LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
Data File : BM024848.D
Acq On : 11 Feb 2020 23:29
Operator : CG/JU
Sample : L1405-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6S2

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-BM020620MA.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	3.011	18	21	31	rVB	59143	82864	1.36%	0.104%
2	3.628	120	126	131	rBV3	25190	38251	0.63%	0.048%
3	3.705	135	139	149	rVB	241315	323373	5.30%	0.406%
4	4.058	194	199	203	rBV6	15864	27123	0.44%	0.034%
5	4.587	285	289	298	rVB	48430	66095	1.08%	0.083%
6	4.969	349	354	362	rBV4	8947	19944	0.33%	0.025%
7	5.105	372	377	384	rBV3	10177	24527	0.40%	0.031%
8	5.481	436	441	444	rBV3	26703	36575	0.60%	0.046%
9	5.510	444	446	452	rVB7	15138	19038	0.31%	0.024%
10	6.593	620	630	645	rVV	893257	1457704	23.87%	1.830%
11	6.752	651	657	667	rBV	767286	1153163	18.88%	1.448%
12	6.940	682	689	702	rVV	1072848	1628380	26.67%	2.045%
13	7.057	705	709	715	rVB3	39841	59819	0.98%	0.075%
14	7.399	760	767	777	rBV	1235756	1866622	30.57%	2.344%
15	8.110	881	888	900	rBV	1176065	1871475	30.65%	2.350%
16	8.216	902	906	910	rVB3	18894	26924	0.44%	0.034%
17	8.540	951	961	972	rBV	899921	1490950	24.42%	1.872%
18	8.646	975	979	988	rVB	27692	45023	0.74%	0.057%
19	8.728	988	993	1001	rBV2	59588	93756	1.54%	0.118%
20	9.028	1037	1044	1050	rBV	67589	103485	1.69%	0.130%
21	9.251	1073	1082	1091	rBV	786524	1290883	21.14%	1.621%
22	9.787	1167	1173	1187	rVV	1260145	2118751	34.70%	2.660%
23	9.887	1187	1190	1194	rVB4	13480	18174	0.30%	0.023%
24	10.157	1227	1236	1242	rBV	1601145	2650339	43.40%	3.328%
25	10.204	1242	1244	1251	rVB	89459	115965	1.90%	0.146%
26	10.298	1253	1260	1275	rBV	1052223	1872225	30.66%	2.351%
27	11.634	1480	1487	1495	rVB6	17290	36508	0.60%	0.046%
28	11.757	1503	1508	1514	rBV2	26696	41771	0.68%	0.052%
29	11.834	1514	1521	1529	rVV	61867	104449	1.71%	0.131%
30	12.057	1554	1559	1565	rVB	23983	38777	0.64%	0.049%
31	12.881	1692	1699	1701	rBV4	11368	19332	0.32%	0.024%
32	12.910	1701	1704	1708	rVV3	19692	28125	0.46%	0.035%
33	13.075	1729	1732	1740	rVB3	17175	27312	0.45%	0.034%
34	13.210	1749	1755	1757	rBV2	27562	43663	0.72%	0.055%

LSC Area Percent Report

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Sample : L1405-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6S2

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-BM020620MA.M
Title : SVOA CALIBRATION

35	13.369	1777	1782	1787	rVB2	29277	54099	0.89%	0.068%
36	13.428	1787	1792	1795	rBV	27614	40047	0.66%	0.050%
37	13.475	1795	1800	1806	rVV	2241394	3111184	50.95%	3.906%
38	13.522	1806	1808	1816	rVB	57819	75137	1.23%	0.094%
39	13.739	1837	1845	1856	rBV	2617932	3913383	64.09%	4.914%
40	14.004	1885	1890	1892	rBV2	21266	30019	0.49%	0.038%
41	14.051	1892	1898	1905	rVV2	2485943	3605514	59.04%	4.527%
42	14.275	1930	1936	1948	rBV	714342	1205241	19.74%	1.513%
43	14.463	1962	1968	1972	rVB3	30266	51539	0.84%	0.065%
44	14.545	1978	1982	1987	rVB	19916	26115	0.43%	0.033%
45	14.692	2001	2007	2011	rVB7	13505	21663	0.35%	0.027%
46	14.745	2011	2016	2018	rBV2	19782	29521	0.48%	0.037%
47	14.963	2050	2053	2057	rBV3	18741	19888	0.33%	0.025%
48	15.057	2063	2069	2075	rBV	3425650	4759884	77.95%	5.976%
49	15.110	2075	2078	2083	rVB4	37961	53674	0.88%	0.067%
50	15.186	2083	2091	2102	rBV	885150	1293949	21.19%	1.625%
51	15.298	2105	2110	2114	rVB2	41412	56633	0.93%	0.071%
52	15.410	2126	2129	2133	rVV3	16063	18996	0.31%	0.024%
53	15.563	2149	2155	2160	rVV8	17126	43767	0.72%	0.055%
54	15.639	2161	2168	2171	rVV6	13553	31167	0.51%	0.039%
55	15.669	2171	2173	2177	rVB3	23039	25021	0.41%	0.031%
56	15.733	2177	2184	2189	rBV9	16537	31236	0.51%	0.039%
57	15.792	2191	2194	2197	rVV5	13398	21930	0.36%	0.028%
58	15.827	2197	2200	2202	rVV4	27721	36796	0.60%	0.046%
59	15.851	2202	2204	2209	rVB3	33281	43055	0.71%	0.054%
60	15.980	2222	2226	2230	rBV6	15545	23028	0.38%	0.029%
61	16.174	2256	2259	2265	rVB7	13872	22018	0.36%	0.028%
62	16.557	2320	2324	2327	rBV6	13143	23780	0.39%	0.030%
63	16.592	2327	2330	2332	rVV3	14829	20055	0.33%	0.025%
64	16.627	2332	2336	2341	rVV	34165	49009	0.80%	0.062%
65	16.674	2341	2344	2349	rVB2	26373	32755	0.54%	0.041%
66	16.804	2359	2366	2371	rBV	2870404	4138189	67.77%	5.196%
67	16.845	2371	2373	2377	rVV	201456	259244	4.25%	0.325%
68	16.904	2377	2383	2398	rVV	3697510	5102596	83.56%	6.407%
69	17.016	2398	2402	2407	rVV8	11954	23330	0.38%	0.029%
70	17.233	2433	2439	2443	rBV7	35903	60911	1.00%	0.076%
71	17.392	2463	2466	2471	rVB3	26284	37474	0.61%	0.047%

