LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020982.D
Acq On : 17 Jun 2019 17:00
Operator : HP/JU
Sample : K3231-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M4

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	3.034	4	8	27	rVB	2244090	2890727	31.93%	2.821%
2	3.811	136	140	144	rVB	28716	39076	0.43%	0.038%
3	4.922	325	329	339	rVB2	22109	45744	0.51%	0.045%
4	5.793	472	477	481	rVB	37047	53207	0.59%	0.052%
5	6.475	586	593	599	rVB	134241	215333	2.38%	0.210%
6	6.781	640	645	650	rBV3	26880	42302	0.47%	0.041%
7	6.957	669	675	691	rVB2	658372	1153938	12.75%	1.126%
8	7.128	699	704	715	rBV	469406	731975	8.08%	0.714%
9	7.322	731	737	746	rVB	651809	1022370	11.29%	0.998%
10	7.793	810	817	824	rBV	1025234	1612690	17.81%	1.574%
11	8.493	929	936	945	rBV	695287	1106514	12.22%	1.080%
12	8.951	1008	1014	1026	rVB	629449	1024264	11.31%	0.999%
13	9.669	1128	1136	1149	rBV	516156	861287	9.51%	0.840%
14	9.816	1154	1161	1169	rBV2	18450	46501	0.51%	0.045%
15	10.198	1219	1226	1237	rBV	948093	1602994	17.71%	1.564%
16	10.581	1282	1291	1299	rBV	1517584	2565242	28.33%	2.503%
17	10.728	1309	1316	1328	rBV	149511	284508	3.14%	0.278%
18	12.116	1542	1552	1556	rBV	45335	82541	0.91%	0.081%
19	12.222	1565	1570	1583	rVB2	49318	93730	1.04%	0.091%
20	12.775	1659	1664	1672	rVV3	92481	168232	1.86%	0.164%
21	13.028	1703	1707	1713	rVB	29485	42943	0.47%	0.042%
22	13.157	1722	1729	1738	rBV6	44696	111048	1.23%	0.108%
23	13.298	1746	1753	1761	rBV2	148306	334670	3.70%	0.327%
24	13.533	1785	1793	1798	rBV5	23709	54075	0.60%	0.053%
25	13.745	1823	1829	1836	rVV	3088022	4211772	46.52%	4.110%
26	13.839	1837	1845	1850	rVV	1923504	2894281	31.97%	2.824%
27	13.886	1850	1853	1860	rVV	1120378	1520764	16.80%	1.484%
28	14.075	1880	1885	1887	rBV3	28514	39021	0.43%	0.038%
29	14.122	1887	1893	1900	rVV	2045141	3136070	34.64%	3.060%
30	14.181	1900	1903	1911	rVB4	23249	38653	0.43%	0.038%
31	14.263	1911	1917	1921	rBV2	83040	120457	1.33%	0.118%
32	14.316	1921	1926	1929	rVV5	27542	48721	0.54%	0.048%
33	14.351	1929	1932	1934	rVV3	32804	43504	0.48%	0.042%
34	14.380	1934	1937	1940	rVV	67752	99416	1.10%	0.097%

LSC Area Percent Report

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Acq On : 17 Jun 2019 17:00
Operator : HP/JU
Sample : K3231-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M4

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	14.433	1940	1946	1952	rVV2	2555052	3975129	43.91%	3.879%
36	14.492	1952	1956	1969	rVB4	169988	399521	4.41%	0.390%
37	14.633	1974	1980	1984	rBV	573261	857569	9.47%	0.837%
38	14.675	1984	1987	1992	rVV	274059	416828	4.60%	0.407%
39	14.745	1992	1999	2005	rVV3	245434	582523	6.43%	0.568%
40	14.851	2010	2017	2025	rVB7	75358	162648	1.80%	0.159%
41	15.045	2042	2050	2054	rBV5	52772	78902	0.87%	0.077%
42	15.222	2076	2080	2084	rBV	103530	135668	1.50%	0.132%
43	15.316	2092	2096	2100	rBV3	62555	108318	1.20%	0.106%
44	15.363	2100	2104	2108	rVV	176384	259691	2.87%	0.253%
45	15.422	2108	2114	2123	rVV	3018016	4385334	48.44%	4.279%
46	15.492	2123	2126	2130	rVV5	22760	39641	0.44%	0.039%
47	15.545	2130	2135	2143	rVB	639322	892021	9.85%	0.870%
48	15.616	2143	2147	2151	rVB5	22586	39786	0.44%	0.039%
49	15.663	2151	2155	2161	rVB3	50124	78098	0.86%	0.076%
50	15.763	2162	2172	2177	rBV3	117732	234655	2.59%	0.229%
51	15.904	2186	2196	2202	rVB	277901	495889	5.48%	0.484%
52	15.998	2205	2212	2218	rVB9	41510	94329	1.04%	0.092%
53	16.098	2225	2229	2231	rVV2	60930	84648	0.93%	0.083%
54	16.133	2231	2235	2243	rVB5	69503	145910	1.61%	0.142%
55	16.827	2348	2353	2358	rBV3	31266	49882	0.55%	0.049%
56	16.922	2363	2369	2373	rBV5	38884	73340	0.81%	0.072%
57	16.969	2373	2377	2388	rVB4	25343	66575	0.74%	0.065%
58	17.069	2389	2394	2395	rBV2	45443	56575	0.62%	0.055%
59	17.092	2395	2398	2402	rVV2	57447	71119	0.79%	0.069%
60	17.180	2406	2413	2422	rVV2	3459649	5083715	56.15%	4.961%
61	17.274	2423	2429	2436	rVV	3005772	4187834	46.26%	4.087%
62	17.333	2436	2439	2442	rVV2	82559	110406	1.22%	0.108%
63	17.374	2442	2446	2453	rVB5	49240	82110	0.91%	0.080%
64	17.463	2456	2461	2467	rVV	57036	83434	0.92%	0.081%
65	17.557	2472	2477	2483	rVB4	59560	94266	1.04%	0.092%
66	17.839	2522	2525	2532	rVB3	33788	44248	0.49%	0.043%
67	17.939	2536	2542	2550	rBV6	50198	112138	1.24%	0.109%
68	18.068	2558	2564	2573	rBV	847046	1275340	14.09%	1.244%
69	18.139	2573	2576	2583	rVB	104516	148457	1.64%	0.145%
70	18.357	2609	2613	2618	rBV3	71196	102015	1.13%	0.100%
71	18.492	2633	2636	2639	rBV3	40370	47661	0.53%	0.047%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3231-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M4

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	18.927	2706	2710	2714	rBV2	70314	95104	1.05%	0.093%
73	18.992	2717	2721	2727	rVB2	100405	133319	1.47%	0.130%
74	19.204	2753	2757	2758	rBV2	82914	101686	1.12%	0.099%
75	19.227	2758	2761	2763	rVV2	65042	83151	0.92%	0.081%
76	19.345	2777	2781	2792	rBV	387357	648524	7.16%	0.633%
77	19.568	2813	2819	2824	rBV	3586749	4885466	53.96%	4.767%
78	19.962	2879	2886	2890	rBV2	630604	878817	9.71%	0.858%
79	20.010	2891	2894	2901	rVB2	131625	174518	1.93%	0.170%
80	20.074	2902	2905	2907	rBV2	71184	88884	0.98%	0.087%
81	20.110	2907	2911	2914	rBV	657863	745272	8.23%	0.727%
82	20.398	2957	2960	2963	rBV	83596	111298	1.23%	0.109%
83	20.515	2977	2980	2982	rBV2	88226	100593	1.11%	0.098%
84	20.545	2982	2985	2990	rVB	163674	199320	2.20%	0.194%
85	20.604	2991	2995	3000	rVB2	188807	234171	2.59%	0.229%
86	20.698	3009	3011	3016	rVB2	73037	95662	1.06%	0.093%
87	20.757	3017	3021	3029	rVV	363036	479093	5.29%	0.468%
88	20.915	3043	3048	3053	rBV	8243782	9053518	100.00%	8.835%
89	21.062	3069	3073	3084	rVB	1409626	1703841	18.82%	1.663%
90	21.357	3118	3123	3135	rBV	3878278	5276355	58.28%	5.149%
91	21.504	3144	3148	3156	rBV	453075	574044	6.34%	0.560%
92	21.962	3219	3226	3237	rBV2	1209629	2690465	29.72%	2.625%
93	22.415	3298	3303	3307	rBV	836854	1160941	12.82%	1.133%
94	22.927	3385	3390	3395	rBV	1826213	2758893	30.47%	2.692%
95	22.980	3395	3399	3407	rVB2	400079	651680	7.20%	0.636%
96	23.492	3480	3486	3496	rVB2	2351318	4928578	54.44%	4.809%
97	23.639	3504	3511	3531	rVB	2481815	5234761	57.82%	5.108%
98	24.162	3594	3600	3609	rVB	1388715	2707471	29.91%	2.642%
99	24.927	3724	3730	3738	rVB	499292	1082603	11.96%	1.056%
100	26.738	4030	4038	4049	rVB3	690011	2105972	23.26%	2.055%

Sum of corrected areas: 102478793

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020982.D
Acq On : 17 Jun 2019 17:00
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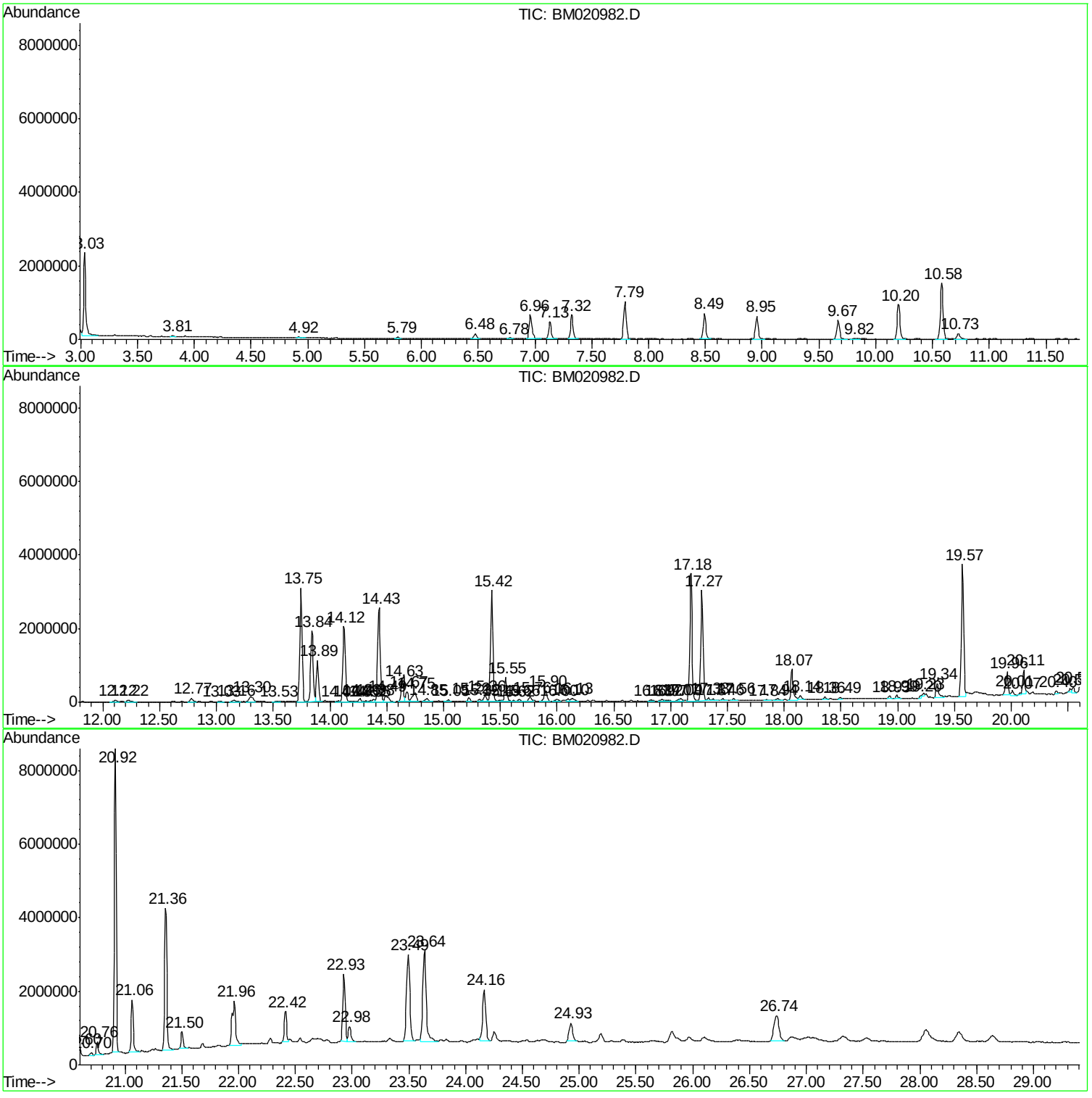
Sample : K3231-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M4

