LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060819\
Data File : BM020824.D
Acq On : 08 Jun 2019 18:37
Operator : HP/JU
Sample : K3006-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFH82

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-BM060619MA.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	3.046	6	10	28	rVB	2678714	3356837	35.61%	3.444%
2	3.305	51	54	65	rVB	94773	131222	1.39%	0.135%
3	3.934	157	161	165	rVB2	20874	29651	0.31%	0.030%
4	4.034	175	178	185	rVB3	14524	20945	0.22%	0.021%
5	4.357	230	233	237	rVB3	15815	20211	0.21%	0.021%
6	4.934	327	331	339	rVB2	16918	35316	0.37%	0.036%
7	5.193	372	375	379	rVB2	8137	10356	0.11%	0.011%
8	5.904	492	496	502	rBV	26458	41539	0.44%	0.043%
9	6.463	588	591	598	rVB5	10069	16567	0.18%	0.017%
10	6.969	670	677	691	rVB	1614187	2705432	28.70%	2.776%
11	7.145	699	707	720	rBV	1216077	1994489	21.16%	2.047%
12	7.340	733	740	750	rVB	1731501	2727418	28.93%	2.799%
13	7.810	812	820	826	rBV	1087977	1712094	18.16%	1.757%
14	7.869	826	830	836	rVB	57212	86600	0.92%	0.089%
15	8.510	931	939	947	rBV	1985364	3189715	33.83%	3.273%
16	8.969	1009	1017	1027	rBV	1528715	2524822	26.78%	2.591%
17	9.057	1028	1032	1040	rVV7	7662	17194	0.18%	0.018%
18	9.128	1040	1044	1050	rVB5	8098	13791	0.15%	0.014%
19	9.357	1078	1083	1089	rVB	33213	49561	0.53%	0.051%
20	9.686	1131	1139	1151	rBV	1230996	2062188	21.87%	2.116%
21	9.910	1170	1177	1183	rBV5	6979	13235	0.14%	0.014%
22	10.216	1219	1229	1240	rBV	2011792	3373350	35.78%	3.461%
23	10.598	1284	1294	1303	rBV	1427592	2401441	25.47%	2.464%
24	10.739	1309	1318	1330	rBV	1905704	3232638	34.29%	3.317%
25	11.645	1464	1472	1474	rBV5	8276	14597	0.15%	0.015%
26	12.098	1543	1549	1556	rVV	36443	63952	0.68%	0.066%
27	12.186	1559	1564	1573	rVB	32409	54069	0.57%	0.055%
28	13.174	1726	1732	1736	rBV5	13108	18087	0.19%	0.019%
29	13.339	1754	1760	1764	rVV5	5492	10369	0.11%	0.011%
30	13.410	1766	1772	1778	rVB2	10713	19058	0.20%	0.020%
31	13.663	1811	1815	1820	rBV2	35375	55450	0.59%	0.057%
32	13.857	1842	1848	1853	rBV	3324861	4699573	49.85%	4.822%
33	13.904	1853	1856	1863	rVB	1095297	1421265	15.08%	1.458%
34	14.139	1889	1896	1906	rVB	3934010	5863895	62.20%	6.017%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060819\
Data File : BM020824.D
Acq On : 08 Jun 2019 18:37
Operator : HP/JU
Sample : K3006-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFH82

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-BM060619MA.M
Title : SVOA CALIBRATION

35	14.263	1912	1917	1921	rBV4	16979	25349	0.27%	0.026%
36	14.345	1927	1931	1935	rVB4	8959	13450	0.14%	0.014%
37	14.451	1940	1949	1959	rVV2	2007831	3136362	33.27%	3.218%
38	14.645	1973	1982	1996	rBV	1004048	1575898	16.72%	1.617%
39	14.857	2014	2018	2021	rVB3	7977	10258	0.11%	0.011%
40	15.239	2078	2083	2087	rBV4	10044	16043	0.17%	0.016%
41	15.292	2087	2092	2096	rVB3	10823	15215	0.16%	0.016%
42	15.439	2111	2117	2126	rBV	4821121	7058428	74.87%	7.243%
43	15.557	2132	2137	2149	rBV	670119	951106	10.09%	0.976%
44	15.680	2153	2158	2163	rVB	59995	86153	0.91%	0.088%
45	16.157	2235	2239	2241	rBV3	8385	11190	0.12%	0.011%
46	16.221	2245	2250	2254	rVB5	23062	29576	0.31%	0.030%
47	16.586	2309	2312	2320	rVB5	25199	34964	0.37%	0.036%
48	16.868	2357	2360	2364	rBV2	10980	13619	0.14%	0.014%
49	16.945	2371	2373	2376	rBV4	8143	10298	0.11%	0.011%
50	16.980	2376	2379	2382	rVV4	9894	13085	0.14%	0.013%
51	17.110	2393	2401	2404	rBV8	10156	21750	0.23%	0.022%
52	17.192	2409	2415	2424	rBV2	2632066	3642804	38.64%	3.738%
53	17.292	2425	2432	2440	rBV	5207020	7370478	78.18%	7.563%
54	17.357	2440	2443	2445	rBV4	14279	14220	0.15%	0.015%
55	17.439	2451	2457	2462	rBV7	21193	39145	0.42%	0.040%
56	17.568	2474	2479	2487	rBV9	8304	15757	0.17%	0.016%
57	17.957	2540	2545	2553	rBV6	26943	48839	0.52%	0.050%
58	18.080	2561	2566	2575	rBV	519126	777015	8.24%	0.797%
59	18.157	2577	2579	2585	rVB	30420	42376	0.45%	0.043%
60	18.374	2614	2616	2620	rBV4	10326	11466	0.12%	0.012%
61	18.421	2620	2624	2630	rVB4	20376	30317	0.32%	0.031%
62	18.568	2647	2649	2654	rVB6	11660	15034	0.16%	0.015%
63	18.745	2677	2679	2683	rVB4	8067	10175	0.11%	0.010%
64	19.121	2739	2743	2751	rBV	46292	77996	0.83%	0.080%
65	19.215	2755	2759	2767	rBV	87724	171237	1.82%	0.176%
66	19.356	2779	2783	2793	rBV	168764	253108	2.68%	0.260%
67	19.468	2798	2802	2808	rVB	54141	79083	0.84%	0.081%
68	19.521	2808	2811	2815	rVB5	11917	16264	0.17%	0.017%
69	19.586	2815	2822	2827	rBV	6150043	8375548	88.84%	8.594%
70	20.121	2910	2913	2917	rVB	46342	47270	0.50%	0.049%
71	20.615	2994	2997	3000	rVB2	80510	87085	0.92%	0.089%

