LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030620\
Data File : BP002109.D
Acq On : 06 Mar 2020 22:10
Operator : CG/JU
Sample : L1782-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA7

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_P\METHODS\SOM-EPA-BP022720MA.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	2.917	3	5	16	rVB	912209	1156615	13.23%	1.475%
2	2.993	16	18	21	rVB	12471	10323	0.12%	0.013%
3	3.164	43	47	53	rBV	63291	79200	0.91%	0.101%
4	3.305	67	71	75	rBV	8199	12739	0.15%	0.016%
5	3.799	153	155	161	rVB2	9433	15693	0.18%	0.020%
6	3.893	167	171	173	rBV2	14858	21274	0.24%	0.027%
7	3.958	179	182	185	rBV	11195	12708	0.15%	0.016%
8	4.287	235	238	241	rVV	8567	10901	0.12%	0.014%
9	4.323	243	244	249	rVV2	9969	12748	0.15%	0.016%
10	4.675	301	304	308	rBV	7837	10280	0.12%	0.013%
11	4.846	330	333	335	rBV2	7910	9840	0.11%	0.013%
12	4.875	335	338	343	rVB	9558	10256	0.12%	0.013%
13	5.117	376	379	381	rVB	8587	9387	0.11%	0.012%
14	5.187	389	391	394	rVB	7190	8796	0.10%	0.011%
15	5.381	421	424	429	rBV	5455	9429	0.11%	0.012%
16	6.758	654	658	661	rVB2	5591	10430	0.12%	0.013%
17	6.817	661	668	677	rBV	247591	459139	5.25%	0.585%
18	6.975	689	695	704	rBV	897720	1394094	15.95%	1.777%
19	7.175	722	729	742	rVV	972111	1584854	18.13%	2.021%
20	7.293	747	749	753	rVB	8943	10893	0.12%	0.014%
21	7.364	758	761	765	rVB	8258	13606	0.16%	0.017%
22	7.540	785	791	794	rVB	9223	18204	0.21%	0.023%
23	7.640	801	808	817	rBV	917599	1562669	17.88%	1.992%
24	7.734	823	824	830	rVB	7808	10023	0.11%	0.013%
25	7.987	862	867	877	rVB2	26307	61436	0.70%	0.078%
26	8.340	921	927	937	rBV	759808	1223527	14.00%	1.560%
27	8.781	994	1002	1010	rBV	1021358	1708027	19.54%	2.178%
28	9.269	1079	1085	1090	rVB	182193	279884	3.20%	0.357%
29	9.346	1094	1098	1101	rVB	5897	10086	0.12%	0.013%
30	9.499	1117	1124	1131	rBV	874819	1364394	15.61%	1.740%
31	9.922	1193	1196	1198	rBV	10918	13293	0.15%	0.017%
32	9.958	1200	1202	1206	rVB	7891	9612	0.11%	0.012%
33	10.034	1206	1215	1229	rBV	1415740	2445729	27.98%	3.118%
34	10.122	1229	1230	1234	rVV	13550	14996	0.17%	0.019%

LSC Area Percent Report

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Data File : BP002109.D
Acq On : 06 Mar 2020 22:10
Operator : CG/JU
Sample : L1782-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA7

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_P\METHODS\SOM-EPA-BP022720MA.M
Title : SVOA CALIBRATION

35	10.281	1251	1257	1262	rVB2	33444	64927	0.74%	0.083%
36	10.410	1269	1279	1285	rBV	1321105	2281603	26.10%	2.909%
37	10.458	1285	1287	1293	rVB	51692	69047	0.79%	0.088%
38	10.552	1297	1303	1310	rBV3	62358	139772	1.60%	0.178%
39	10.793	1341	1344	1350	rVB	10410	20405	0.23%	0.026%
40	11.110	1394	1398	1400	rBV	7769	8810	0.10%	0.011%
41	11.352	1435	1439	1443	rBV	14070	18070	0.21%	0.023%
42	11.757	1501	1508	1513	rBV2	99854	155455	1.78%	0.198%
43	12.004	1546	1550	1558	rVB2	23774	42881	0.49%	0.055%
44	12.304	1597	1601	1604	rVB	16917	23494	0.27%	0.030%
45	13.128	1735	1741	1743	rVV	8749	13959	0.16%	0.018%
46	13.569	1813	1816	1818	rBV	8065	10016	0.11%	0.013%
47	13.599	1818	1821	1824	rVB	12861	19131	0.22%	0.024%
48	13.628	1824	1826	1828	rBV	9503	9571	0.11%	0.012%
49	13.687	1829	1836	1841	rVV	2932047	3986557	45.60%	5.083%
50	13.734	1841	1844	1848	rVV	124270	176216	2.02%	0.225%
51	13.763	1848	1849	1855	rVV	24912	26619	0.30%	0.034%
52	13.834	1859	1861	1865	rVB	7226	9317	0.11%	0.012%
53	13.963	1876	1883	1895	rVB	3300407	4925767	56.35%	6.280%
54	14.275	1929	1936	1942	rBV	2101085	3124474	35.74%	3.984%
55	14.340	1942	1947	1952	rVB2	38407	62420	0.71%	0.080%
56	14.481	1965	1971	1979	rBV2	110739	230478	2.64%	0.294%
57	14.681	2001	2005	2009	rVV2	22530	37572	0.43%	0.048%
58	14.793	2022	2024	2027	rVB	9555	10324	0.12%	0.013%
59	14.828	2027	2030	2034	rBV	8750	18368	0.21%	0.023%
60	15.104	2074	2077	2081	rBV	11191	15578	0.18%	0.020%
61	15.269	2099	2105	2112	rBV	4277311	6282049	71.86%	8.010%
62	15.328	2112	2115	2120	rVB2	41108	58745	0.67%	0.075%
63	15.393	2120	2126	2135	rBV	907385	1265729	14.48%	1.614%
64	15.516	2141	2147	2152	rBV2	48879	75368	0.86%	0.096%
65	15.581	2154	2158	2160	rBV	9159	10682	0.12%	0.014%
66	15.622	2162	2165	2167	rBV	10374	10876	0.12%	0.014%
67	15.998	2227	2229	2232	rVV	17948	18728	0.21%	0.024%
68	16.063	2236	2240	2246	rVV	23256	37825	0.43%	0.048%
69	16.469	2305	2309	2311	rVB	8782	11484	0.13%	0.015%
70	16.575	2323	2327	2330	rBV	11119	17804	0.20%	0.023%
71	16.710	2348	2350	2354	rVB	16806	15536	0.18%	0.020%