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\BM061719\
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Acq On : 17 Jun 2019 17:00
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Instrument : BNA_M
ClientSampleId : DB8M4

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

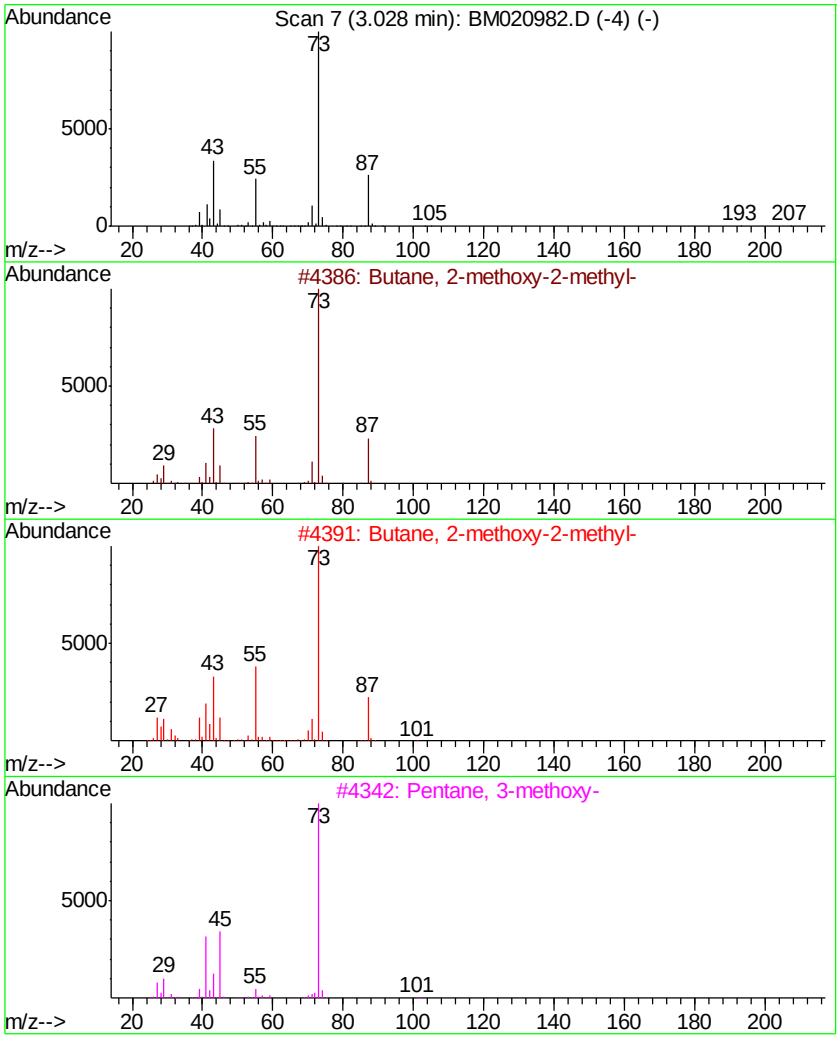
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

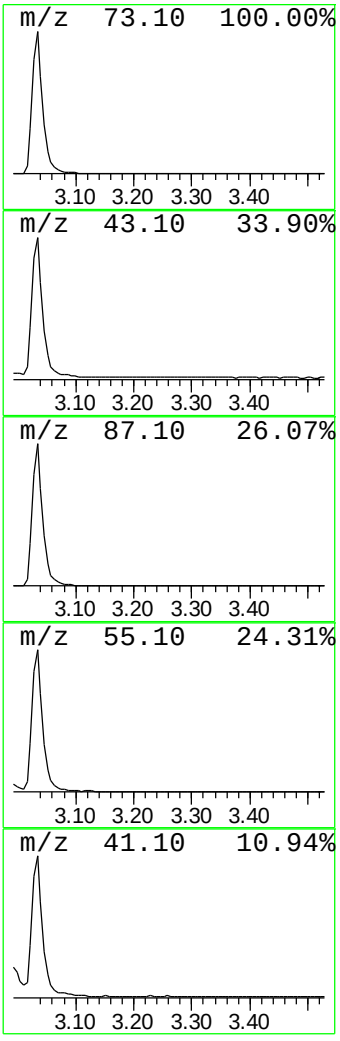
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	35.85 ng/ul	2890730	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020982.D
Acq On : 17 Jun 2019 17:00
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Sample : K3231-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M4

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

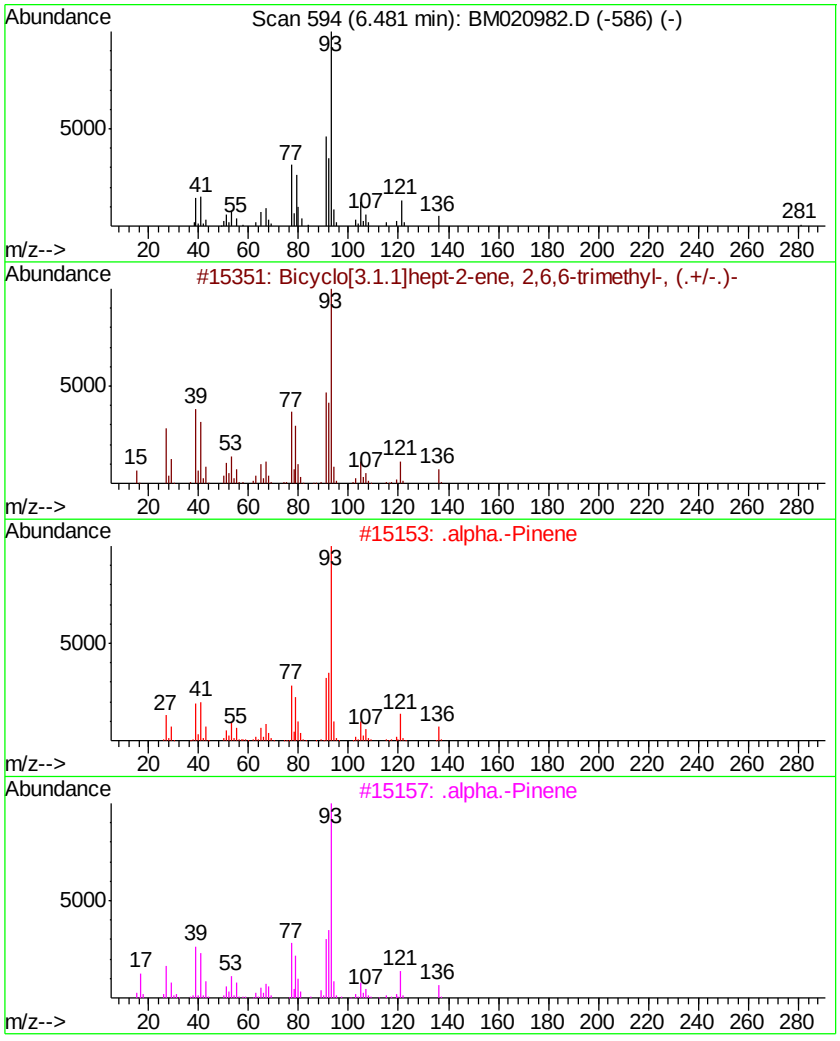
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

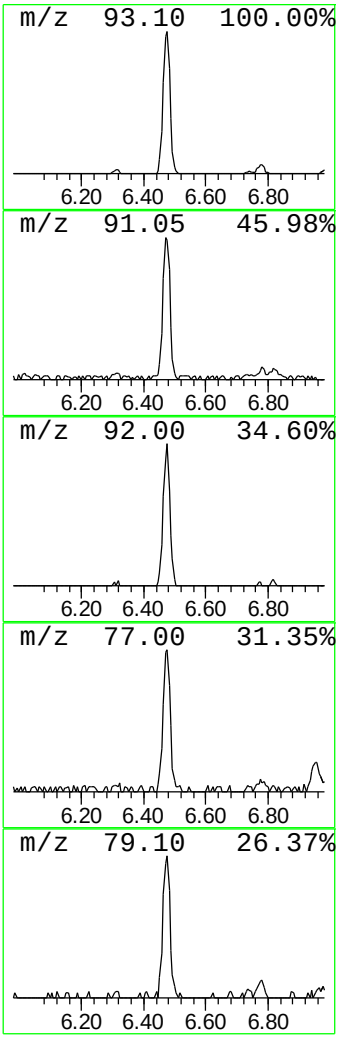
****

Peak Number 2 Bicyclo[3.1.1]hept-2-ene, 2... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	2.67 ng/ul	215333	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]hept-2-ene, 2,6,6-...	136	C10H16	002437-95-8	94
2	.alpha.-Pinene	136	C10H16	000080-56-8	91
3	.alpha.-Pinene	136	C10H16	000080-56-8	91
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	87





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : DB8M4

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

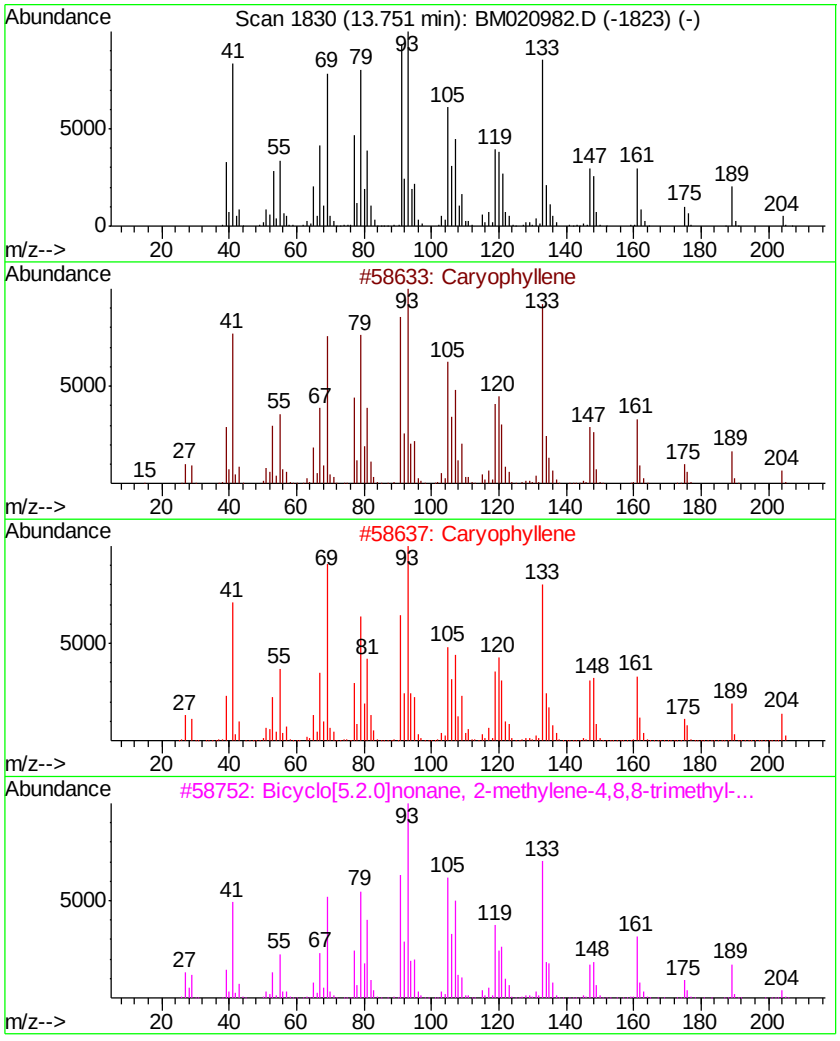
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

