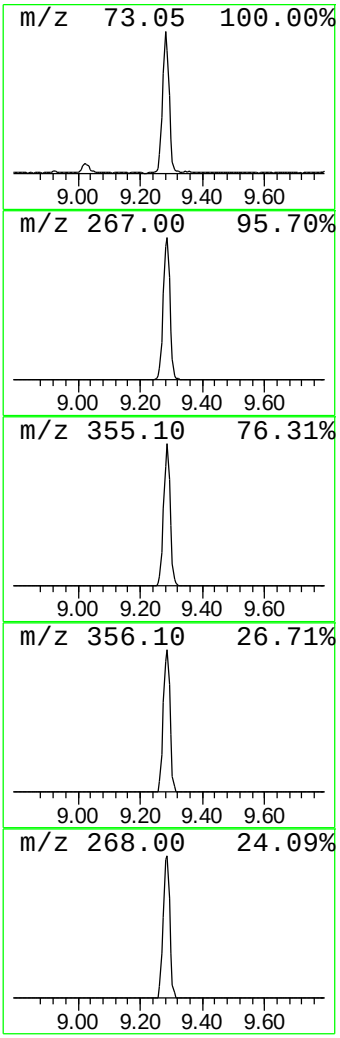
Peak Number 7 Cyclopentasiloxane, decamet... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	2.15 ng/ul	308540	Naphthalene-d8	10.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	52
3	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	52
4	Silanamine, 1,1,1-trimethyl-N-[2...	369	C17H35NO2Si3	068595-60-8	47
5	p-Trimethylsilyloxyphenyl-(trime...	398	C18H34O4Si3	1000079-05-1	47





Library Search Compound Report

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Data File : BM021279.D
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Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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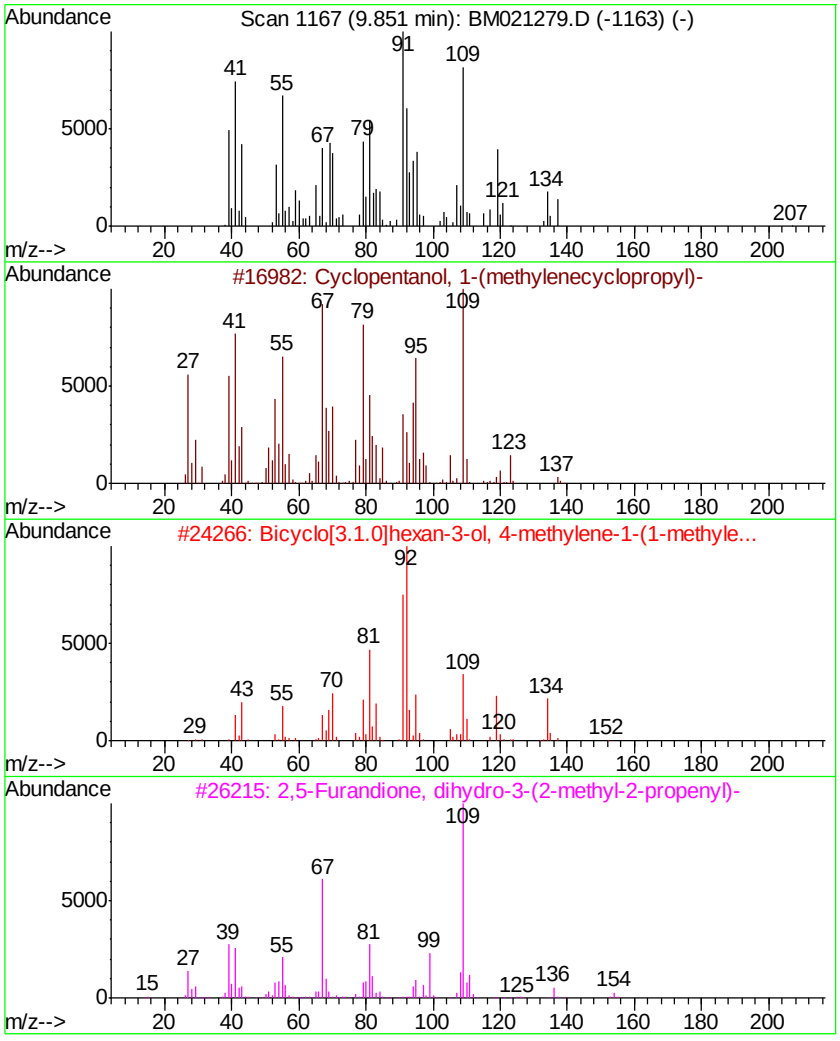
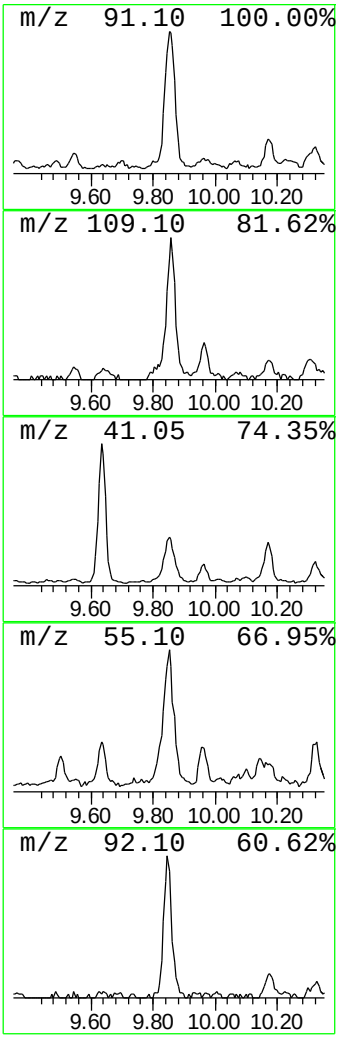
Peak Number 8 unknown-01 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	3.70 ng/ul	531943	Naphthalene-d8	10.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 1-(methylenecyclo...	138	C9H14O	086951-58-8	40
2	Bicyclo[3.1.0]hexan-3-ol, 4-meth...	152	C10H16O	000471-16-9	27
3	2,5-Furandione, dihydro-3-(2-met...	154	C8H10O3	018908-20-8	22
4	6-Methyl-3,5-heptadiene-2-one	124	C8H12O	001604-28-0	22
5	Bicyclo[4.2.0]oct-1-ene, 7-endo-...	134	C10H14	1000142-18-3	14





Library Search Compound Report

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Data File : BM021279.D
Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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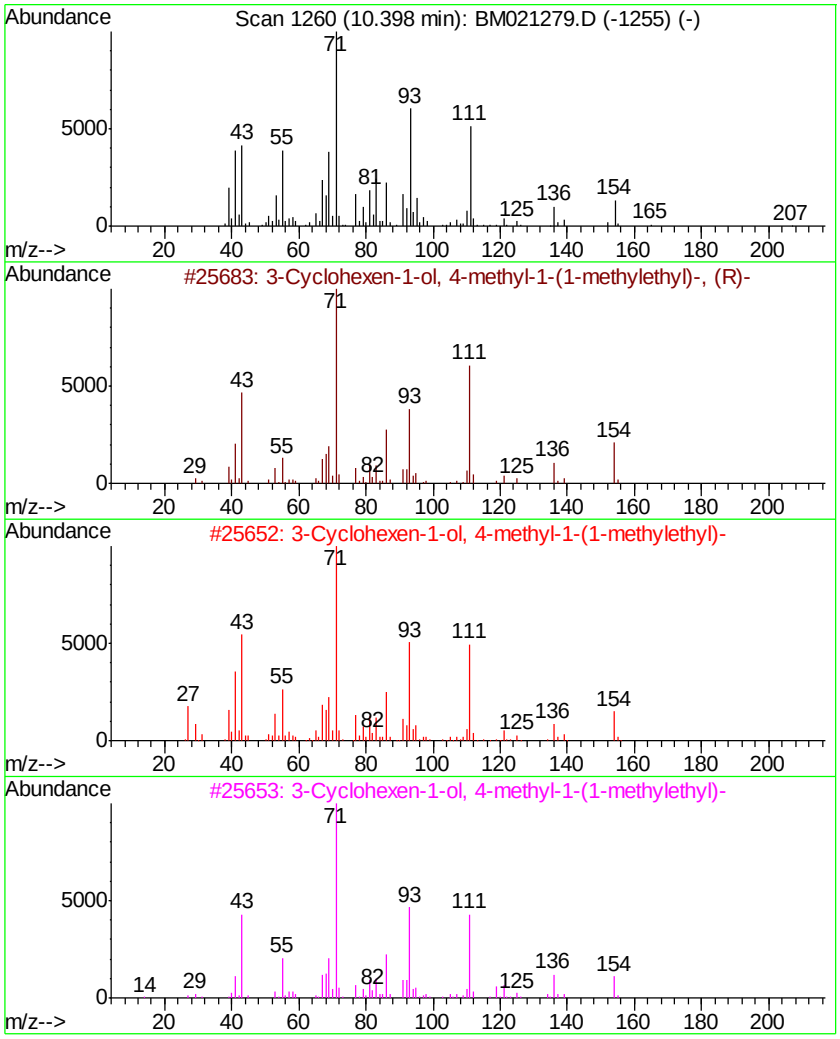
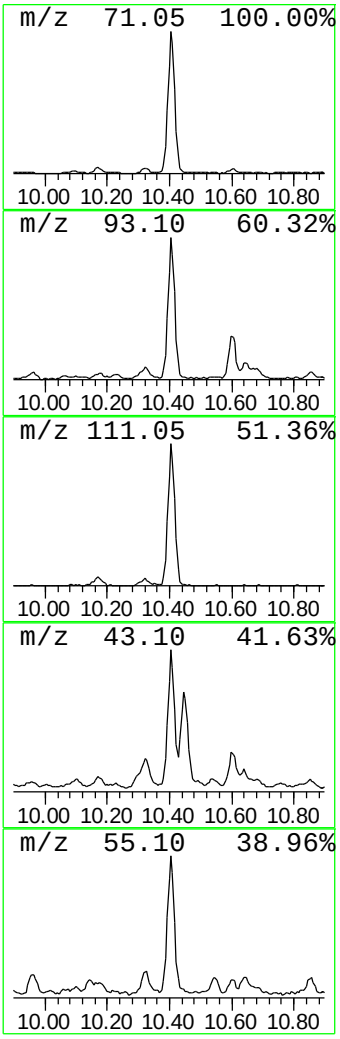
Peak Number 9 3-Cyclohexen-1-ol, 4-methyl... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	5.65 ng/ul	811698	Naphthalene-d8	10.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	020126-76-5	93
2	3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	000562-74-3	87
3	3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	000562-74-3	81
4	3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	000562-74-3	76
5	3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	020126-76-5	76





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Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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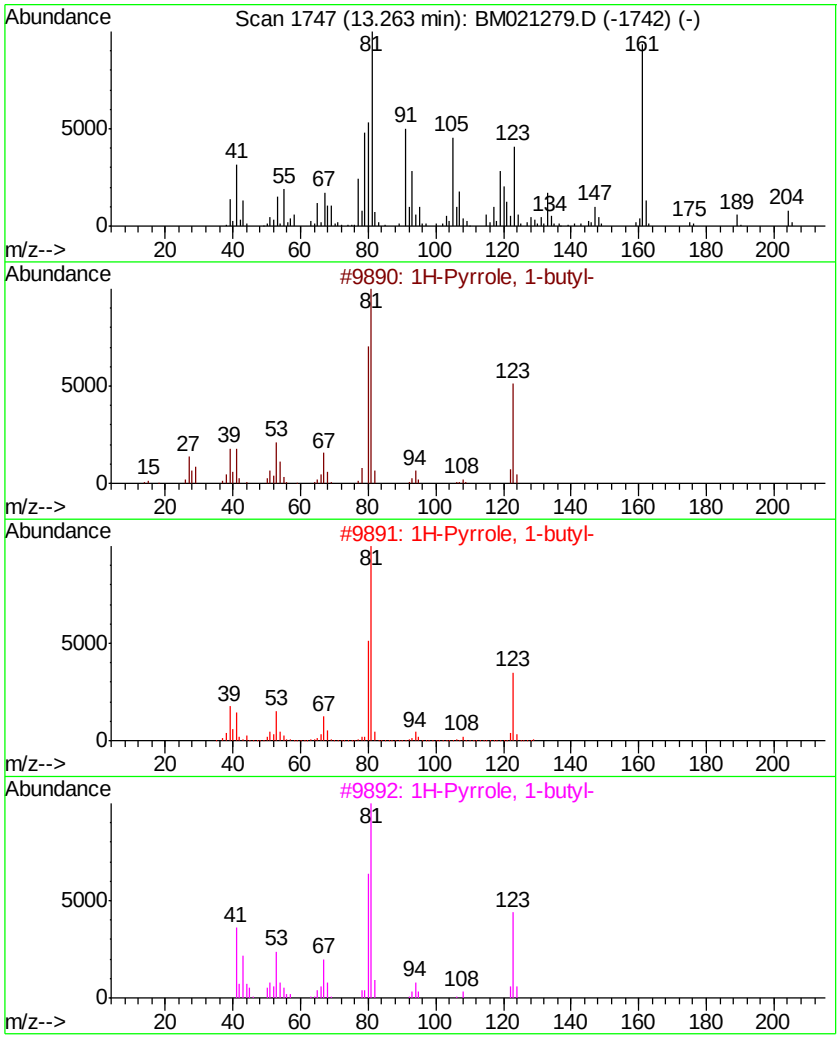
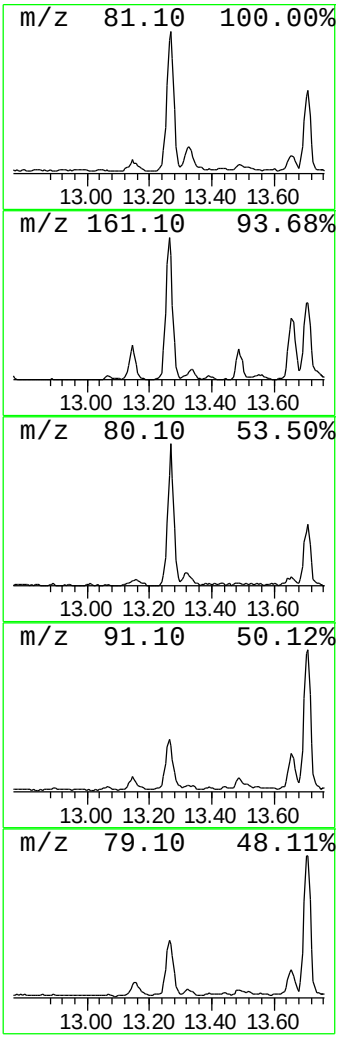
Peak Number 10 unknown-02 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	3.51 ng/ul	660326	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrole, 1-butyl-	123	C8H13N	000589-33-3	46
2	1H-Pyrrole, 1-butyl-	123	C8H13N	000589-33-3	46
3	1H-Pyrrole, 1-butyl-	123	C8H13N	000589-33-3	46
4	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	43
5	1,6-Cyclodecadiene, 1-methyl-5-m...	204	C15H24	023986-74-5	42