LSC Area Percent Report

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Data File : BM020824.D
Acq On : 08 Jun 2019 18:37
Operator : HP/JU
Sample : K3006-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFH82

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-BM060619MA.M
Title : SVOA CALIBRATION

72	21.080	3071	3076	3083	rBV	306766	439493	4.66%	0.451%
73	21.368	3120	3125	3131	rBV	3113469	3938618	41.78%	4.041%
74	21.515	3147	3150	3156	rVB	185975	191816	2.03%	0.197%
75	21.956	3222	3225	3230	rVB	225920	260442	2.76%	0.267%
76	22.427	3301	3305	3311	rVB	399866	508562	5.39%	0.522%
77	22.562	3323	3328	3332	rVB	491212	647818	6.87%	0.665%
78	22.944	3389	3393	3399	rVB	355324	518792	5.50%	0.532%
79	23.509	3481	3489	3503	rBV2	4768206	9427931	100.00%	9.674%
80	23.650	3506	3513	3529	rVB2	2142378	4177885	44.31%	4.287%
81	24.186	3600	3604	3612	rVB	303825	577310	6.12%	0.592%
82	24.956	3730	3735	3743	rVB2	300531	633165	6.72%	0.650%

Sum of corrected areas: 97456720

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060819\
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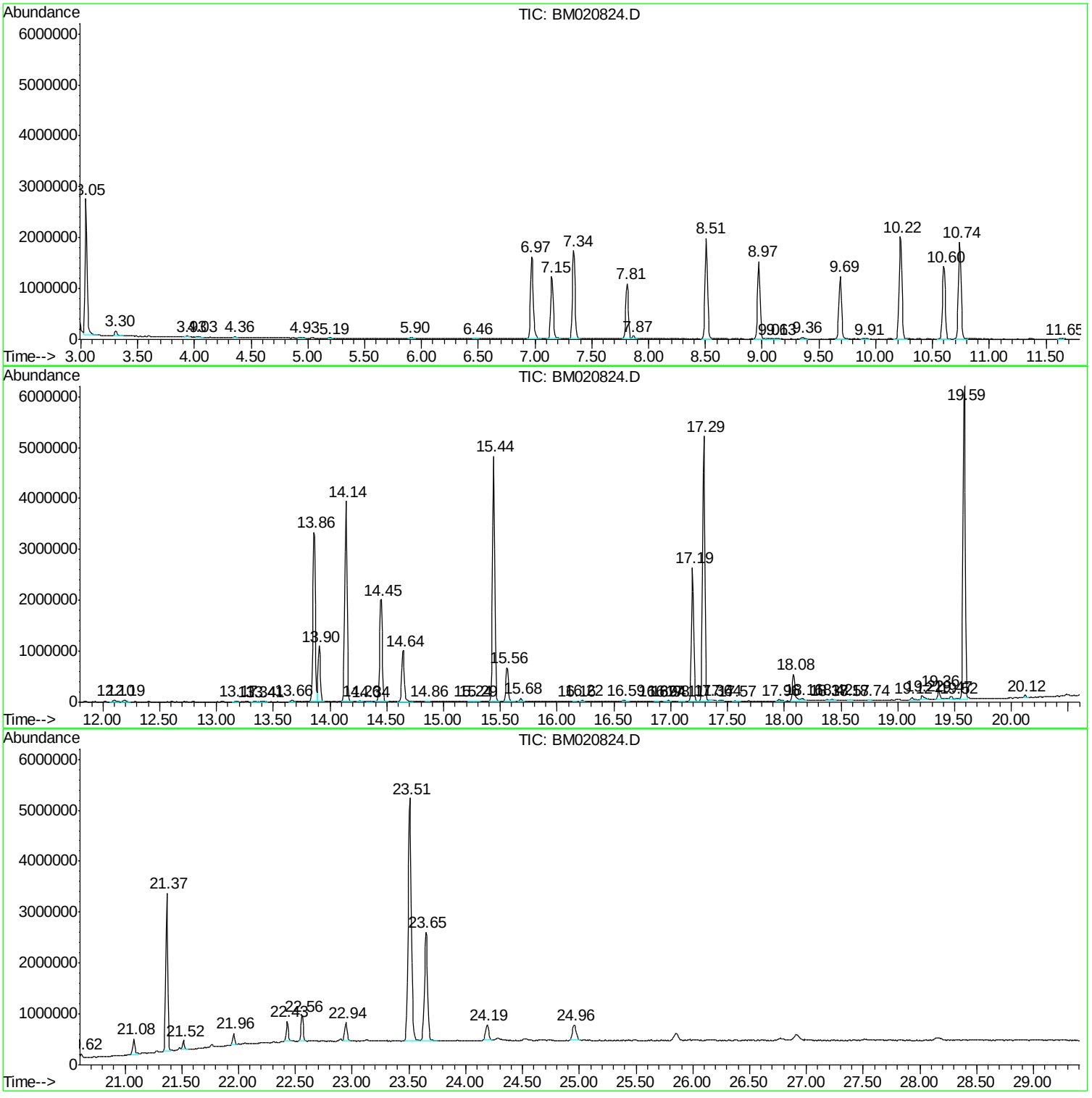
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFH82

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.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\BM060819\
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Acq On : 08 Jun 2019 18:37
Operator : HP/JU
Sample : K3006-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFH82