LSC Area Percent Report

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Sample : L1405-12
Misc :
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Instrument : BNA_M
ClientSampleId : CB6S2

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Title : SVOA CALIBRATION

72	17.533	2487	2490	2495	rVB5	21357	34395	0.56%	0.043%
73	17.686	2511	2516	2520	rBV2	52022	76914	1.26%	0.097%
74	17.733	2520	2524	2533	rVB	72983	118391	1.94%	0.149%
75	17.810	2534	2537	2542	rVV4	37921	49749	0.81%	0.062%
76	17.874	2543	2548	2552	rVV2	60552	109757	1.80%	0.138%
77	17.916	2553	2555	2559	rVB	40957	40989	0.67%	0.051%
78	18.051	2575	2578	2581	rVB5	21415	24451	0.40%	0.031%
79	18.192	2598	2602	2606	rBV2	48130	73575	1.20%	0.092%
80	18.498	2651	2654	2656	rBV	24464	30440	0.50%	0.038%
81	18.615	2670	2674	2680	rBV2	107708	158942	2.60%	0.200%
82	18.698	2685	2688	2694	rVB3	120107	172682	2.83%	0.217%
83	18.874	2715	2718	2723	rVB	271997	370824	6.07%	0.466%
84	19.210	2770	2775	2784	rBV	4310317	6106485	100.00%	7.667%
85	19.280	2785	2787	2791	rVB	78975	83761	1.37%	0.105%
86	19.821	2876	2879	2882	rBV2	197372	213029	3.49%	0.267%
87	20.774	3037	3041	3051	rBV2	908913	1338440	21.92%	1.681%
88	21.015	3077	3082	3087	rBV	3496705	4577033	74.95%	5.747%
89	21.221	3115	3117	3122	rVB	226130	230625	3.78%	0.290%
90	21.645	3185	3189	3196	rBV2	890094	1278543	20.94%	1.605%
91	22.080	3260	3263	3269	rVB2	261443	350286	5.74%	0.440%
92	22.286	3295	3298	3307	rVB3	310503	437176	7.16%	0.549%
93	22.551	3339	3343	3346	rBV2	751465	1052004	17.23%	1.321%
94	22.586	3346	3349	3358	rVB	716121	1033386	16.92%	1.297%
95	22.986	3412	3417	3428	rVB	3292144	5578580	91.36%	7.004%
96	23.074	3429	3432	3434	rVV	369645	484905	7.94%	0.609%
97	23.121	3434	3440	3453	rVB	2654958	4798181	78.58%	6.024%
98	23.668	3528	3533	3539	rVB	778166	1350434	22.11%	1.696%
99	23.739	3540	3545	3553	rVB2	658688	1163616	19.06%	1.461%
100	25.139	3780	3783	3797	rVB3	430268	1074197	17.59%	1.349%

