LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043141.D
Acq On : 10 Oct 2019 17:21
Operator : JU
Sample : K5175-20
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP92

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_G\METHODS\SOM-EPA-BG100919MA.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	3.158	7	12	21	rBV	220158	431197	36.39%	3.661%
2	3.234	21	25	39	rVB	446467	707317	59.70%	6.005%
3	3.763	113	115	116	rBV2	2155	1535	0.13%	0.013%
4	4.145	179	180	183	rVB3	4802	4273	0.36%	0.036%
5	4.580	251	254	258	rBV3	1451	2428	0.20%	0.021%
6	5.156	348	352	354	rBV3	1595	1497	0.13%	0.013%
7	5.285	370	374	377	rBV3	1258	1895	0.16%	0.016%
8	5.426	394	398	401	rBV3	1101	1598	0.13%	0.014%
9	5.514	411	413	417	rBV3	1617	2095	0.18%	0.018%
10	5.684	440	442	445	rBV3	1379	1696	0.14%	0.014%
11	6.107	510	514	517	rBV	1136	1514	0.13%	0.013%
12	6.454	570	573	575	rBV2	1181	1515	0.13%	0.013%
13	6.536	581	587	590	rBV3	1468	2658	0.22%	0.023%
14	6.577	592	594	599	rVV2	1806	2198	0.19%	0.019%
15	6.648	603	606	609	rVB2	1175	1509	0.13%	0.013%
16	7.230	697	705	724	rBV2	46018	143944	12.15%	1.222%
17	7.382	724	731	743	rBV	39941	85768	7.24%	0.728%
18	7.512	750	753	755	rVB2	2304	2445	0.21%	0.021%
19	7.541	755	758	760	rBV	1895	2186	0.18%	0.019%
20	7.594	760	767	781	rBV2	56777	129650	10.94%	1.101%
21	7.841	806	809	811	rBV2	1545	1905	0.16%	0.016%
22	7.946	824	827	830	rBV	1448	1710	0.14%	0.015%
23	8.052	838	845	857	rBV	125074	255122	21.53%	2.166%
24	8.769	960	967	981	rBV2	49434	137997	11.65%	1.172%
25	9.045	1010	1014	1016	rBV2	1993	2661	0.22%	0.023%
26	9.110	1021	1025	1028	rVB	1524	2075	0.18%	0.018%
27	9.216	1036	1043	1052	rBV	55781	126558	10.68%	1.074%
28	9.644	1110	1116	1120	rBV3	4460	7473	0.63%	0.063%
29	9.709	1124	1127	1130	rBV2	1540	1768	0.15%	0.015%
30	9.944	1158	1167	1178	rBV3	46528	102468	8.65%	0.870%
31	10.491	1250	1260	1268	rBV3	51669	133388	11.26%	1.132%
32	10.755	1300	1305	1308	rBV3	1841	2845	0.24%	0.024%
33	10.855	1314	1322	1332	rBV	182002	371493	31.35%	3.154%
34	11.008	1340	1348	1358	rBV2	37027	107747	9.09%	0.915%

LSC Area Percent Report

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Acq On : 10 Oct 2019 17:21
Operator : JU
Sample : K5175-20
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP92

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_G\METHODS\SOM-EPA-BG100919MA.M
Title : SVOA CALIBRATION

35	11.107	1364	1365	1368	rVB3	3419	2815	0.24%	0.024%
36	11.201	1375	1381	1382	rVB2	1367	2053	0.17%	0.017%
37	11.313	1397	1400	1405	rVV2	942	1730	0.15%	0.015%
38	11.348	1405	1406	1410	rVB	1549	1770	0.15%	0.015%
39	11.472	1424	1427	1429	rBV	1755	1853	0.16%	0.016%
40	13.446	1760	1763	1767	rBV	1090	1681	0.14%	0.014%
41	13.505	1770	1773	1777	rVB	1243	1614	0.14%	0.014%
42	13.922	1840	1844	1845	rBV2	1240	1576	0.13%	0.013%
43	14.075	1864	1870	1875	rBV	200088	310766	26.23%	2.638%
44	14.127	1875	1879	1888	rVB	64750	107699	9.09%	0.914%
45	14.368	1914	1920	1933	rBV	198263	360317	30.41%	3.059%
46	14.568	1952	1954	1959	rVB2	1502	1973	0.17%	0.017%
47	14.674	1965	1972	1980	rBV2	354174	603008	50.90%	5.120%
48	14.827	1993	1998	2001	rBV2	4551	7981	0.67%	0.068%
49	14.921	2006	2014	2035	rBV	584177	1184800	100.00%	10.059%
50	15.344	2084	2086	2089	rVB3	1818	1902	0.16%	0.016%
51	15.379	2089	2092	2093	rBV	1292	1564	0.13%	0.013%
52	15.520	2112	2116	2123	rVB4	2775	4965	0.42%	0.042%
53	15.667	2129	2141	2154	rBV	271967	499619	42.17%	4.242%
54	15.778	2155	2160	2171	rVB3	48116	94698	7.99%	0.804%
55	15.908	2178	2182	2189	rVB4	4676	9411	0.79%	0.080%
56	16.343	2255	2256	2260	rVB2	1735	1555	0.13%	0.013%
57	16.536	2287	2289	2294	rVB2	1514	2433	0.21%	0.021%
58	16.777	2327	2330	2333	rVB	1272	1566	0.13%	0.013%
59	17.335	2422	2425	2429	rVB4	1716	2234	0.19%	0.019%
60	17.418	2433	2439	2450	rBV2	486344	802389	67.72%	6.812%
61	17.518	2450	2456	2467	rVB	308860	529837	44.72%	4.498%
62	17.806	2501	2505	2506	rBV3	4884	5797	0.49%	0.049%
63	18.017	2540	2541	2543	rBV2	1960	1662	0.14%	0.014%
64	18.088	2549	2553	2554	rBV3	1754	1591	0.13%	0.014%
65	18.164	2563	2566	2570	rBV	2382	3046	0.26%	0.026%
66	18.317	2586	2592	2595	rBV6	10175	20612	1.74%	0.175%
67	18.346	2595	2597	2601	rVB3	5190	6592	0.56%	0.056%
68	18.446	2612	2614	2617	rVB2	1640	2087	0.18%	0.018%
69	18.487	2617	2621	2622	rBV3	2154	2759	0.23%	0.023%
70	18.640	2646	2647	2651	rBV3	1749	2051	0.17%	0.017%
71	18.675	2651	2653	2655	rVB2	2849	2535	0.21%	0.022%

