LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052020\
Data File : BM026035.D
Acq On : 20 May 2020 12:46
Operator : MA/SJ
Sample : L2653-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE1

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-BM051320MA.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	3.069	28	31	42	rVB	44445	65670	1.87%	0.178%
2	3.775	147	151	156	rVB4	13550	19806	0.56%	0.054%
3	4.140	206	213	218	rBV9	6911	11461	0.33%	0.031%
4	4.293	234	239	242	rVV7	3568	5151	0.15%	0.014%
5	5.093	373	375	380	rBV5	4578	5621	0.16%	0.015%
6	5.475	436	440	447	rBV4	5307	9684	0.28%	0.026%
7	5.587	457	459	465	rVB5	8371	11953	0.34%	0.032%
8	5.969	521	524	527	rVB5	2393	3733	0.11%	0.010%
9	6.004	527	530	534	rBV5	3638	4820	0.14%	0.013%
10	6.434	599	603	606	rVB6	3317	4137	0.12%	0.011%
11	6.651	636	640	641	rBV2	4638	5029	0.14%	0.014%
12	6.692	641	647	655	rVB	170080	275261	7.85%	0.745%
13	6.845	665	673	686	rBV	581836	911910	26.01%	2.469%
14	7.039	699	706	716	rBV	614422	971794	27.72%	2.631%
15	7.498	777	784	793	rBV	625470	938760	26.78%	2.541%
16	7.586	793	799	803	rVV2	8673	12003	0.34%	0.032%
17	8.210	899	905	916	rBV	472333	713796	20.36%	1.932%
18	8.592	964	970	972	rBV	14920	21751	0.62%	0.059%
19	8.639	972	978	987	rVB	724474	1155718	32.97%	3.129%
20	8.828	1006	1010	1014	rBV5	5490	8458	0.24%	0.023%
21	8.898	1020	1022	1027	rVB5	2409	3803	0.11%	0.010%
22	8.939	1027	1029	1034	rBV5	2259	4095	0.12%	0.011%
23	9.357	1093	1100	1110	rBV	591727	919045	26.21%	2.488%
24	9.645	1142	1149	1157	rBV8	2827	7966	0.23%	0.022%
25	9.892	1183	1191	1205	rBV	811220	1304220	37.20%	3.531%
26	9.986	1205	1207	1211	rVB5	3965	4668	0.13%	0.013%
27	10.186	1233	1241	1245	rBV3	8632	17538	0.50%	0.047%
28	10.263	1247	1254	1261	rVV	829412	1331818	37.99%	3.605%
29	10.845	1347	1353	1355	rBV4	2369	4011	0.11%	0.011%
30	10.910	1359	1364	1366	rBV5	3343	4273	0.12%	0.012%
31	11.086	1390	1394	1401	rBV6	5085	10829	0.31%	0.029%
32	11.574	1471	1477	1480	rBV4	13567	24126	0.69%	0.065%
33	11.863	1521	1526	1533	rVB	13596	23700	0.68%	0.064%
34	12.186	1577	1581	1585	rBV5	2653	5018	0.14%	0.014%

LSC Area Percent Report

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Acq On : 20 May 2020 12:46
Operator : MA/SJ
Sample : L2653-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE1

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-BM051320MA.M
Title : SVOA CALIBRATION