Sum of corrected areas: 79645002

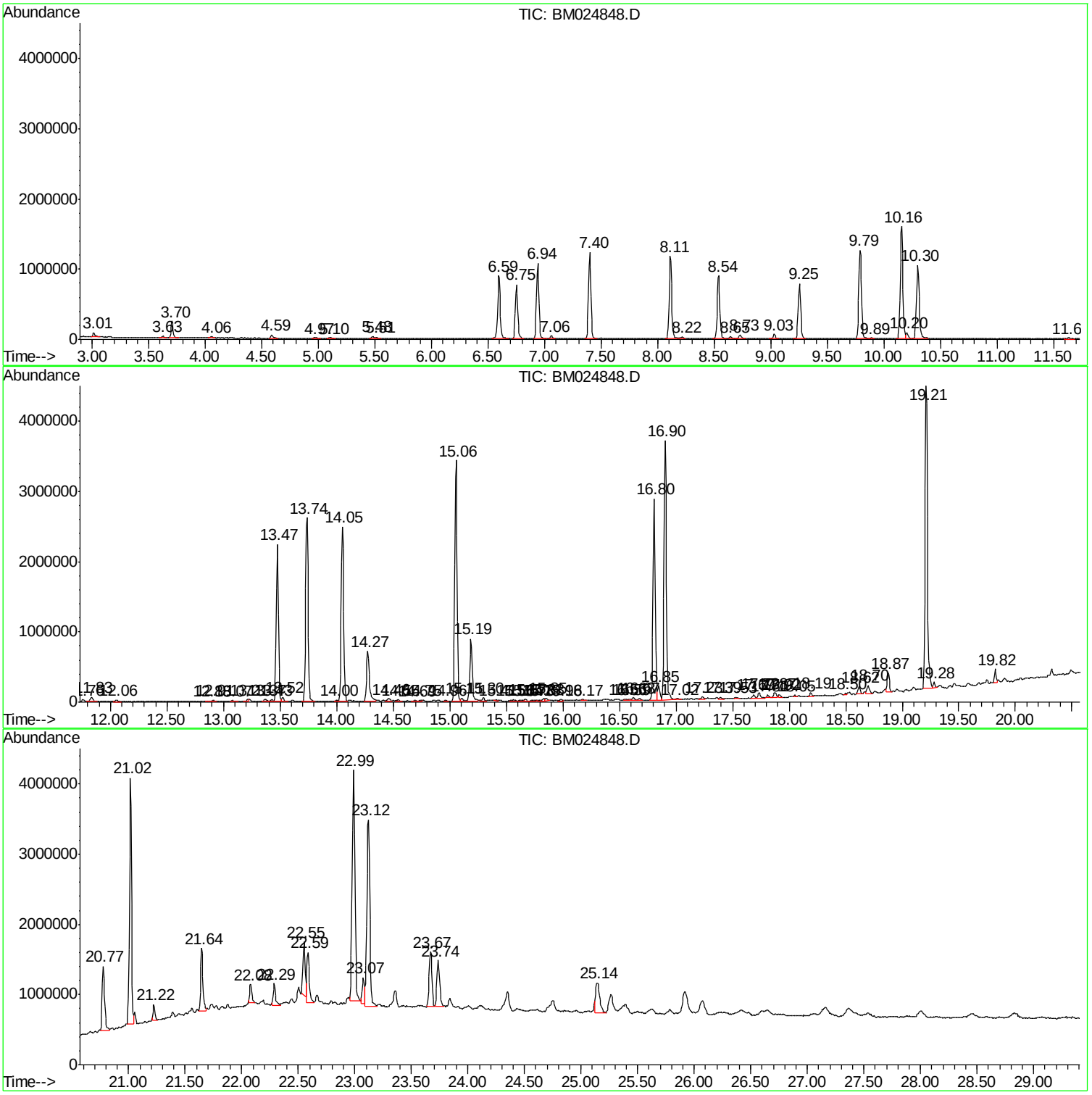
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
Data File : BM024848.D
Acq On : 11 Feb 2020 23:29
Operator : CG/JU
Sample : L1405-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

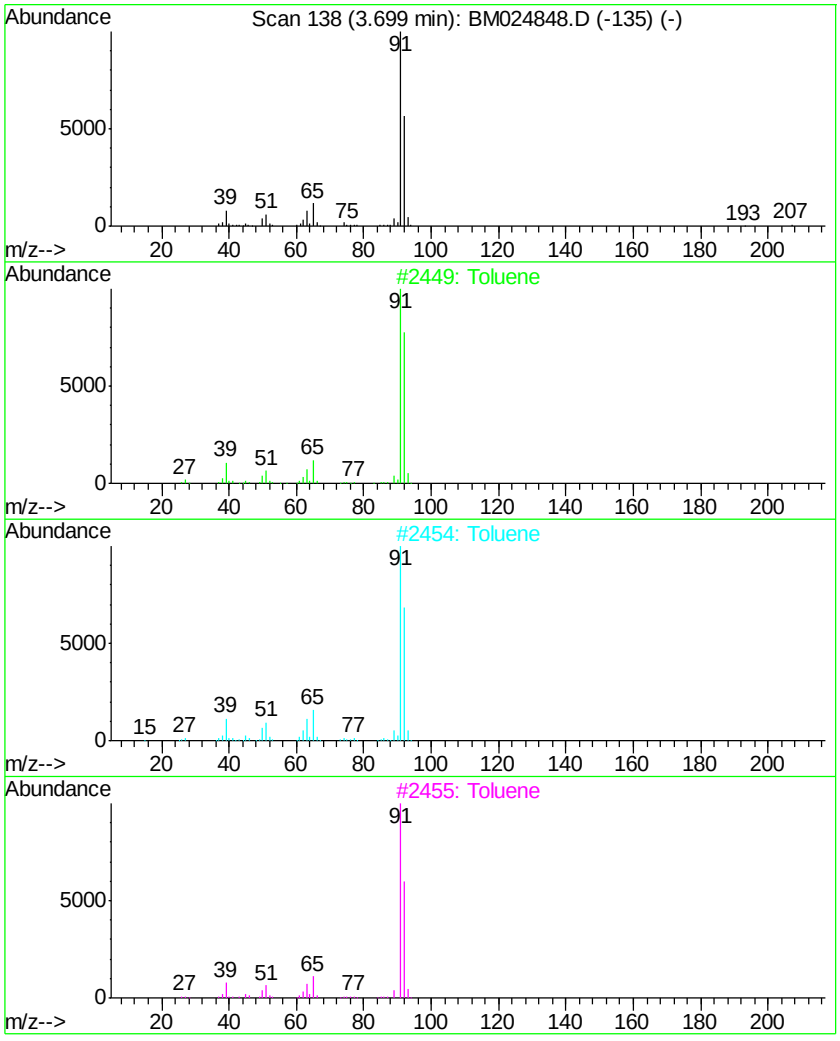
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