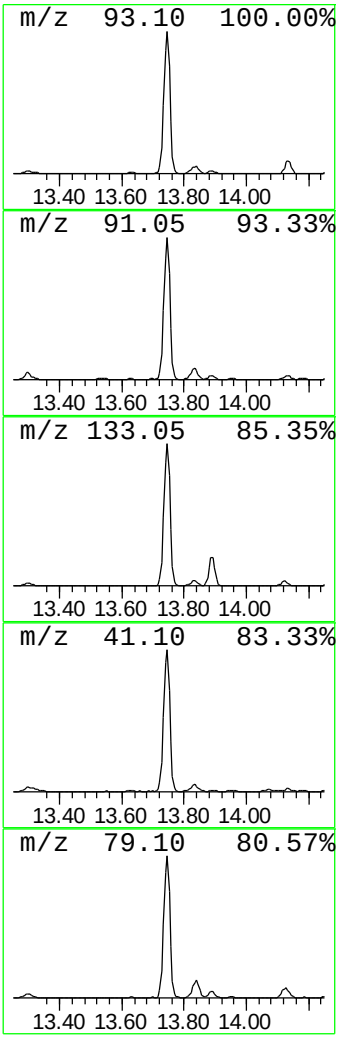
****

Peak Number 3 Caryophyllene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	21.19 ng/ul	4211770	Acenaphthene-d10	14.43

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





Library Search Compound Report

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Data File : BM020982.D
Acq On : 17 Jun 2019 17:00
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Sample : K3231-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M4

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

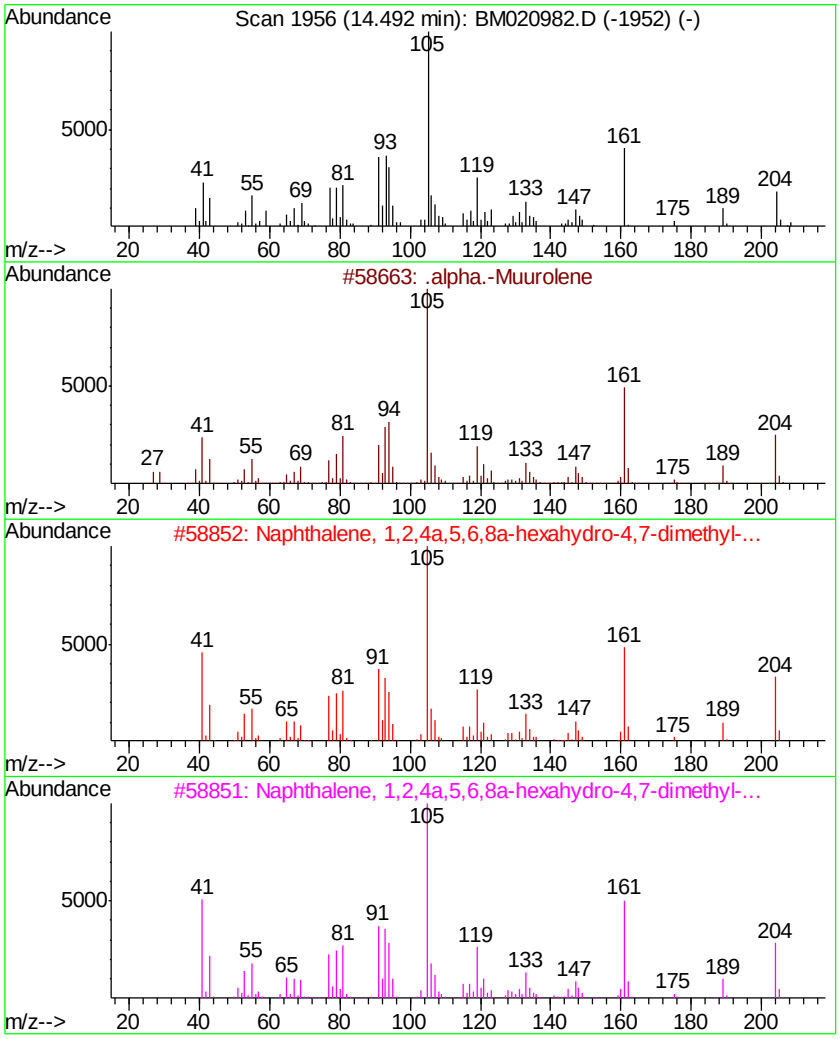
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

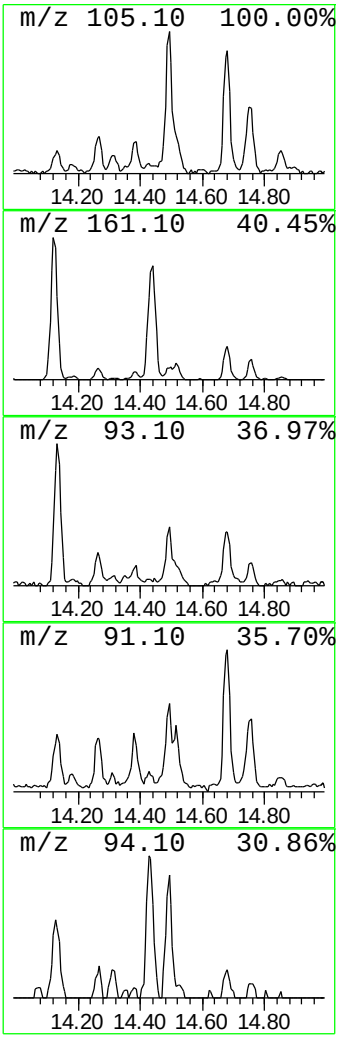
****

Peak Number 4 .alpha.-Muurolene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	2.01 ng/ul	399521	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Muurolene	204	C15H24	010208-80-7	93
2	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	031983-22-9	93
3	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	031983-22-9	93
4	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	031983-22-9	93
5	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	91





Library Search Compound Report

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Data File : BM020982.D
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Operator : HP/JU
Sample : K3231-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M4

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

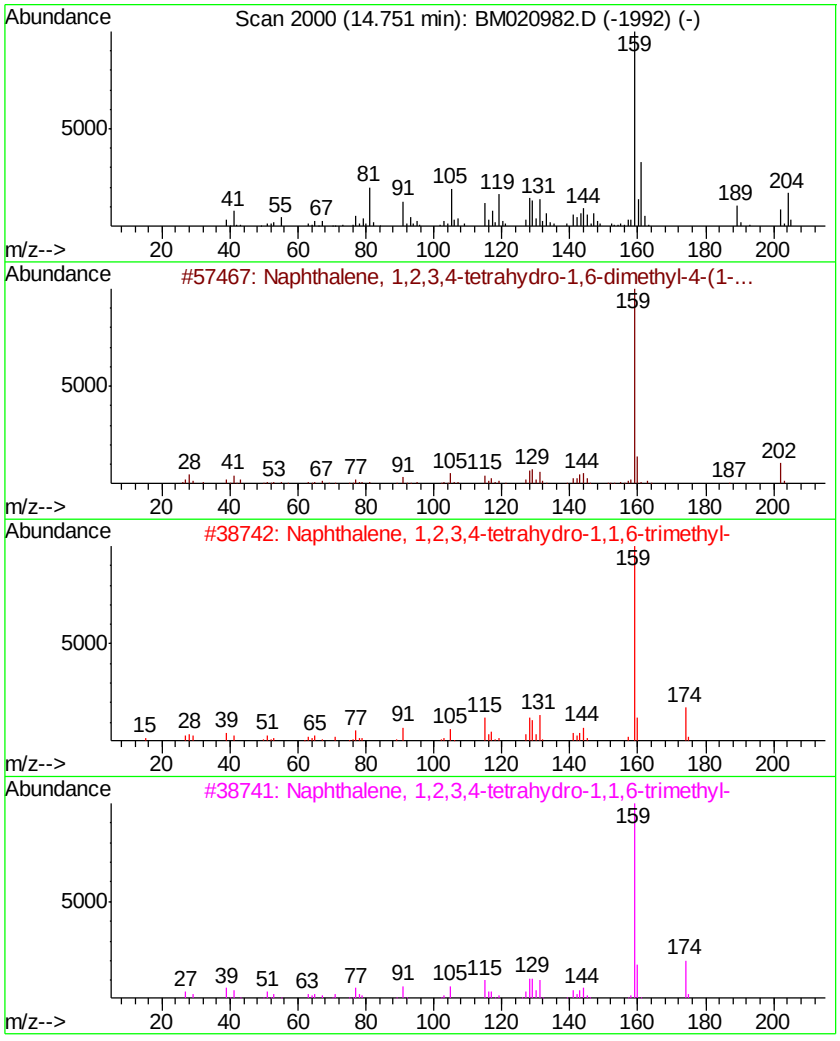
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

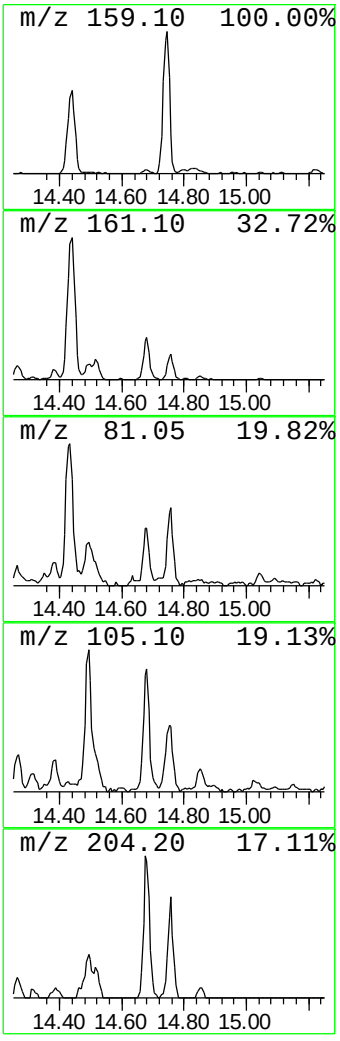
****

Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	2.93 ng/ul	582523	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	72
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	72
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	72
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	72





Library Search Compound Report

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Data File : BM020982.D
Acq On : 17 Jun 2019 17:00
Operator : HP/JU
Sample : K3231-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M4

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Quant Title : SVOA CALIBRATION

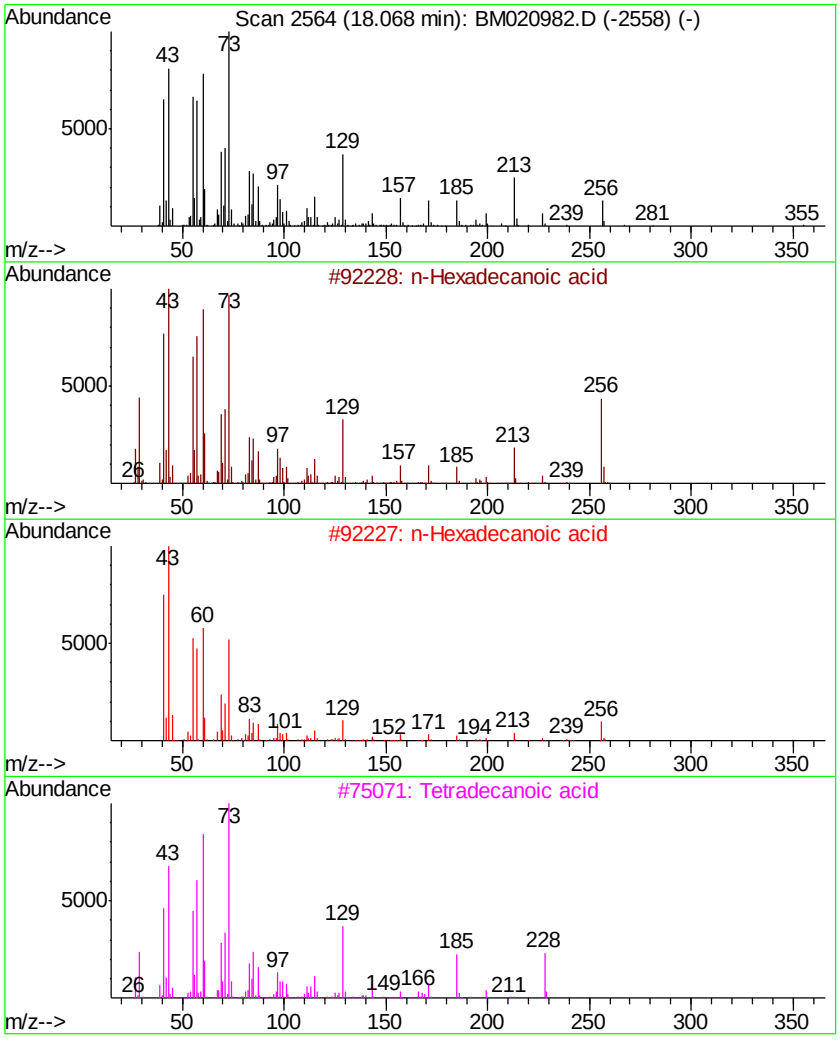
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