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

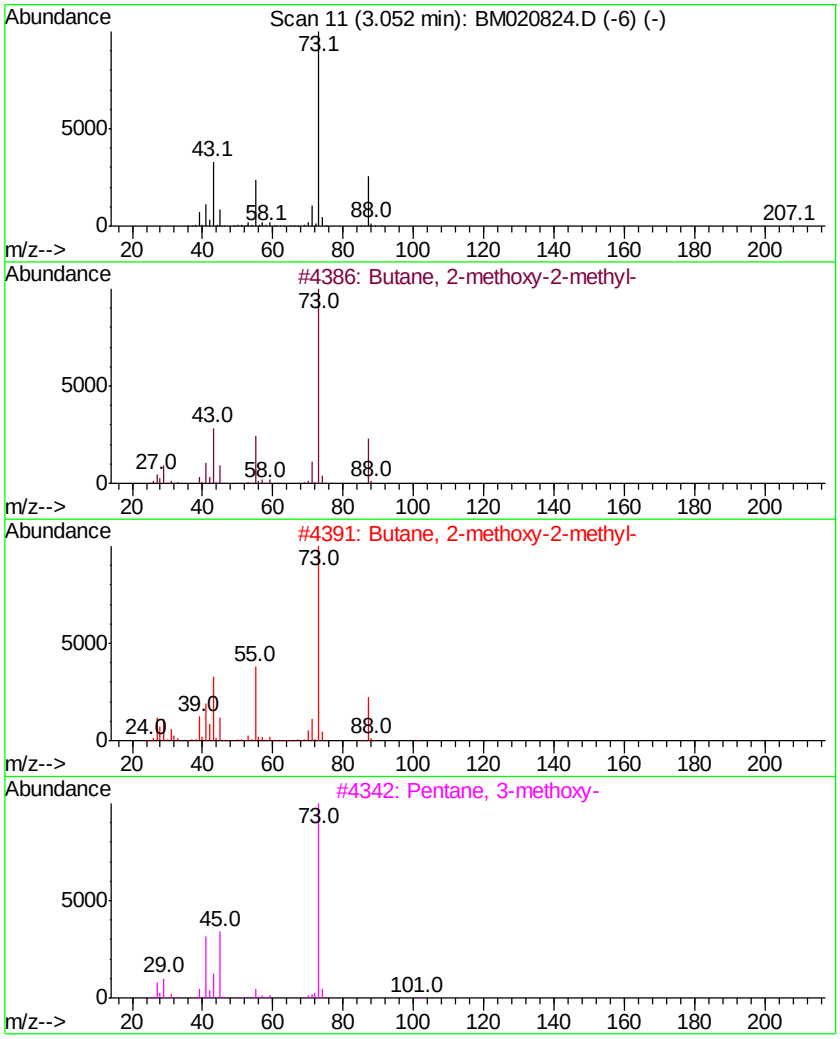
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

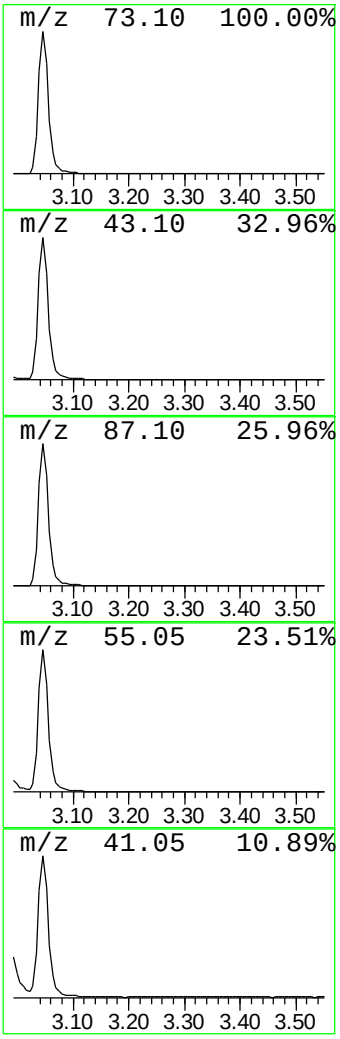
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	39.21 ng/ul	3356840	1,4-Dichlorobenzene-d4	7.81

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	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060819\
Data File : BM020824.D
Acq On : 08 Jun 2019 18:37
Operator : HP/JU
Sample : K3006-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFH82

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

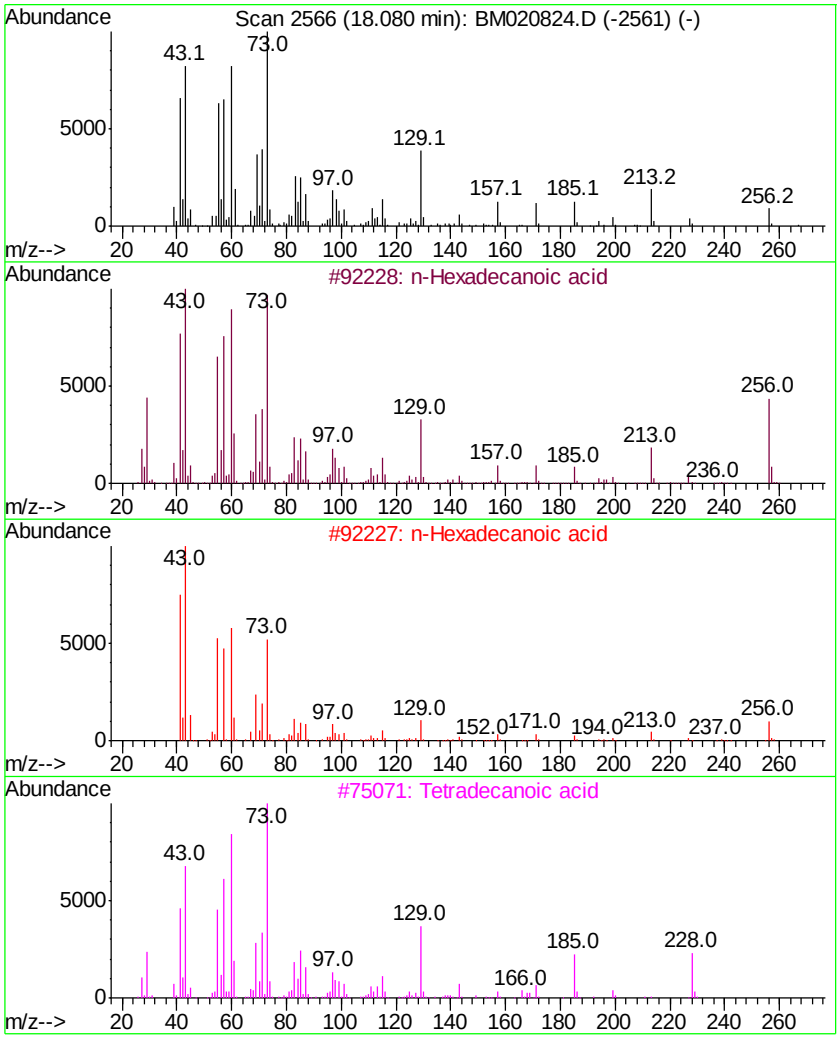
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