35	12.439	1619	1624	1627	rBV5	8961	11739	0.33%	0.032%
36	12.498	1631	1634	1636	rVV3	5551	6687	0.19%	0.018%
37	12.527	1636	1639	1644	rVB3	7861	10468	0.30%	0.028%
38	12.757	1673	1678	1685	rBV8	7083	12419	0.35%	0.034%
39	12.986	1714	1717	1723	rBV3	4435	7523	0.21%	0.020%
40	13.068	1726	1731	1742	rBV5	11003	23273	0.66%	0.063%
41	13.563	1809	1815	1822	rBV	1442503	1932203	55.11%	5.231%
42	13.627	1822	1826	1831	rVB	9637	13701	0.39%	0.037%
43	13.827	1854	1860	1871	rBV	1341014	1976320	56.37%	5.350%
44	14.145	1906	1914	1924	rBV	1154243	1784832	50.91%	4.832%
45	14.239	1926	1930	1935	rBV	19042	25938	0.74%	0.070%
46	14.363	1945	1951	1965	rBV	102353	184368	5.26%	0.499%
47	14.839	2026	2032	2036	rBV2	13668	20760	0.59%	0.056%
48	14.986	2052	2057	2064	rBV4	7766	15559	0.44%	0.042%
49	15.145	2077	2084	2090	rBV	2087641	2865800	81.74%	7.758%
50	15.198	2091	2093	2100	rVV3	9526	11405	0.33%	0.031%
51	15.268	2100	2105	2117	rVV	665958	891189	25.42%	2.413%
52	15.386	2120	2125	2130	rVB	24720	34002	0.97%	0.092%
53	15.527	2142	2149	2154	rBV4	12992	29249	0.83%	0.079%
54	15.927	2214	2217	2223	rVB7	6666	10088	0.29%	0.027%
55	16.445	2302	2305	2312	rVV3	6240	8167	0.23%	0.022%
56	16.509	2312	2316	2321	rVV6	3956	5788	0.17%	0.016%
57	16.574	2323	2327	2329	rBV4	3757	4755	0.14%	0.013%
58	16.674	2341	2344	2349	rVV5	7092	11344	0.32%	0.031%
59	16.892	2374	2381	2391	rBV	1485401	1988990	56.73%	5.384%
60	16.992	2391	2398	2413	rVV	2190175	2992205	85.35%	8.100%
61	17.203	2430	2434	2438	rBV3	4625	6366	0.18%	0.017%
62	17.509	2484	2486	2490	rVB4	4942	5001	0.14%	0.014%
63	17.580	2490	2498	2508	rBV	220193	291839	8.32%	0.790%
64	17.892	2546	2551	2556	rBV3	11972	24068	0.69%	0.065%
65	18.056	2577	2579	2584	rVB6	4979	6061	0.17%	0.016%
66	18.386	2631	2635	2641	rBV	23319	30025	0.86%	0.081%
67	18.462	2645	2648	2652	rVB5	4321	6532	0.19%	0.018%
68	18.856	2712	2715	2717	rBV3	6196	7443	0.21%	0.020%
69	18.927	2723	2727	2731	rVB	21585	28458	0.81%	0.077%
70	19.174	2766	2769	2774	rBV	20376	27924	0.80%	0.076%
71	19.292	2782	2789	2797	rBV	2710004	3505868	100.00%	9.491%

LSC Area Percent Report

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Sample : L2653-02
Misc :
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Instrument : BNA_M
ClientSampleId : C0AE1

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_M\METHODS\SOM-EPA-BM051320MA.M
Title : SVOA CALIBRATION

72	19.697	2856	2858	2860	rBV2	5653	5401	0.15%	0.015%
73	19.968	2902	2904	2908	rBV3	7614	9644	0.28%	0.026%
74	21.091	3089	3095	3100	rBV	1876490	2354178	67.15%	6.373%
75	21.280	3125	3127	3130	rVB2	31586	29099	0.83%	0.079%
76	21.703	3196	3199	3202	rVB	70070	77500	2.21%	0.210%
77	22.138	3270	3273	3278	rVB	119777	150082	4.28%	0.406%
78	22.621	3351	3355	3361	rVB	156004	208747	5.95%	0.565%
79	23.080	3427	3433	3440	rBV2	2096286	3500968	99.86%	9.478%
80	23.150	3441	3445	3449	rVV	182064	269733	7.69%	0.730%
81	23.215	3449	3456	3465	rVB	1398589	2418245	68.98%	6.547%
82	23.750	3543	3547	3556	rVB	153325	275757	7.87%	0.747%