LSC Area Percent Report

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Data File : BP002109.D
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Operator : CG/JU
Sample : L1782-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA7

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Title : SVOA CALIBRATION

72	16.816	2364	2368	2371	rBV2	17204	25653	0.29%	0.033%
73	17.028	2397	2404	2409	rBV	2598113	3698129	42.30%	4.715%
74	17.122	2414	2420	2431	rVB2	4622547	6722929	76.91%	8.572%
75	17.428	2470	2472	2477	rVB2	10704	14589	0.17%	0.019%
76	17.822	2535	2539	2542	rBV	15120	22181	0.25%	0.028%
77	17.945	2555	2560	2566	rBV2	200280	298769	3.42%	0.381%
78	18.239	2608	2610	2615	rVB	26473	27501	0.31%	0.035%
79	19.016	2738	2742	2745	rBV	59015	83967	0.96%	0.107%
80	19.186	2767	2771	2778	rBV	55369	88916	1.02%	0.113%
81	19.257	2780	2783	2790	rVB	57479	87023	1.00%	0.111%
82	19.369	2796	2802	2813	rVB2	6183628	8413647	96.25%	10.728%
83	19.933	2895	2898	2901	rBV2	43022	45381	0.52%	0.058%
84	20.416	2977	2980	2983	rBV2	83572	78655	0.90%	0.100%
85	20.863	3052	3056	3063	rBV2	365504	616719	7.05%	0.786%
86	21.122	3094	3100	3108	rBV	3333785	4342737	49.68%	5.537%
87	21.292	3126	3129	3133	rBV2	221318	244559	2.80%	0.312%
88	21.727	3199	3203	3211	rBV	274930	355450	4.07%	0.453%
89	22.186	3277	3281	3290	rVB	352797	491822	5.63%	0.627%
90	22.310	3298	3302	3308	rVB	312614	404572	4.63%	0.516%
91	22.692	3362	3367	3373	rBV	382591	562717	6.44%	0.717%
92	23.186	3444	3451	3459	rBV	4843735	8741858	100.00%	11.146%
93	23.257	3459	3463	3468	rVV	391214	650204	7.44%	0.829%
94	23.327	3468	3475	3490	rVB	2309592	4548658	52.03%	5.800%
95	23.904	3568	3573	3581	rVB	308699	561012	6.42%	0.715%
96	24.651	3695	3700	3707	rVB2	198347	411958	4.71%	0.525%

Sum of corrected areas: 78430348

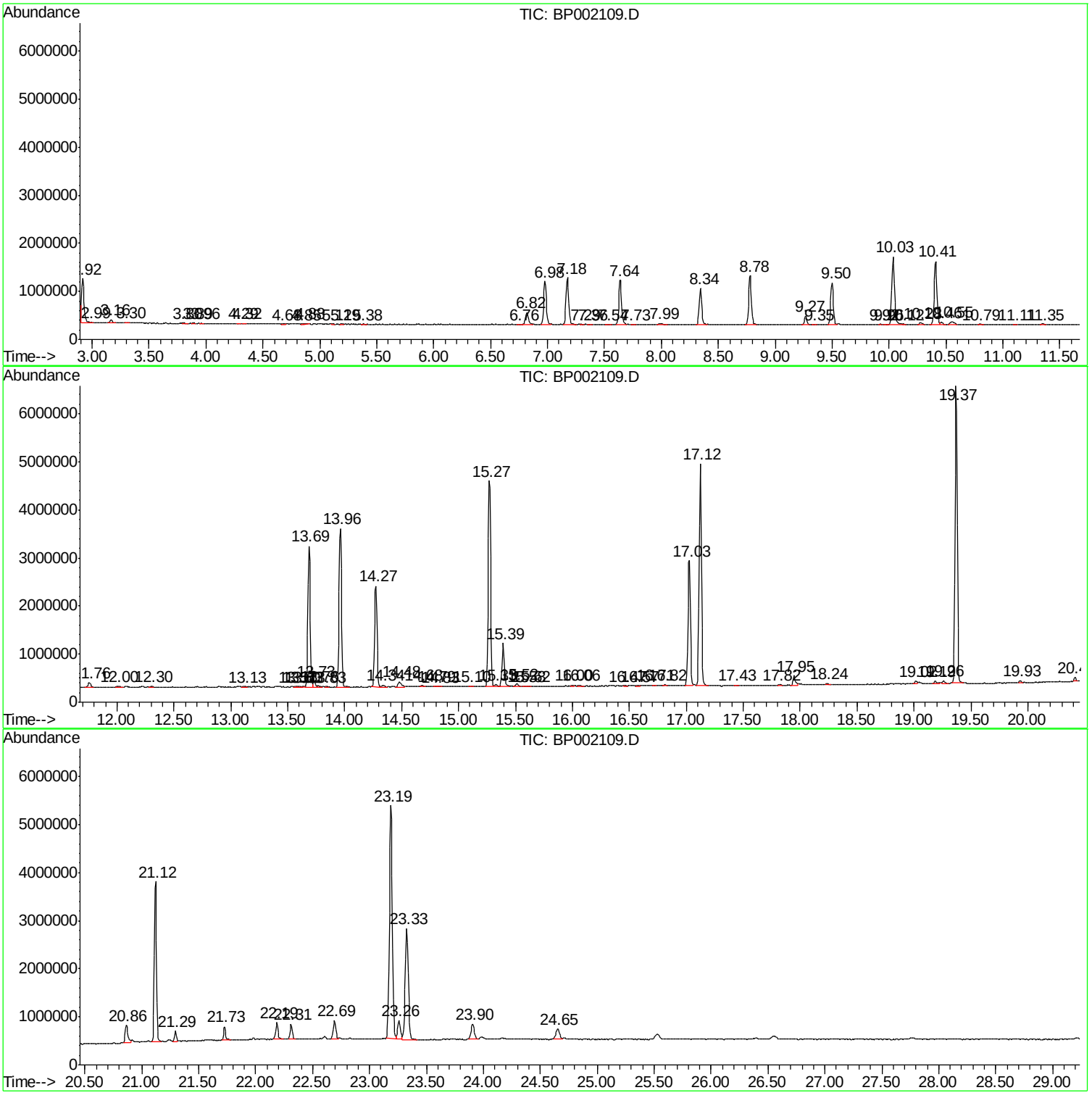
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030620\
Data File : BP002109.D
Acq On : 06 Mar 2020 22:10
Operator : CG/JU
Sample : L1782-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030620\
Data File : BP002109.D
Acq On : 06 Mar 2020 22:10
Operator : CG/JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