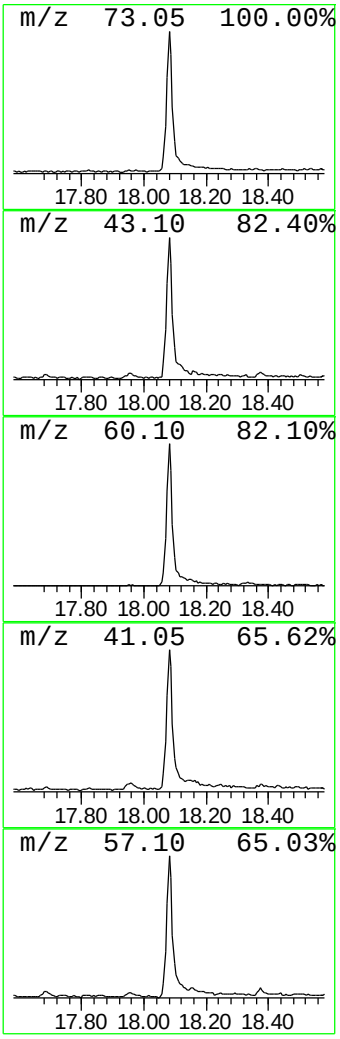
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	4.27 ng/ul	777015	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060819\
Data File : BM020824.D
Acq On : 08 Jun 2019 18:37
Operator : HP/JU
Sample : K3006-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFH82

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

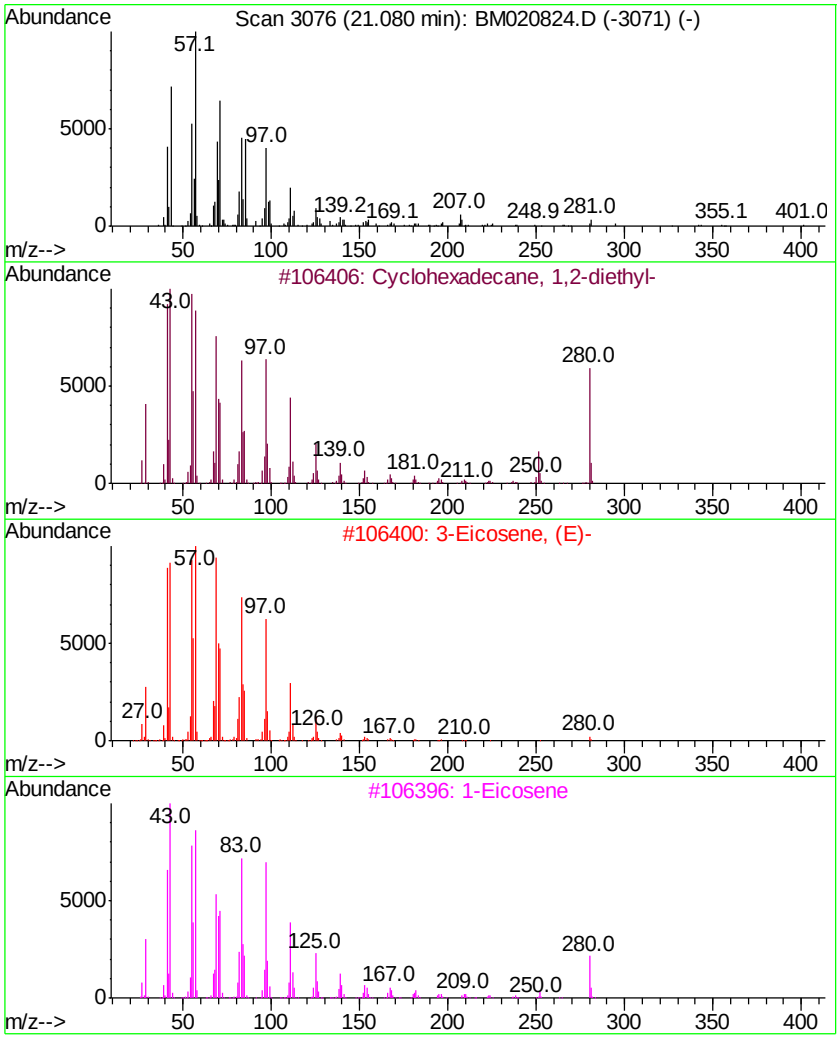
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