Sum of corrected areas: 36939337

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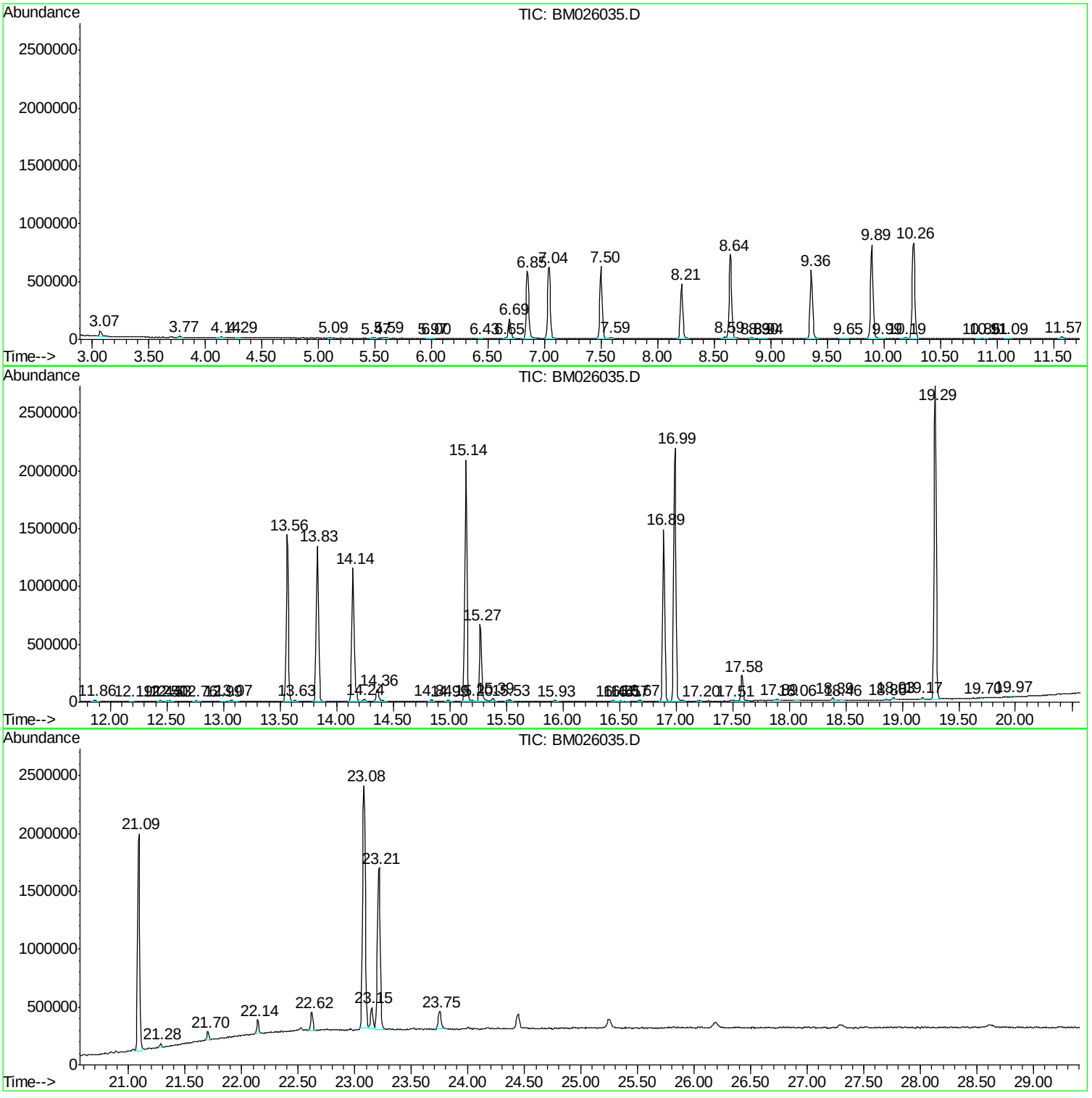
Instrument : BNA_M
ClientSampleId : C0AE1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.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 M\DATA\BM052020\
Data File : BM026035.D
Acq On : 20 May 2020 12:46
Operator : MA/SJ
Sample : L2653-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