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Data File : BM021279.D
Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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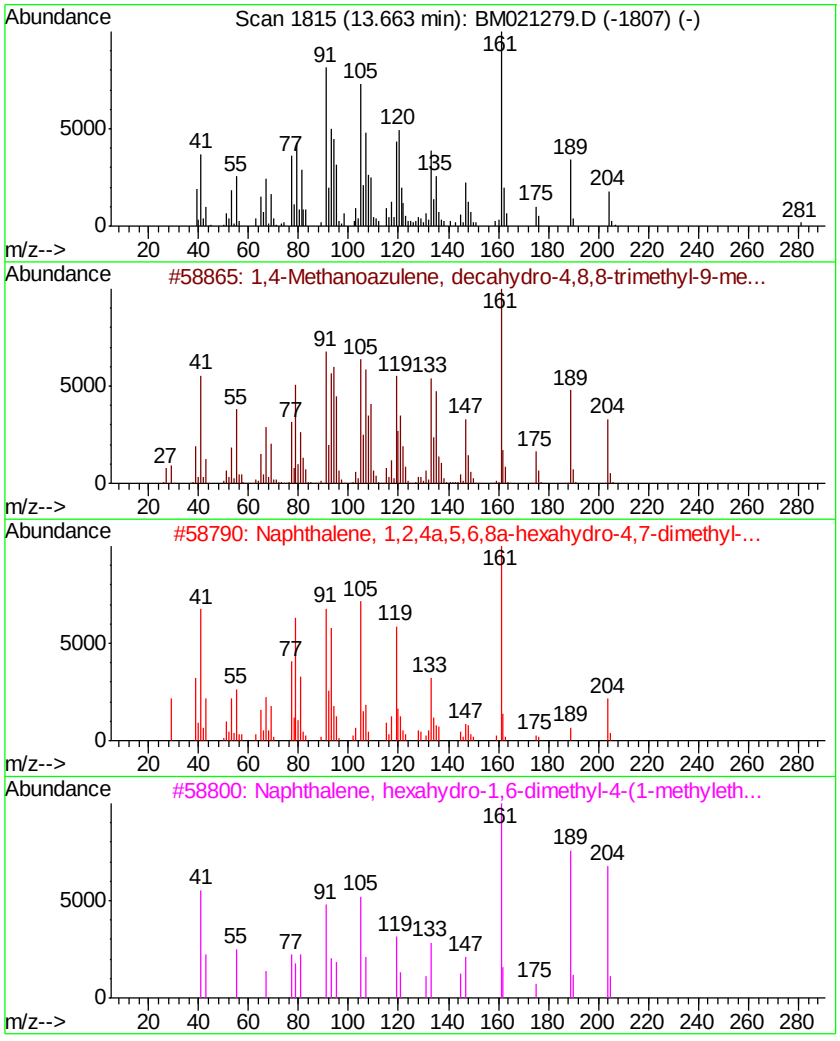
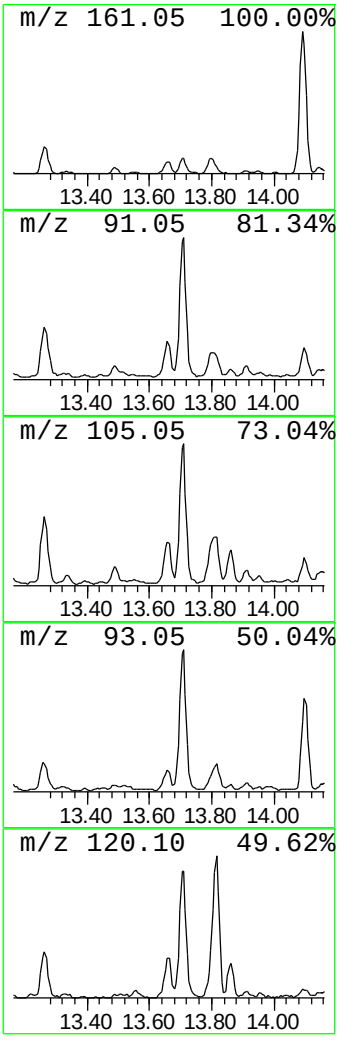
Peak Number 11 1,4-Methanoazulene, decahyd... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	2.18 ng/ul	410272	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanoazulene, decahydro-4,...	204	C15H24	000475-20-7	96
2	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	86
3	Naphthalene, hexahydro-1,6-dimet...	204	C15H24	029837-12-5	86
4	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	86
5	1,4-Methanoazulene, decahydro-4,...	204	C15H24	000475-20-7	83





Library Search Compound Report

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Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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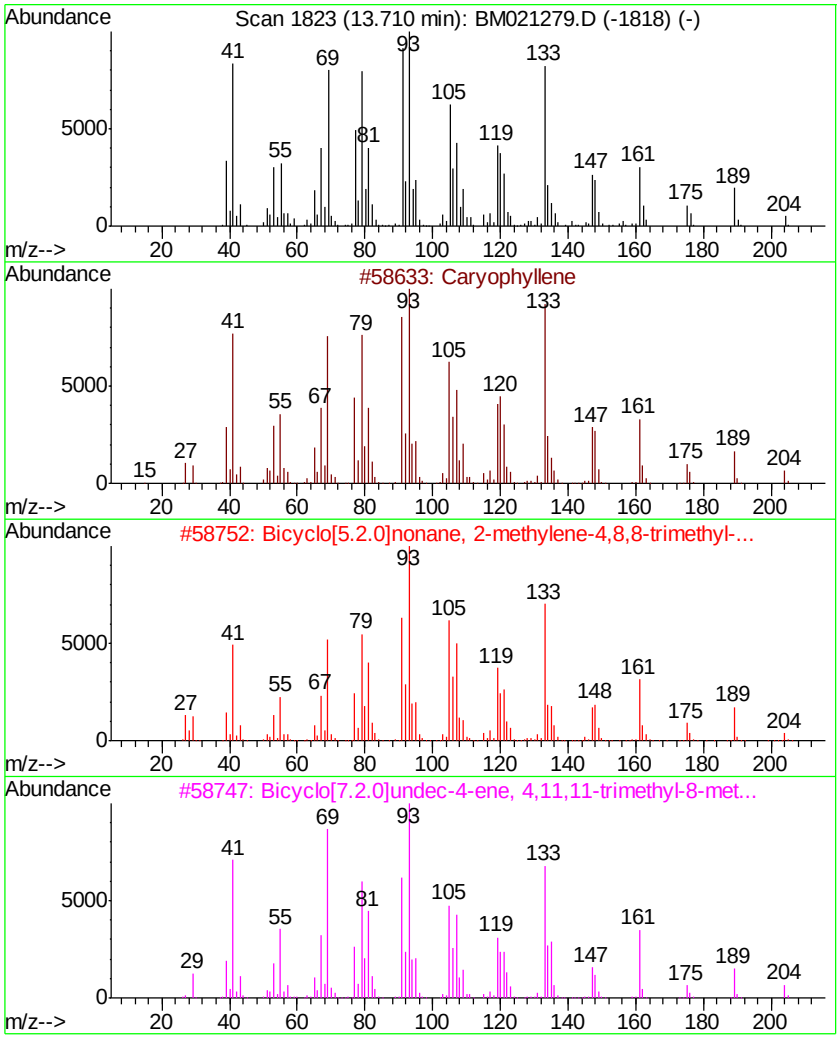
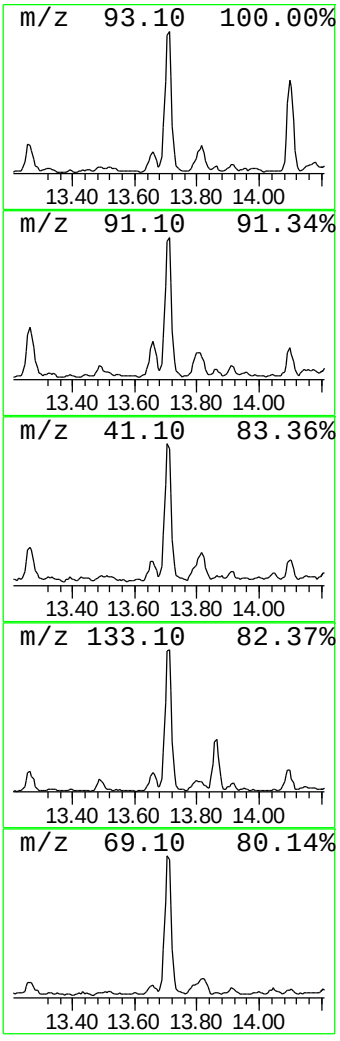
Peak Number 12 Caryophyllene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	7.90 ng/ul	1486910	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caryophyllene	204	C15H24	000087-44-5	99
2	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	93
3	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	92
4	Caryophyllene	204	C15H24	000087-44-5	91
5	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	89





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Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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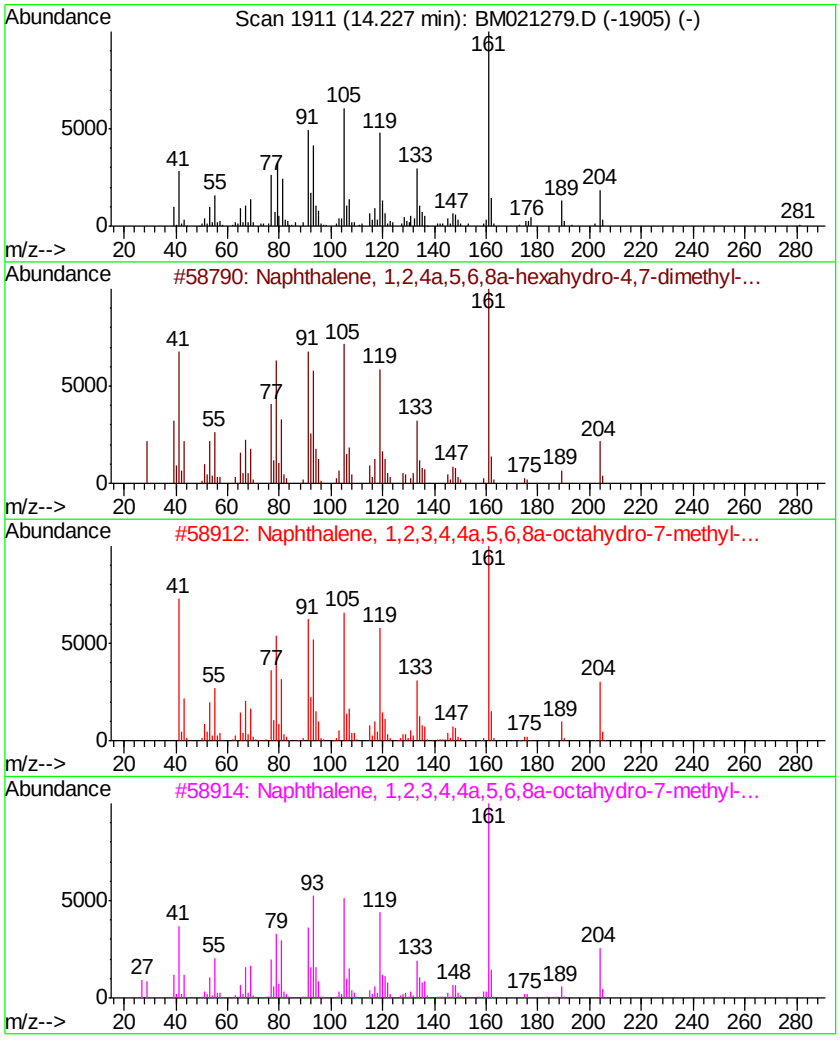
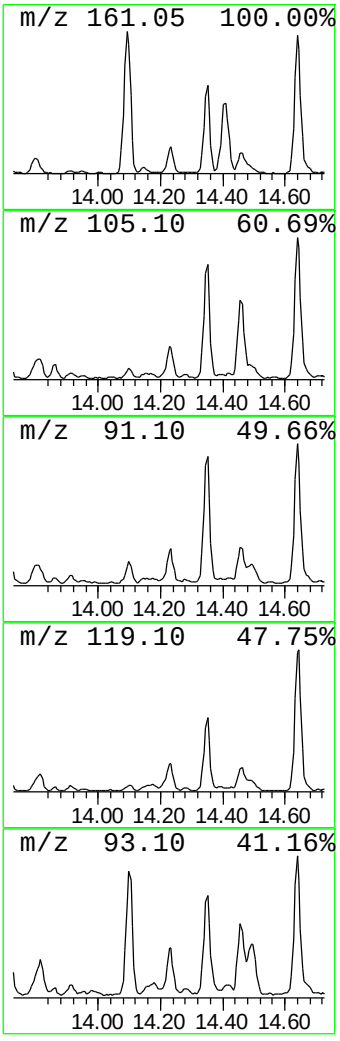
Peak Number 13 Naphthalene, 1,2,4a,5,6,8a-... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	2.17 ng/ul	408939	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	95
2	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	030021-74-0	95
3	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	030021-74-0	93
4	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	030021-74-0	90
5	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	86





Library Search Compound Report

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Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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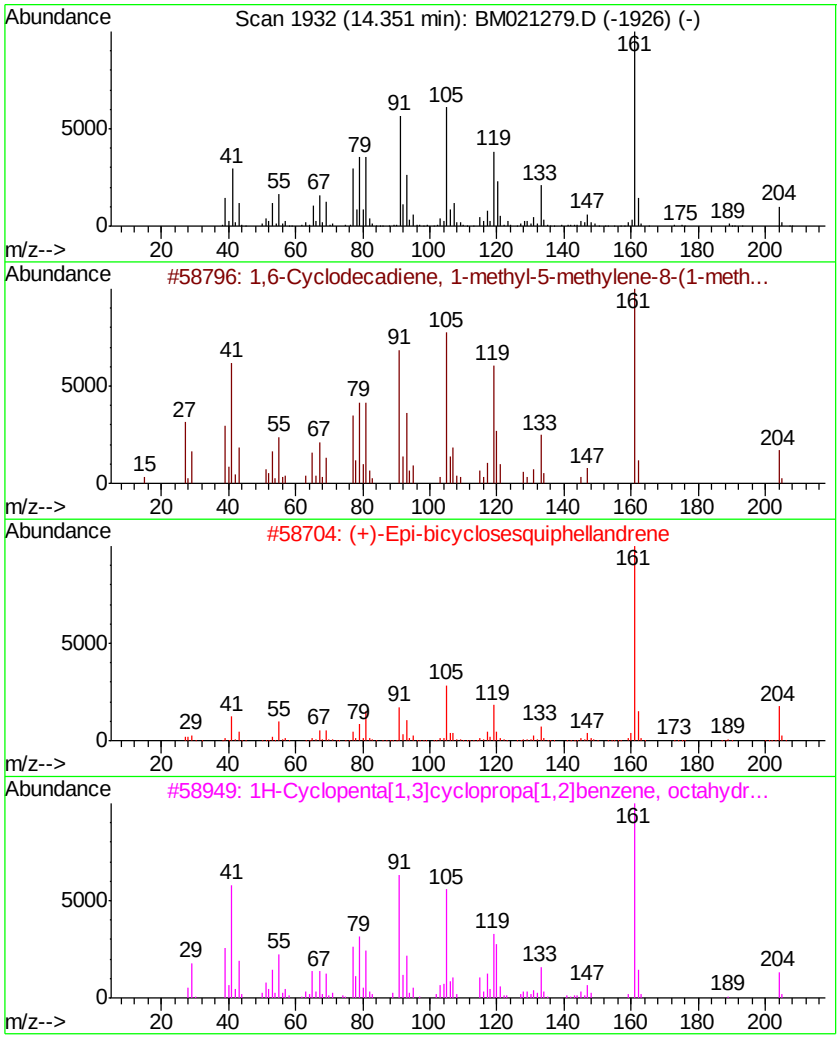
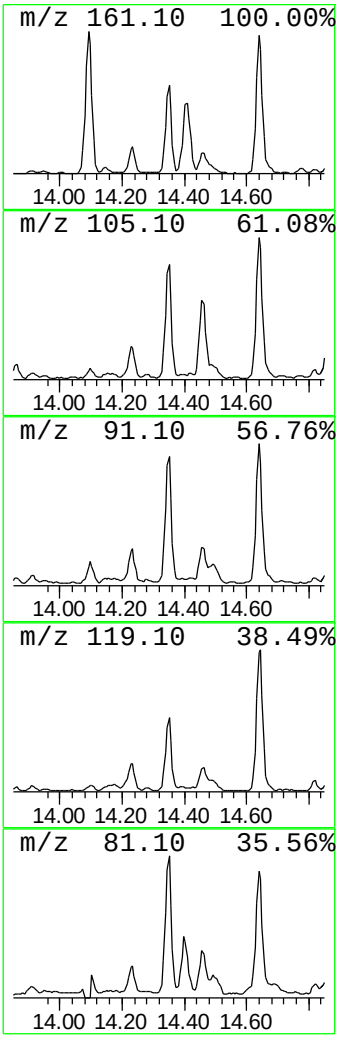
Peak Number 14 1,6-Cyclodecadiene, 1-methy... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	7.28 ng/ul	1370580	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Cyclodecadiene, 1-methyl-5-m...	204	C15H24	023986-74-5	95
2	(+)-Epi-bicyclosesquiphellandrene	204	C15H24	054324-03-7	93
3	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	93
4	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	030021-74-0	90
5	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	039029-41-9	72