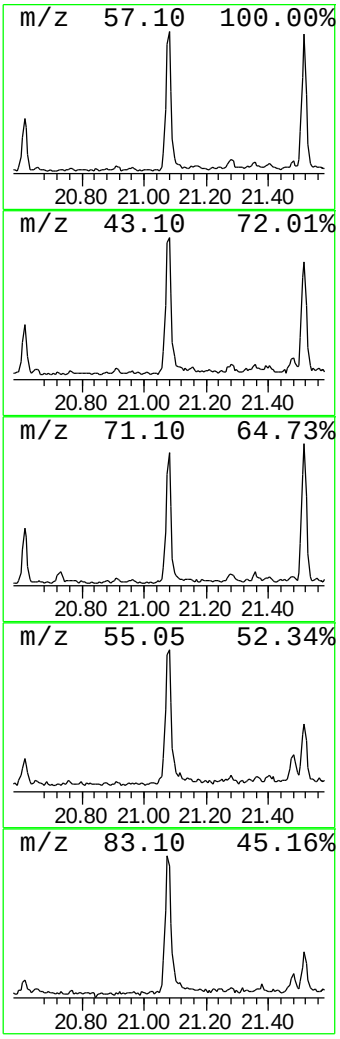
****

Peak Number 3 (DEL) Alkane: Cyclic21.08 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	2.23 ng/ul	439493	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	98
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
3	1-Eicosene	280	C20H40	003452-07-1	95
4	1-Docosanethiol	342	C22H46S	007773-83-3	93
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060819\
Data File : BM020824.D
Acq On : 08 Jun 2019 18:37
Operator : HP/JU
Sample : K3006-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFH82

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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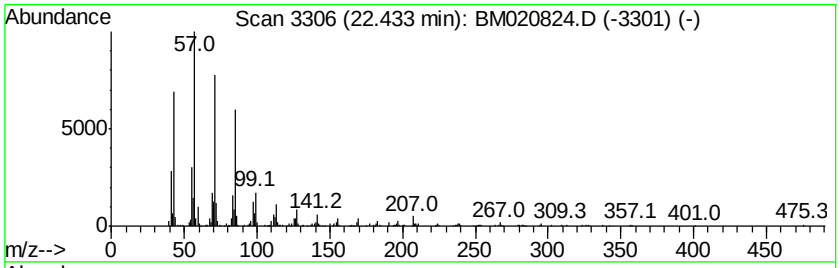
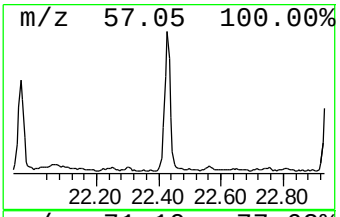
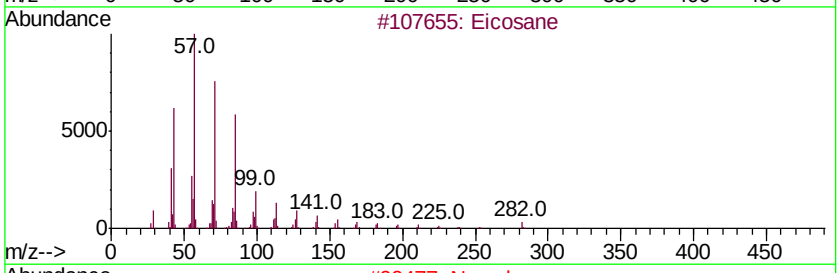
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

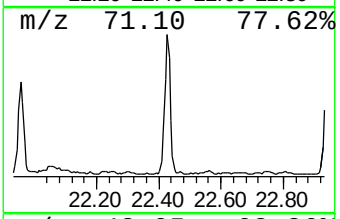
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	2.58 ng/ul	508562	Chrysene-d12	21.37

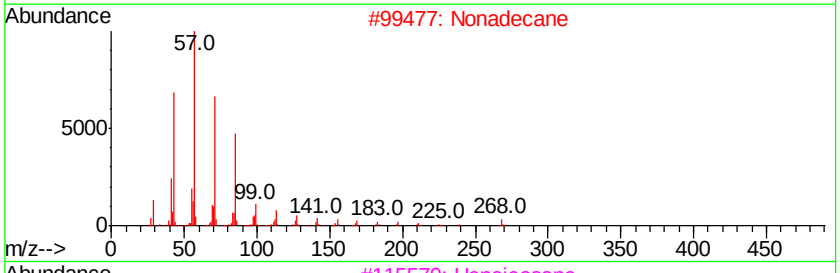
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Nonadecane	268	C19H40	000629-92-5	93
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Tetracosane	338	C24H50	000646-31-1	87

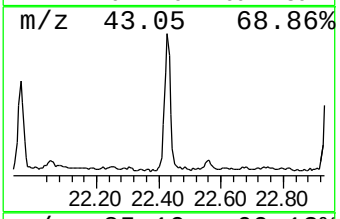


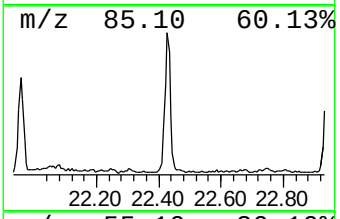


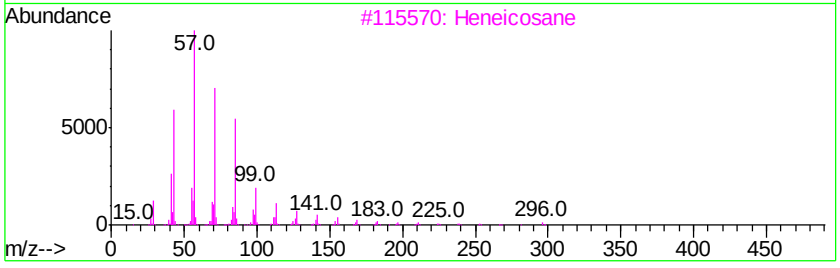


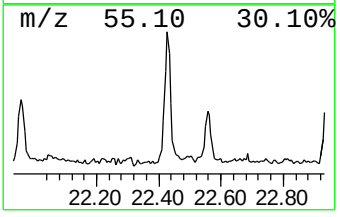












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060819\
Data File : BM020824.D
Acq On : 08 Jun 2019 18:37
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Sample : K3006-16
Misc :
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Instrument : BNA_M
ClientSampleId : BFH82