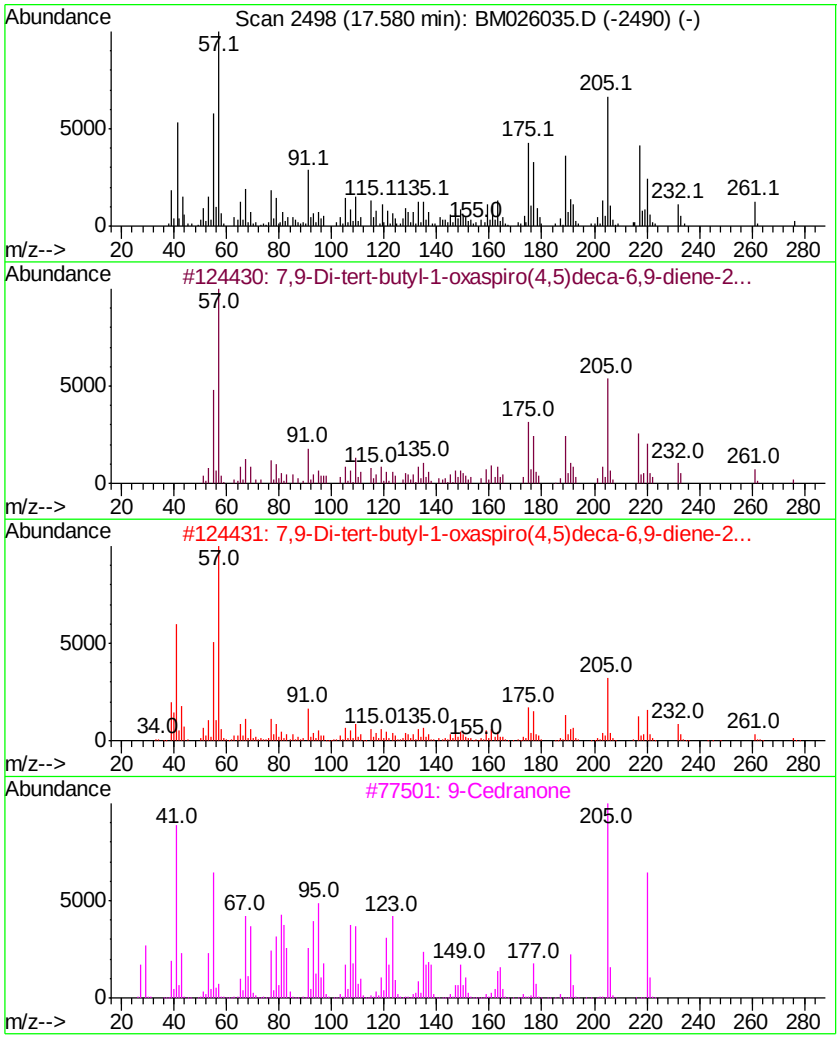
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

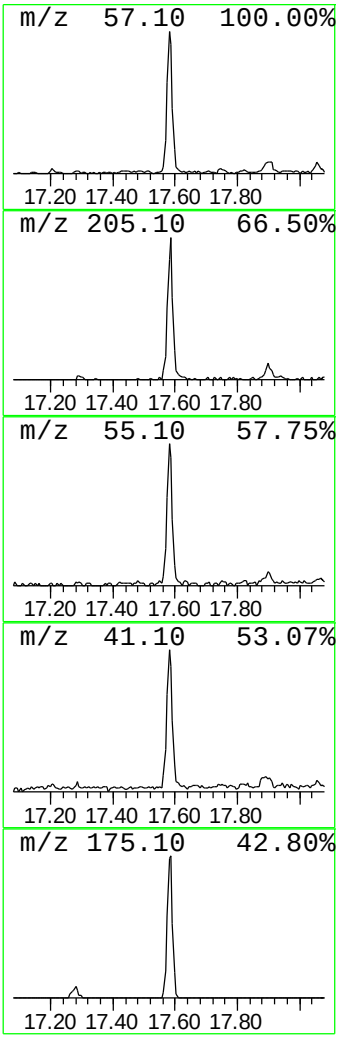
****

Peak Number 1 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	2.93 ng/ul	291839	Phenanthrene-d10	16.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	95
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	86
3	9-Cedranone	220	C15H24O	1000156-23-2	38
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	38
5	3-Acetylphenanthrene	220	C16H12O	002039-76-1	35





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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