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Sample : K3590-03
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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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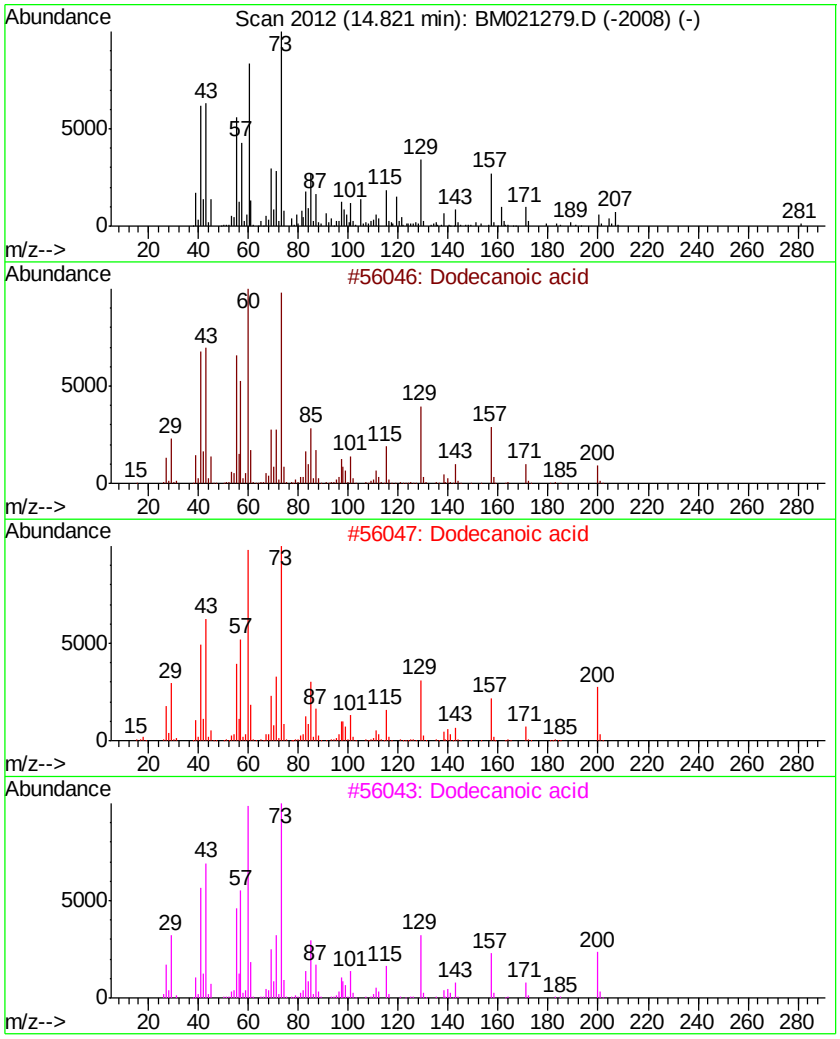
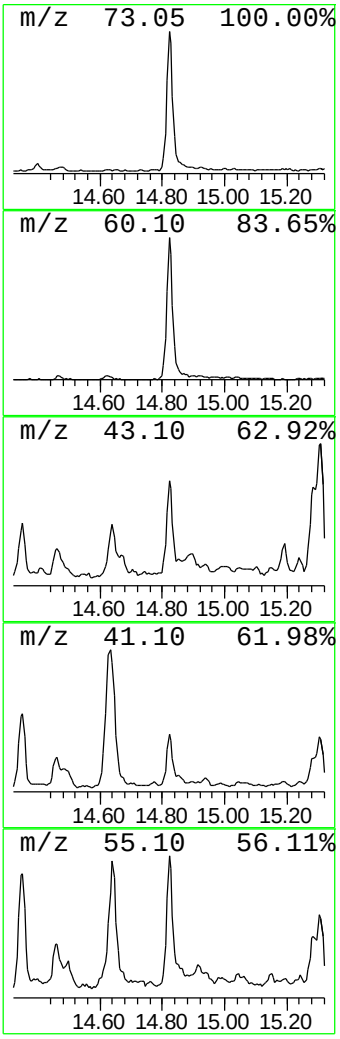
Peak Number 16 Dodecanoic acid Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	2.87 ng/ul	539266	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	97
2	Dodecanoic acid	200	C12H24O2	000143-07-7	90
3	Dodecanoic acid	200	C12H24O2	000143-07-7	90
4	Dodecanoic acid	200	C12H24O2	000143-07-7	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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Misc :
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Instrument : BNA_M
ClientSampleId : C5BA2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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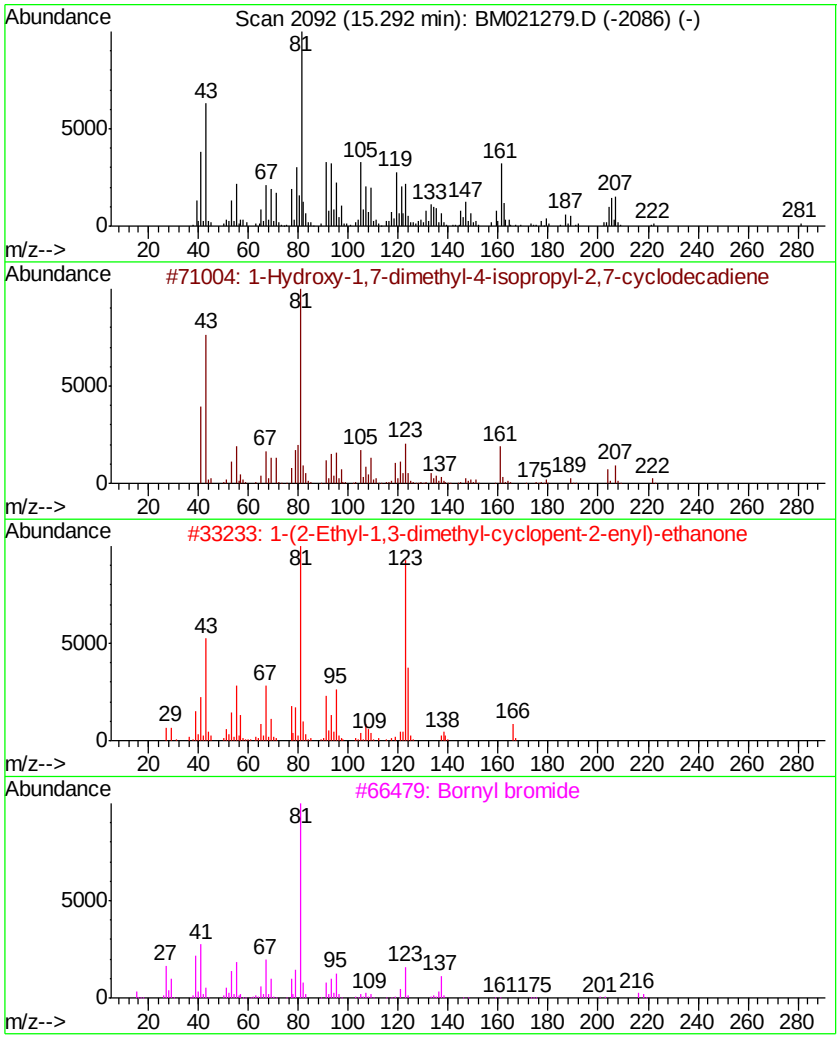
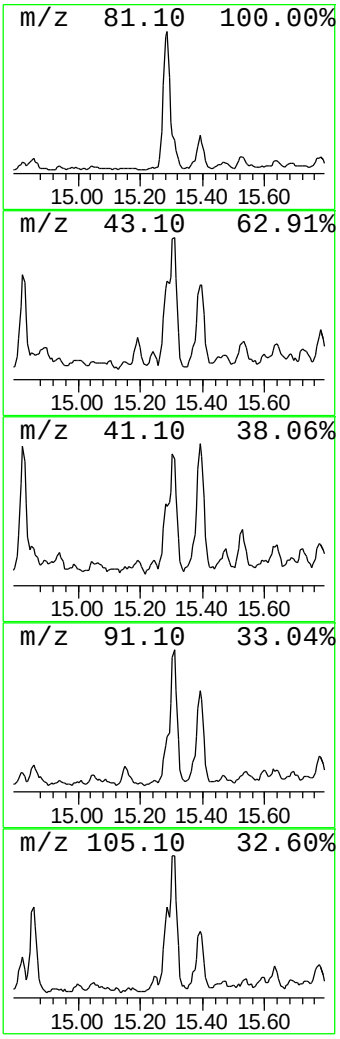
Peak Number 17 1-Hydroxy-1,7-dimethyl-4-is... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	2.65 ng/ul	499168	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hydroxy-1,7-dimethyl-4-isoprop...	222	C15H26O	072120-50-4	72
2	1-(2-Ethyl-1,3-dimethyl-cyclopen...	166	C11H18O	1000185-18-1	47
3	Bornyl bromide	216	C10H17Br	004443-48-5	47
4	Cyclobuta[1,2:3,4]dicyclopentene...	204	C15H24	005208-59-3	43
5	di-t-Butylacetylene	138	C10H18	017530-24-4	43





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Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

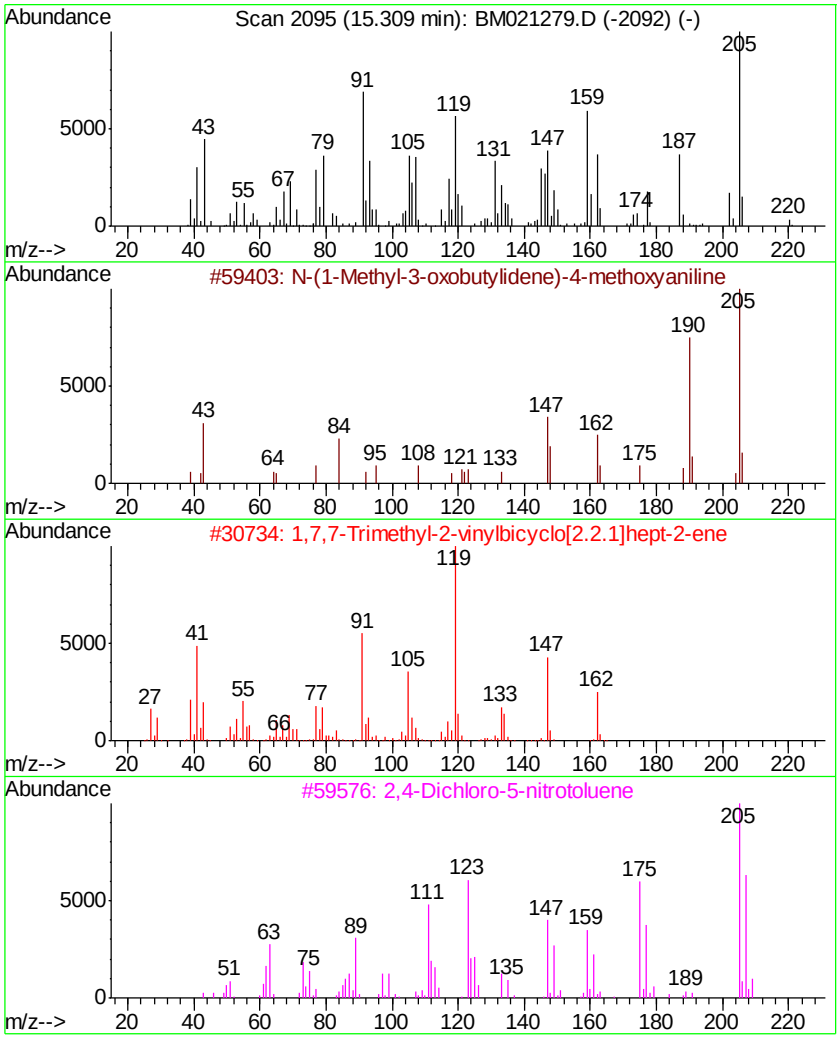
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

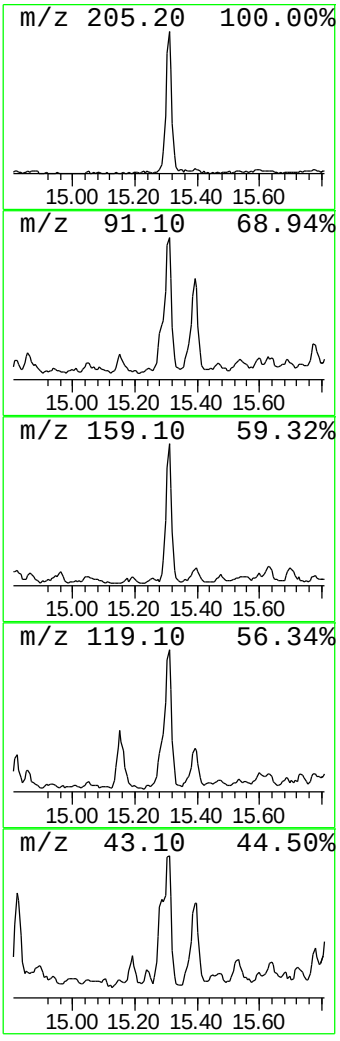
****

Peak Number 18 unknown-03 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	4.51 ng/ul	848762	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(1-Methyl-3-oxobutylidene)-4-m...	205	C12H15NO2	020010-38-2	43
2	1,7,7-Trimethyl-2-vinylbicyclo[2...	162	C12H18	130930-56-2	38
3	2,4-Dichloro-5-nitrotoluene	205	C7H5Cl2NO2	007149-77-1	38
4	1H-1,5-Benzodiazepine, 2,3,4,5-t...	162	C10H14N2	040358-34-7	30
5	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	27





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Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