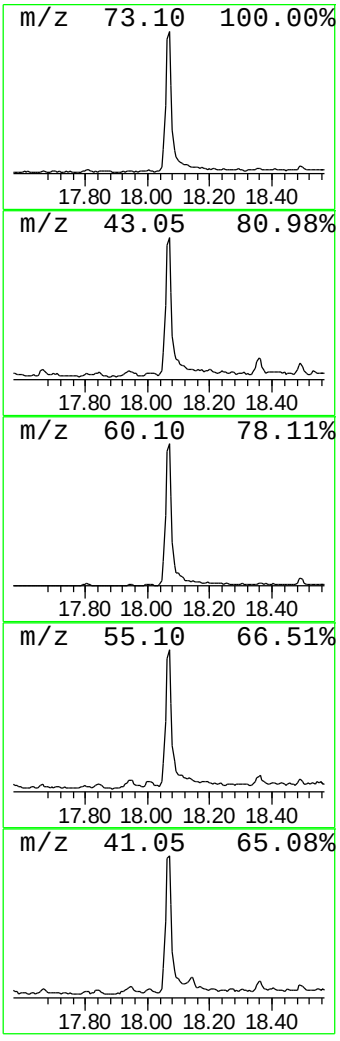
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	5.02 ng/ul	1275340	Phenanthrene-d10	17.17

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	97
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87





Library Search Compound Report

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Acq On : 17 Jun 2019 17:00
Operator : HP/JU
Sample : K3231-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M4

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Quant Title : SVOA CALIBRATION

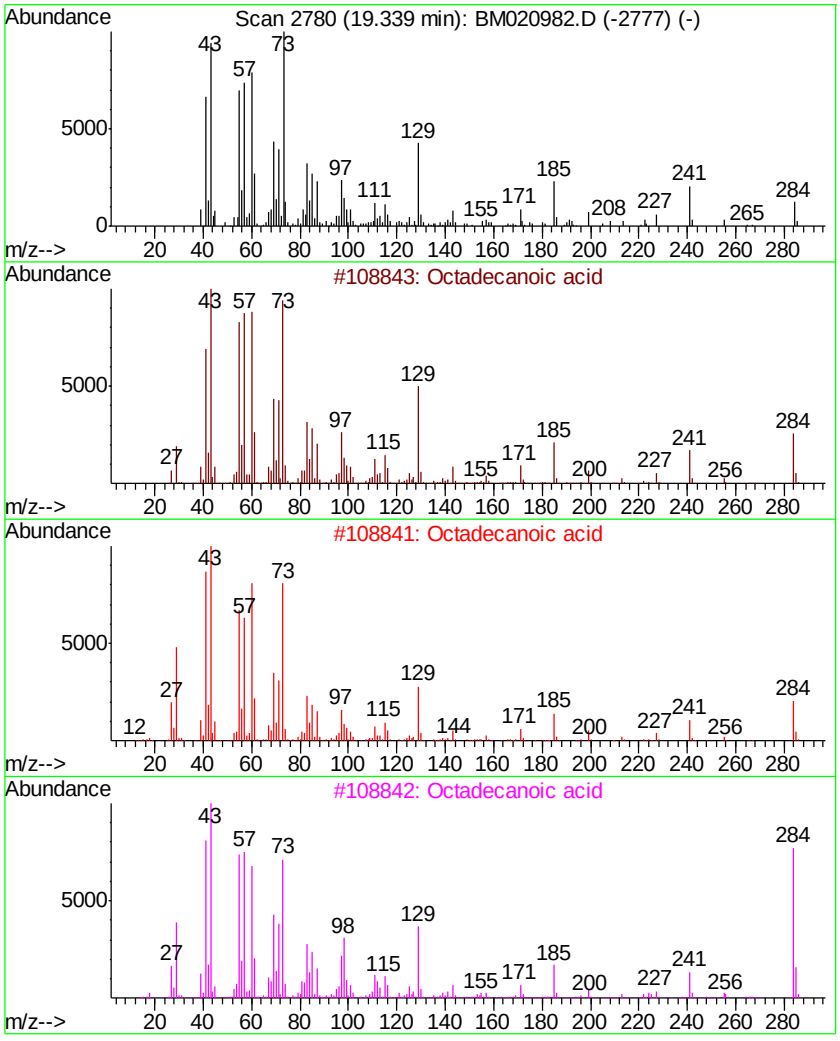
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

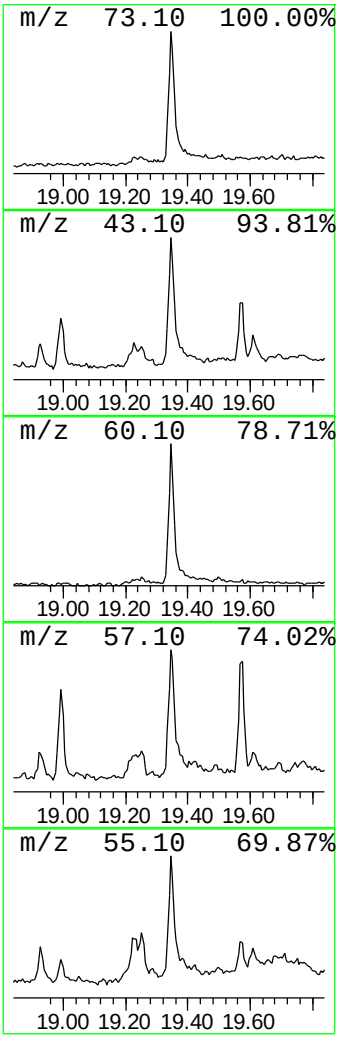
****

Peak Number 7 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	2.46 ng/ul	648524	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	89





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Misc :
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Instrument : BNA_M
ClientSampleId : DB8M4

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Quant Title : SVOA CALIBRATION

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

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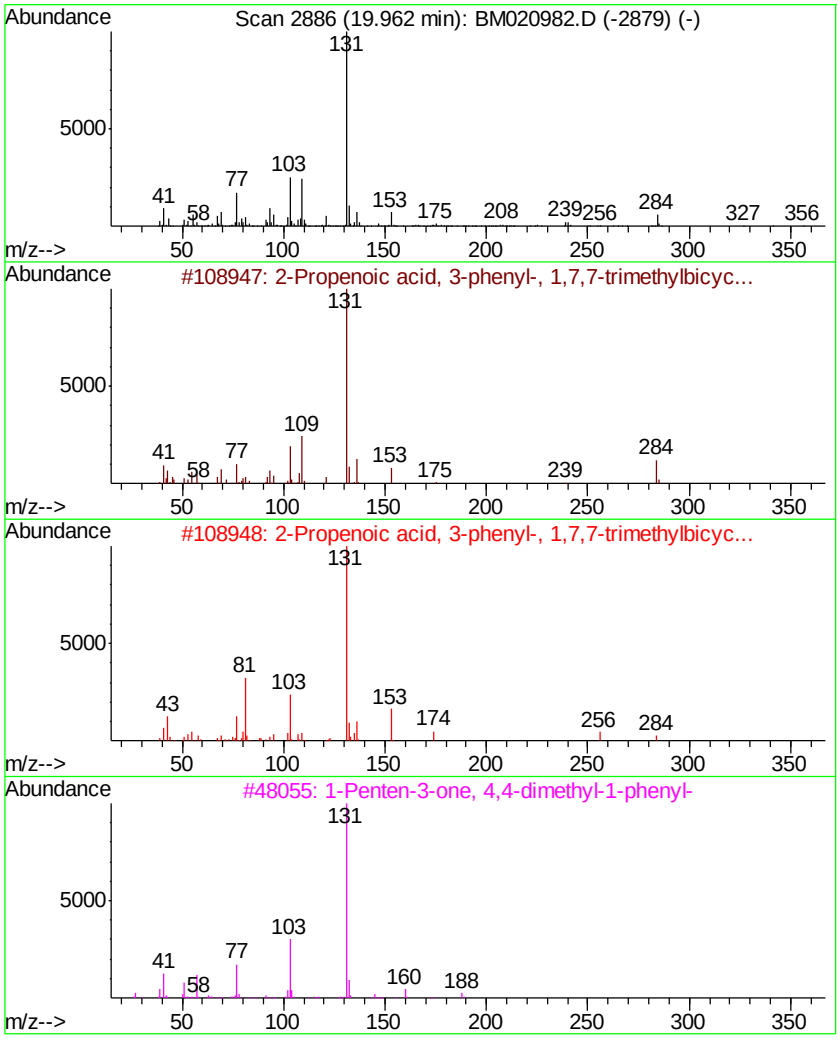
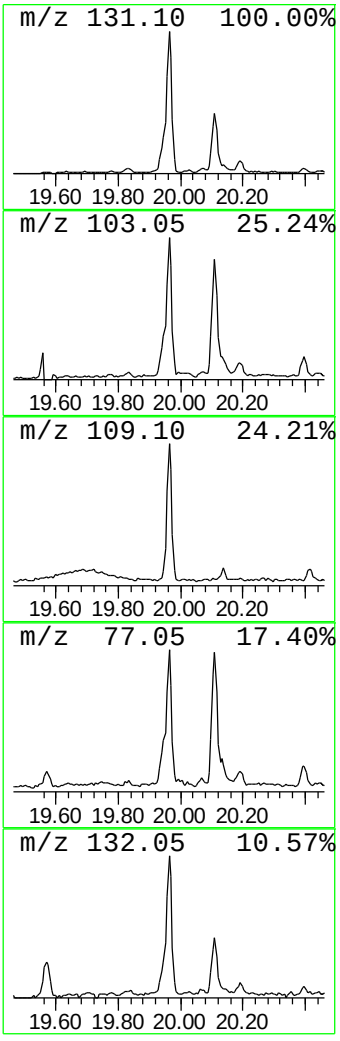
Peak Number 8 2-Propenoic acid, 3-phenyl-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	3.33 ng/ul	878817	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 3-phenyl-, 1,7...	284	C19H24O2	006330-67-2	90
2	2-Propenoic acid, 3-phenyl-, 1,7...	284	C19H24O2	006330-67-2	68
3	1-Penten-3-one, 4,4-dimethyl-1-p...	188	C13H16O	000538-44-3	53
4	2,4,5-Trichlorophenyl cinnamate	326	C15H9Cl3O2	1000242-39-6	53
5	4-Pentenoic acid, 2,2-diethyl-3-...	274	C17H22O3	337503-48-7	53





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Acq On : 17 Jun 2019 17:00
Operator : HP/JU
Sample : K3231-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M4

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Quant Title : SVOA CALIBRATION