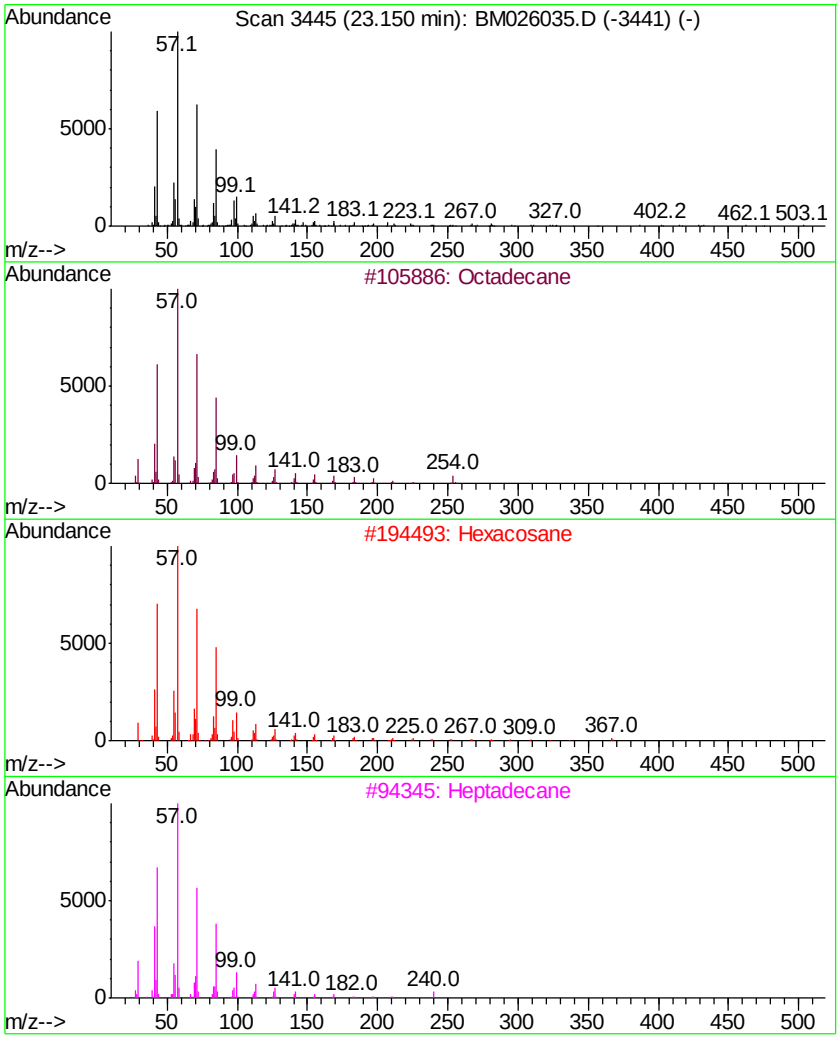
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

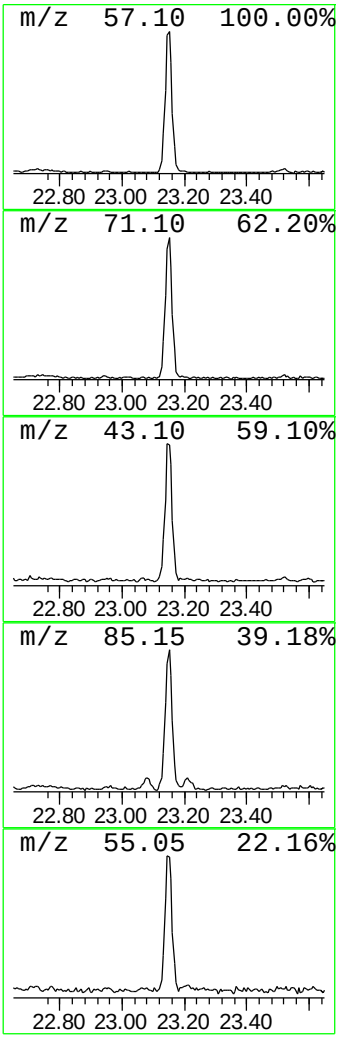
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.15	2.23 ng/ul	269733	Perylene-d12	23.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Hexacosane	366	C26H54	000630-01-3	93
3	Heptadecane	240	C17H36	000629-78-7	91
4	Pentadecane	212	C15H32	000629-62-9	90
5	Octacosane	394	C28H58	000630-02-4	90





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ClientSampleId : C0AE1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