LSC Area Percent Report

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Sample : K5175-20
Misc :
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Instrument : BNA_G
ClientSampleId : BEP92

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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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Title : SVOA CALIBRATION

72	18.699	2655	2657	2658	rBV2	3068	3021	0.25%	0.026%
73	18.728	2658	2662	2666	rVB2	53830	64158	5.42%	0.545%
74	18.957	2699	2701	2702	rBV	2024	1525	0.13%	0.013%
75	19.098	2723	2725	2727	rVB	2479	1664	0.14%	0.014%
76	19.139	2727	2732	2738	rBV3	2899	7287	0.62%	0.062%
77	19.221	2744	2746	2752	rVB5	3746	5548	0.47%	0.047%
78	19.269	2752	2754	2757	rBV4	1880	2023	0.17%	0.017%
79	19.357	2767	2769	2772	rBV2	3141	2717	0.23%	0.023%
80	19.386	2772	2774	2778	rVB2	2312	2693	0.23%	0.023%
81	19.474	2786	2789	2794	rVB	12225	15284	1.29%	0.130%
82	19.668	2820	2822	2823	rBV2	2338	1924	0.16%	0.016%
83	19.697	2823	2827	2828	rVV3	3688	4927	0.42%	0.042%
84	19.803	2838	2845	2856	rBV	457808	750216	63.32%	6.369%
85	20.009	2879	2880	2881	rBV	2992	1510	0.13%	0.013%
86	20.332	2932	2935	2939	rVB4	8336	9858	0.83%	0.084%
87	20.538	2968	2970	2972	rBV2	3483	3774	0.32%	0.032%
88	20.826	3016	3019	3022	rVB2	12331	14106	1.19%	0.120%
89	21.331	3100	3105	3115	rBV2	53506	121510	10.26%	1.032%
90	21.689	3159	3166	3180	rBV2	525792	953176	80.45%	8.092%
91	21.883	3195	3199	3206	rVB2	32345	51810	4.37%	0.440%
92	22.059	3227	3229	3232	rBV3	5774	6265	0.53%	0.053%
93	22.488	3298	3302	3307	rVB3	41745	61018	5.15%	0.518%
94	23.182	3415	3420	3428	rVB	60411	105386	8.89%	0.895%
95	23.375	3447	3453	3459	rVB	88676	172065	14.52%	1.461%
96	23.986	3550	3557	3565	rVB3	62393	133520	11.27%	1.134%
97	24.680	3667	3675	3688	rVB	236360	664150	56.06%	5.639%
98	24.909	3704	3714	3727	rVB3	346708	1103051	93.10%	9.365%
99	26.061	3902	3910	3919	rBV3	48723	135647	11.45%	1.152%
100	29.163	4437	4438	4439	rBV	5612	2047	0.17%	0.017%