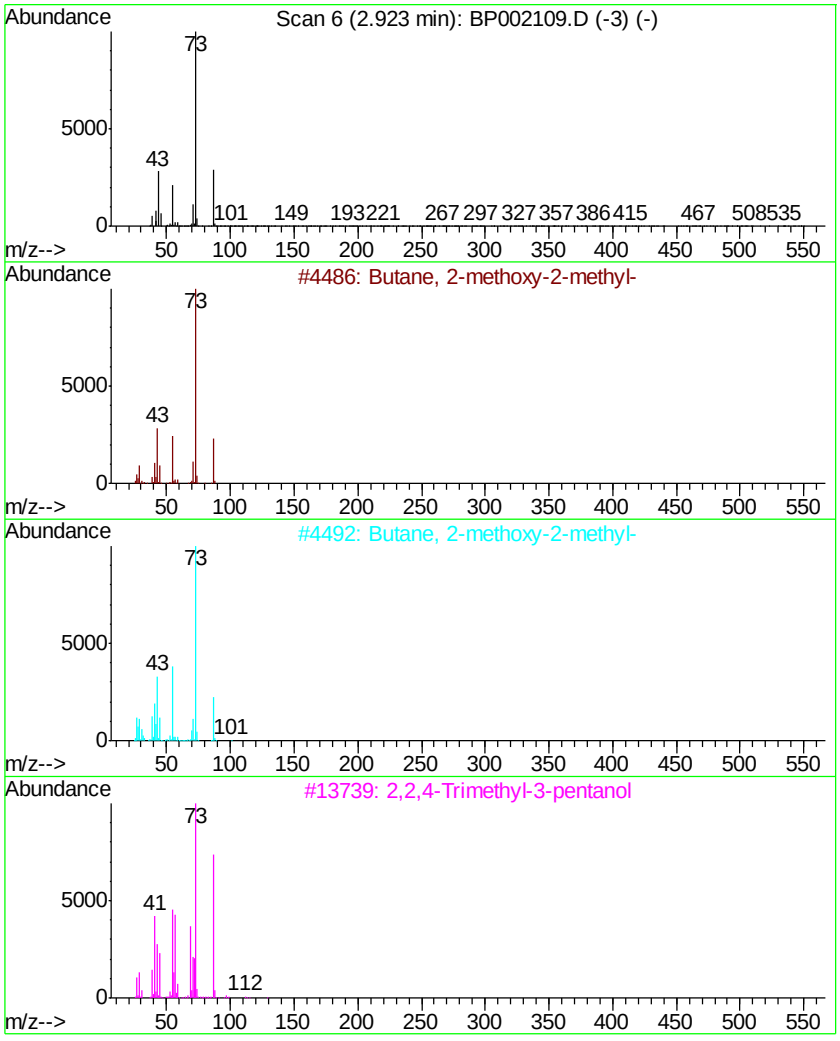
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

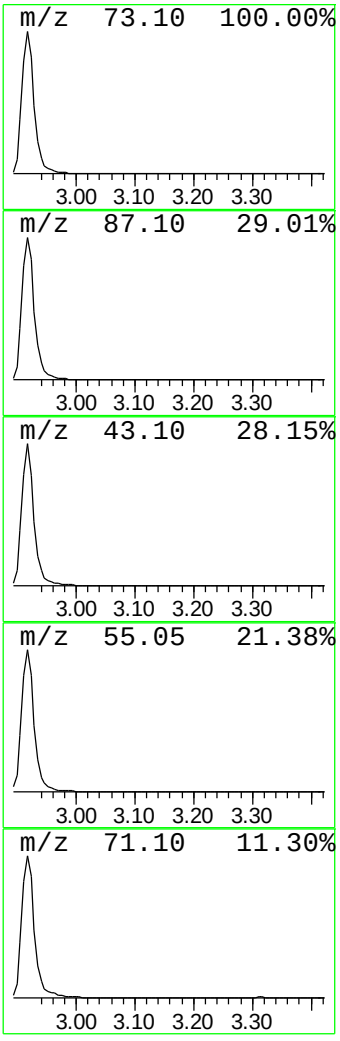
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	14.80 ng/ul	1156620	1,4-Dichlorobenzene-d4	7.64