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

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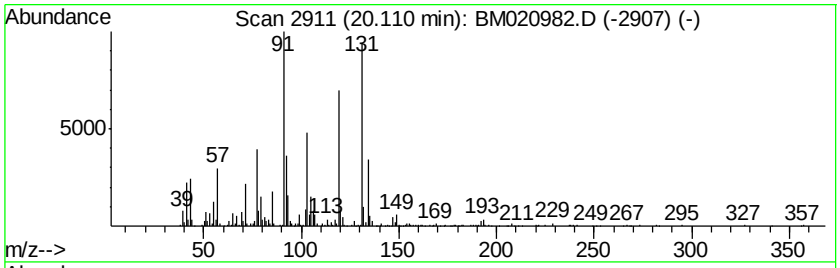
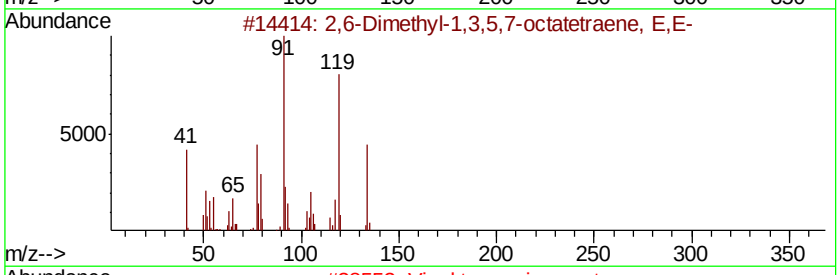
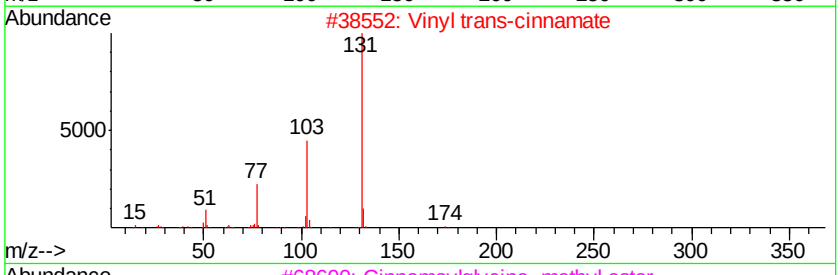
Peak Number 9 unknown-01 Concentration Rank 14

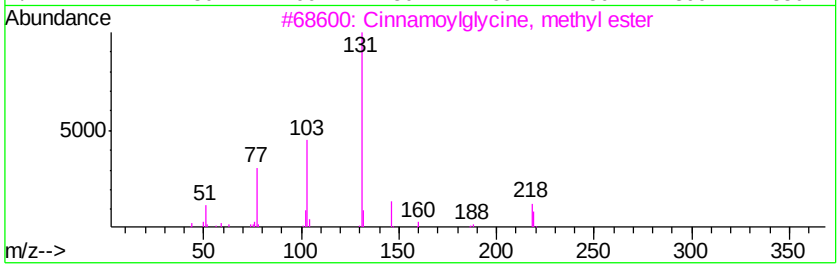
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	2.82 ng/ul	745272	Chrysene-d12	21.36

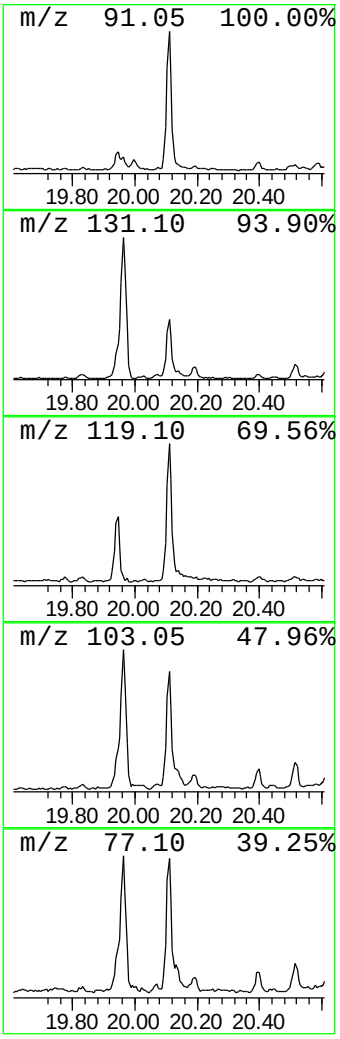
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	41
2	Vinyl trans-cinnamate	174	C11H10O2	017719-70-9	35
3	Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	27
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	27
5	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	18











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Acq On : 17 Jun 2019 17:00
Operator : HP/JU
Sample : K3231-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M4

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Quant Title : SVOA CALIBRATION

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

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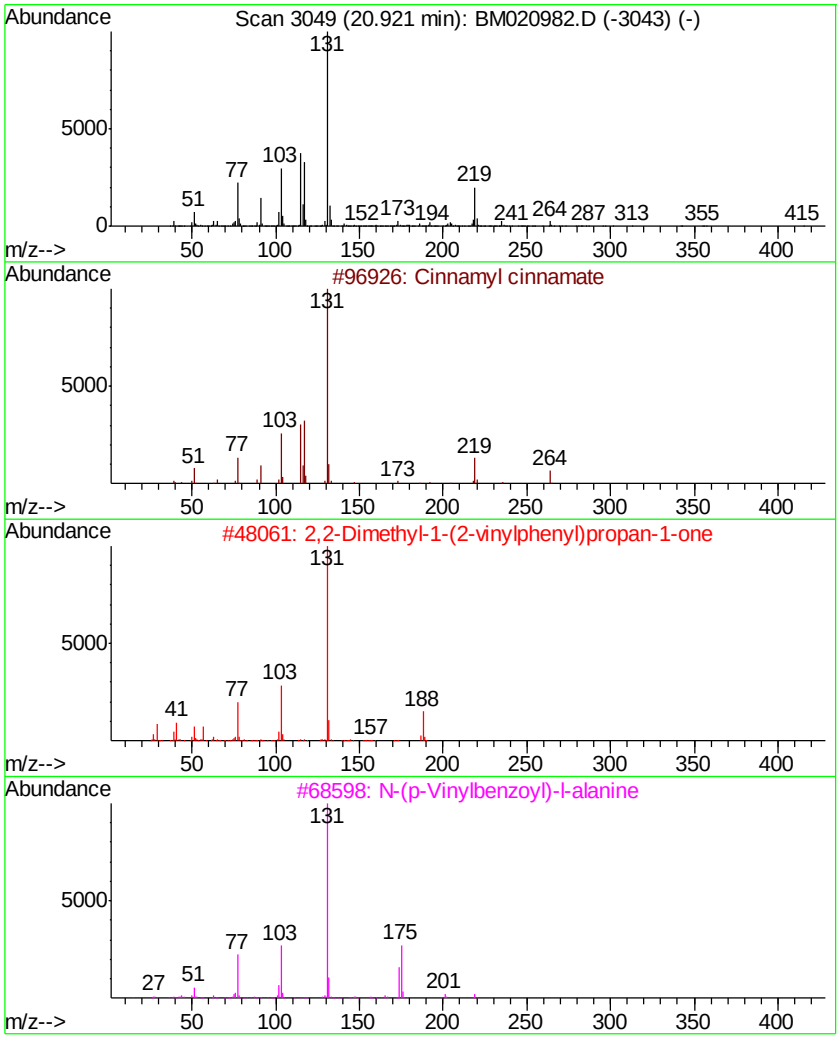
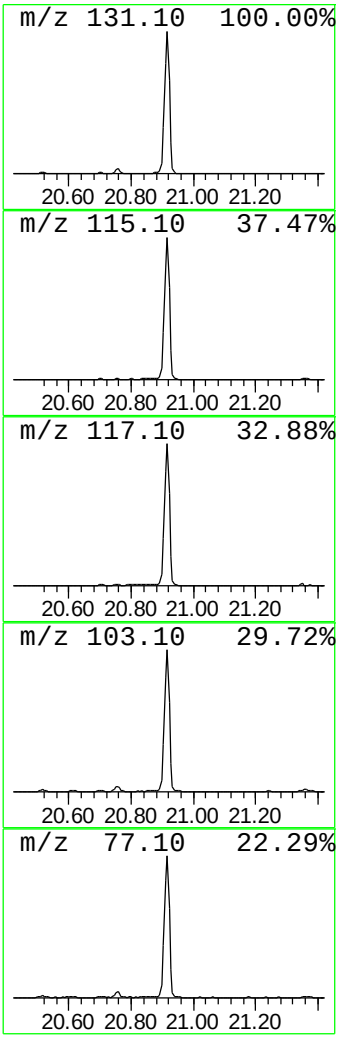
Peak Number 10 Cinnamyl cinnamate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	34.32 ng/ul	9053520	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	90
2	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	49
3	N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	47
4	Vinyl trans-cinnamate	174	C11H10O2	017719-70-9	47
5	1-Penten-3-one, 4,4-dimethyl-1-p...	188	C13H16O	000538-44-3	47





Library Search Compound Report

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Acq On : 17 Jun 2019 17:00
Operator : HP/JU
Sample : K3231-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M4

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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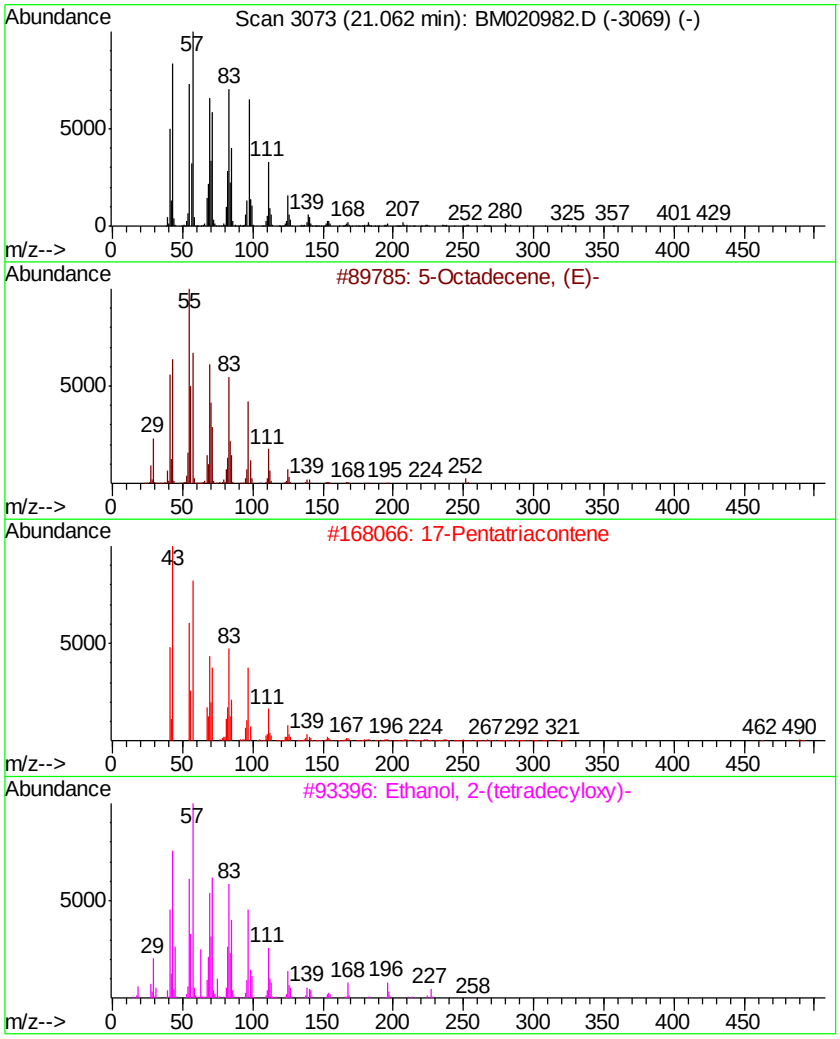
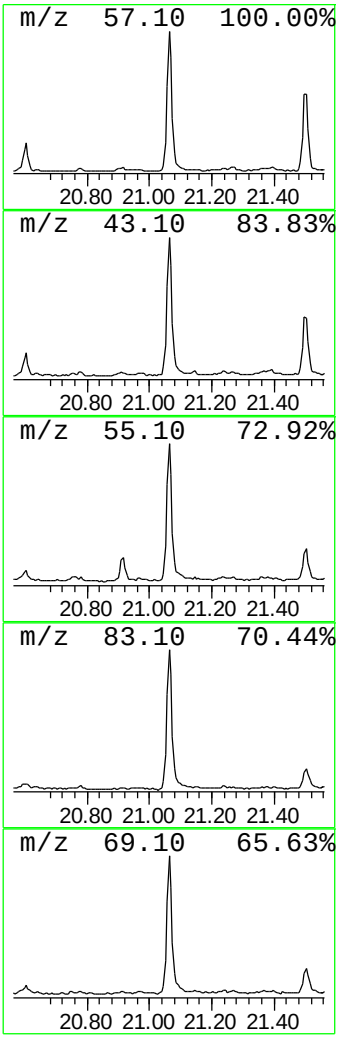
Peak Number 11 (DEL) Alkane: Cyclic21.06 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	6.46 ng/ul	1703840	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87