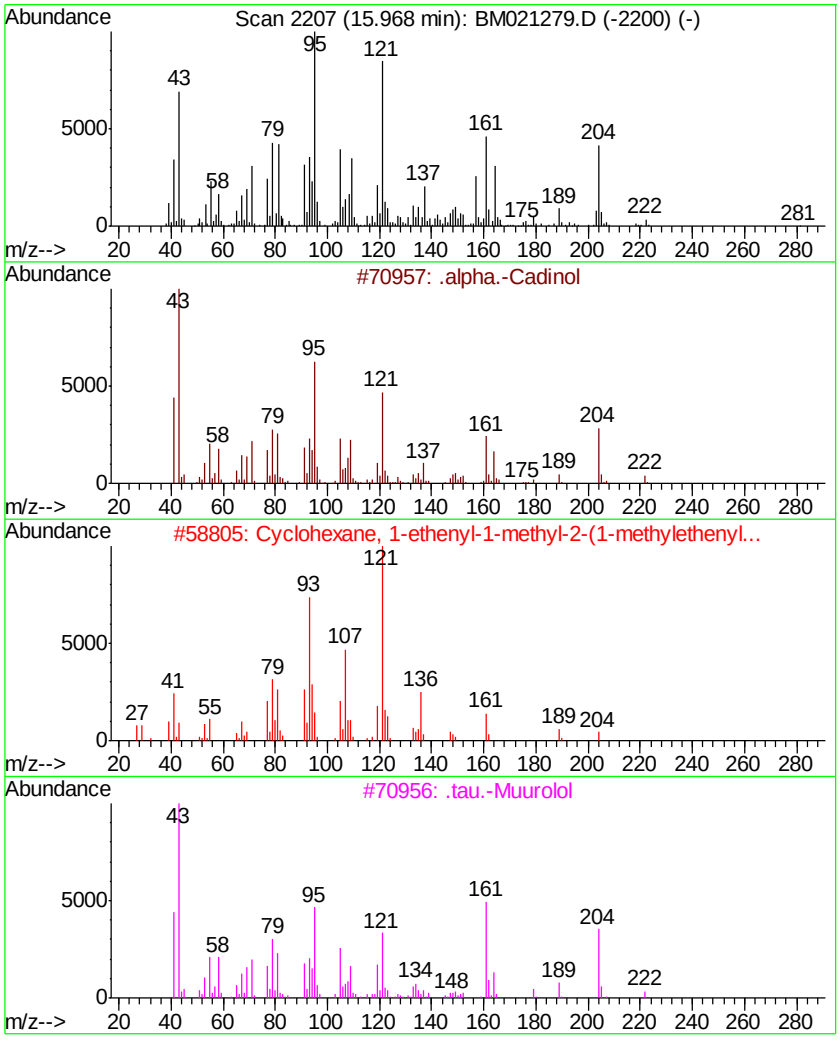
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

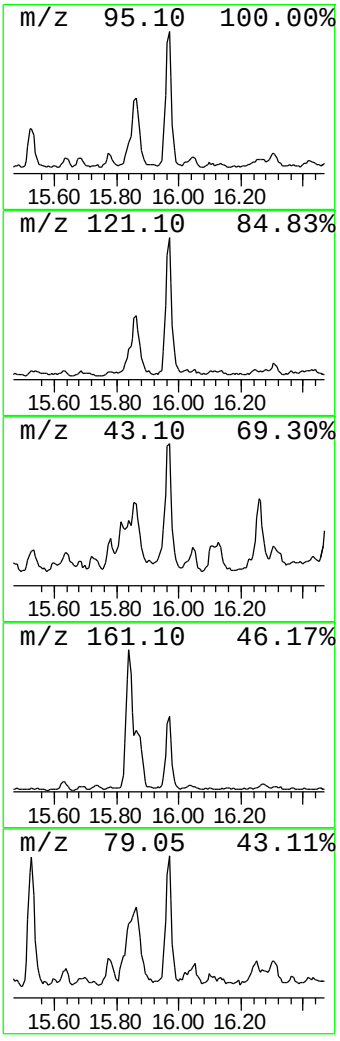
****

Peak Number 19 .alpha.-Cadinol Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	4.17 ng/ul	941473	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Cadinol	222	C15H26O	000481-34-5	97
2	Cyclohexane, 1-ethenyl-1-methyl-...	204	C15H24	003242-08-8	49
3	.tau.-Muurolol	222	C15H26O	019912-62-0	25
4	2H-1,2,4-Triazol-3-amine, N-(4-m...	204	C10H12N4O	103038-24-0	25
5	1,5,6,7-Tetramethylbicyclo[3.2.0...	164	C11H16O	120345-87-1	20





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Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

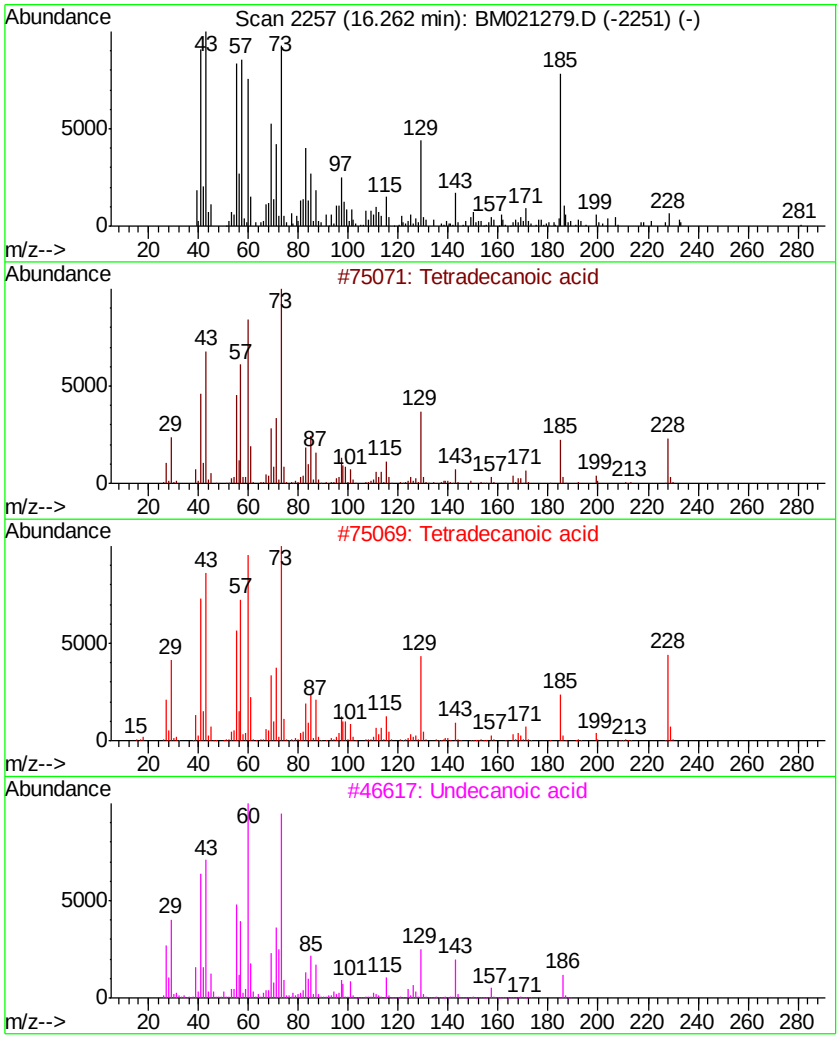
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

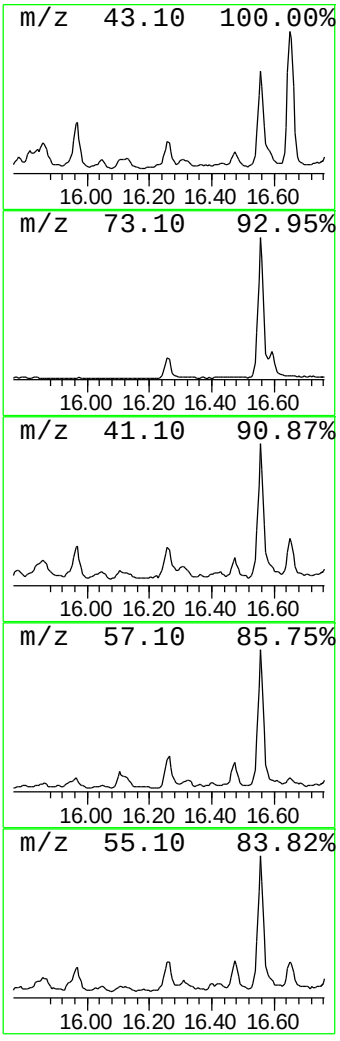
****

Peak Number 20 Tetradecanoic acid Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	2.36 ng/ul	533319	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Undecanoic acid	186	C11H22O2	000112-37-8	62
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





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Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

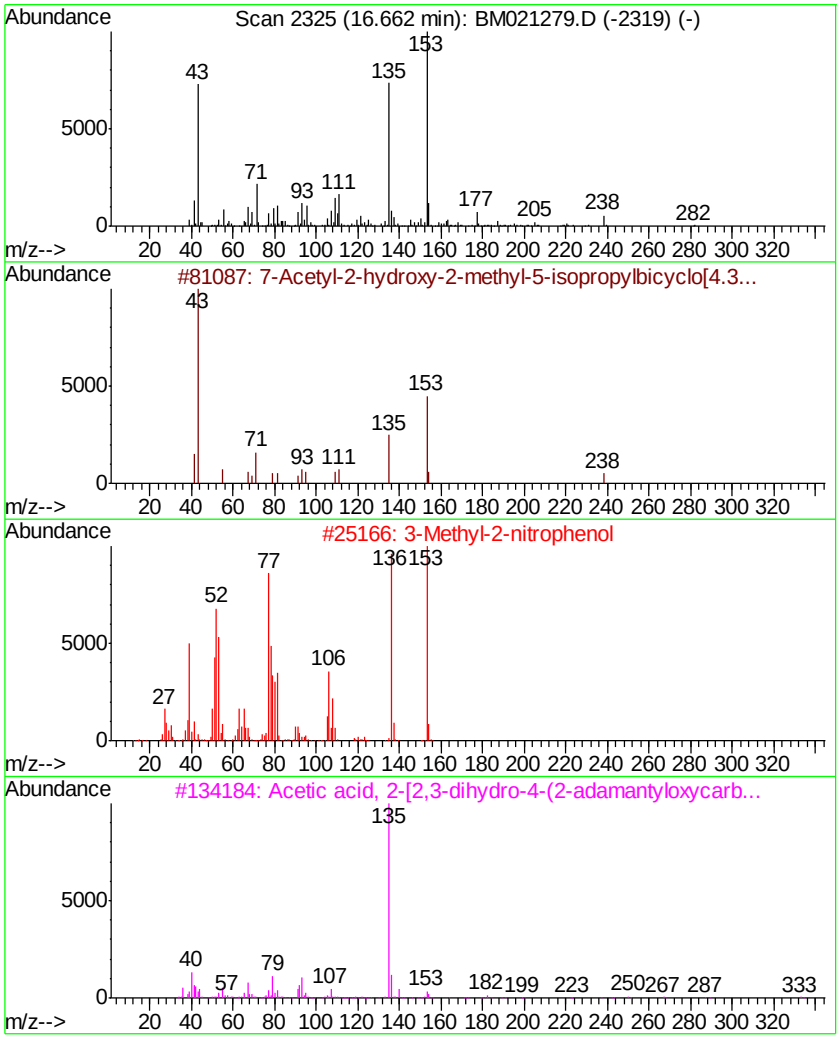
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

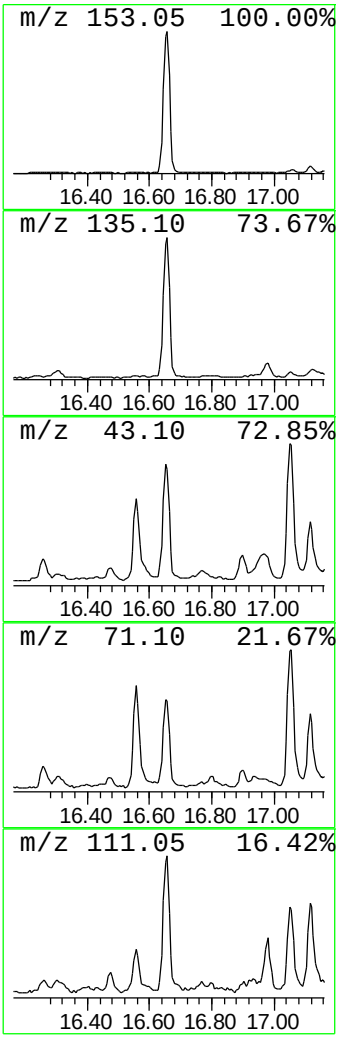
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 7-Acetyl-2-hydroxy-2-methyl... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	5.08 ng/ul	1148440	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Acetyl-2-hydroxy-2-methyl-5-is...	238	C15H26O2	096093-81-1	93
2	3-Methyl-2-nitrophenol	153	C7H7NO3	004920-77-8	42
3	Acetic acid, 2-[2,3-dihydro-4-(2...	333	C18H23NO5	1000294-10-3	27
4	Methylphosphonic acid, 2,2-dimet...	320	C15H33O3PSi	1000273-44-8	27
5	2-Fluorophenyl isothiocyanate	153	C7H4FNS	038985-64-7	27





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Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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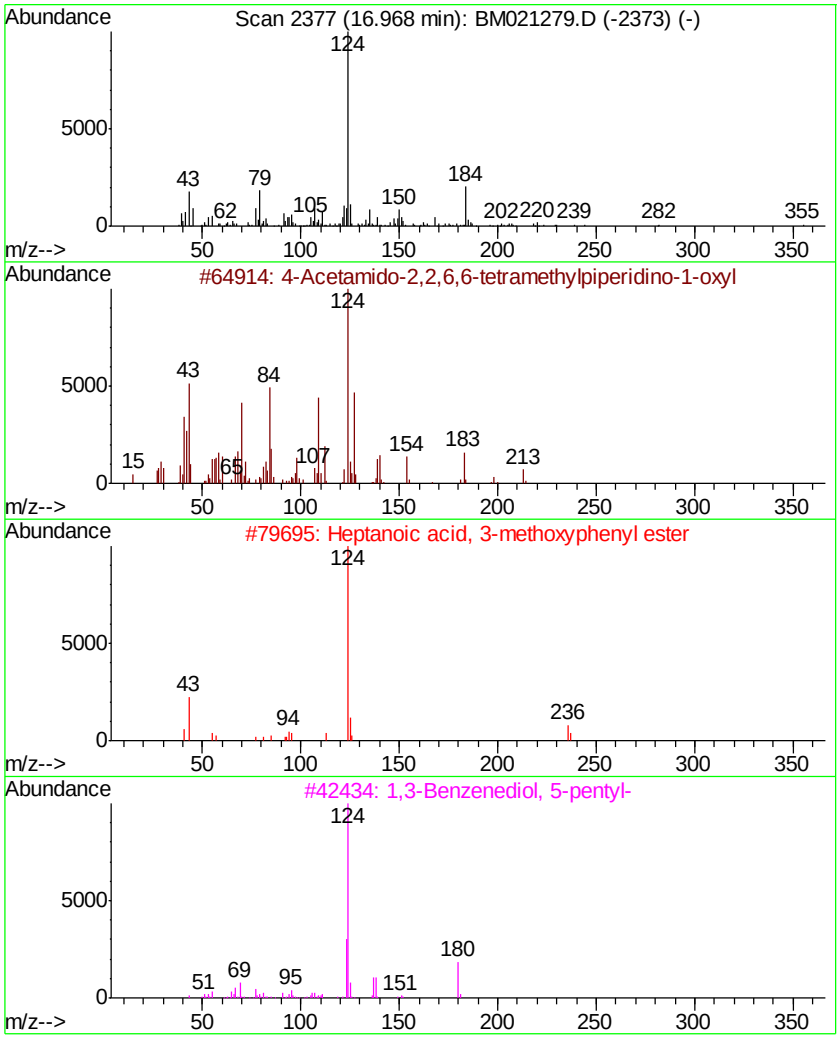
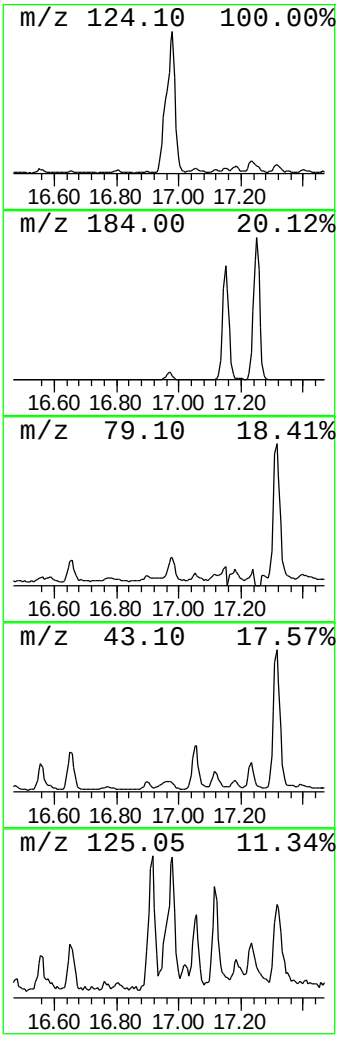
Peak Number 23 4-Acetamido-2,2,6,6-tetrame... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	3.59 ng/ul	811613	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Acetamido-2,2,6,6-tetramethylp...	213	C11H21N2O2	014691-89-5	50
2	Heptanoic acid, 3-methoxyphenyl ...	236	C14H20O3	056052-16-5	50
3	1,3-Benzenediol, 5-pentyl-	180	C11H16O2	000500-66-3	50
4	1-Methyl-3,5-diisopropoxybenzene	208	C13H20O2	1000281-22-2	47
5	3-(4-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	350039-84-8	45