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	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030620\
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Sample : L1782-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

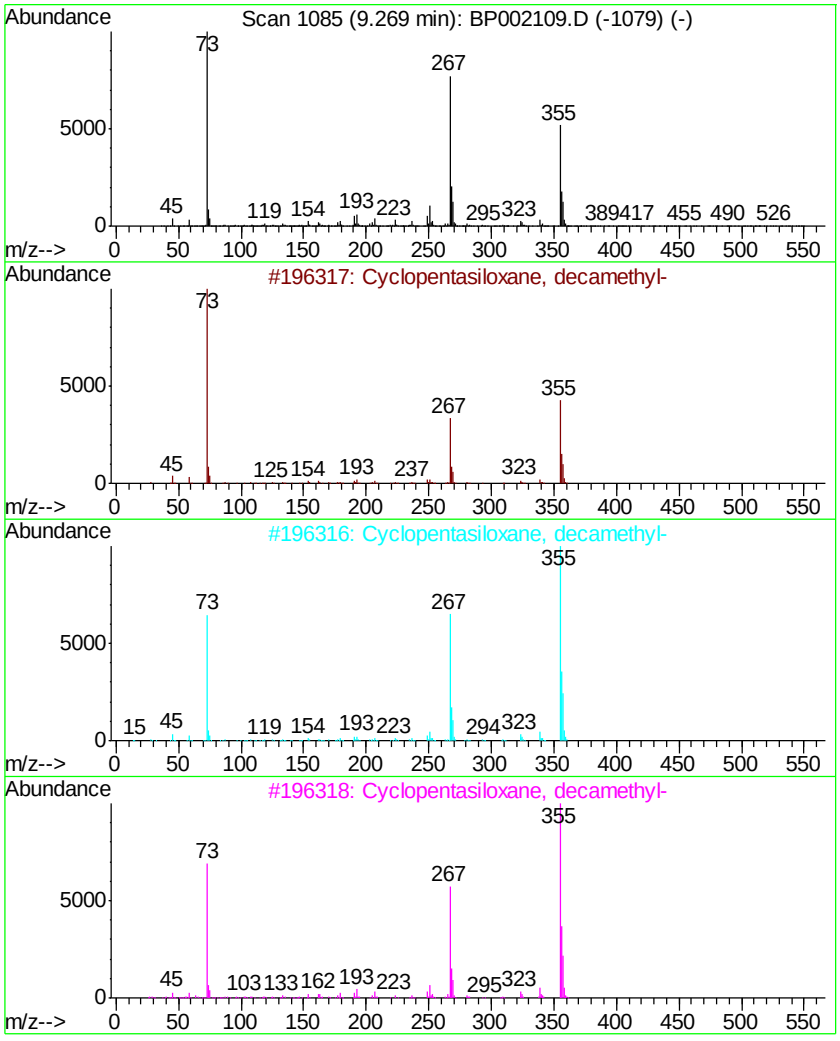
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

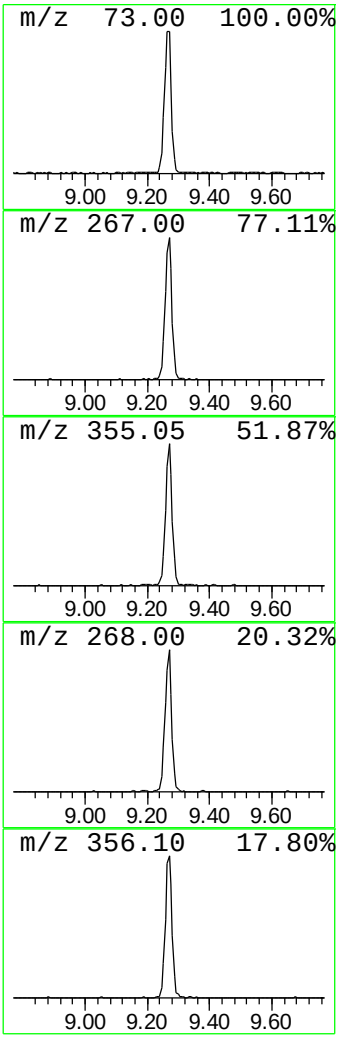
****

Peak Number 2 Cyclopentasiloxane, decamet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	2.45 ng/ul	279884	Naphthalene-d8	10.41

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	91
3	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
4	Plumbane, diethyldimethyl-	296	C6H16Pb	001762-27-2	83
5	Silanamine, 1,1,1-trimethyl-N-[2...	369	C17H35NO2Si3	068595-60-8	47





Library Search Compound Report

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Instrument : BNA_P
ClientSampleId : C0AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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