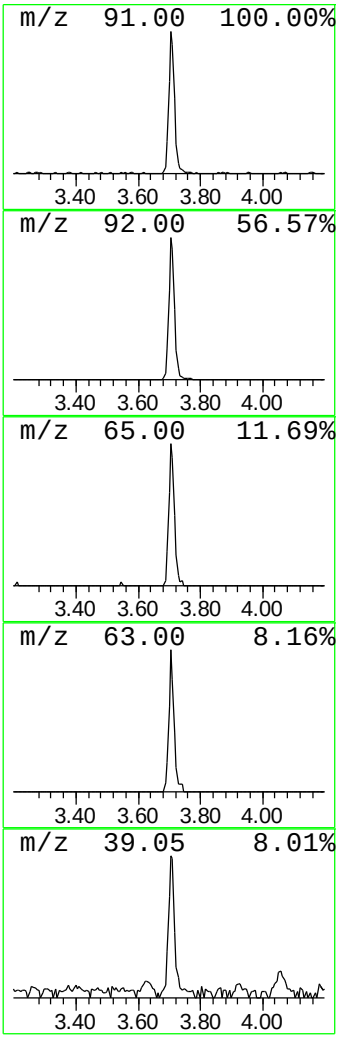
****

Peak Number 1 Toluene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	3.46 ng/ul	323373	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	91
3	Toluene	92	C7H8	000108-88-3	90
4	Toluene	92	C7H8	000108-88-3	90
5	Toluene	92	C7H8	000108-88-3	87





Library Search Compound Report

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Data File : BM024848.D
Acq On : 11 Feb 2020 23:29
Operator : CG/JU
Sample : L1405-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

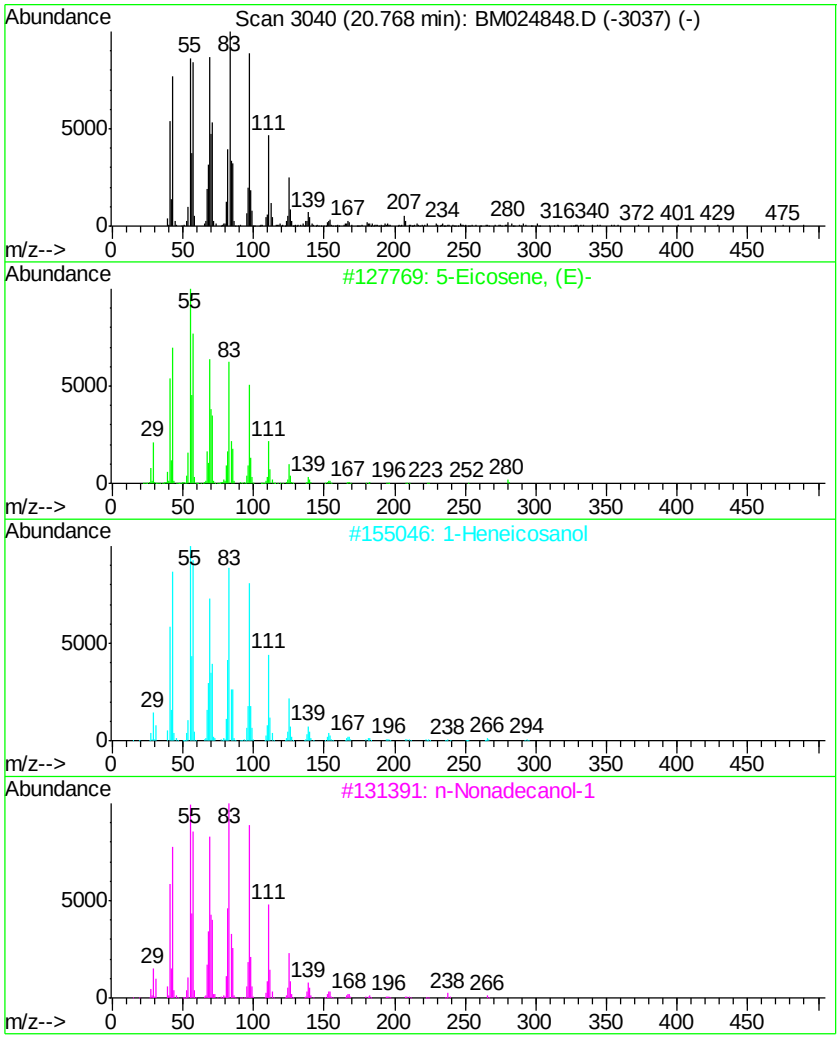
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

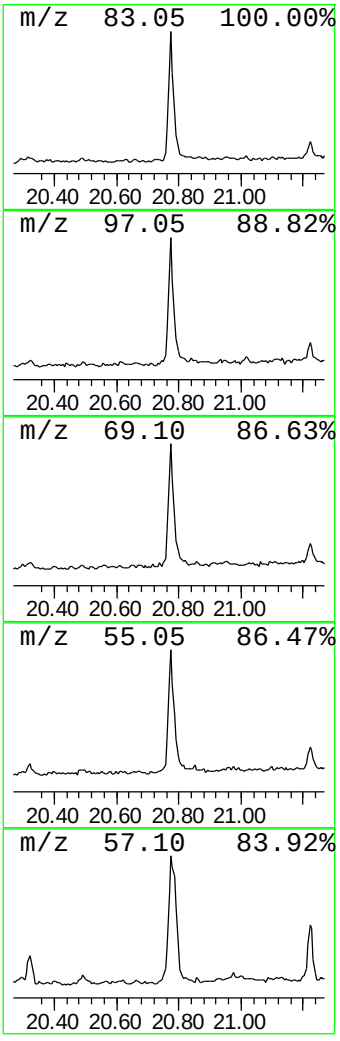
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	5.85 ng/ul	1338440	Chrysene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94