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Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

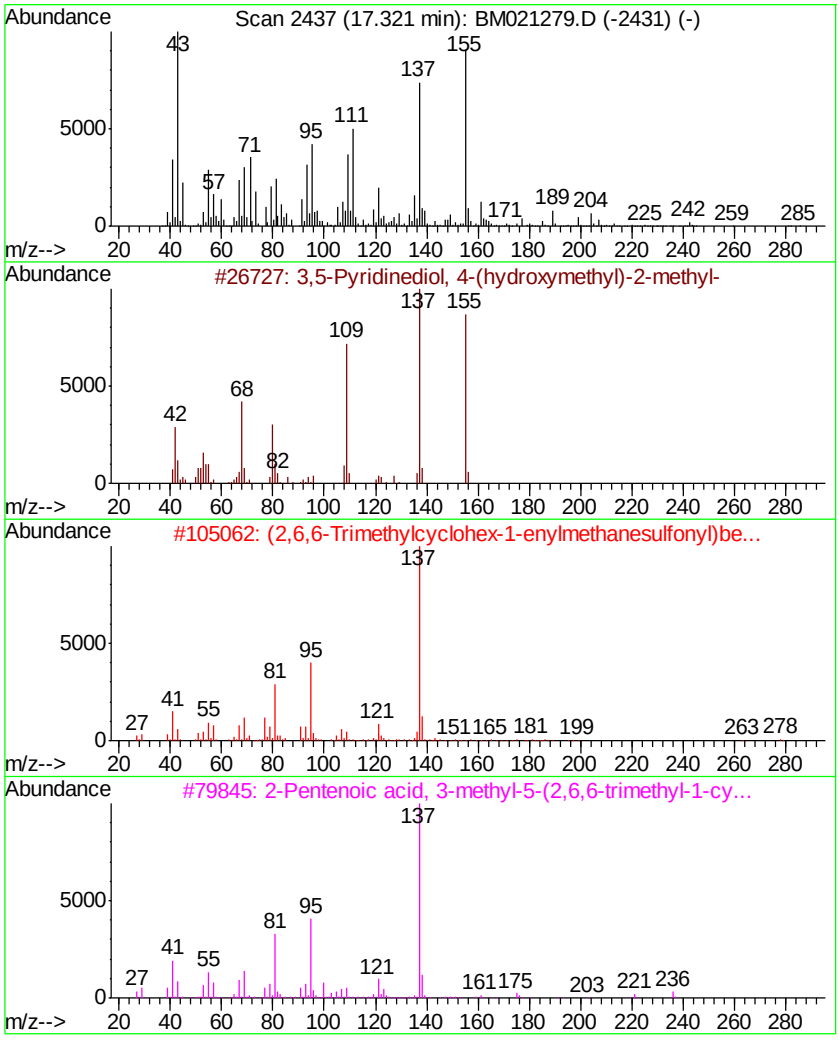
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

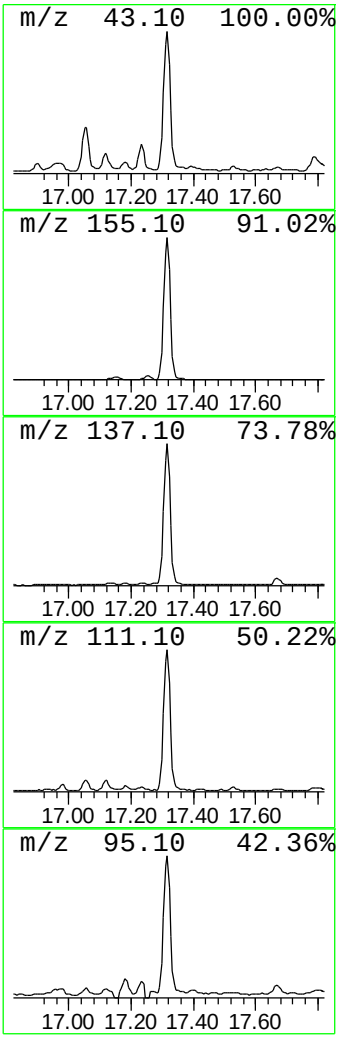
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 3,5-Pyridinediol, 4-(hydrox... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.32	30.38 ng/ul	6862660	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Pyridinediol, 4-(hydroxymeth...	155	C7H9NO3	002029-60-9	52
2	(2,6,6-Trimethylcyclohex-1-enylm...	278	C16H22O2S	056691-74-8	35
3	2-Pentenoic acid, 3-methyl-5-(2,...	236	C15H24O2	1000196-81-2	35
4	4-Fluorophenyl isocyanate	137	C7H4FNO	001195-45-5	22
5	Imidazole, 4-amino-5-ethoxycarbo...	155	C6H9N3O2	021190-16-9	22





Library Search Compound Report

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Data File : BM021279.D
Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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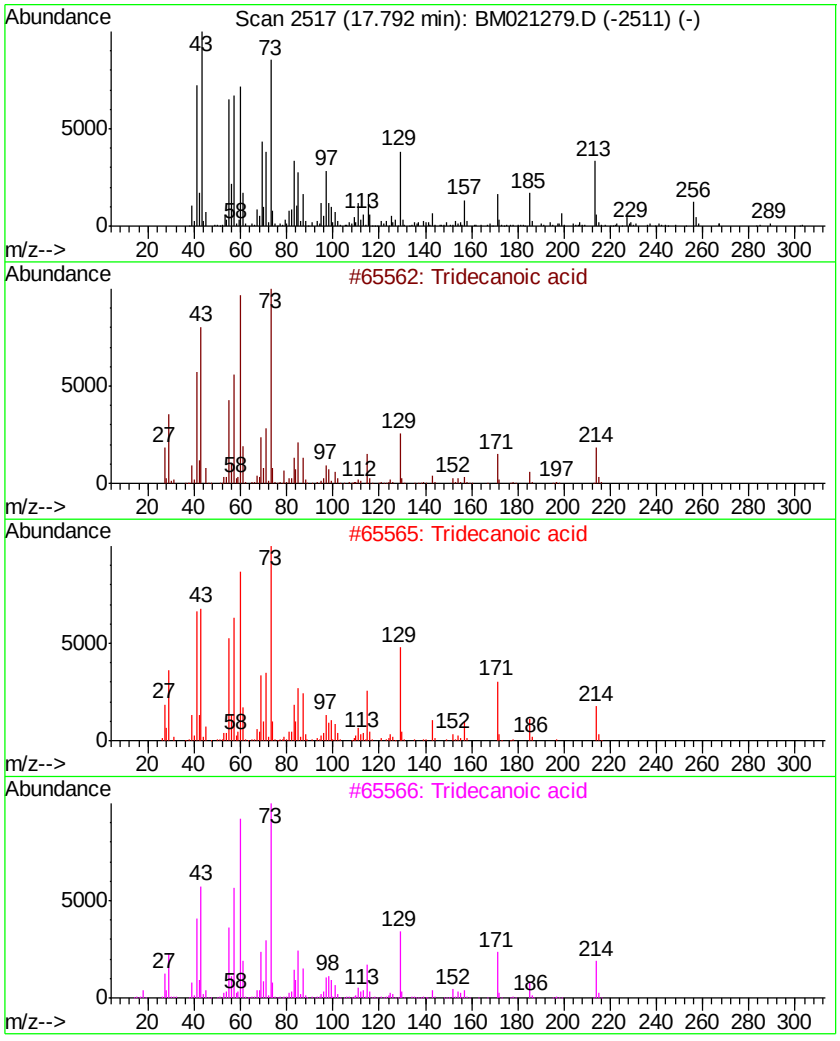
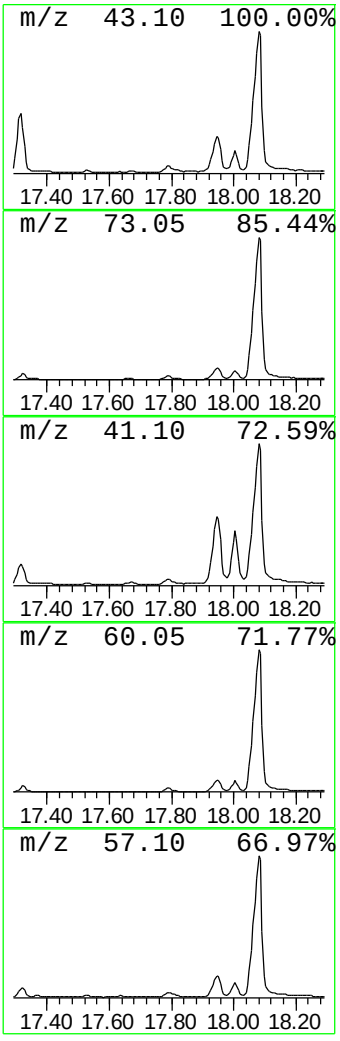
Peak Number 26 Tridecanoic acid Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	4.65 ng/ul	1049820	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Library Search Compound Report

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Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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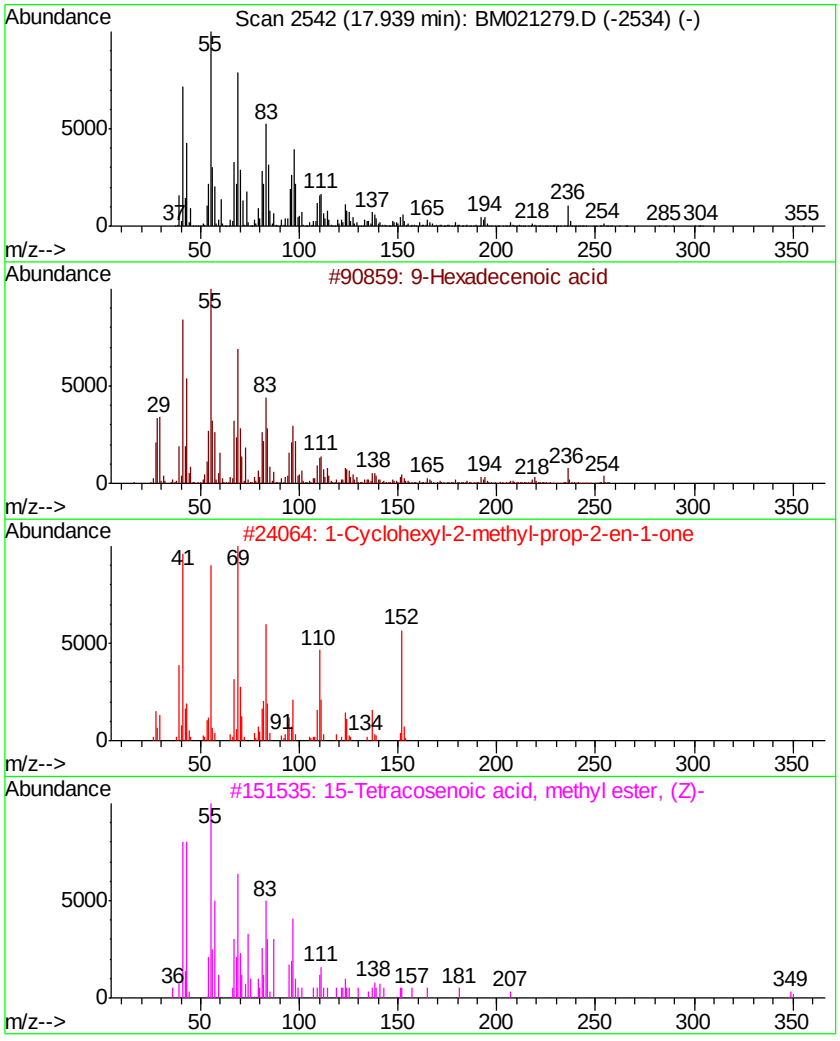
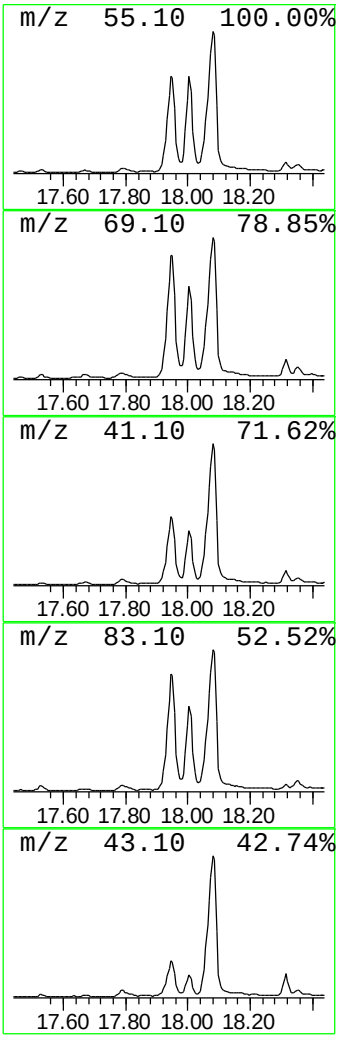
Peak Number 27 9-Hexadecenoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	54.05 ng/ul	12209900	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	64
2	1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	60
3	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	55
4	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	49
5	4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	49