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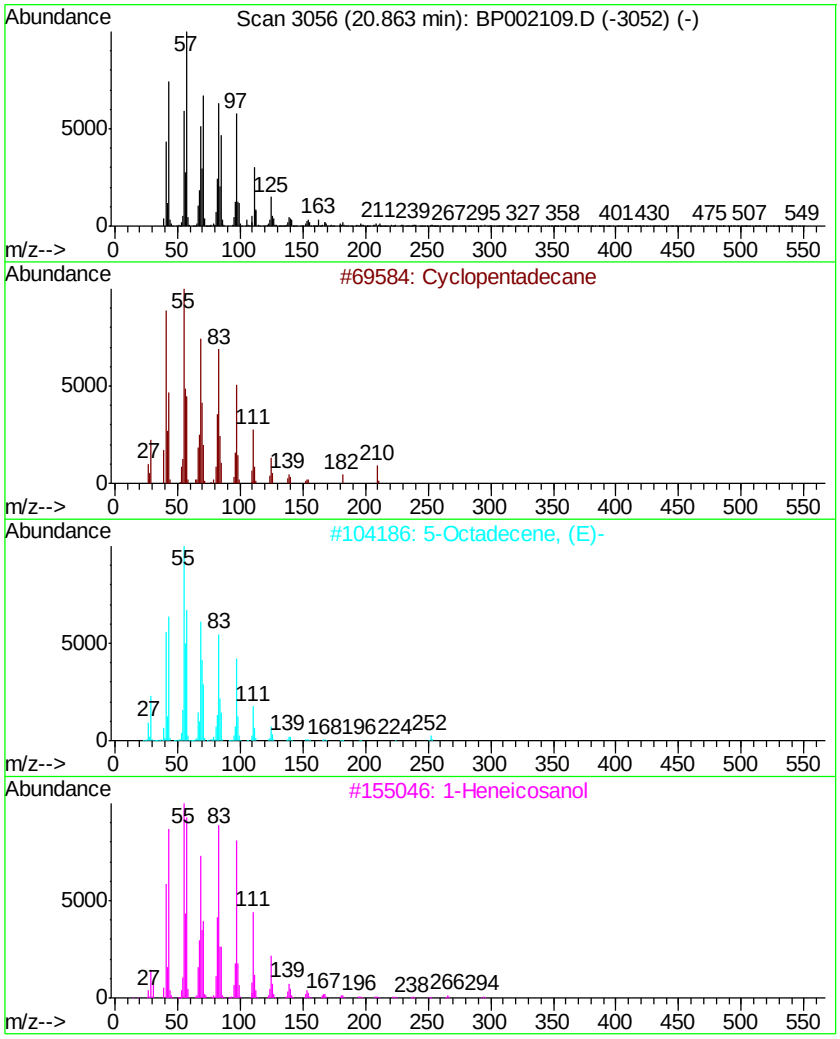
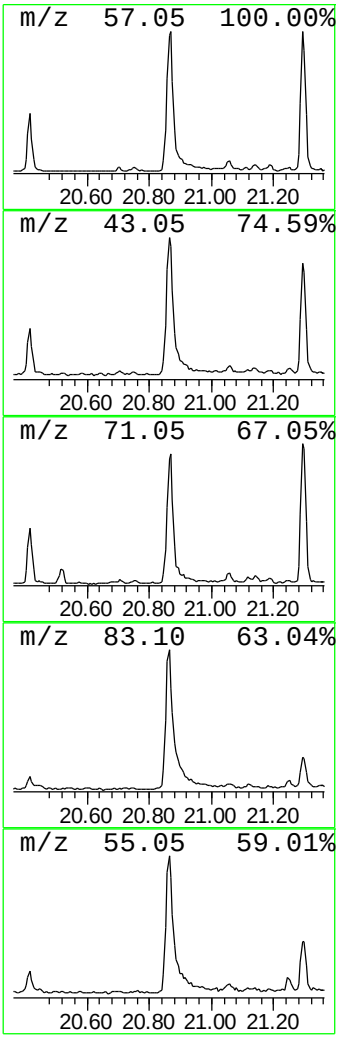
Peak Number 3 (DEL) Alkane: Cyclic20.86 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.84 ng/ul	616719	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	96
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90
5	Cyclohexadecane	224	C16H32	000295-65-8	89





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Data File : BP002109.D
Acq On : 06 Mar 2020 22:10
Operator : CG/JU
Sample : L1782-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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