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Instrument : BNA_M
ClientSampleId : CB6S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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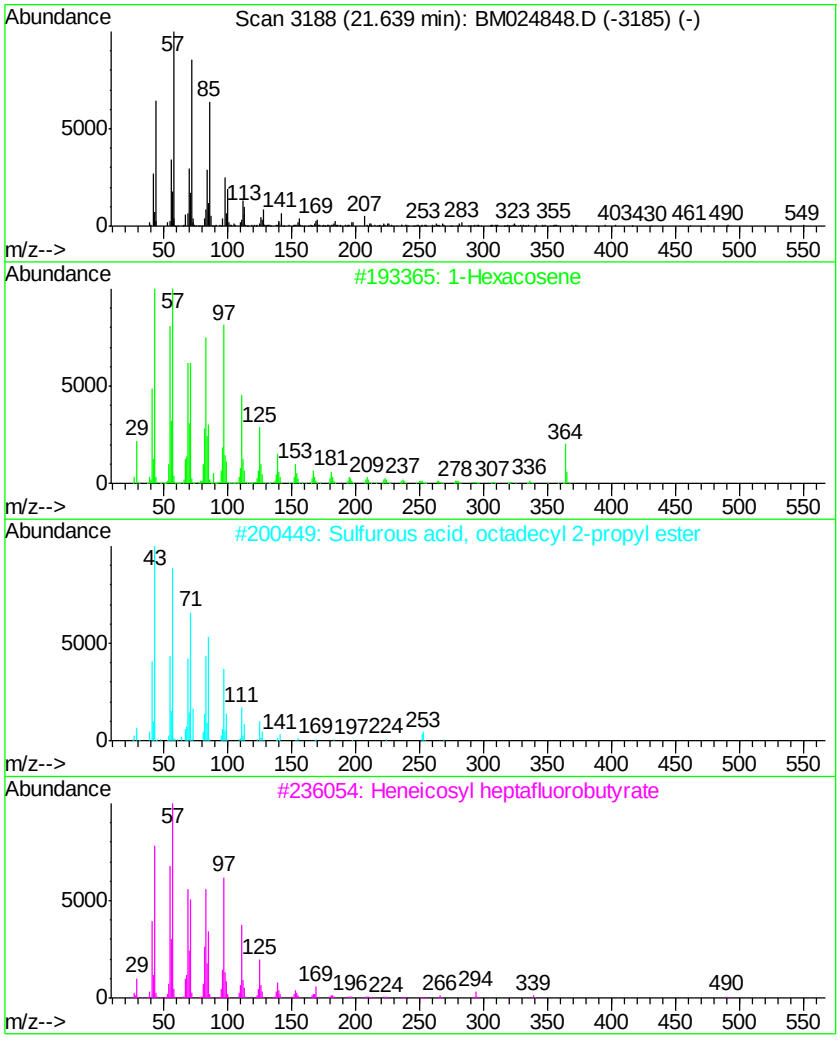
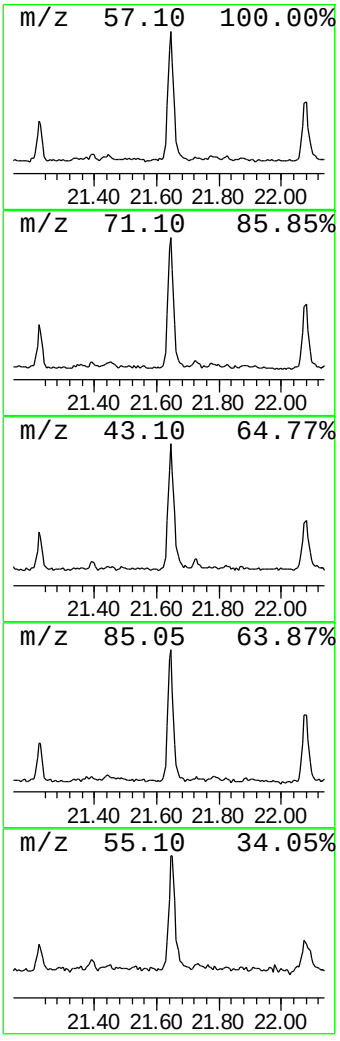
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	5.59 ng/ul	1278540	Chrysene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	95
2	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	91
3	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	60
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	60
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	60