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Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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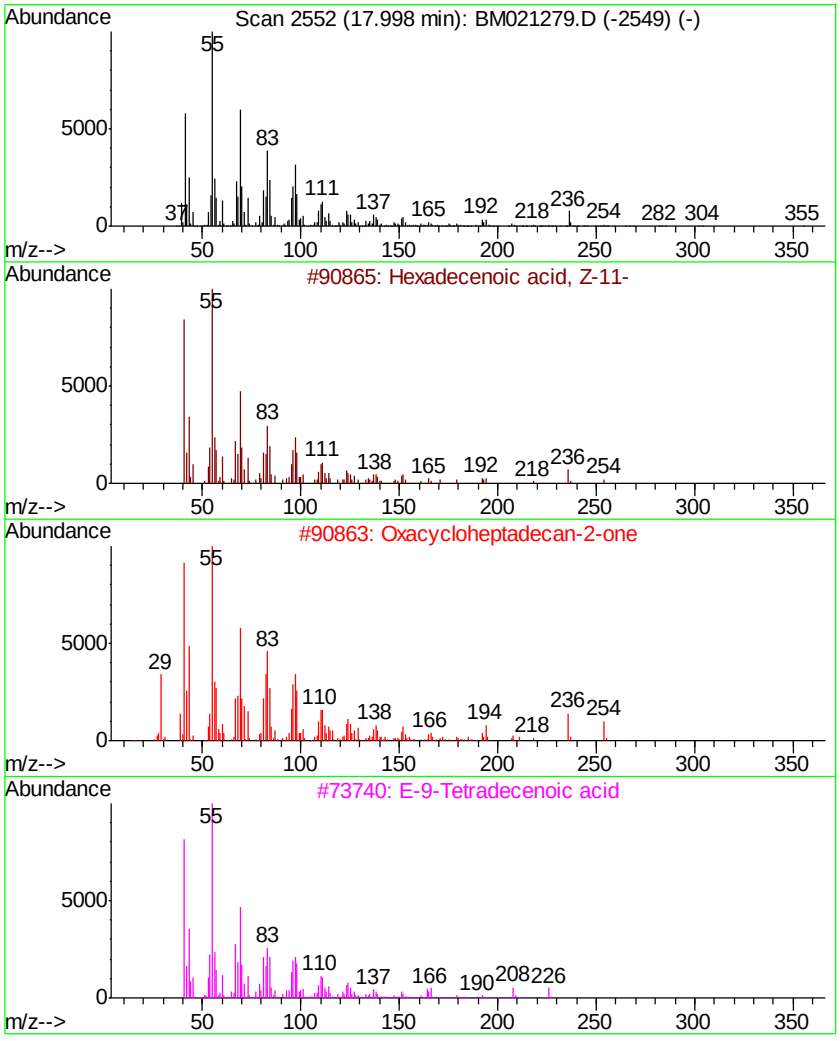
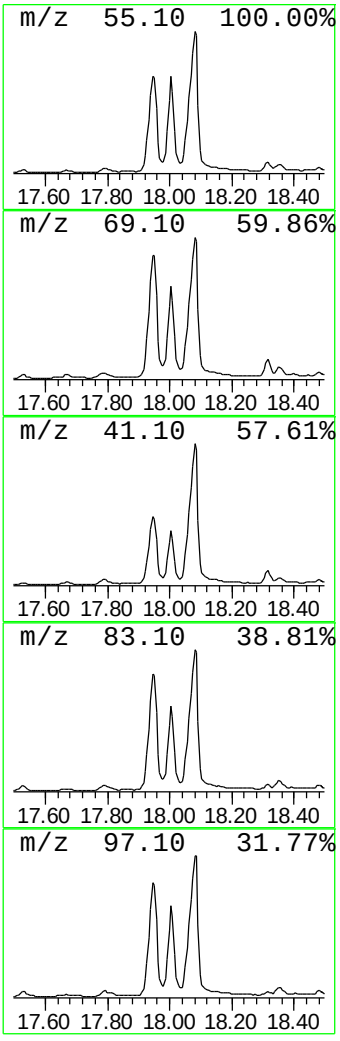
Peak Number 28 Hexadecenoic acid, Z-11- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	29.38 ng/ul	6635930	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	94
2	Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	91
3	E-9-Tetradecenoic acid	226	C14H26O2	1000131-35-8	86
4	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	76
5	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	76





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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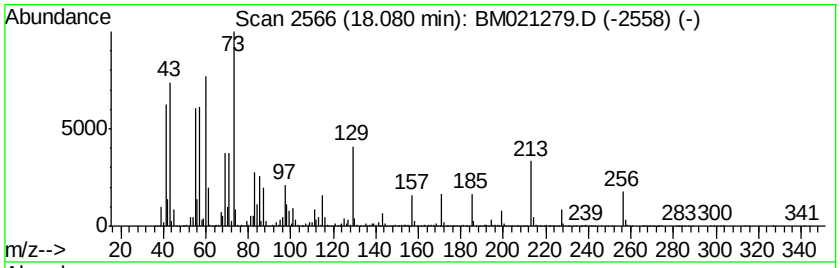
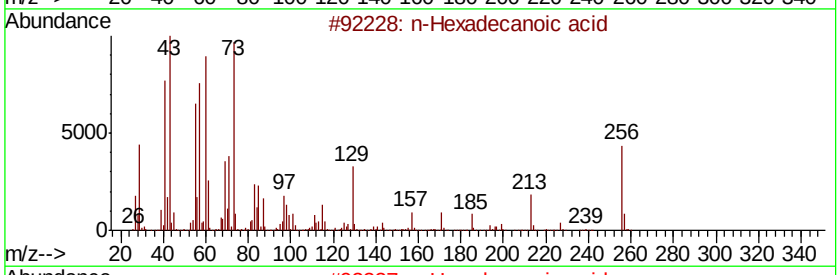
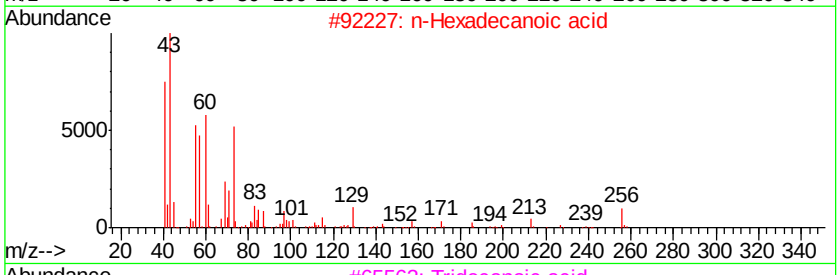
Peak Number 29 n-Hexadecanoic acid Concentration Rank 5

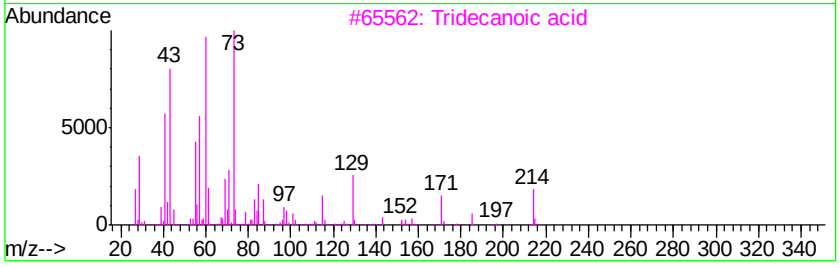
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	118.66 ng/ul	26806300	Phenanthrene-d10	17.15

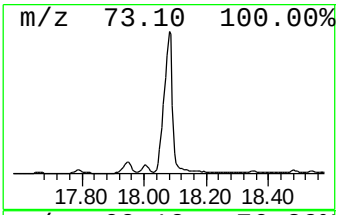
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89

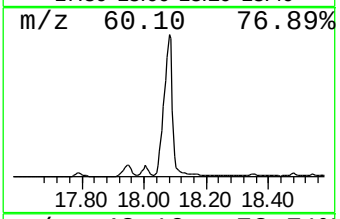


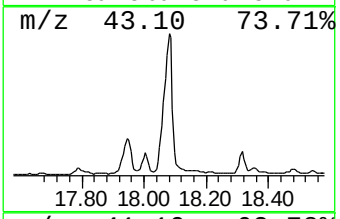


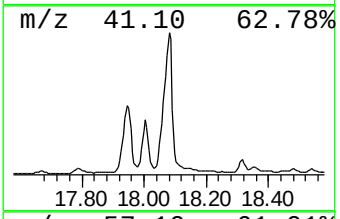


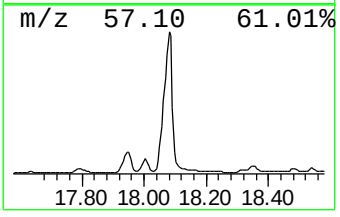












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021279.D
Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

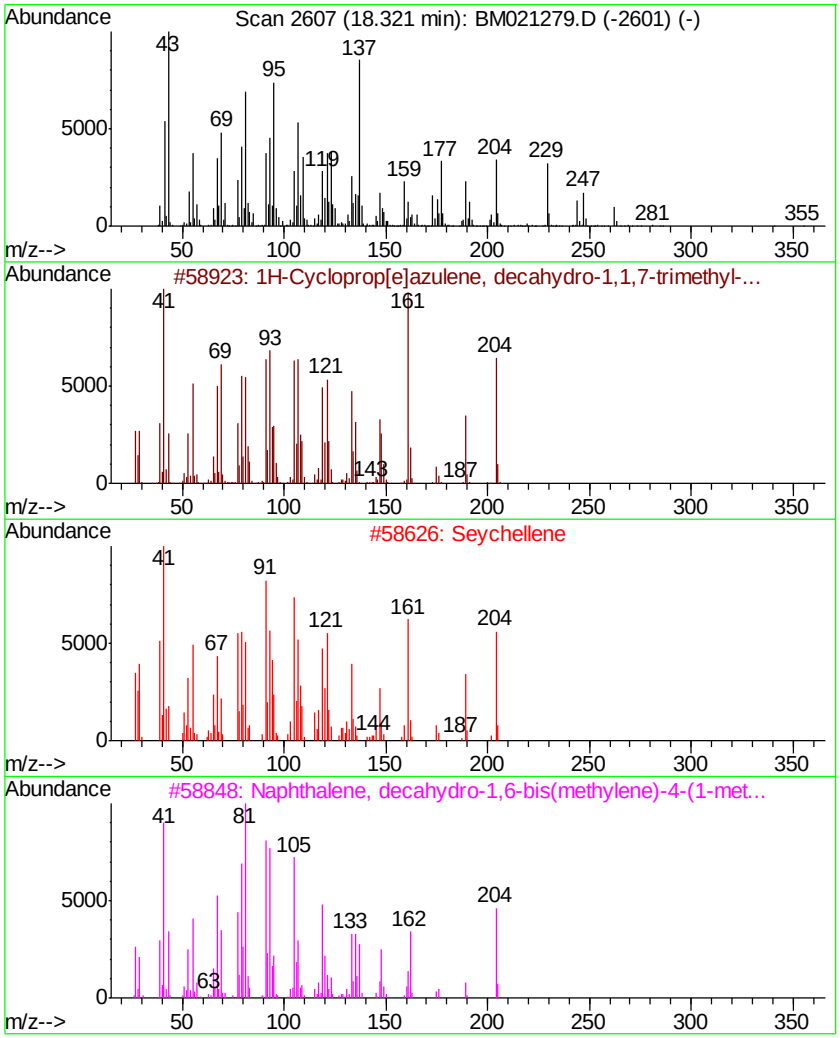
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

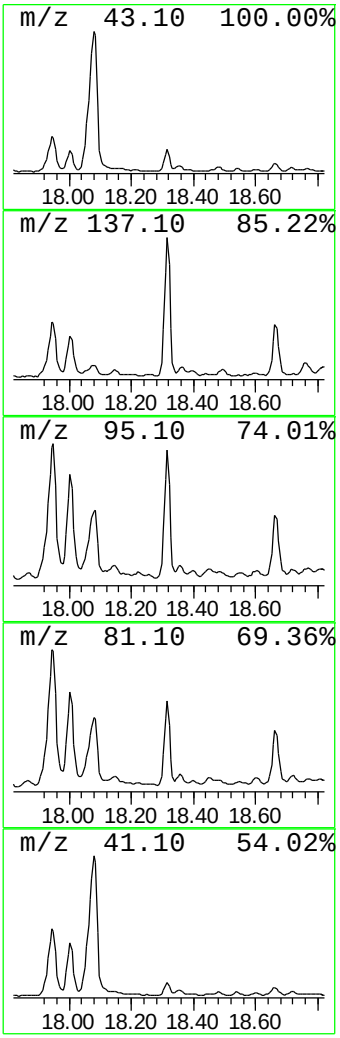
****

Peak Number 30 unknown-04 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	12.48 ng/ul	2818250	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cycloprop[e]azulene, decahydr...	204	C15H24	000489-39-4	47
2	Seychellene	204	C15H24	020085-93-2	45
3	Naphthalene, decahydro-1,6-bis(m...	204	C15H24	030021-46-6	41
4	Naphthalene, decahydro-1,6-bis(m...	204	C15H24	054932-90-0	41
5	Azulene, 1,2,3,3a,4,5,6,7-octahy...	204	C15H24	022567-17-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021279.D
Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

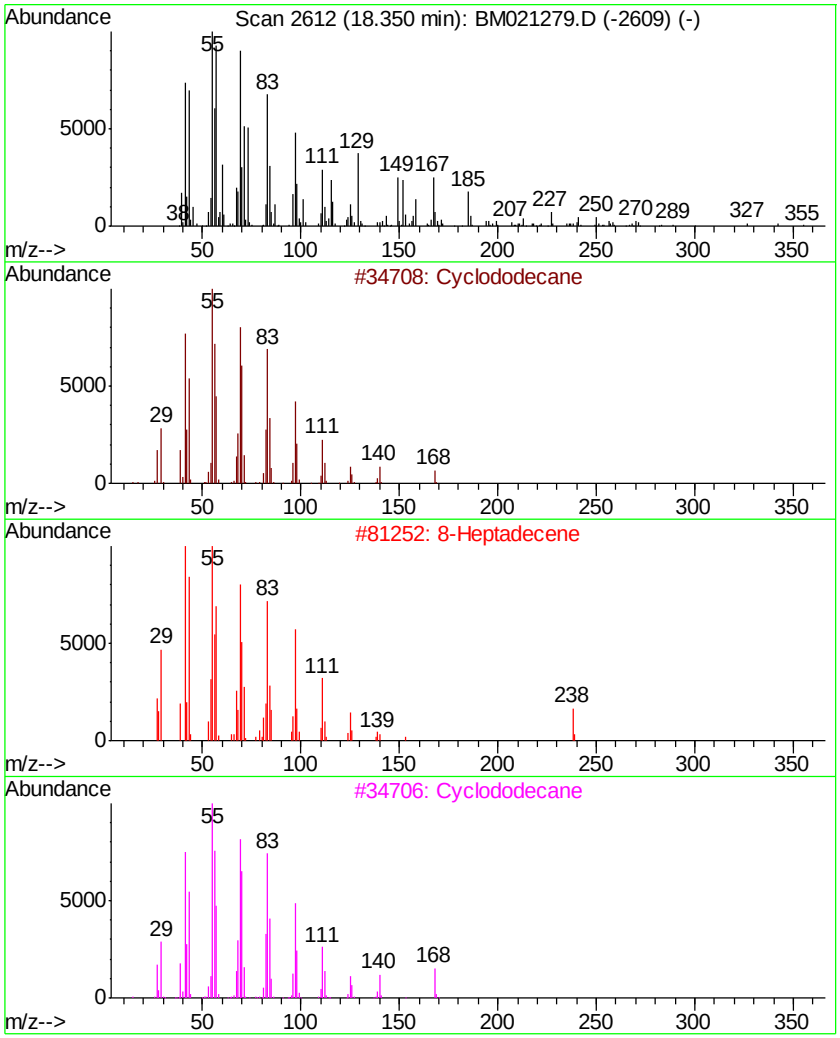
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