Sum of corrected areas: 11778549

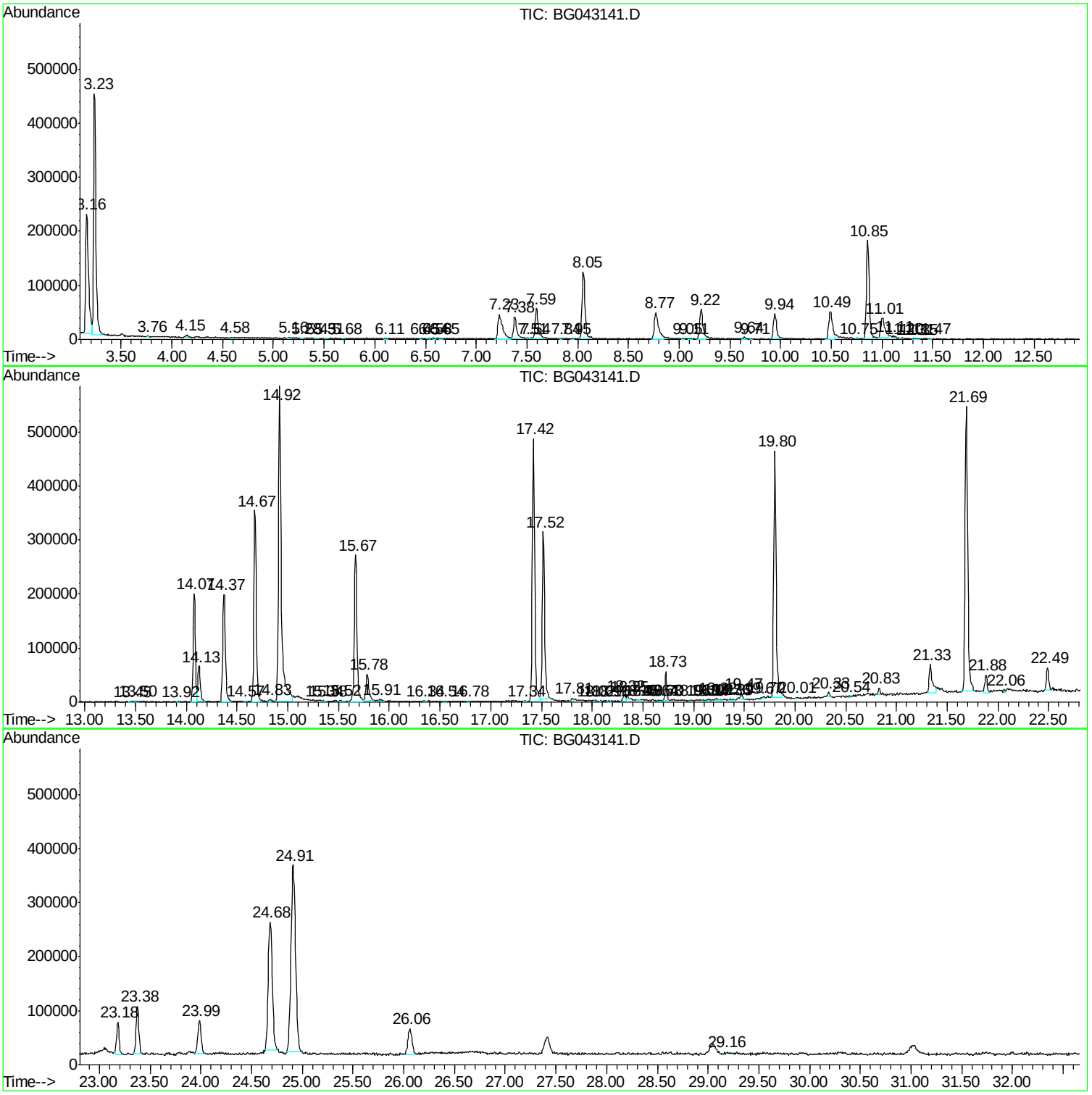
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043141.D
Acq On : 10 Oct 2019 17:21
Operator : JU
Sample : K5175-20
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043141.D
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Quant Title : SVOA CALIBRATION

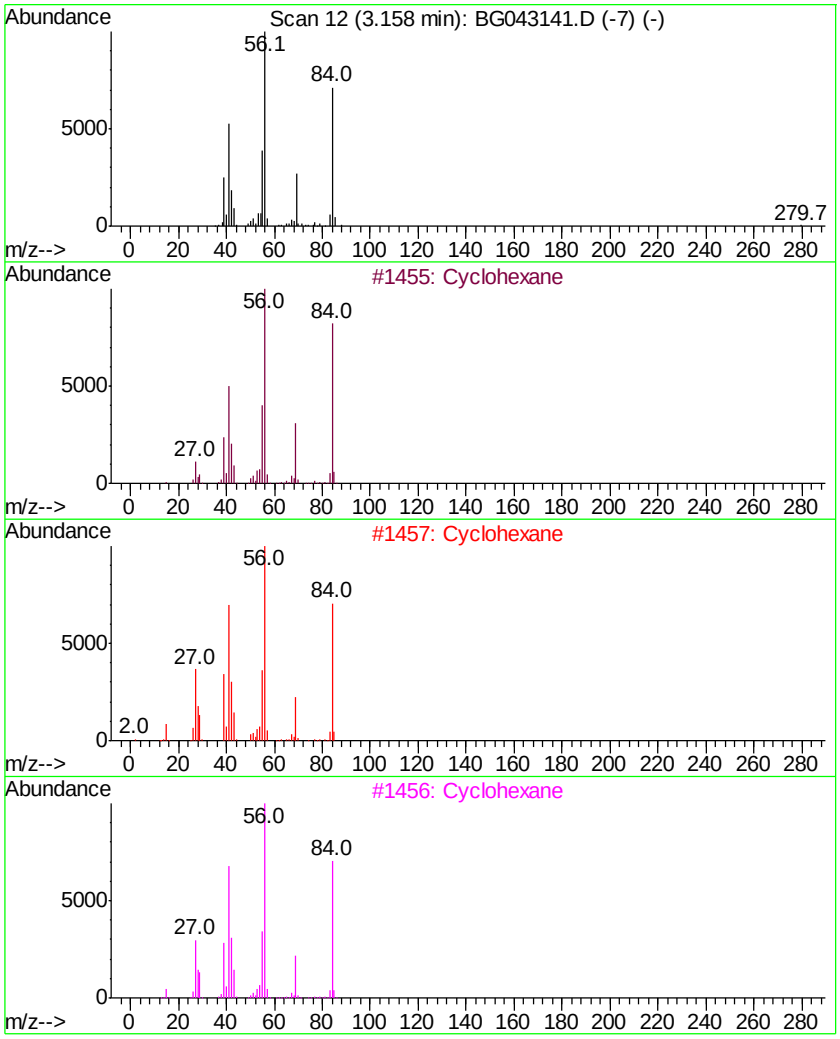
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