Library Search Compound Report

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Data File : BM024848.D
Acq On : 11 Feb 2020 23:29
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Instrument : BNA_M
ClientSampleId : CB6S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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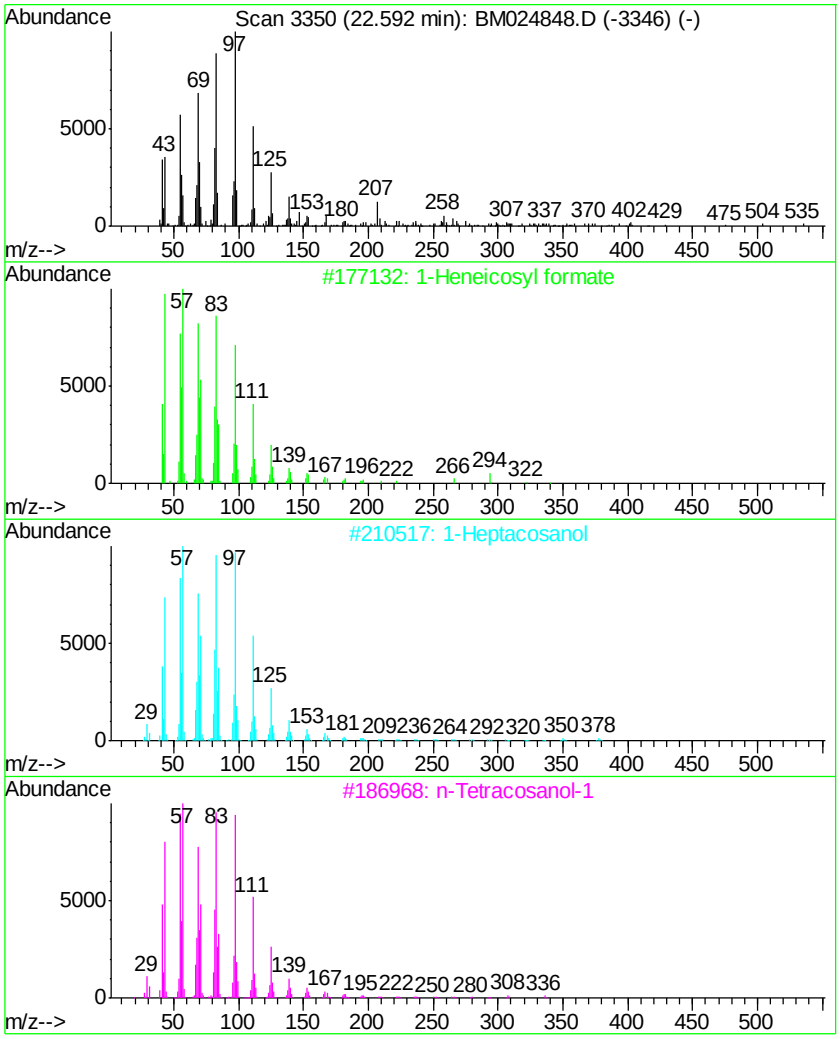
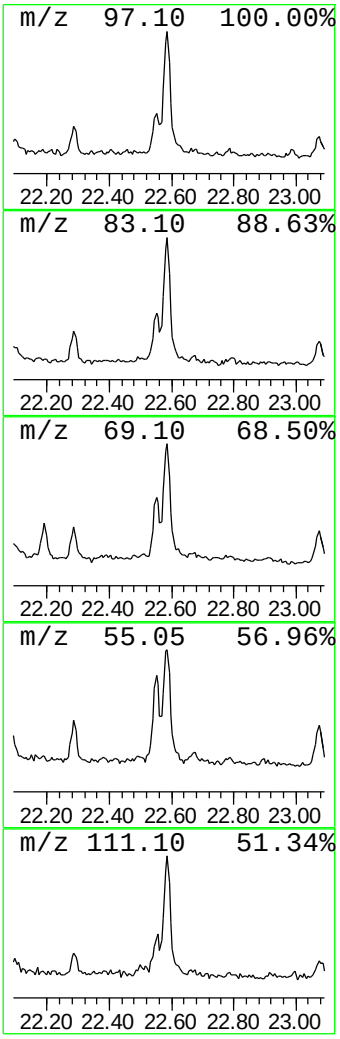
Peak Number 4 1-Heneicosyl formate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.59	4.31 ng/ul	1033390	Perylene-d12	23.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	68
2	1-Heptacosanol	396	C27H56O	002004-39-9	58
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	58
4	Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	53
5	1-Docosene	308	C22H44	001599-67-3	49





Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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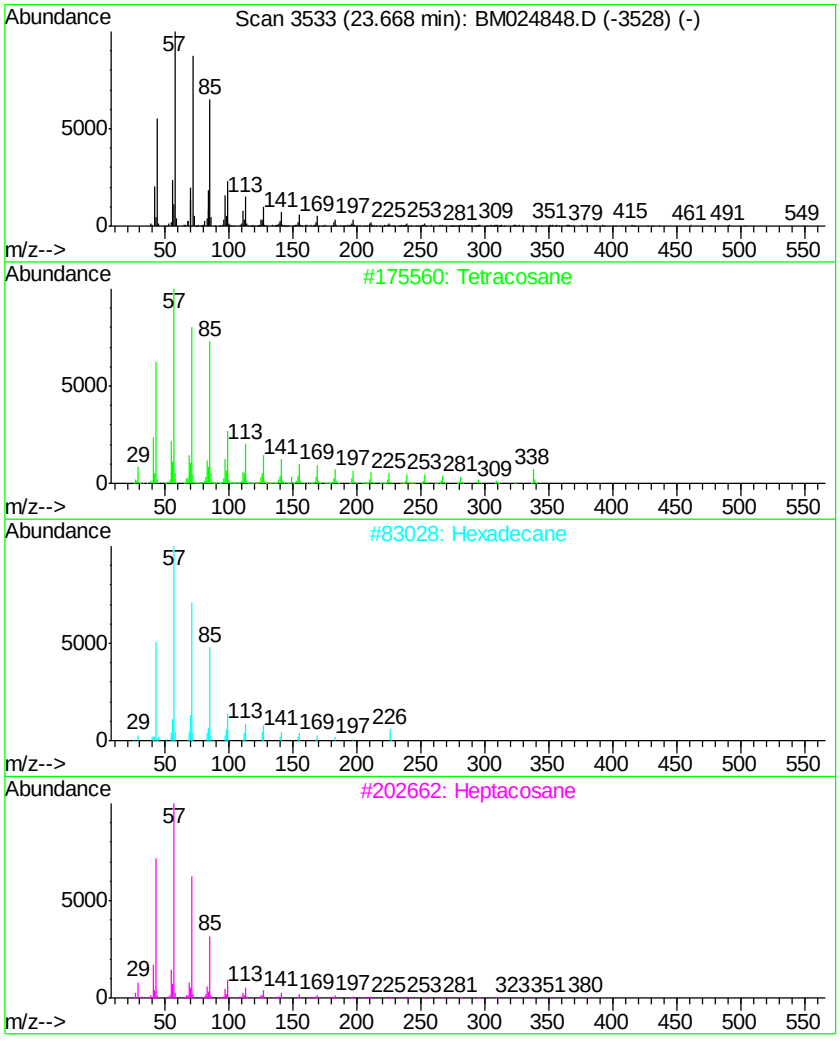
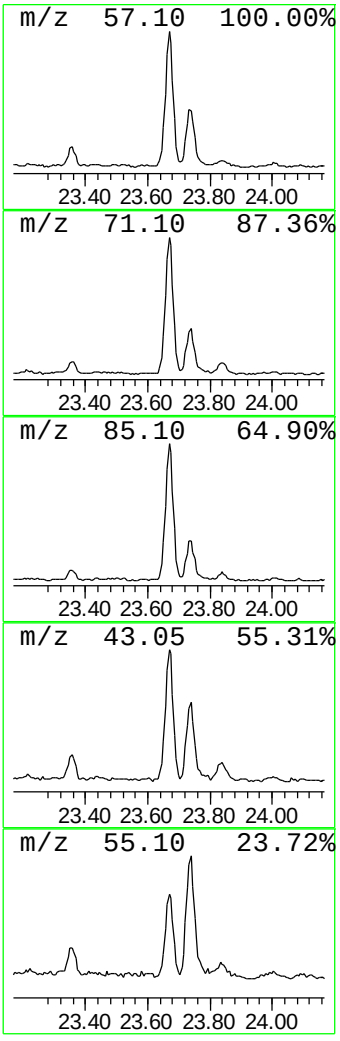
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	5.63 ng/ul	1350430	Perylene-d12	23.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Hexadecane	226	C16H34	000544-76-3	93
3	Heptacosane	380	C27H56	000593-49-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Data File : BM024848.D
Acq On : 11 Feb 2020 23:29
Operator : CG/JU
Sample : L1405-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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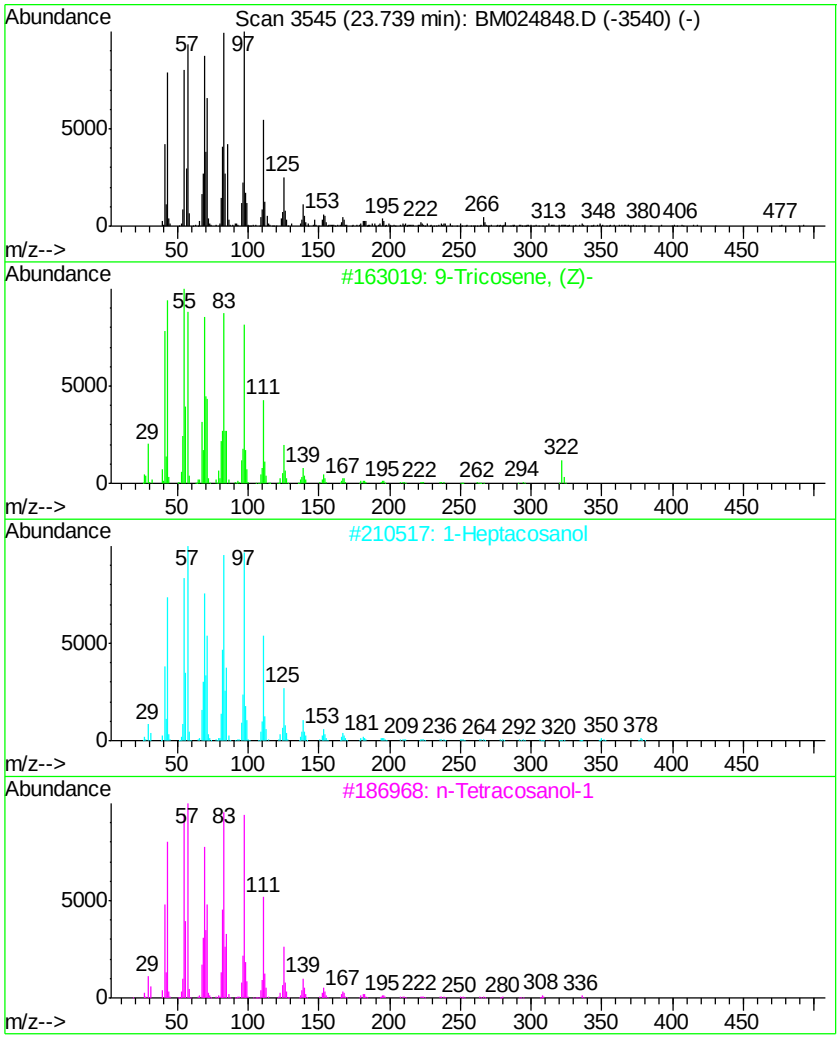
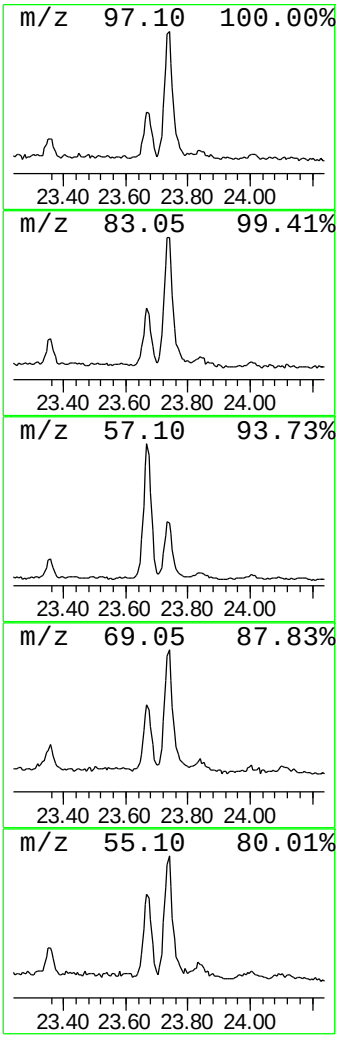
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	4.85 ng/ul	1163620	Perylene-d12	23.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
Data File : BM024848.D
Acq On : 11 Feb 2020 23:29
Operator : CG/JU
Sample : L1405-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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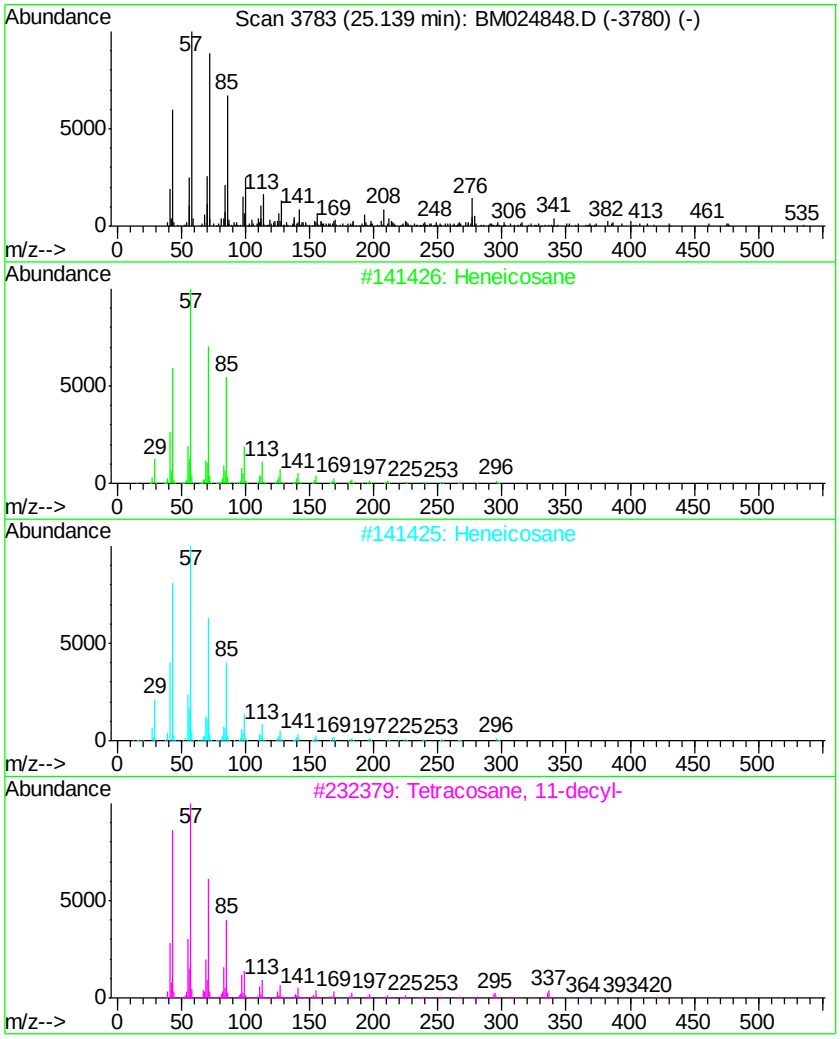