Library Search Compound Report

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Acq On : 17 Jun 2019 17:00
Operator : HP/JU
Sample : K3231-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M4

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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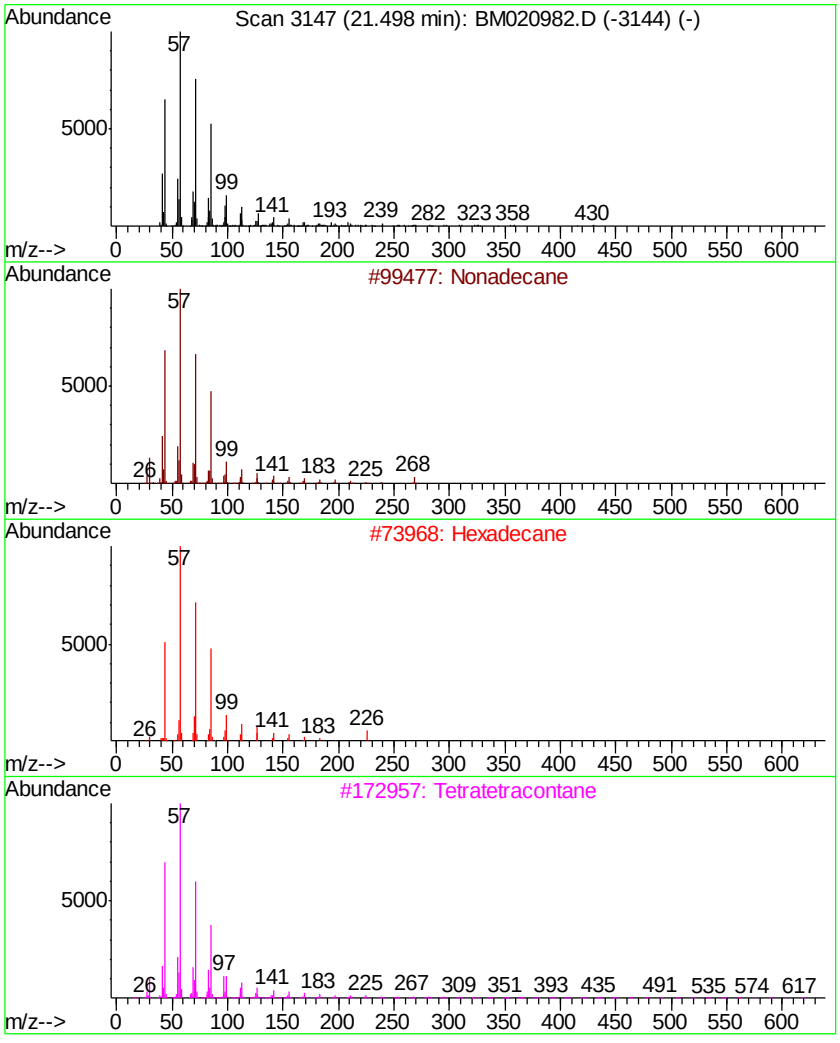
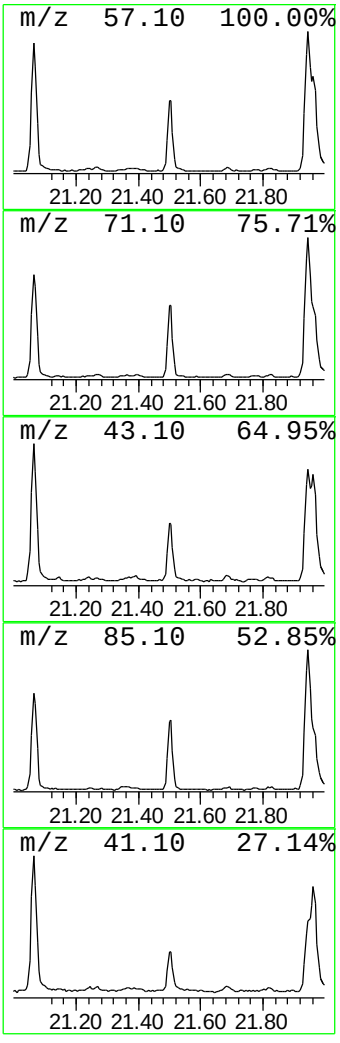
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	2.18 ng/ul	574044	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Hexadecane	226	C16H34	000544-76-3	93
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

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Acq On : 17 Jun 2019 17:00
Operator : HP/JU
Sample : K3231-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M4

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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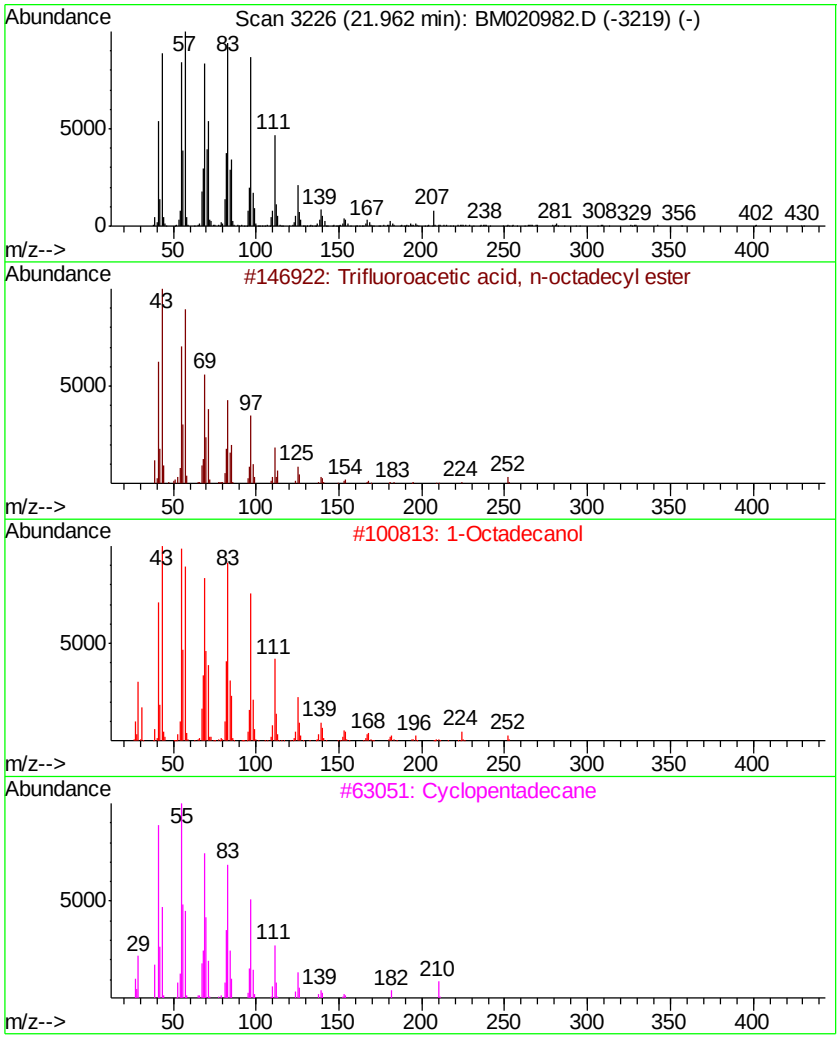
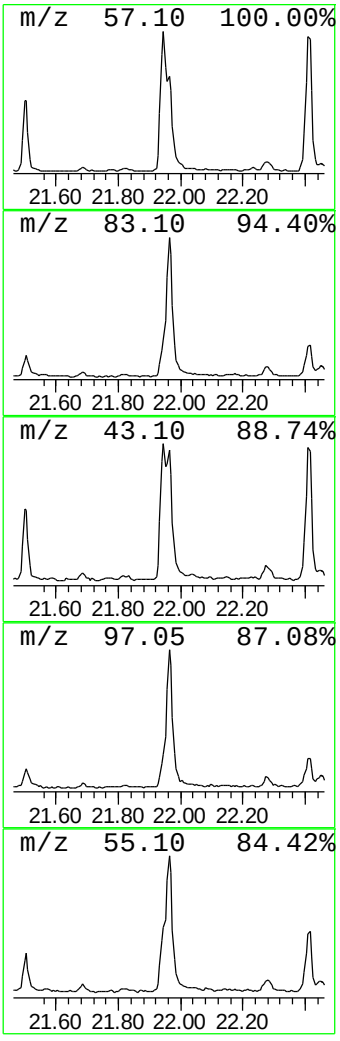
Peak Number 13 Trifluoroacetic acid, n-oct... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.96	10.20 ng/ul	2690470	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
2	1-Octadecanol	270	C18H38O	000112-92-5	90
3	Cyclopentadecane	210	C15H30	000295-48-7	89
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	87
5	1-Octadecanol	270	C18H38O	000112-92-5	87





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M4

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Quant Title : SVOA CALIBRATION

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

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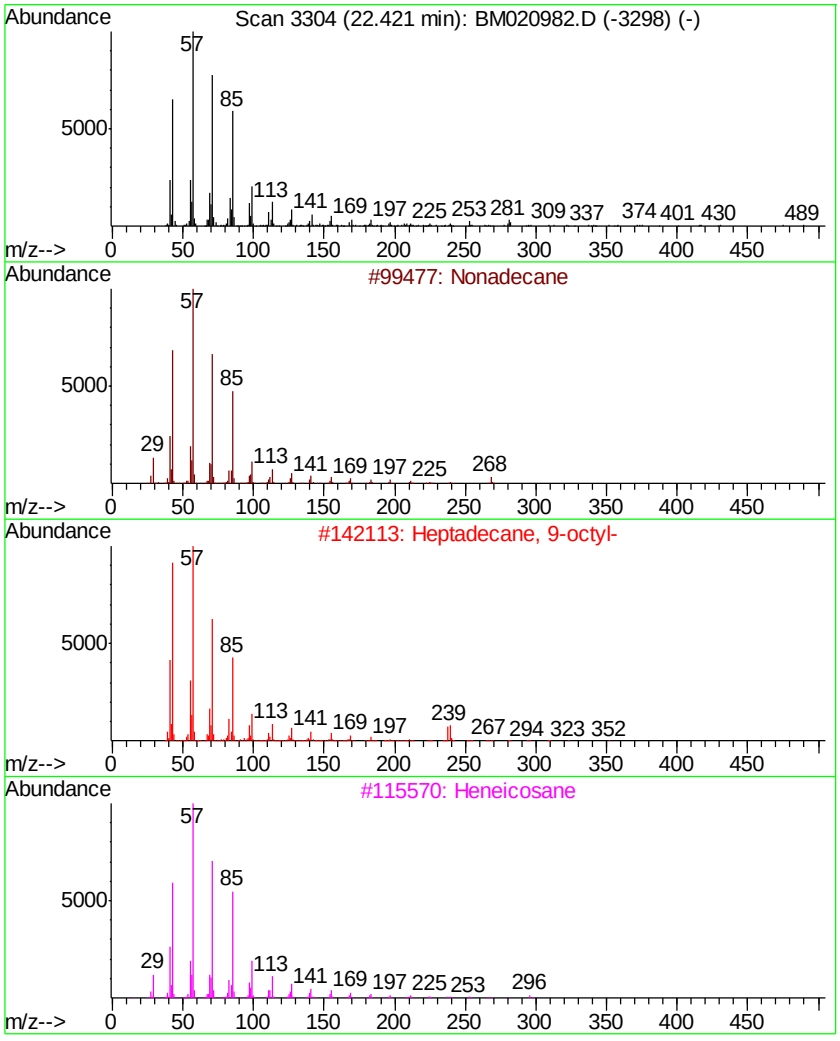
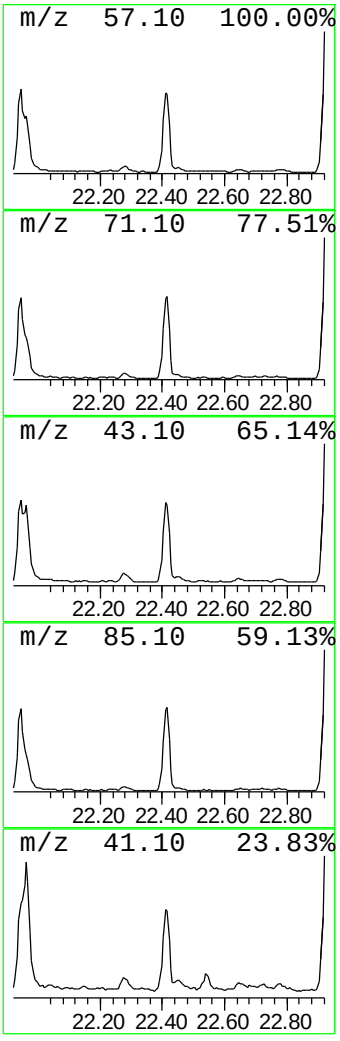
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	4.40 ng/ul	1160940	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	91
5	Octacosane	394	C28H58	000630-02-4	91