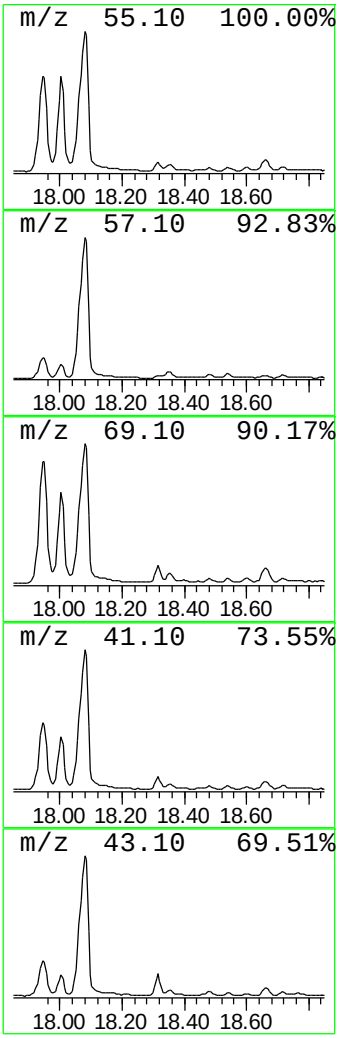
****

Peak Number 31 (DEL) Alkane: Cyclic18.35 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	3.55 ng/ul	802978	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecane	168	C12H24	000294-62-2	70
2	8-Heptadecene	238	C17H34	054290-12-9	70
3	Cyclododecane	168	C12H24	000294-62-2	62
4	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	62
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021279.D
Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

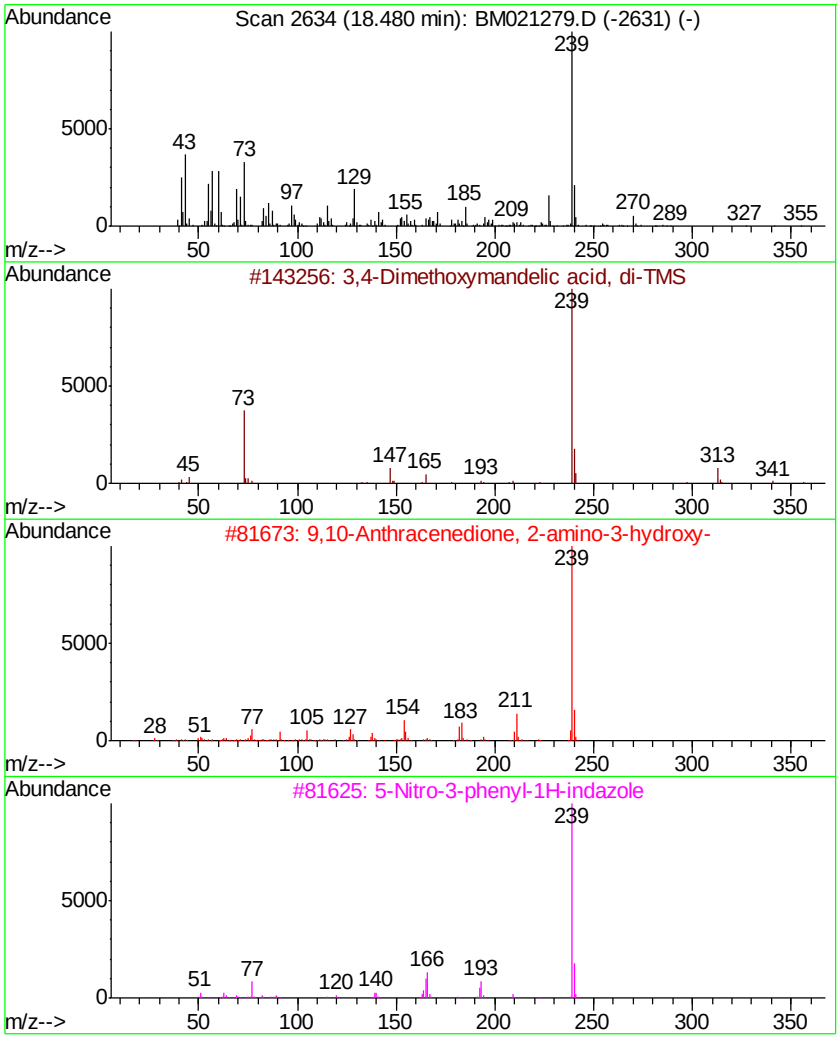
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

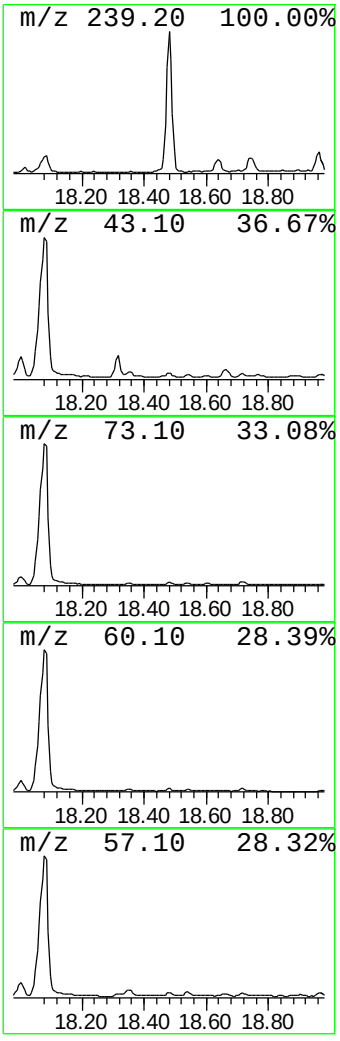
****

Peak Number 32 unknown-05 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	3.28 ng/ul	741945	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethoxymandelic acid, di-TMS	356	C16H28O5Si2	1000072-02-7	47
2	9,10-Anthracenedione, 2-amino-3-...	239	C14H9NO3	000117-77-1	38
3	5-Nitro-3-phenyl-1H-indazole	239	C13H9N3O2	293758-67-5	38
4	4-(4-Oxo-1,2,3,4,6,7,12,12b-octa...	326	C19H22N2O3	1000137-91-1	38
5	2,5-Dimethoxymandelic acid, di-TMS	356	C16H28O5Si2	1000072-02-8	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021279.D
Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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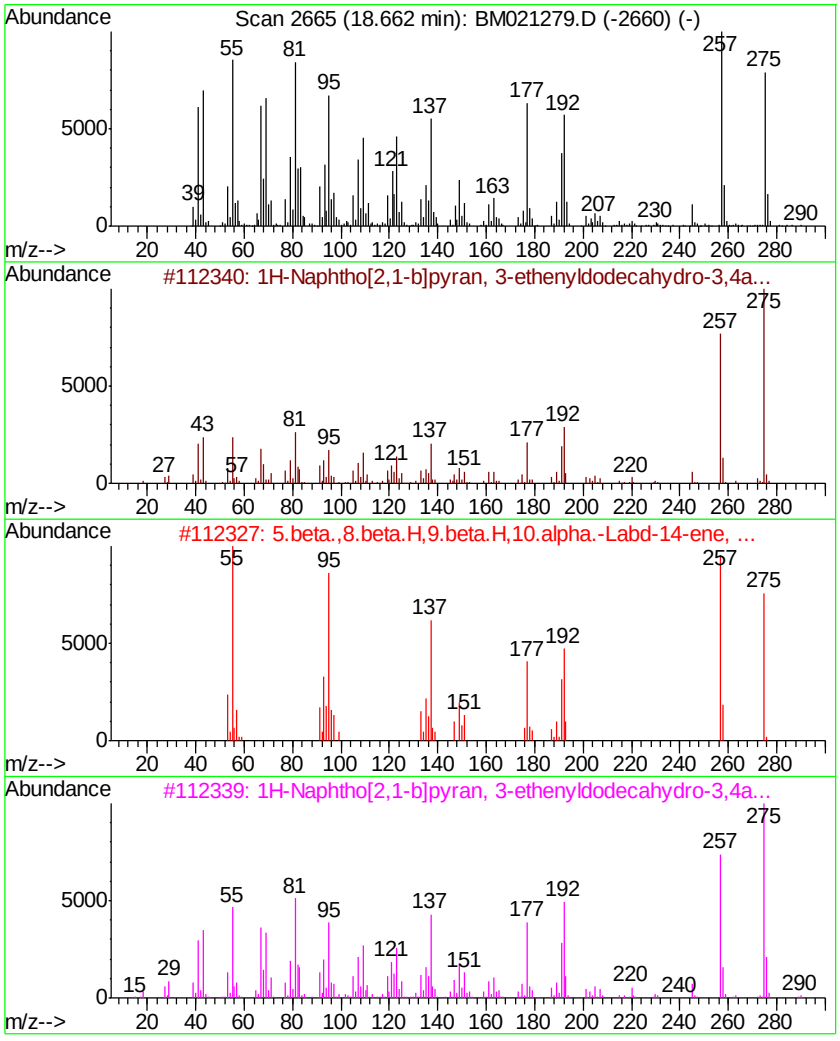
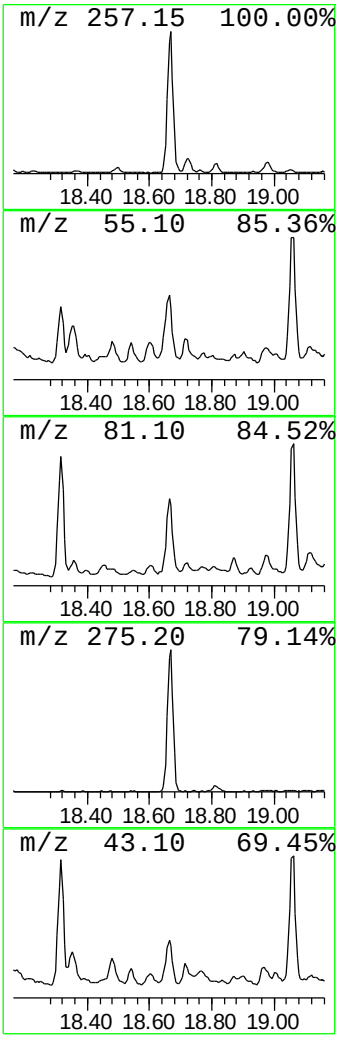
Peak Number 33 1H-Naphtho[2,1-b]pyran, 3-e... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	9.12 ng/ul	2060190	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Naphtho[2,1-b]pyran, 3-ethenyl...	290	C20H34O	001227-93-6	74
2	5.beta.,8.beta.H,9.beta.H,10.alp...	290	C20H34O	019123-29-6	60
3	1H-Naphtho[2,1-b]pyran, 3-ethenyl...	290	C20H34O	000596-84-9	49
4	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	35
5	4H-1-Benzopyran-4-one, 2,3-dihyd...	192	C11H12O3	017771-33-4	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021279.D
Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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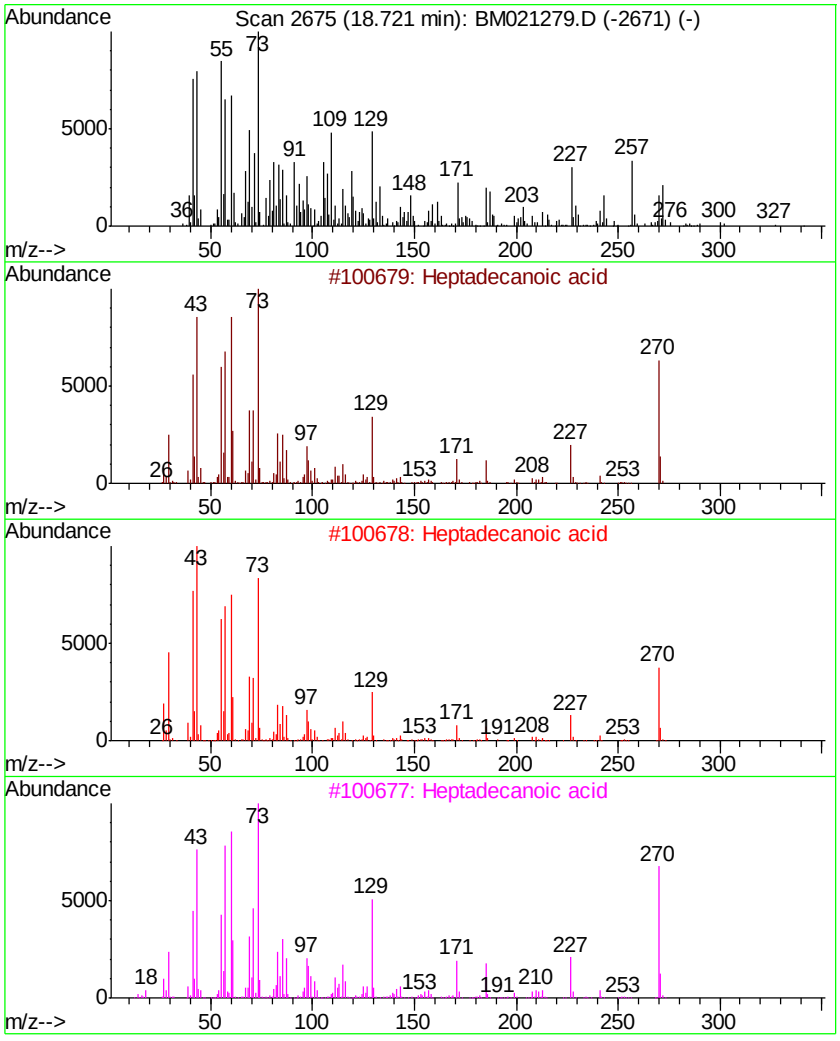
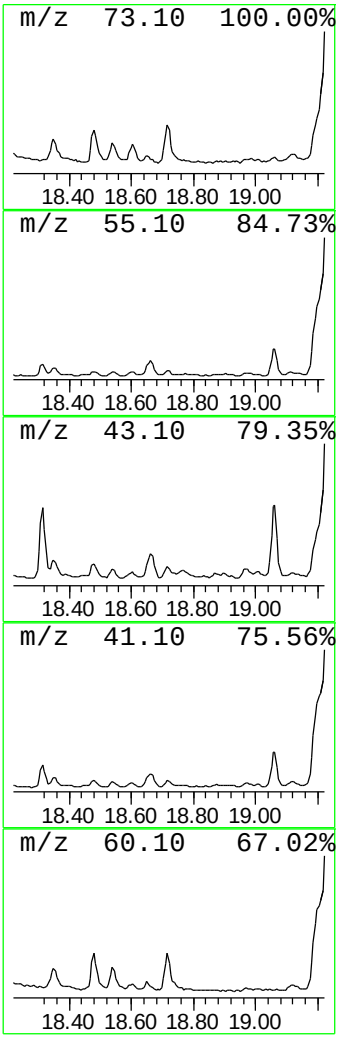
Peak Number 34 Heptadecanoic acid Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	2.92 ng/ul	659689	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid	270	C17H34O2	000506-12-7	93
2	Heptadecanoic acid	270	C17H34O2	000506-12-7	89
3	Heptadecanoic acid	270	C17H34O2	000506-12-7	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021279.D
Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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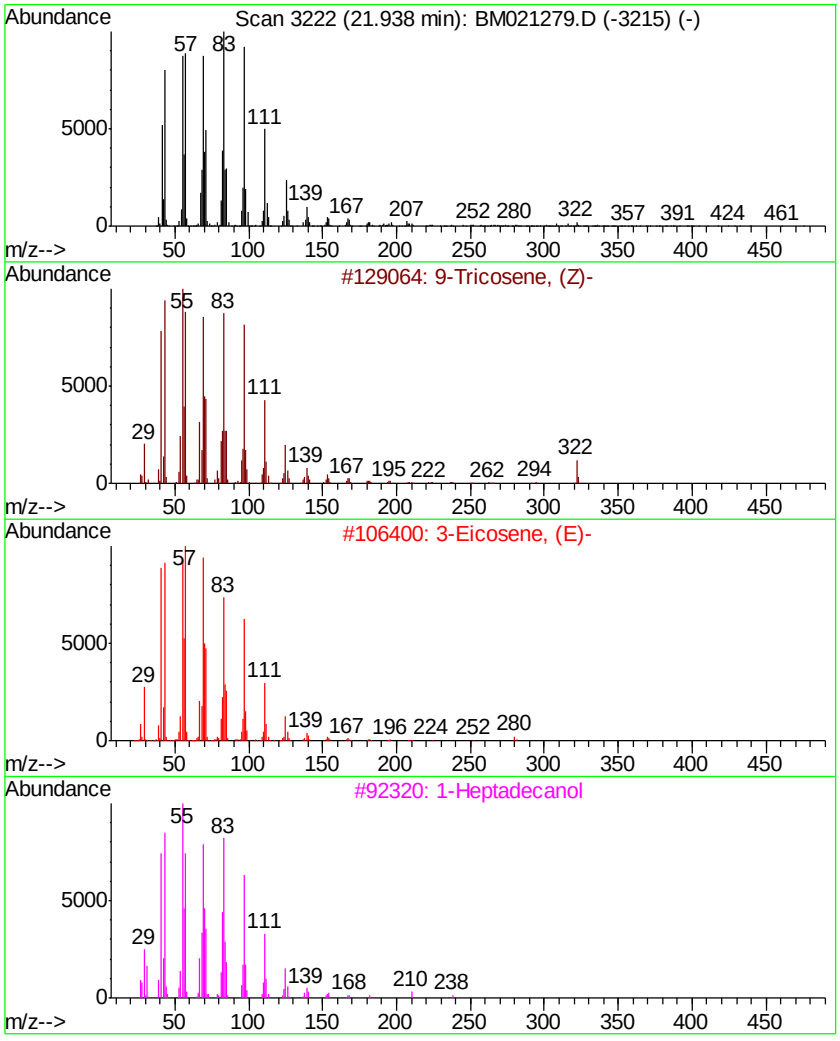
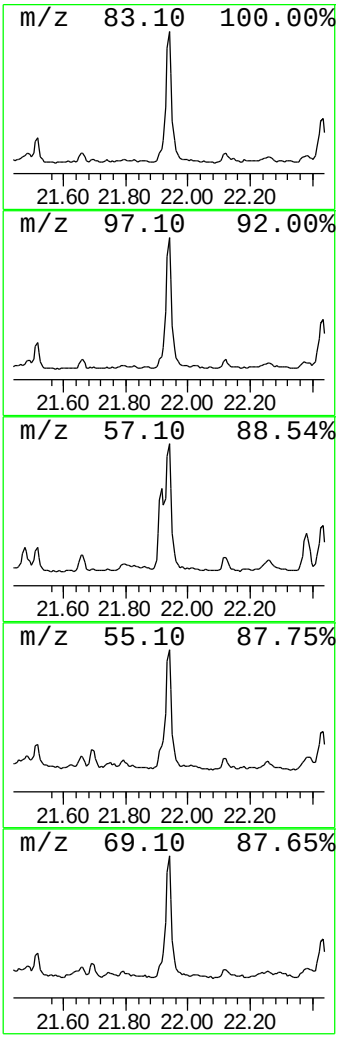
Peak Number 49 (DEL) Alkane: Cyclic21.94 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	17.80 ng/ul	4446320	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
3	1-Heptadecanol	256	C17H36O	001454-85-9	87
4	1-Nonadecanol	284	C19H40O	001454-84-8	87
5	2-Methyl-2-docosene	322	C23H46	1000131-16-9	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021279.D
Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