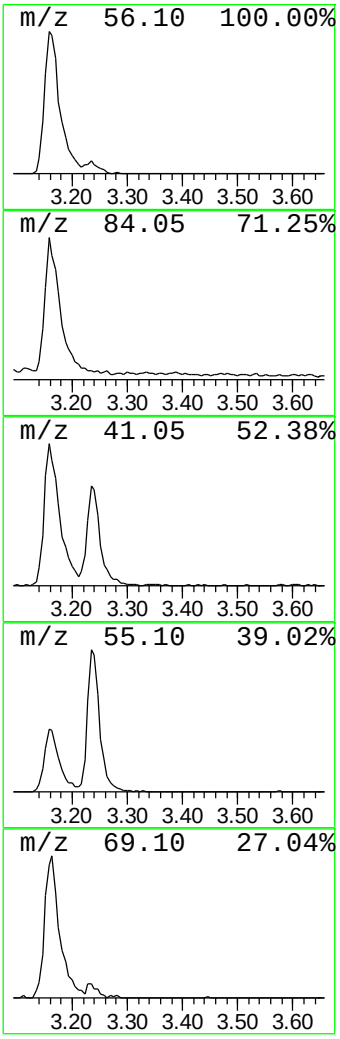
****

Peak Number 1 (DEL) Alkane: Cyclic3.16 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	33.80 ng/ul	431197	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	95
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	91
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86
5	Cyclohexane	84	C6H12	000110-82-7	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043141.D
Acq On : 10 Oct 2019 17:21
Operator : JU
Sample : K5175-20
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP92

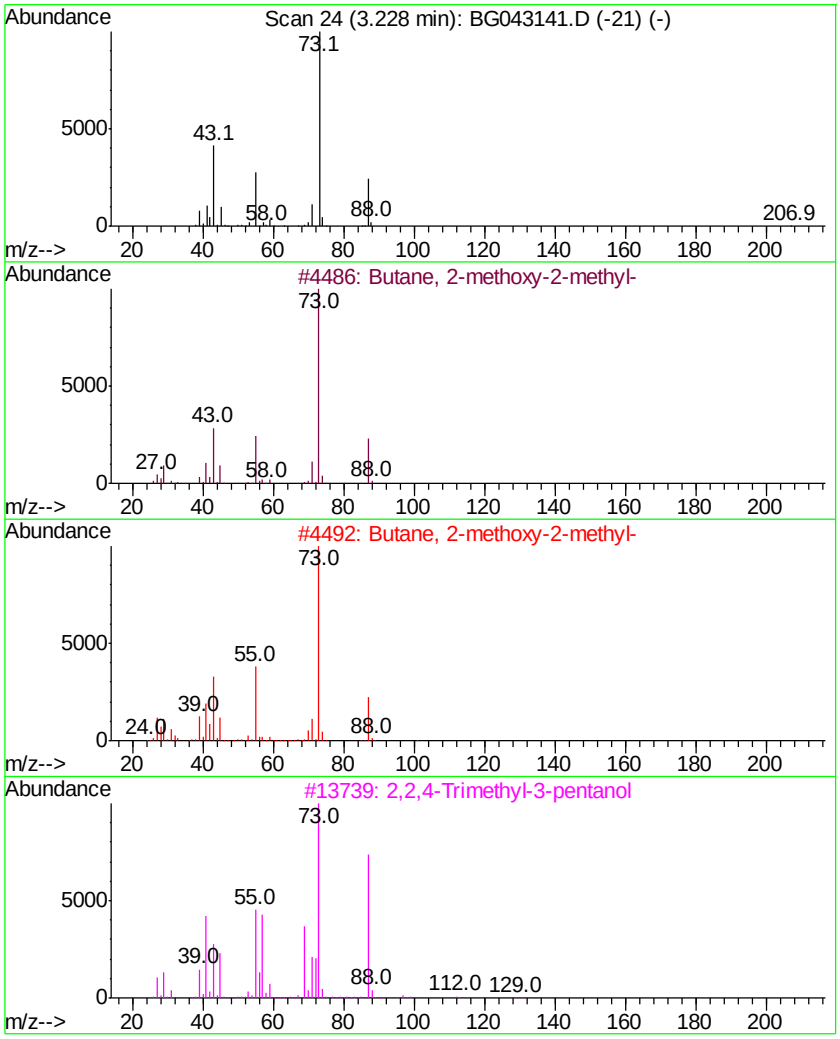
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

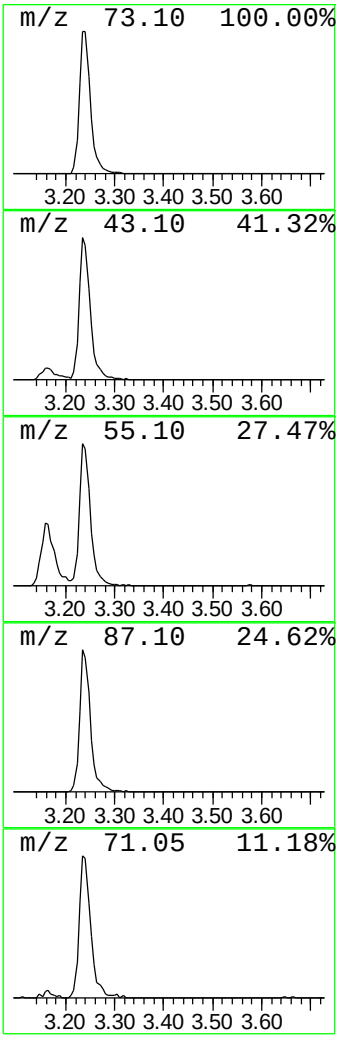
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	55.45 ng/ul	707317	1,4-Dichlorobenzene-d4	8.05

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	56
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Data File : BG043141.D
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Instrument : BNA_G
ClientSampleId : BEP92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