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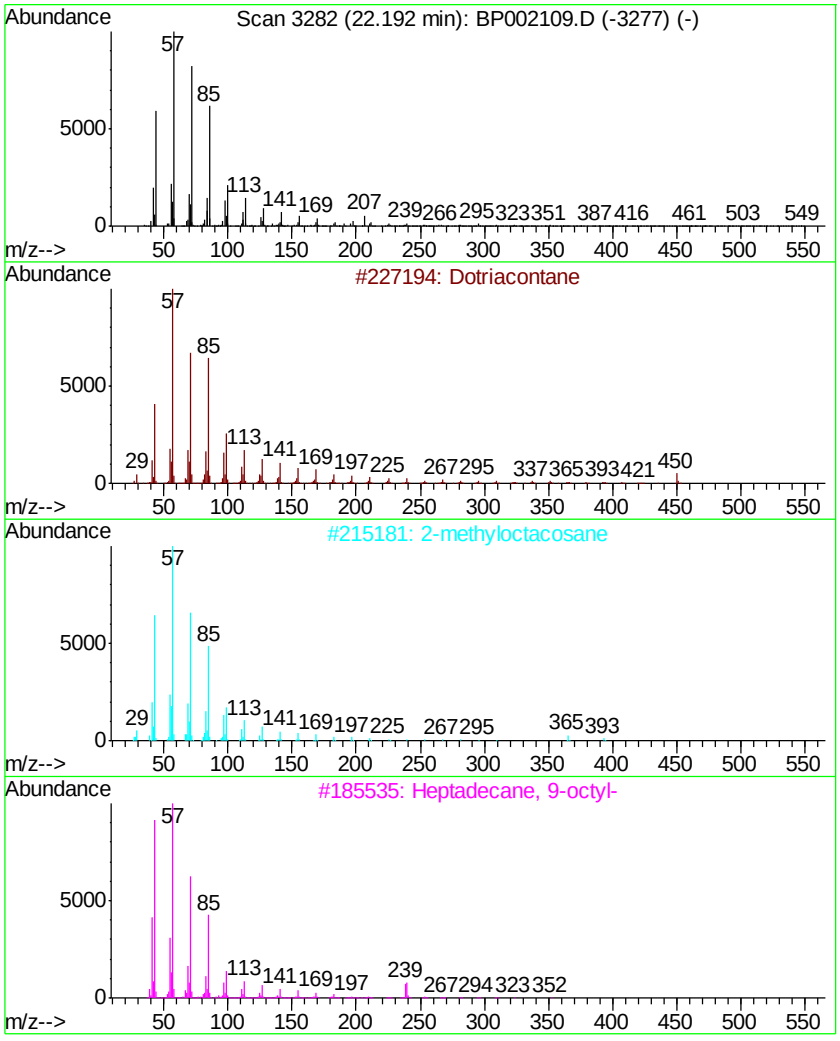
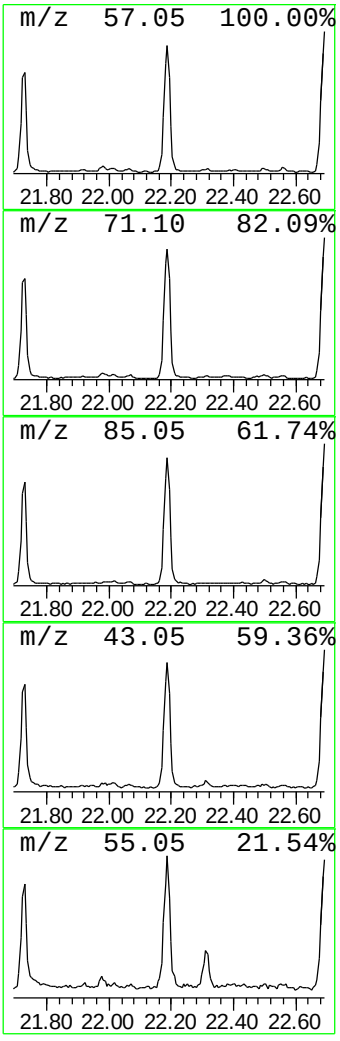
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	2.27 ng/ul	491822	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontane	451	C32H66	000544-85-4	96
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heneicosane	296	C21H44	000629-94-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030620\
Data File : BP002109.D
Acq On : 06 Mar 2020 22:10
Operator : CG/JU
Sample : L1782-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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

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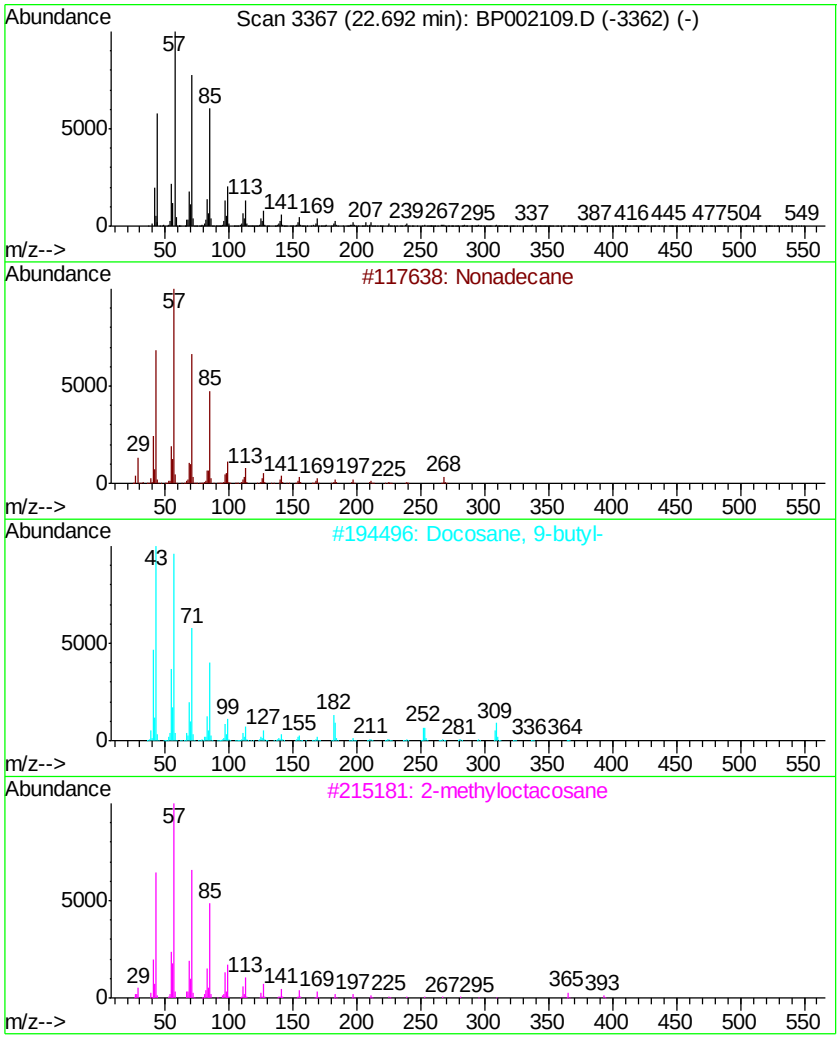
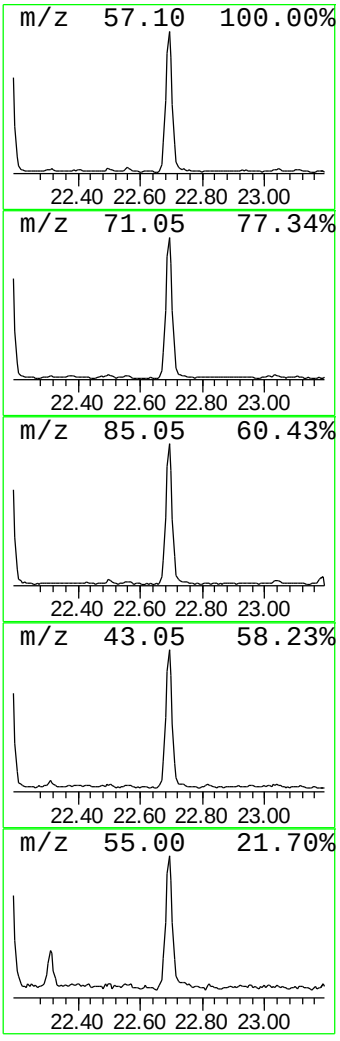
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	2.47 ng/ul	562717	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Docosane, 9-butyl-	366	C26H54	055282-14-9	94
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030620\
Data File : BP002109.D
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Sample : L1782-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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