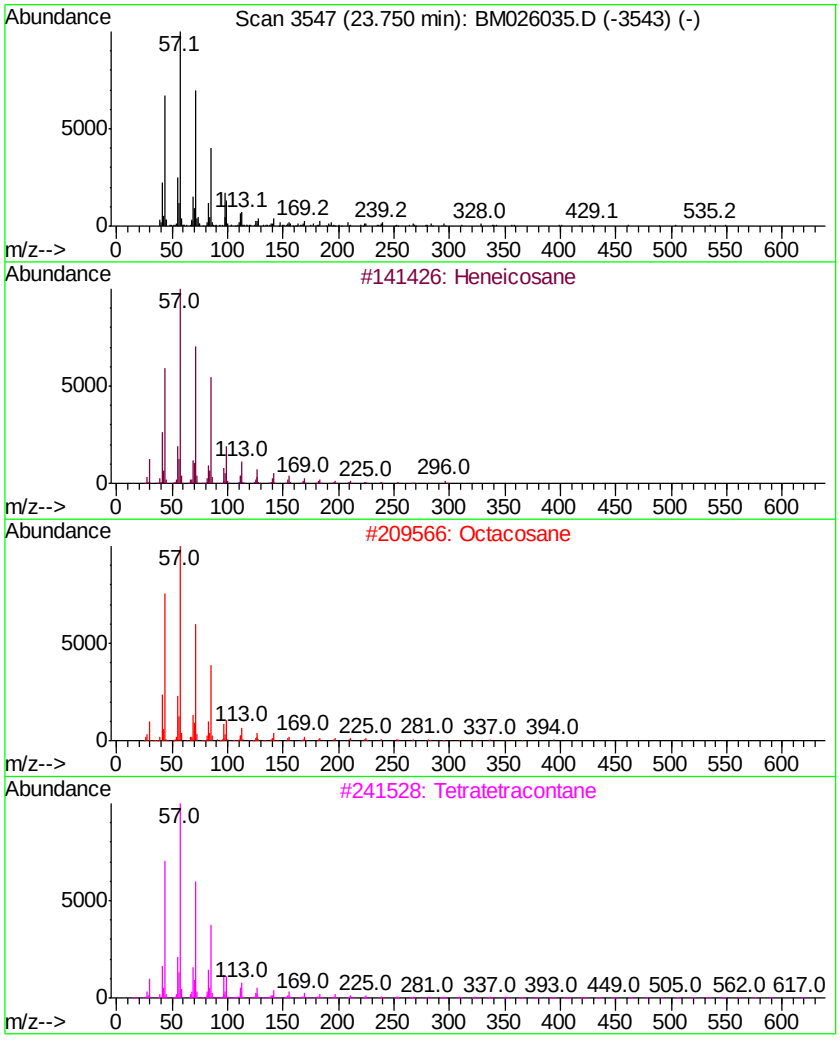
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

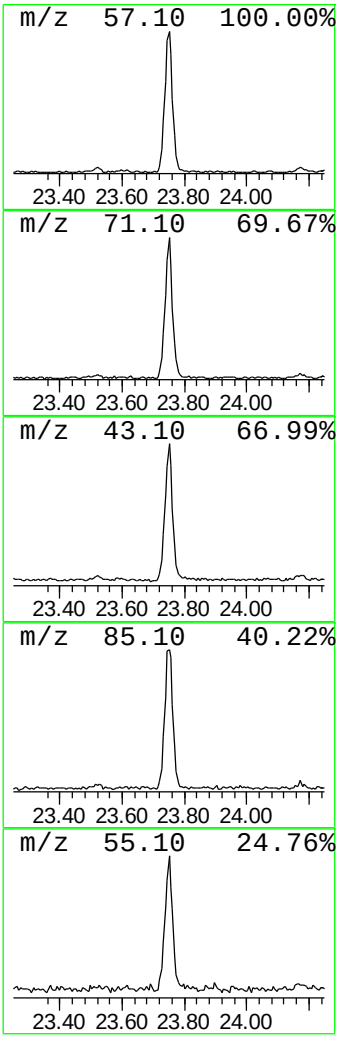
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.75	2.28 ng/ul	275757	Perylene-d12	23.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Octacosane	394	C28H58	000630-02-4	87
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Hentriacontane	437	C31H64	000630-04-6	86
5	Hexatriacontane	507	C36H74	000630-06-8	83





Tentatively Identified Compound (LSC) summary

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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
7,9-Di-tert-butyl...	17.58	2.9	ng/ul	291839	4	16.89	1988990	20.0
(DEL) Alkane: Str...	23.15	2.2	ng/ul	269733	6	23.21	2418250	20.0
(DEL) Alkane: Str...	23.75	2.3	ng/ul	275757	6	23.21	2418250	20.0