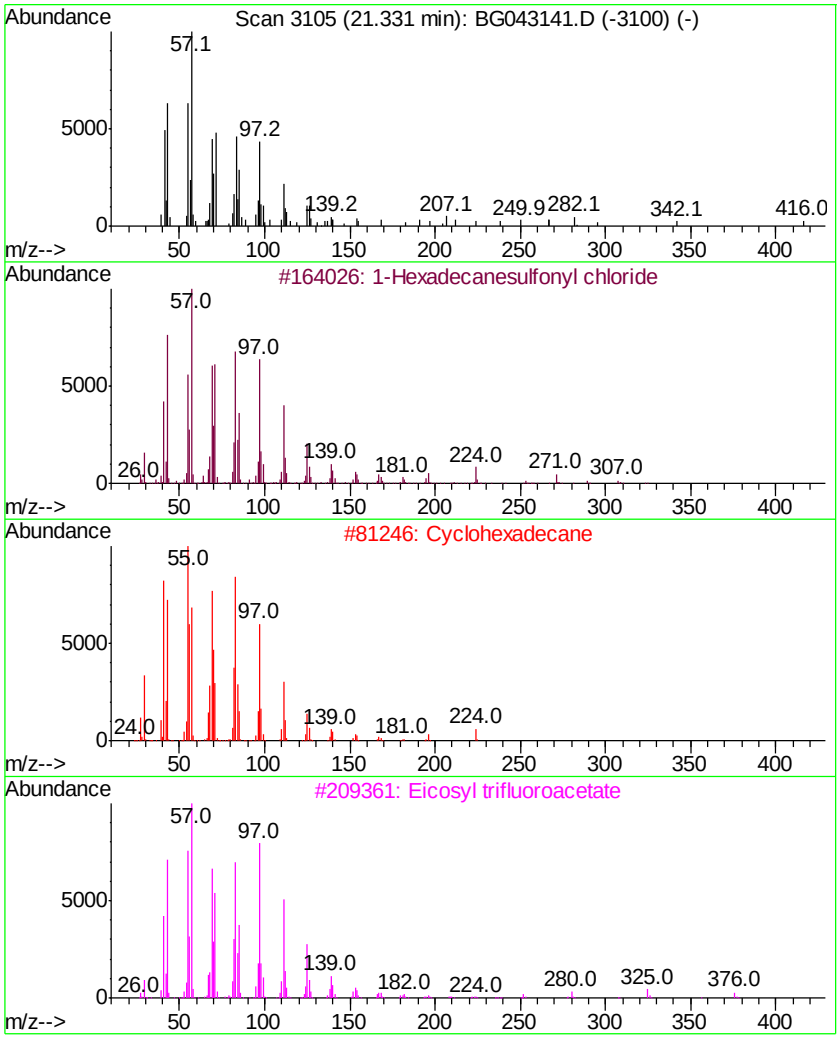
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

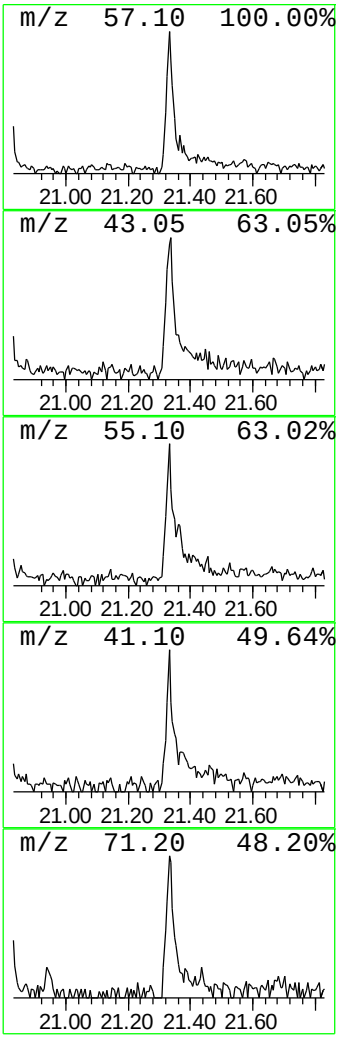
****

Peak Number 3 1-Hexadecanesulfonyl chloride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	2.55 ng/ul	121510	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	90
2	Cyclohexadecane	224	C16H32	000295-65-8	89
3	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	87
4	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	87
5	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	87





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Quant Title : SVOA CALIBRATION

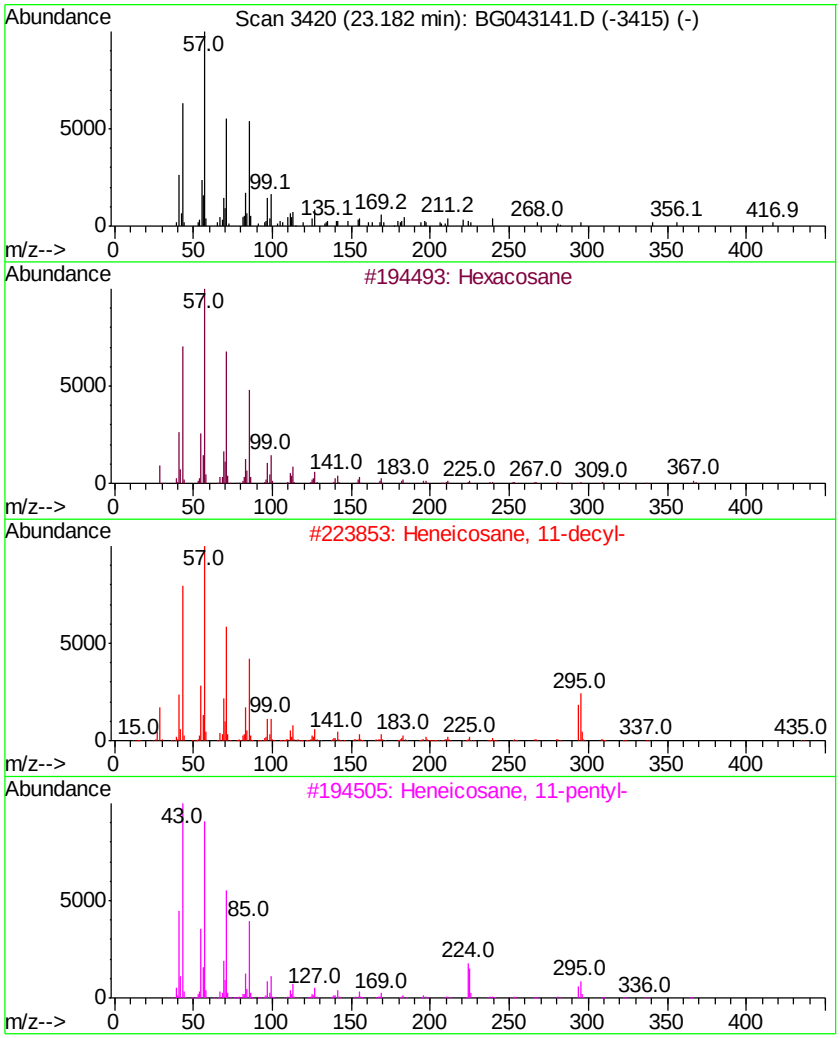
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