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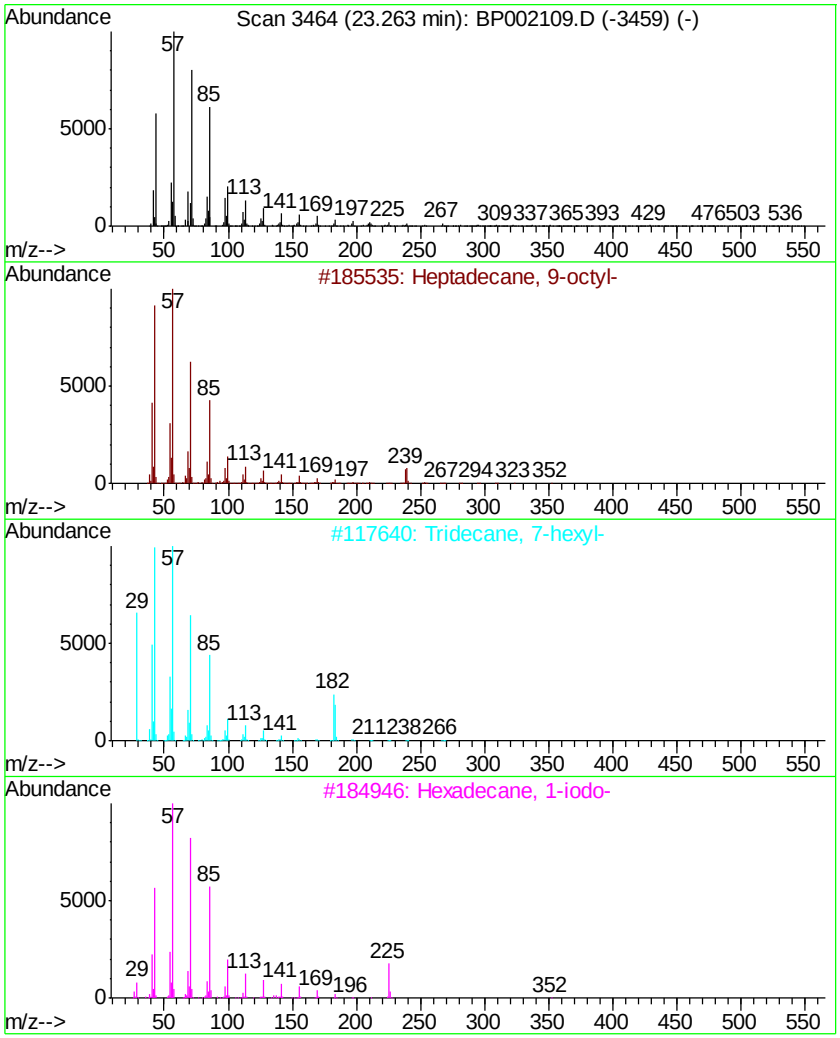
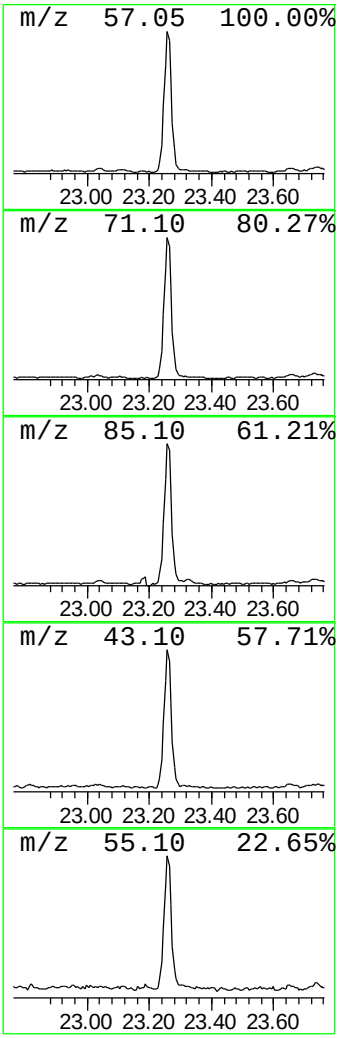
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	2.86 ng/ul	650204	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	98
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	94
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	94
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
5	Octadecane	254	C18H38	000593-45-3	93