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

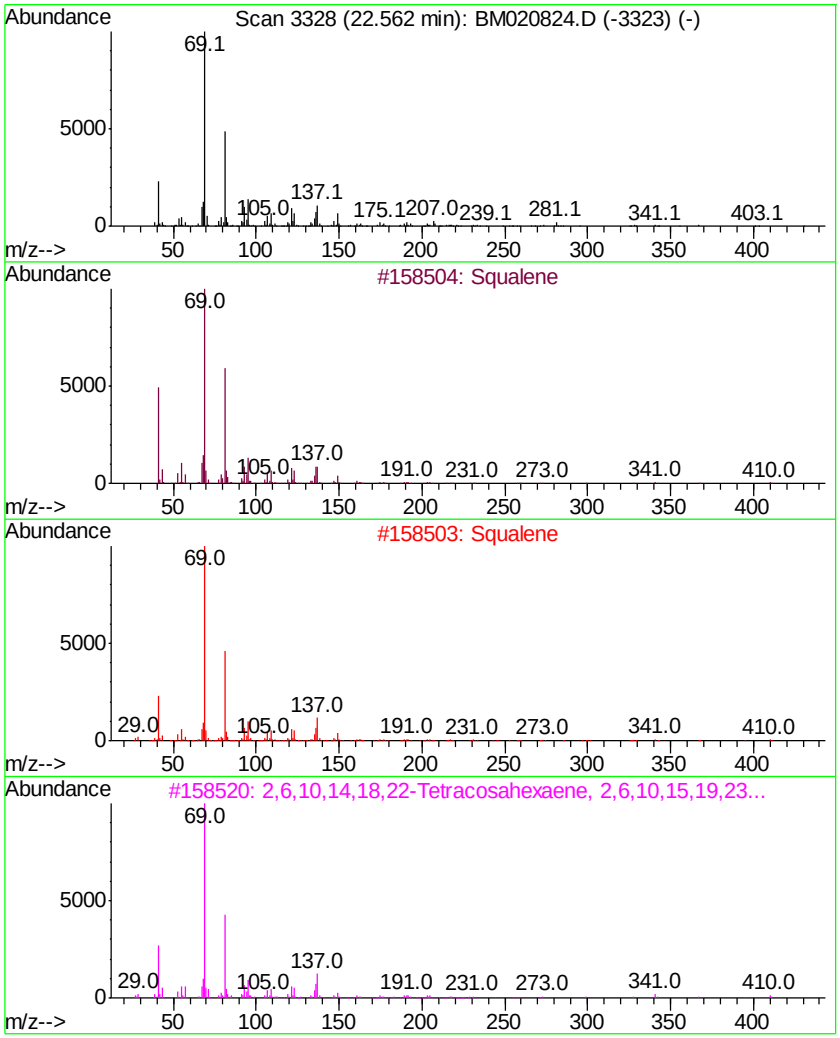
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

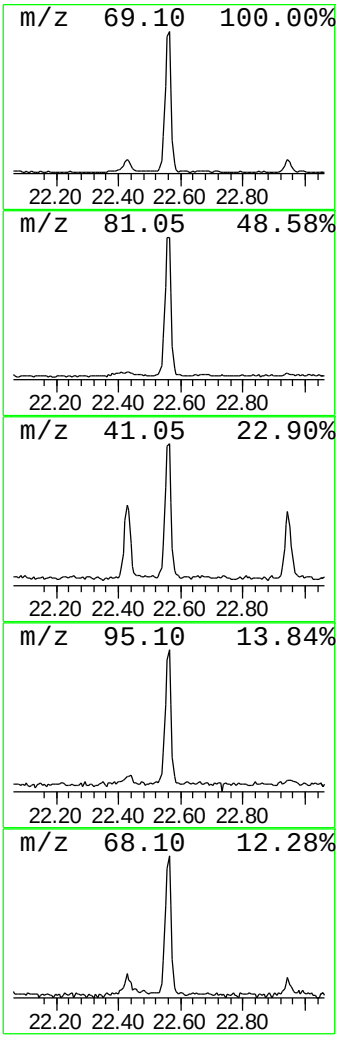
****

Peak Number 5 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	3.10 ng/ul	647818	Perylene-d12	23.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	007683-64-9	91
3	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
4	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90
5	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	86





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Data File : BM020824.D
Acq On : 08 Jun 2019 18:37
Operator : HP/JU
Sample : K3006-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFH82