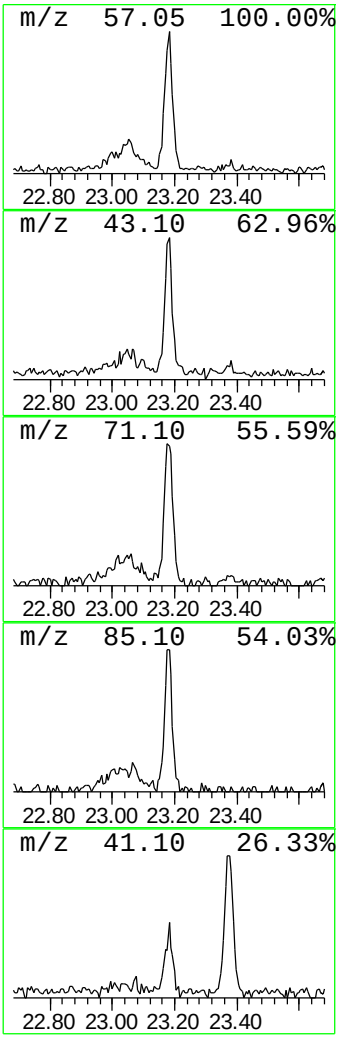
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	2.21 ng/ul	105386	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	86
4	Heneicosane	296	C21H44	000629-94-7	83
5	Docosane	310	C22H46	000629-97-0	80





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Sample : K5175-20
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

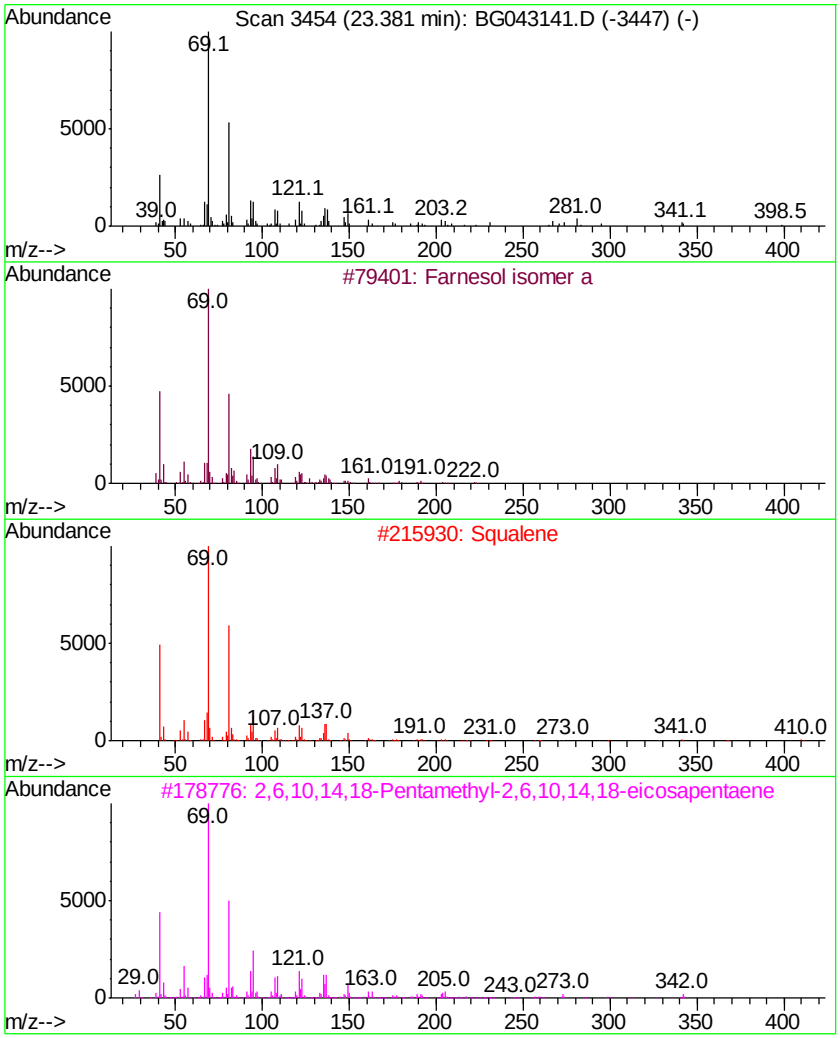
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