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Data File : BP002109.D
Acq On : 06 Mar 2020 22:10
Operator : CG/JU
Sample : L1782-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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

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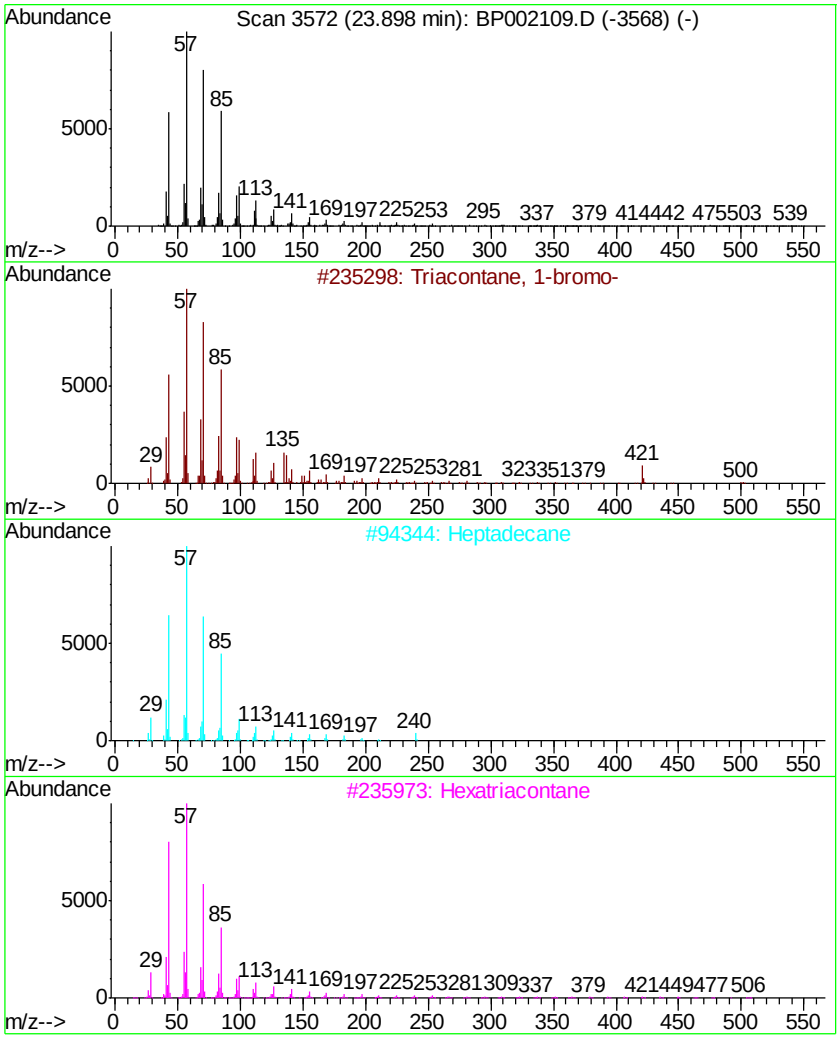
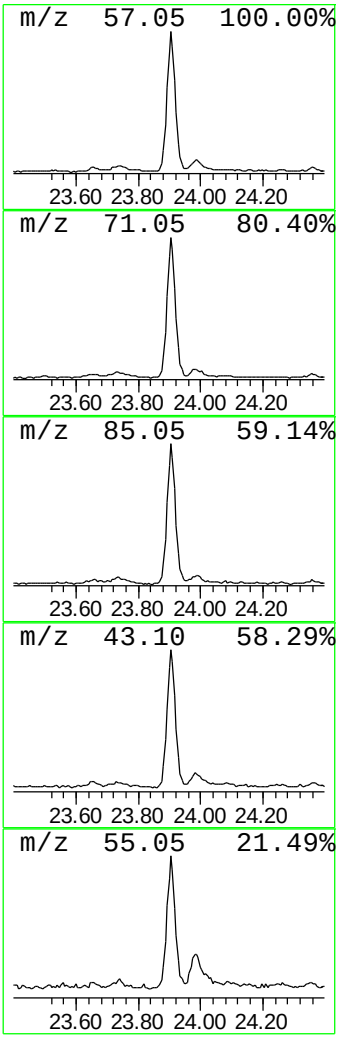
Peak Number 7 Triacontane, 1-bromo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	2.47 ng/ul	561012	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	93
2	Heptadecane	240	C17H36	000629-78-7	93
3	Hexatriacontane	507	C36H74	000630-06-8	92
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP030620\
Data File : BP002109.D
Acq On : 06 Mar 2020 22:10
Operator : CG/JU
Sample : L1782-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.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
Butane, 2-methoxy...	2.92	14.8	ng/ul	1156620	1	7.64	1562670	20.0
Cyclopentasiloxan...	9.27	2.5	ng/ul	279884	2	10.41	2281600	20.0
(DEL) Alkane: Cyc...	20.86	2.8	ng/ul	616719	5	21.12	4342740	20.0
(DEL) Alkane: Str...	22.19	2.3	ng/ul	491822	5	21.12	4342740	20.0
(DEL) Alkane: Str...	22.69	2.5	ng/ul	562717	6	23.33	4548660	20.0
(DEL) Alkane: Str...	23.26	2.9	ng/ul	650204	6	23.33	4548660	20.0
Triacontane, 1-br...	23.90	2.5	ng/ul	561012	6	23.33	4548660	20.0