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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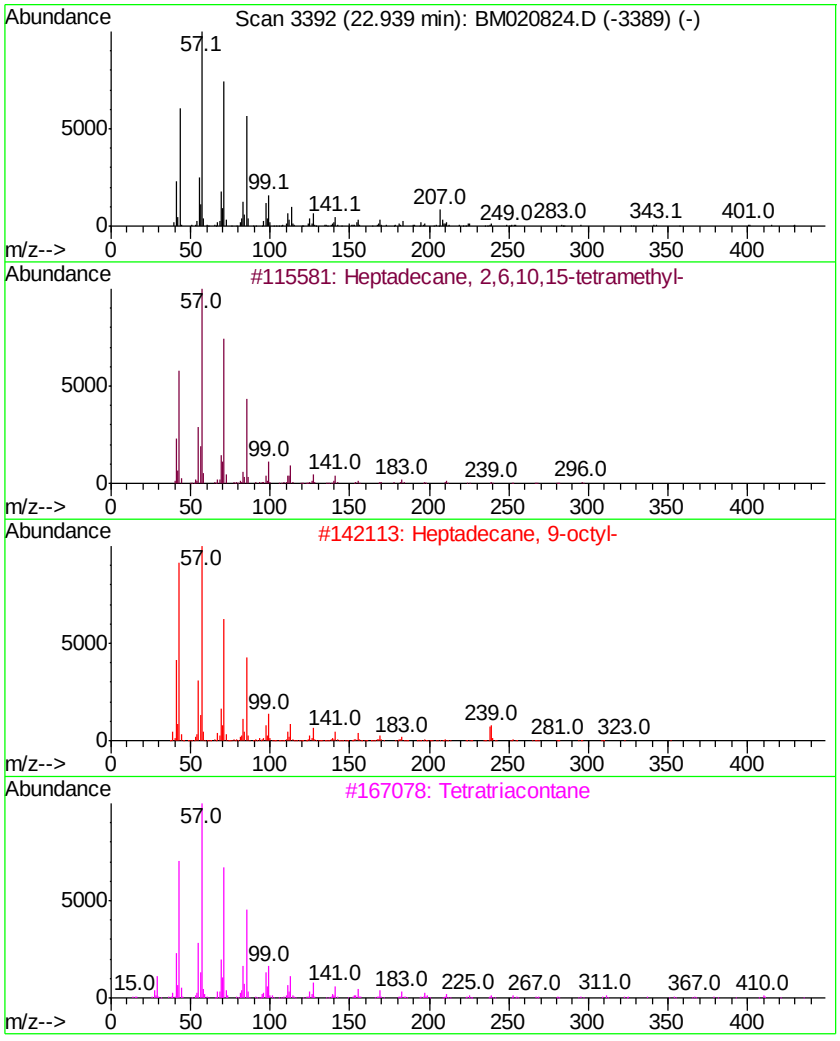
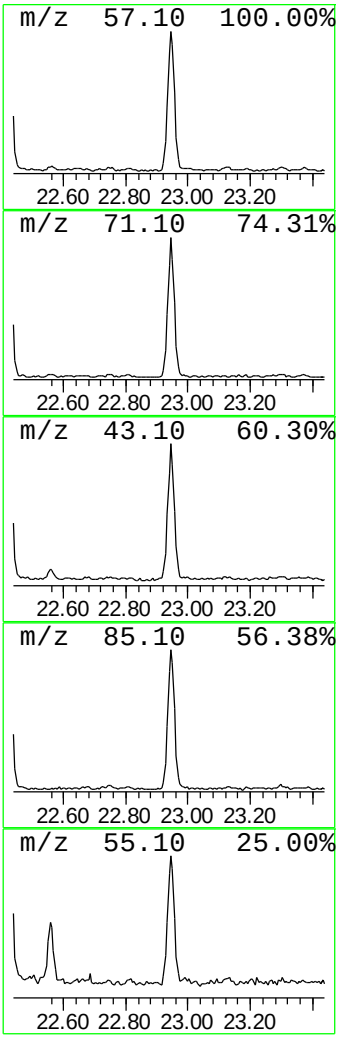
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	2.48 ng/ul	518792	Perylene-d12	23.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Tetratriacontane	479	C34H70	014167-59-0	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Nonacosane	408	C29H60	000630-03-5	91





Library Search Compound Report

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Data File : BM020824.D
Acq On : 08 Jun 2019 18:37
Operator : HP/JU
Sample : K3006-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFH82

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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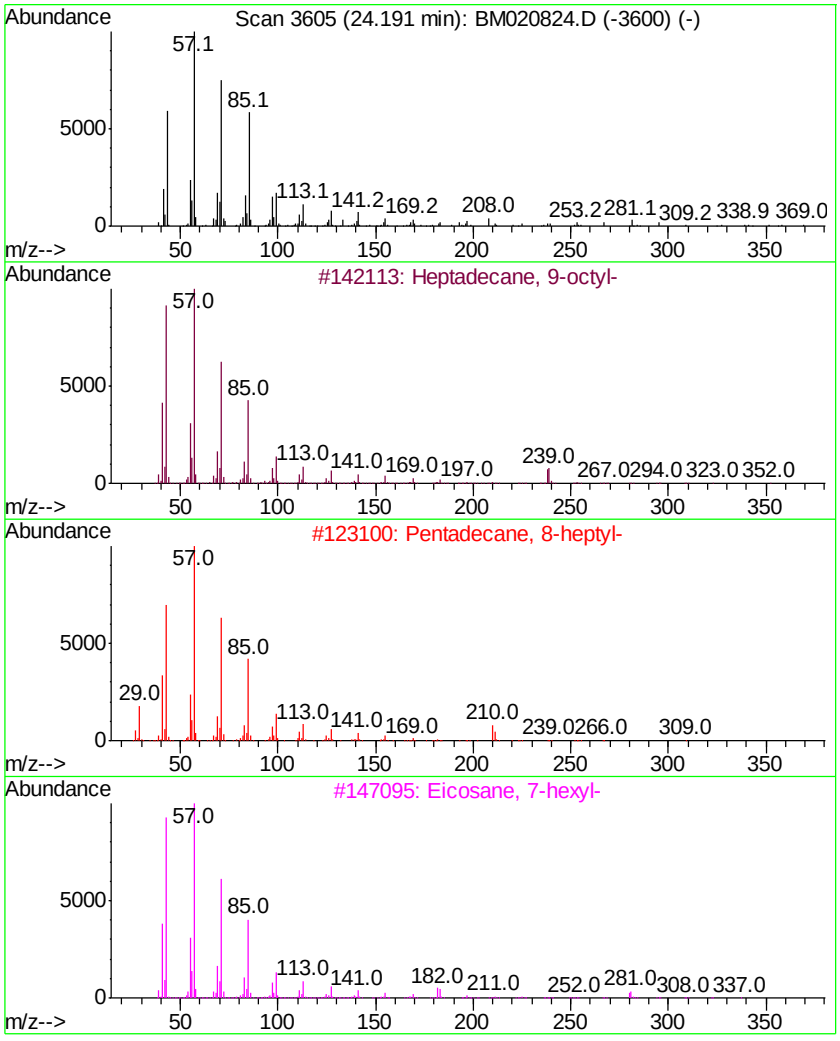
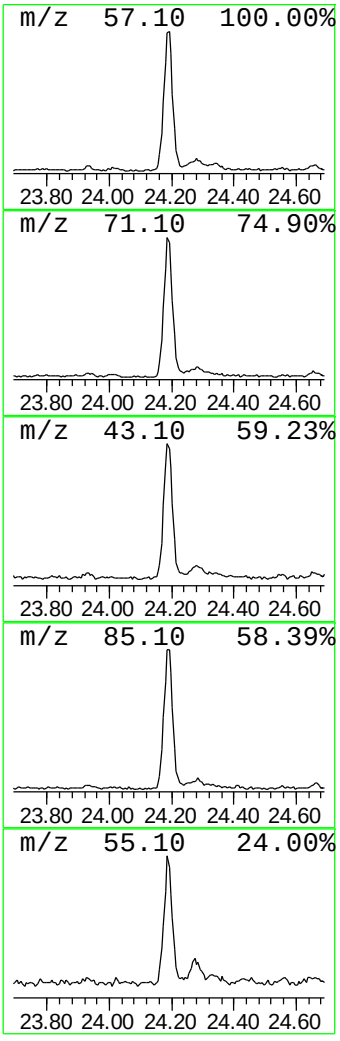
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	2.76 ng/ul	577310	Perylene-d12	23.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060819\
Data File : BM020824.D
Acq On : 08 Jun 2019 18:37
Operator : HP/JU
Sample : K3006-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFH82