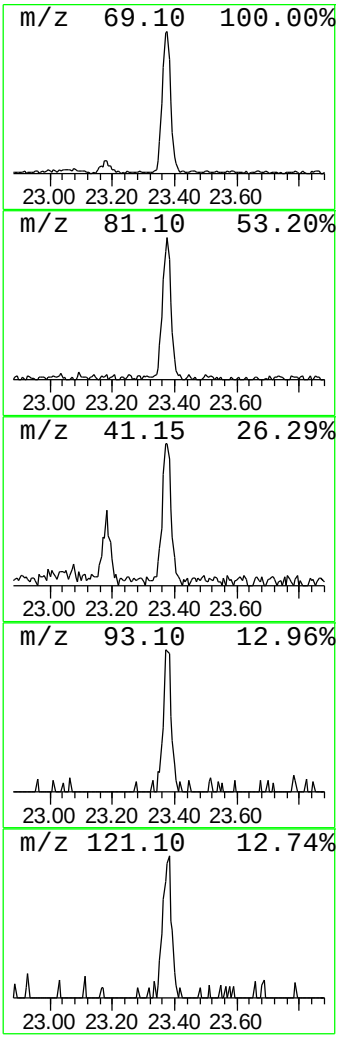
****

Peak Number 5 Farnesol isomer a Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.38	3.12 ng/ul	172065	Perylene-d12	24.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Farnesol isomer a	222	C15H26O	1000108-92-4	87
2	Squalene	410	C30H50	000111-02-4	87
3	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	86
4	Supraene	410	C30H50	007683-64-9	83
5	Squalene	410	C30H50	000111-02-4	80





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Data File : BG043141.D
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Instrument : BNA_G
ClientSampleId : BEP92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

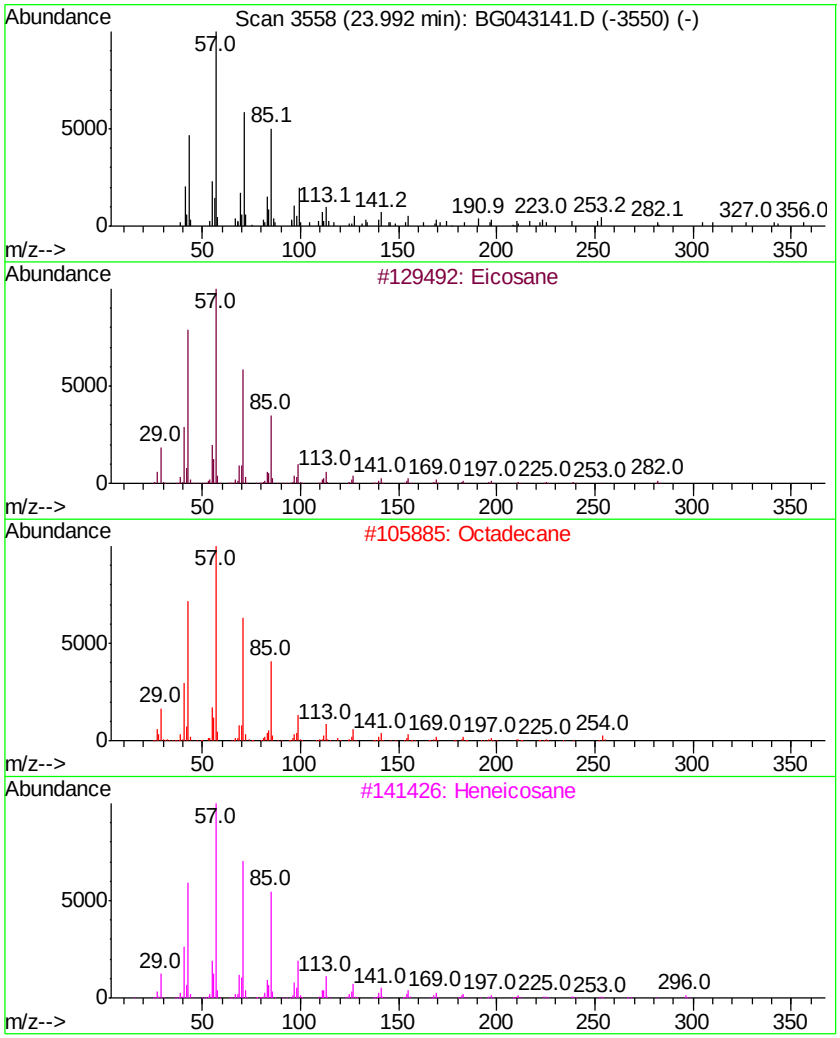
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

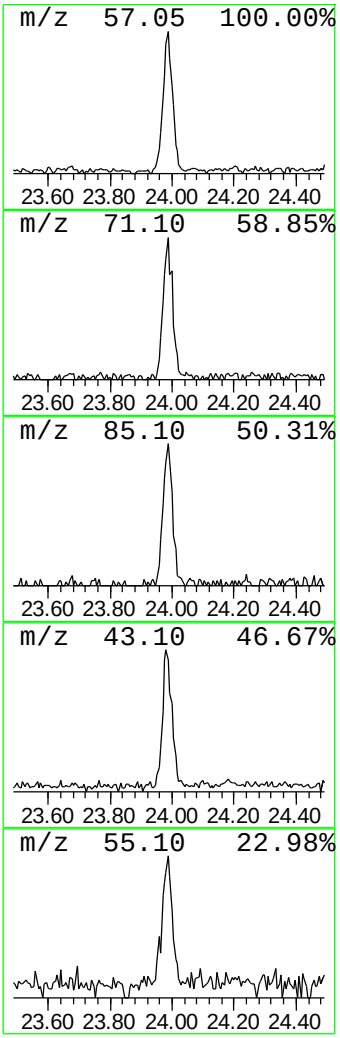
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	2.42 ng/ul	133520	Perylene-d12	24.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Octadecane	254	C18H38	000593-45-3	92
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hentriacontane	437	C31H64	000630-04-6	87
5	Tetratetracontane	619	C44H90	007098-22-8	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043141.D
Acq On : 10 Oct 2019 17:21
Operator : JU
Sample : K5175-20
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