Library Search Compound Report

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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M4

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Quant Title : SVOA CALIBRATION

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

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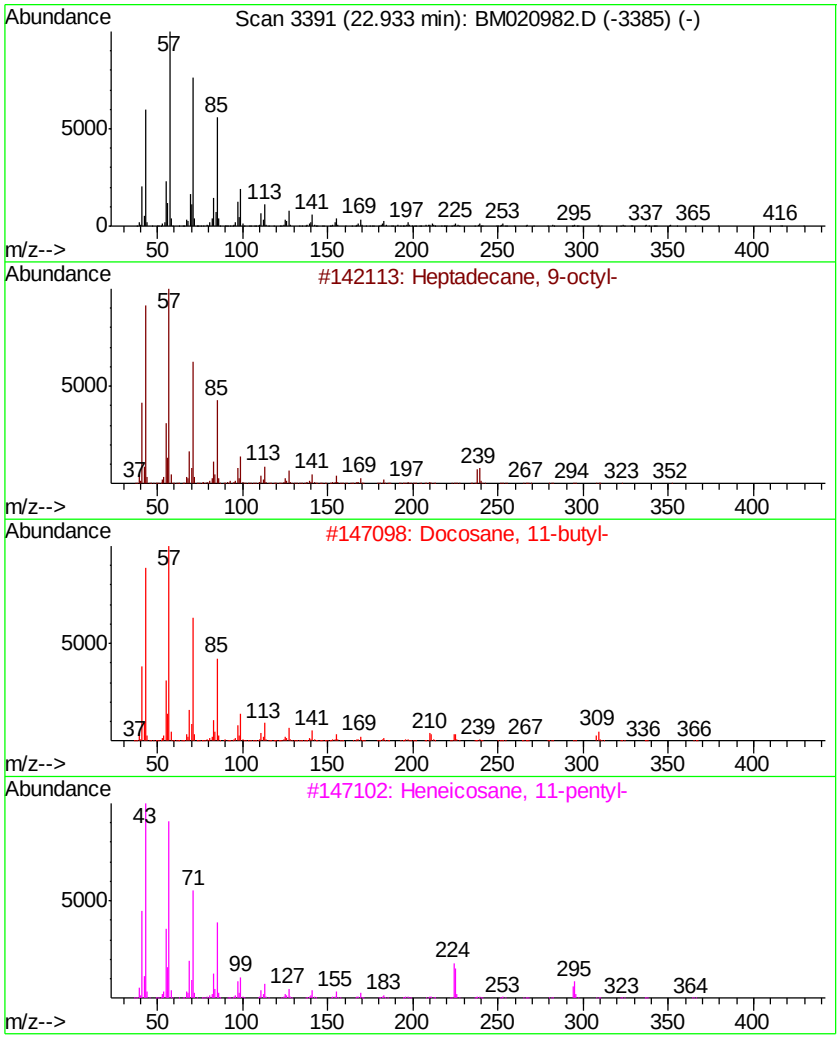
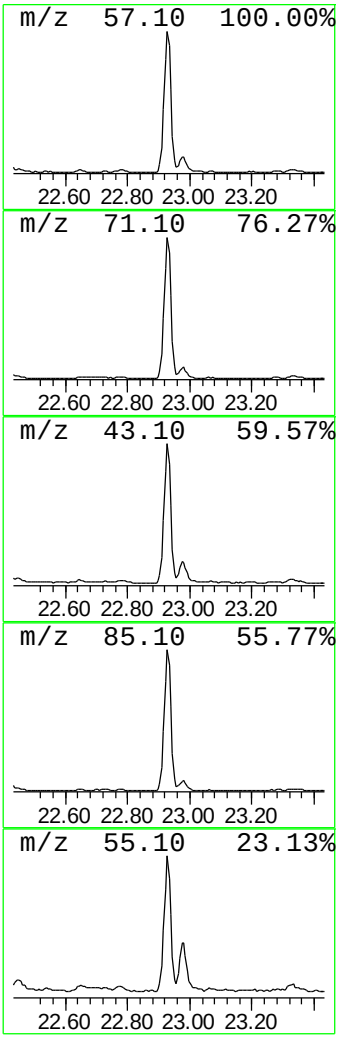
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.93	10.54 ng/ul	2758890	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	93





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Instrument : BNA_M
ClientSampleId : DB8M4

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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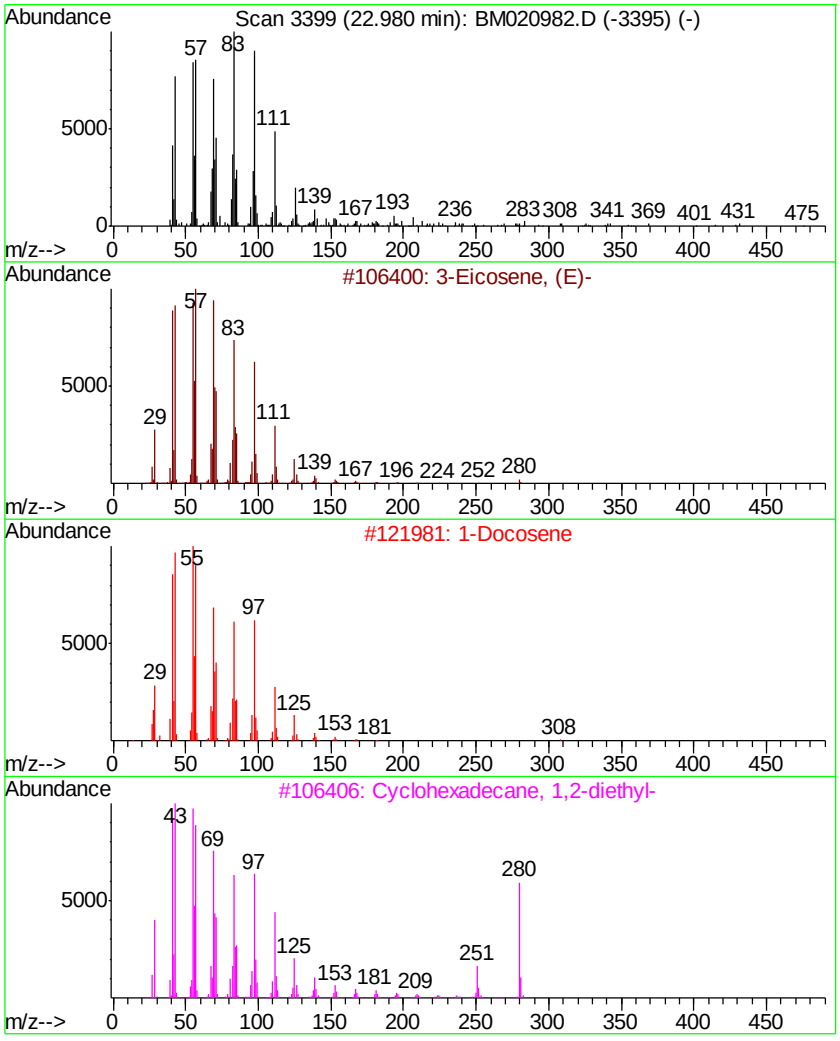
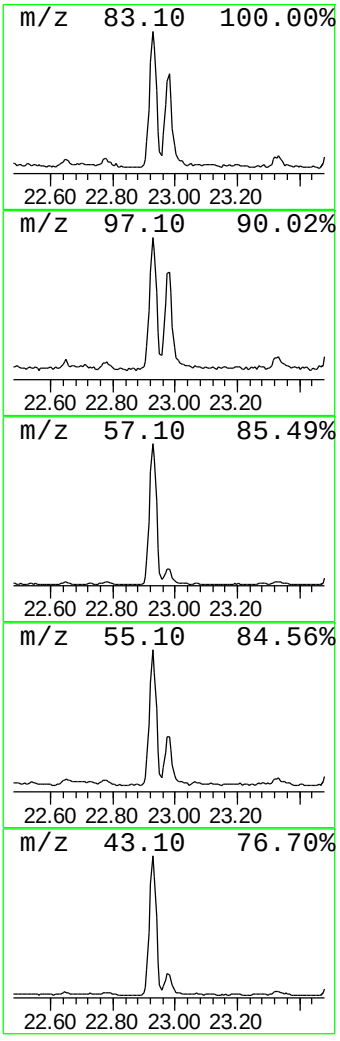
Peak Number 16 (DEL) Alkane: Cyclic22.98 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.98	2.49 ng/ul	651680	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	92
2	1-Docosene	308	C22H44	001599-67-3	78
3	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	76
4	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	74
5	1-Docosanol	326	C22H46O	000661-19-8	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020982.D
Acq On : 17 Jun 2019 17:00
Operator : HP/JU
Sample : K3231-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M4

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

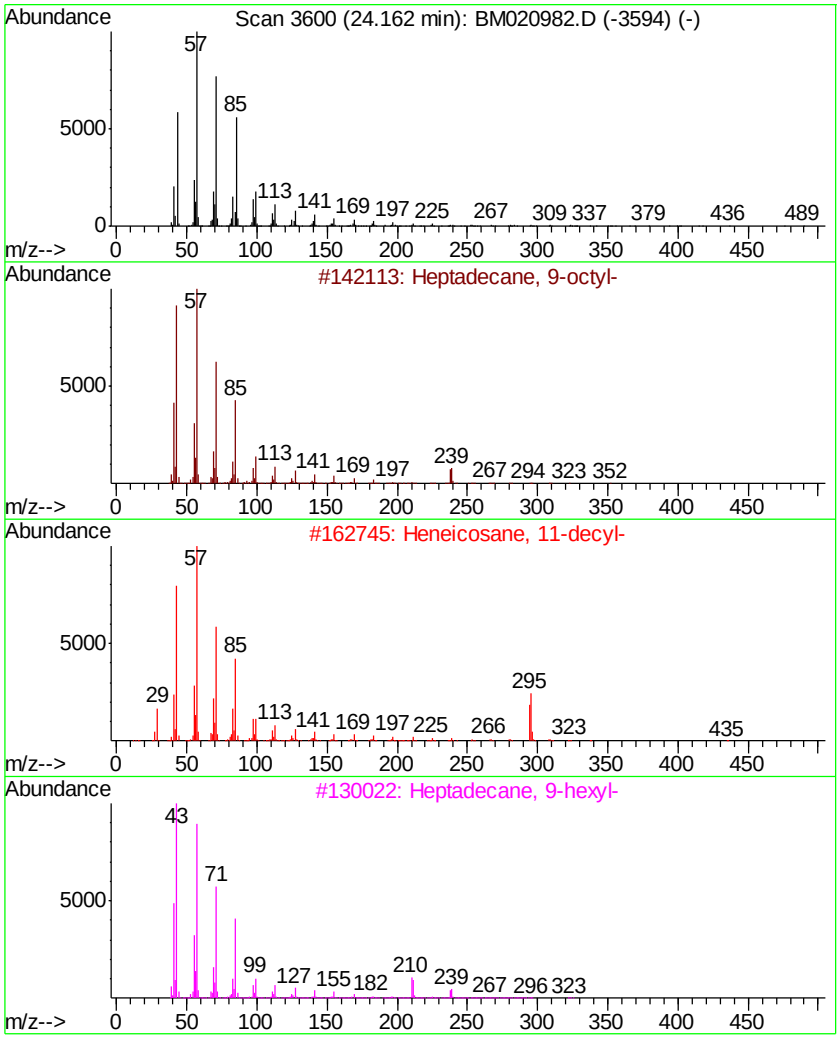
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