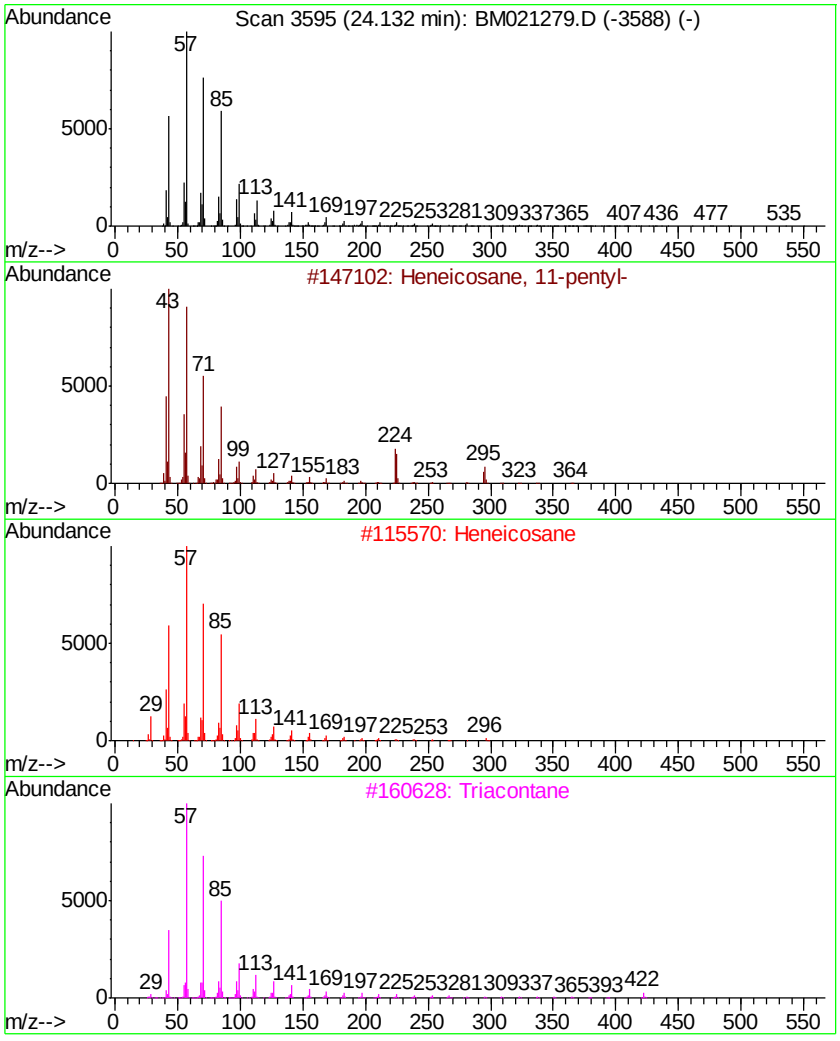
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

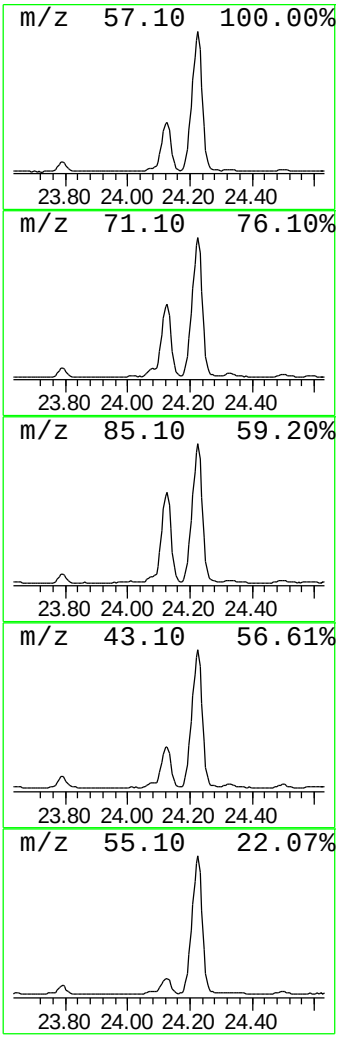
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	35.60 ng/ul	6086880	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Pentacosane	352	C25H52	000629-99-2	91
5	Heptacosane	380	C27H56	000593-49-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021279.D
Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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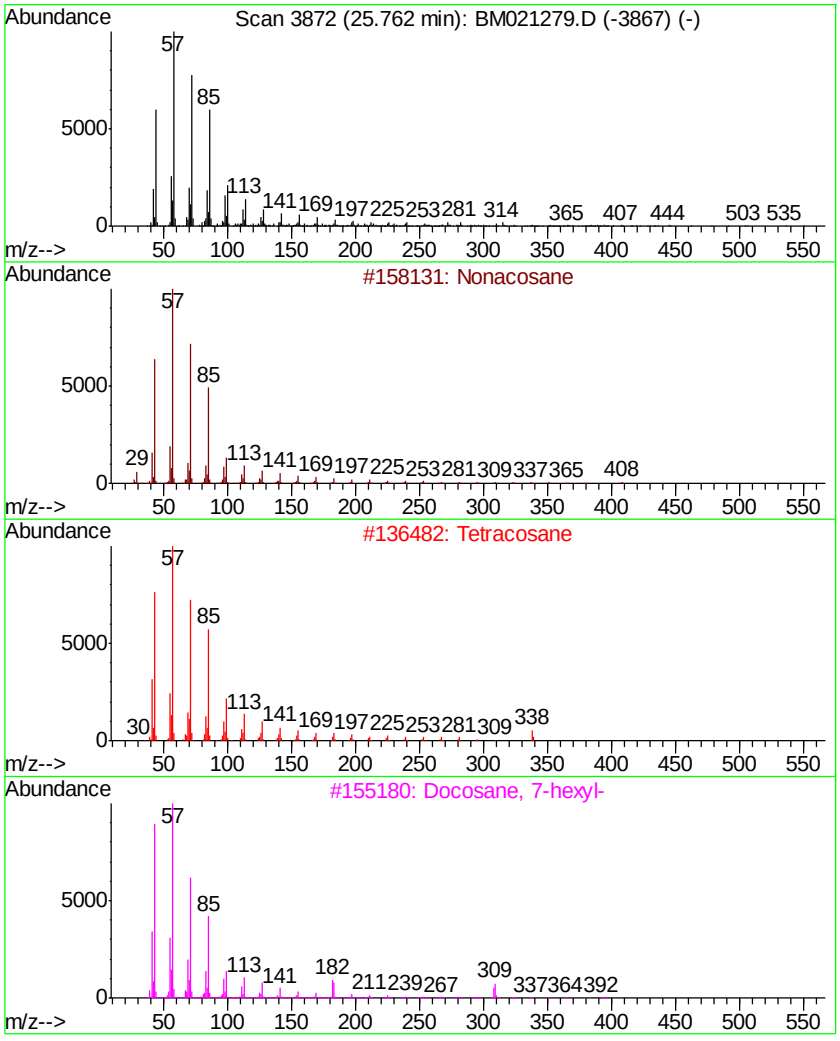
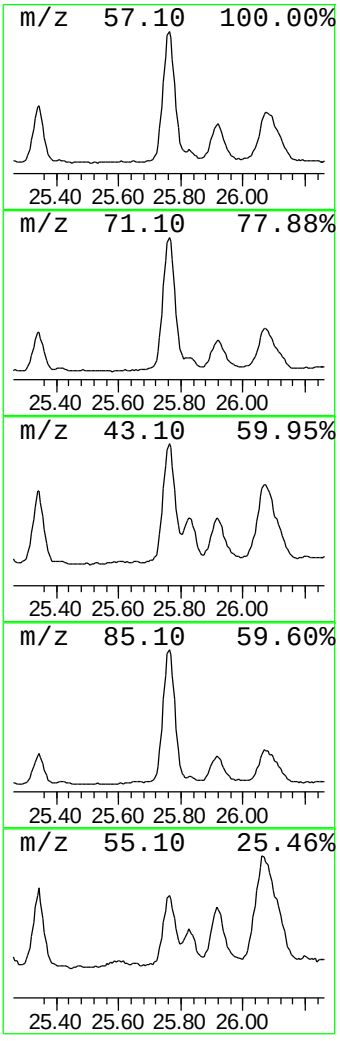
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.76	16.46 ng/ul	2814410	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	97
2	Tetracosane	338	C24H50	000646-31-1	96
3	Docosane, 7-hexyl-	394	C28H58	055373-86-9	94
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
Data File : BM021279.D
Acq On : 30 Jun 2019 01:30
Operator : HP/JU
Sample : K3590-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.02	33.0	ng/ul	3340830	1	7.76	2026420	20.0
Cyclotrisiloxane,...	4.40	5.2	ng/ul	521356	1	7.76	2026420	20.0
Bicyclo[3.1.0]hex...	6.27	4.5	ng/ul	454497	1	7.76	2026420	20.0
1R-.alpha.-Pinene	6.43	25.2	ng/ul	2555670	1	7.76	2026420	20.0
Cyclotetrasiloxan...	6.86	3.7	ng/ul	373876	1	7.76	2026420	20.0
.beta.-Pinene	7.19	11.8	ng/ul	1192280	1	7.76	2026420	20.0
Cyclopentasiloxan...	9.29	2.1	ng/ul	308540	2	10.55	2872520	20.0
unknown-01	9.85	3.7	ng/ul	531943	2	10.55	2872520	20.0
3-Cyclohexen-1-ol...	10.40	5.7	ng/ul	811698	2	10.55	2872520	20.0
unknown-02	13.26	3.5	ng/ul	660326	3	14.40	3763730	20.0
1,4-Methanoazulen...	13.66	2.2	ng/ul	410272	3	14.40	3763730	20.0
Caryophyllene	13.71	7.9	ng/ul	1486910	3	14.40	3763730	20.0
Naphthalene, 1,2,...	14.23	2.2	ng/ul	408939	3	14.40	3763730	20.0
1,6-Cyclodecadien...	14.35	7.3	ng/ul	1370580	3	14.40	3763730	20.0
Dodecanoic acid	14.82	2.9	ng/ul	539266	3	14.40	3763730	20.0
1-Hydroxy-1,7-dim...	15.29	2.6	ng/ul	499168	3	14.40	3763730	20.0
unknown-03	15.31	4.5	ng/ul	848762	3	14.40	3763730	20.0
.alpha.-Cadinol	15.97	4.2	ng/ul	941473	4	17.15	4518080	20.0
Tetradecanoic acid	16.26	2.4	ng/ul	533319	4	17.15	4518080	20.0
7-Acetyl-2-hydrox...	16.66	5.1	ng/ul	1148440	4	17.15	4518080	20.0
4-Acetamido-2,2,6...	16.97	3.6	ng/ul	811613	4	17.15	4518080	20.0
3,5-Pyridinediol,...	17.32	30.4	ng/ul	6862660	4	17.15	4518080	20.0
Tridecanoic acid	17.79	4.7	ng/ul	1049820	4	17.15	4518080	20.0
9-Hexadecenoic acid	17.94	54.0	ng/ul	12209900	4	17.15	4518080	20.0
Hexadecenoic acid...	18.00	29.4	ng/ul	6635930	4	17.15	4518080	20.0
n-Hexadecanoic acid	18.08	118.7	ng/ul	26806300	4	17.15	4518080	20.0
unknown-04	18.32	12.5	ng/ul	2818250	4	17.15	4518080	20.0
(DEL) Alkane: Cyc...	18.35	3.5	ng/ul	802978	4	17.15	4518080	20.0
unknown-05	18.48	3.3	ng/ul	741945	4	17.15	4518080	20.0
1H-Naphtho[2,1-b]...	18.66	9.1	ng/ul	2060190	4	17.15	4518080	20.0
Heptadecanoic acid	18.72	2.9	ng/ul	659689	4	17.15	4518080	20.0
(DEL) Alkane: Cyc...	21.94	17.8	ng/ul	4446320	5	21.34	4995370	20.0
(DEL) Alkane: Str...	24.13	35.6	ng/ul	6086880	6	23.61	3419990	20.0
(DEL) Alkane: Str...	25.76	16.5	ng/ul	2814410	6	23.61	3419990	20.0