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

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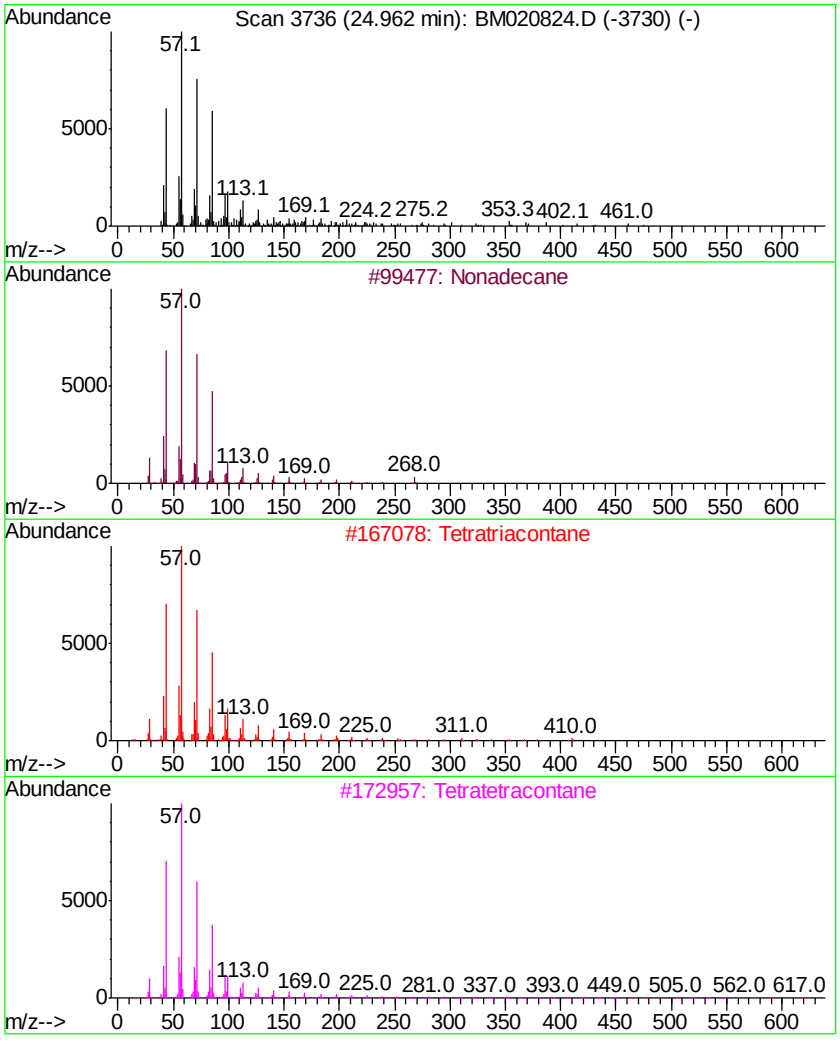
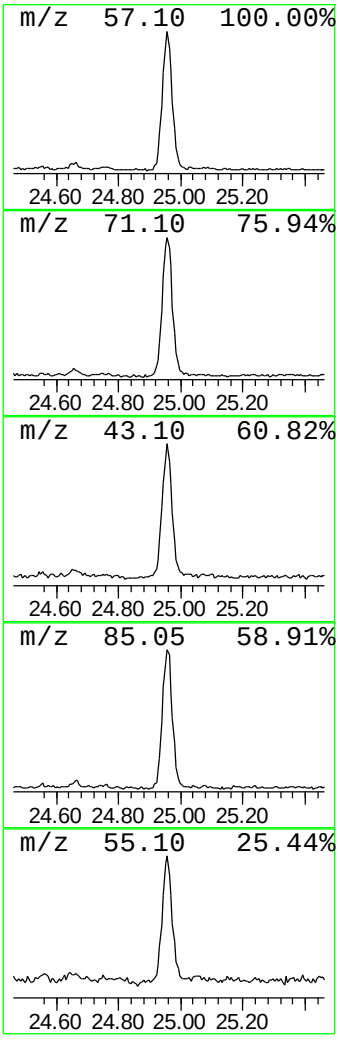
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.96	3.03 ng/ul	633165	Perylene-d12	23.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Tetratriacontane	479	C34H70	014167-59-0	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Docosane	310	C22H46	000629-97-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060819\
Data File : BM020824.D
Acq On : 08 Jun 2019 18:37
Operator : HP/JU
Sample : K3006-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFH82

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.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...	3.05	39.2	ng/ul	3356840	1	7.81	1712090	20.0
n-Hexadecanoic acid	18.08	4.3	ng/ul	777015	4	17.19	3642800	20.0
(DEL) Alkane: Cyc...	21.08	2.2	ng/ul	439493	5	21.37	3938620	20.0
(DEL) Alkane: Str...	22.43	2.6	ng/ul	508562	5	21.37	3938620	20.0
Squalene	22.56	3.1	ng/ul	647818	6	23.65	4177890	20.0
(DEL) Alkane: Str...	22.94	2.5	ng/ul	518792	6	23.65	4177890	20.0
(DEL) Alkane: Str...	24.19	2.8	ng/ul	577310	6	23.65	4177890	20.0
(DEL) Alkane: Str...	24.96	3.0	ng/ul	633165	6	23.65	4177890	20.0