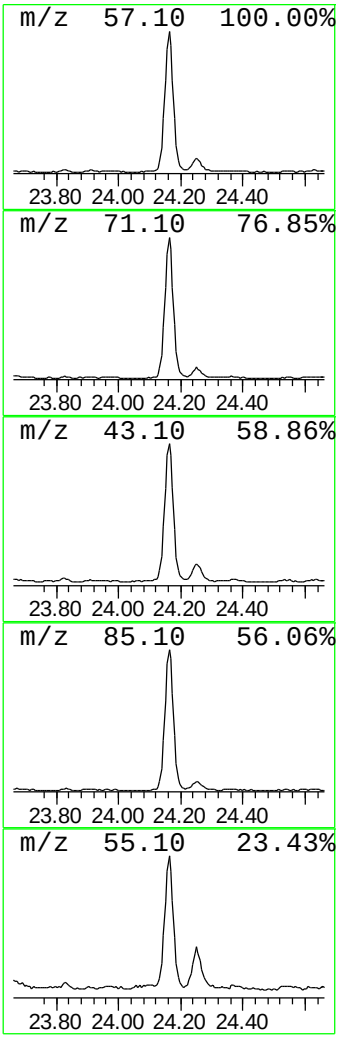
****

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.16	10.34 ng/ul	2707470	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	94
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020982.D
Acq On : 17 Jun 2019 17:00
Operator : HP/JU
Sample : K3231-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M4

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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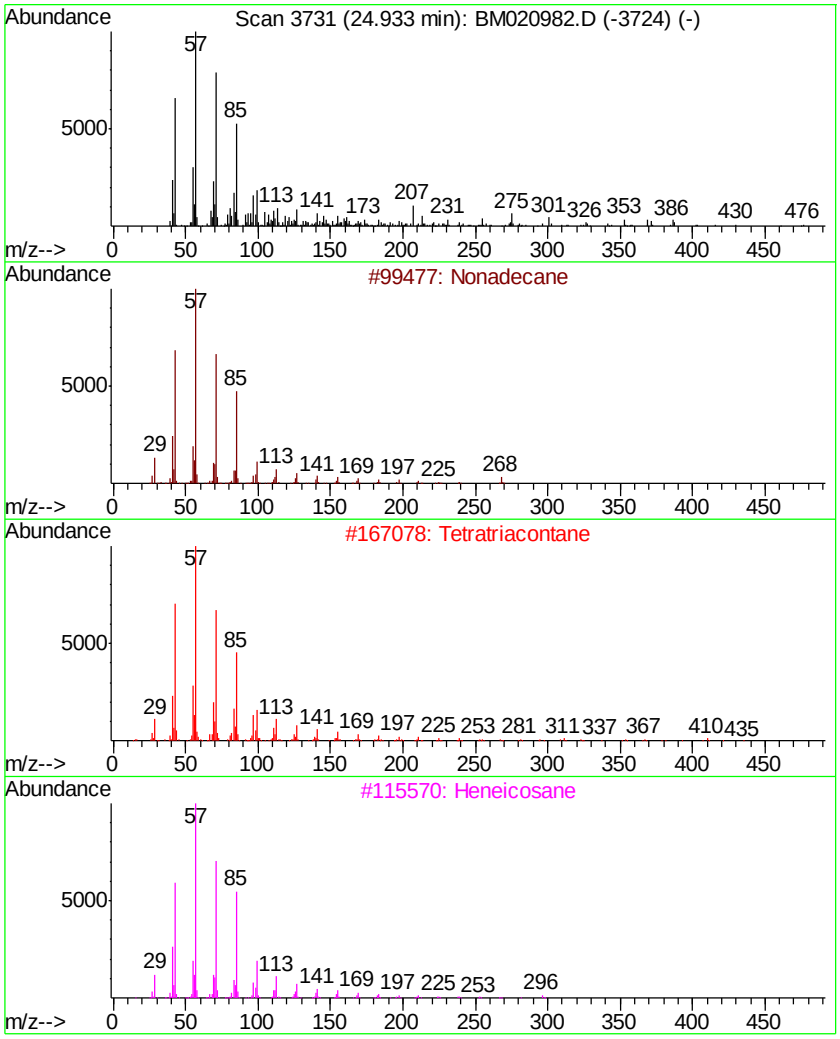
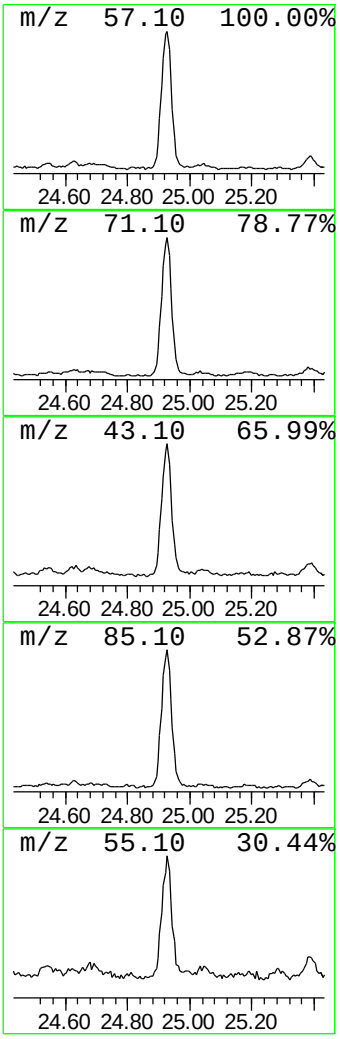
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.93	4.14 ng/ul	1082600	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Tetratriacontane	479	C34H70	014167-59-0	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
5	Heptadecane	240	C17H36	000629-78-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020982.D
Acq On : 17 Jun 2019 17:00
Operator : HP/JU
Sample : K3231-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M4

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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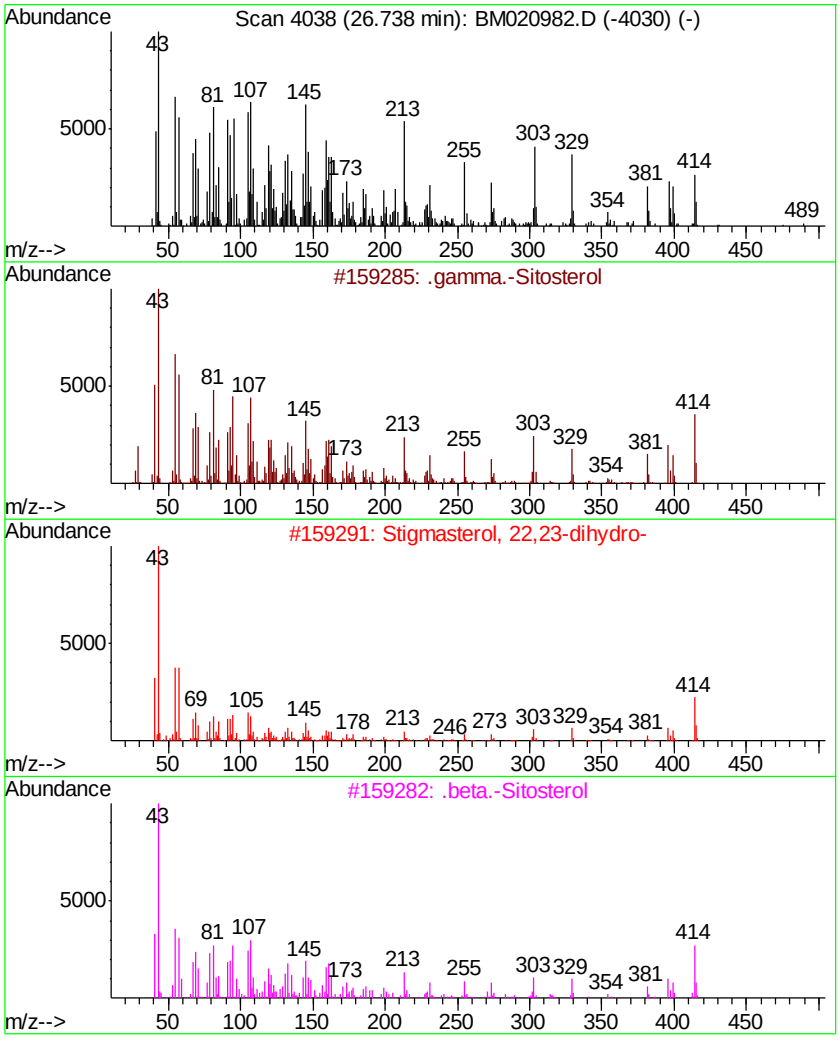
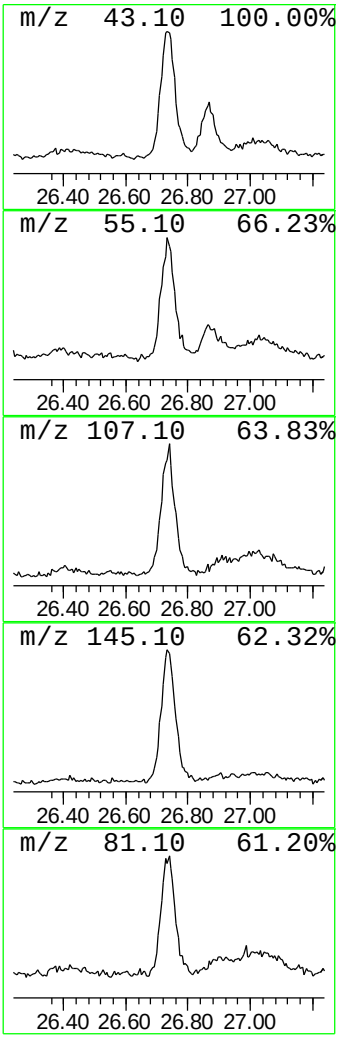
Peak Number 19 .gamma.-Sitosterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.74	8.05 ng/ul	2105970	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	95
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	78
4	.beta.-Sitosterol	414	C29H50O	000083-46-5	60
5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061719\
Data File : BM020982.D
Acq On : 17 Jun 2019 17:00
Operator : HP/JU
Sample : K3231-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8M4

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...	3.03	35.9	ng/ul	2890730	1	7.79	1612690	20.0
Bicyclo[3.1.1]hep...	6.48	2.7	ng/ul	215333	1	7.79	1612690	20.0
Caryophyllene	13.75	21.2	ng/ul	4211770	3	14.43	3975130	20.0
.alpha.-Muurolene	14.49	2.0	ng/ul	399521	3	14.43	3975130	20.0
Naphthalene, 1,2,...	14.75	2.9	ng/ul	582523	3	14.43	3975130	20.0
n-Hexadecanoic acid	18.07	5.0	ng/ul	1275340	4	17.17	5083720	20.0
Octadecanoic acid	19.34	2.5	ng/ul	648524	5	21.36	5276360	20.0
2-Propenoic acid,...	19.96	3.3	ng/ul	878817	5	21.36	5276360	20.0
unknown-01	20.11	2.8	ng/ul	745272	5	21.36	5276360	20.0
Cinnamyl cinnamate	20.92	34.3	ng/ul	9053520	5	21.36	5276360	20.0
(DEL) Alkane: Cyc...	21.06	6.5	ng/ul	1703840	5	21.36	5276360	20.0
(DEL) Alkane: Str...	21.50	2.2	ng/ul	574044	5	21.36	5276360	20.0
Trifluoroacetic a...	21.96	10.2	ng/ul	2690470	5	21.36	5276360	20.0
(DEL) Alkane: Str...	22.42	4.4	ng/ul	1160940	5	21.36	5276360	20.0
(DEL) Alkane: Str...	22.93	10.5	ng/ul	2758890	6	23.64	5234760	20.0
(DEL) Alkane: Cyc...	22.98	2.5	ng/ul	651680	6	23.64	5234760	20.0
(DEL) Alkane: Str...	24.16	10.3	ng/ul	2707470	6	23.64	5234760	20.0
(DEL) Alkane: Str...	24.93	4.1	ng/ul	1082600	6	23.64	5234760	20.0
.gamma.-Sitosterol	26.74	8.1	ng/ul	2105970	6	23.64	5234760	20.0