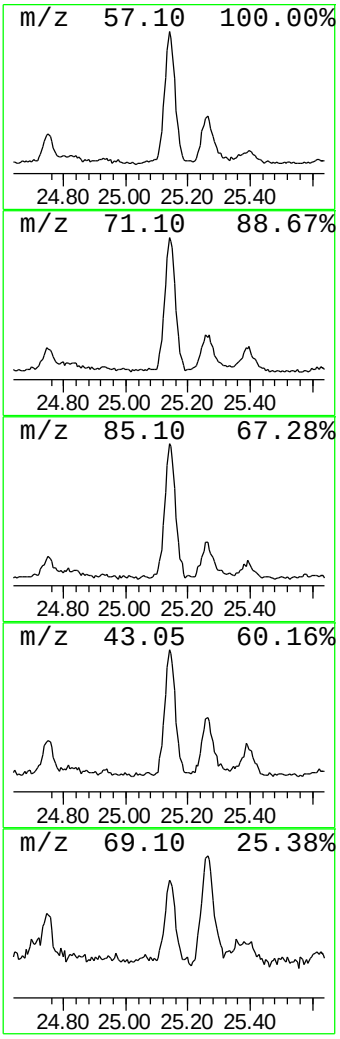
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.14	4.48 ng/ul	1074200	Perylene-d12	23.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Heneicosane	296	C21H44	000629-94-7	94
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	83
4	Triacontane	422	C30H62	000638-68-6	83
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021120\
Data File : BM024848.D
Acq On : 11 Feb 2020 23:29
Operator : CG/JU
Sample : L1405-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Toluene	3.70	3.5	ng/ul	323373	1	7.40	1866620	20.0
(DEL) Alkane: Str...	20.77	5.8	ng/ul	1338440	5	21.02	4577030	20.0
(DEL) Alkane: Str...	21.64	5.6	ng/ul	1278540	5	21.02	4577030	20.0
1-Heneicosyl formate	22.59	4.3	ng/ul	1033390	6	23.12	4798180	20.0
(DEL) Alkane: Str...	23.67	5.6	ng/ul	1350430	6	23.12	4798180	20.0
(DEL) Alkane: Str...	23.74	4.8	ng/ul	1163620	6	23.12	4798180	20.0
(DEL) Alkane: Str...	25.14	4.5	ng/ul	1074200	6	23.12	4798180	20.0