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

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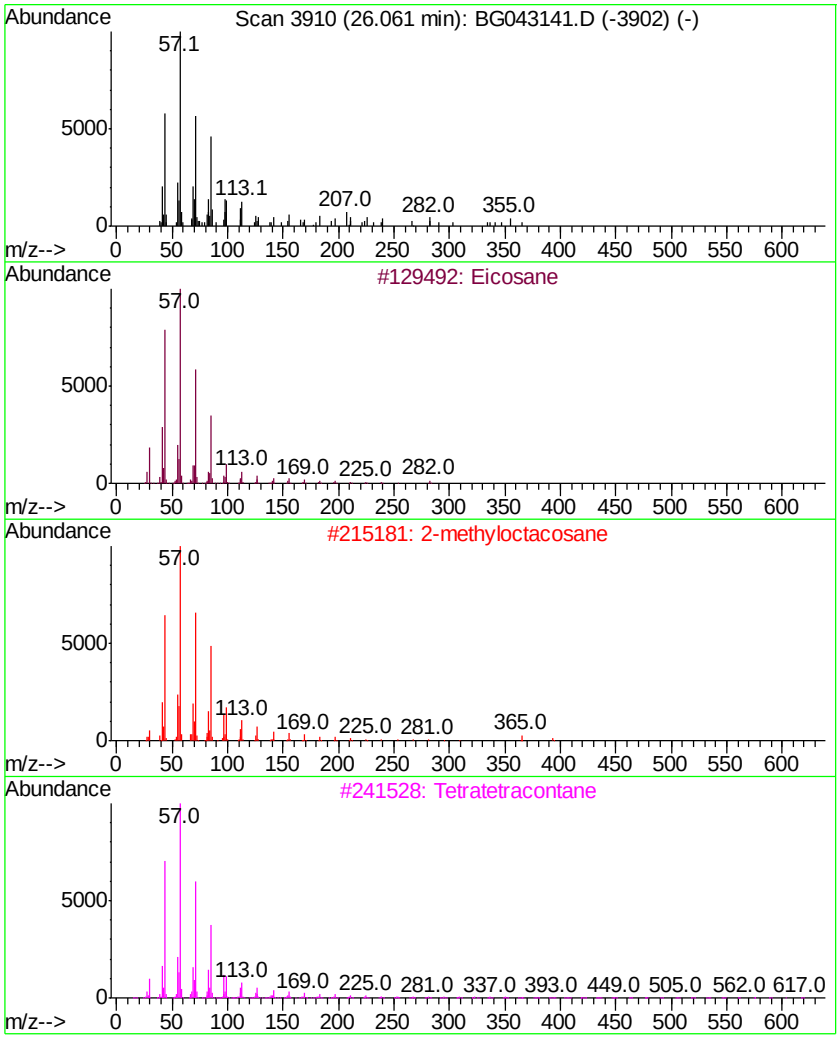
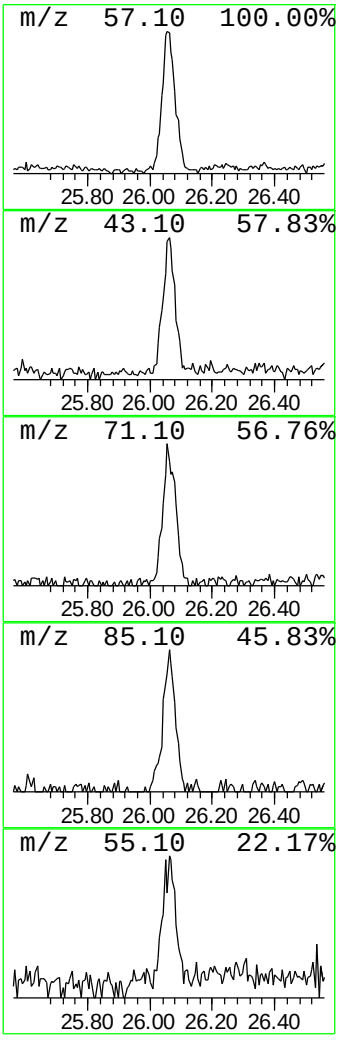
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.06	2.46 ng/ul	135647	Perylene-d12	24.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	2-methyloctacosane	408	C29H60	1000376-72-8	87
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Hexatriacontane	507	C36H74	000630-06-8	86
5	2-methylhexacosane	380	C27H56	1000376-72-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100919\
Data File : BG043141.D
Acq On : 10 Oct 2019 17:21
Operator : JU
Sample : K5175-20
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEP92

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.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
(DEL) Alkane: Cyc...	3.16	33.8	ng/ul	431197	1	8.05	255122	20.0
Butane, 2-methoxy...	3.23	55.5	ng/ul	707317	1	8.05	255122	20.0
1-Hexadecanesulfo...	21.33	2.5	ng/ul	121510	5	21.69	953176	20.0
(DEL) Alkane: Str...	23.18	2.2	ng/ul	105386	5	21.69	953176	20.0
Farnesol isomer a	23.38	3.1	ng/ul	172065	6	24.90	1103050	20.0
(DEL) Alkane: Str...	23.99	2.4	ng/ul	133520	6	24.90	1103050	20.0
(DEL) Alkane: Str...	26.06	2.5	ng/ul	135647	6	24.90	1103050	20.0