LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021221\
Data File : BG048146.D
Acq On : 12 Feb 2021 12:49
Operator : CG/JU
Sample : M1326-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X2Z61

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\SFAM-EPA-BG012921.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	3.508	25	29	31	rBV3	10186	14481	0.68%	0.031%
2	3.543	31	35	42	rVB	35070	52881	2.48%	0.112%
3	3.919	96	99	113	rBV	105693	188960	8.88%	0.400%
4	4.583	206	212	221	rVB	27780	47388	2.23%	0.100%
5	5.188	310	315	322	rBV	99877	151984	7.14%	0.321%
6	7.239	656	664	667	rBV3	352263	701998	32.99%	1.484%
7	7.274	667	670	679	rVB	364183	579243	27.22%	1.225%
8	7.421	688	695	704	rBV	148694	244774	11.50%	0.518%
9	7.515	704	711	718	rVB	187044	282114	13.26%	0.596%
10	7.632	723	731	737	rBV	198267	344694	16.20%	0.729%
11	8.102	804	811	818	rVB	177329	292956	13.77%	0.619%
12	8.796	921	929	936	rBV2	248704	427291	20.08%	0.903%
13	9.195	989	997	1003	rBV	329644	562850	26.45%	1.190%
14	9.266	1003	1009	1012	rVV	196524	346925	16.30%	0.733%
15	9.301	1012	1015	1025	rVB	123533	213980	10.06%	0.452%
16	9.683	1075	1080	1085	rBV2	8522	12290	0.58%	0.026%
17	9.988	1124	1132	1134	rVV2	177943	308231	14.48%	0.652%
18	10.018	1134	1137	1149	rVB	208803	376501	17.69%	0.796%
19	10.529	1217	1224	1236	rVB	250632	469771	22.08%	0.993%
20	10.917	1279	1290	1294	rBV	234935	441338	20.74%	0.933%
21	10.964	1294	1298	1305	rVV	439197	734852	34.53%	1.554%
22	11.040	1305	1311	1324	rVB	235526	432373	20.32%	0.914%
23	12.421	1543	1546	1550	rVV3	6041	9223	0.43%	0.019%
24	12.491	1554	1558	1563	rVV4	4986	8363	0.39%	0.018%
25	12.562	1563	1570	1577	rVV	775760	1263428	59.37%	2.671%
26	12.779	1600	1607	1614	rVV	408882	652348	30.66%	1.379%
27	12.926	1624	1632	1639	rVB	275270	419765	19.73%	0.887%
28	13.091	1655	1660	1663	rBV4	4870	8422	0.40%	0.018%
29	13.226	1675	1683	1698	rBV	590728	1014606	47.68%	2.145%
30	13.326	1698	1700	1706	rVB5	7725	12788	0.60%	0.027%
31	13.561	1732	1740	1744	rBV	672697	1059373	49.78%	2.240%
32	13.608	1744	1748	1757	rVB2	659981	1074665	50.50%	2.272%
33	14.125	1829	1836	1841	rBV	547511	789351	37.09%	1.669%
34	14.172	1841	1844	1851	rVB	46066	64103	3.01%	0.136%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : X2Z61

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\SFAM-EPA-BG012921.M
Title : SVOA CALIBRATION

35	14.360	1872	1876	1880	rBV4	8988	15831	0.74%	0.033%
36	14.424	1880	1887	1889	rVV	551870	930809	43.74%	1.968%
37	14.448	1889	1891	1898	rVB	558965	766248	36.01%	1.620%
38	14.724	1929	1938	1944	rBV	394679	641236	30.13%	1.356%
39	14.789	1944	1949	1957	rVB	568801	876098	41.17%	1.852%
40	14.906	1962	1969	1978	rBV3	364945	759474	35.69%	1.606%
41	14.994	1978	1984	1991	rVV	448575	680711	31.99%	1.439%
42	15.076	1991	1998	2002	rVV	284288	428927	20.16%	0.907%
43	15.123	2002	2006	2013	rVB	286317	428320	20.13%	0.906%
44	15.358	2042	2046	2050	rVV3	7005	12033	0.57%	0.025%
45	15.529	2067	2075	2084	rVB	406083	565475	26.57%	1.196%
46	15.717	2098	2107	2112	rBV	762808	1149156	54.00%	2.430%
47	15.770	2112	2116	2121	rVV	779028	1113368	52.32%	2.354%
48	15.823	2121	2125	2139	rVV	267873	420528	19.76%	0.889%
49	15.952	2143	2147	2153	rVB5	11155	19540	0.92%	0.041%
50	16.392	2218	2222	2225	rBV3	8262	11386	0.54%	0.024%
51	16.498	2236	2240	2245	rBV5	7858	14788	0.69%	0.031%
52	16.604	2251	2258	2262	rVV4	4775	8222	0.39%	0.017%
53	16.698	2268	2274	2280	rBV5	6958	13744	0.65%	0.029%
54	16.774	2280	2287	2293	rBV	295051	449329	21.11%	0.950%
55	17.209	2357	2361	2366	rVV5	10962	19117	0.90%	0.040%
56	17.262	2366	2370	2374	rVV6	6344	10367	0.49%	0.022%
57	17.368	2386	2388	2395	rVB5	6862	10533	0.49%	0.022%
58	17.468	2398	2405	2409	rBV	557194	873765	41.06%	1.847%
59	17.509	2409	2412	2417	rVV	788470	1152922	54.18%	2.438%
60	17.568	2417	2422	2425	rVV2	883805	1397289	65.66%	2.954%
61	17.603	2425	2428	2441	rVB	1370271	1899674	89.27%	4.016%
62	17.738	2446	2451	2455	rBV2	7439	14147	0.66%	0.030%
63	17.873	2464	2474	2478	rVB10	6603	18502	0.87%	0.039%
64	17.950	2484	2487	2493	rBV7	7354	11017	0.52%	0.023%
65	18.126	2510	2517	2522	rVB7	10350	23891	1.12%	0.051%
66	18.355	2552	2556	2561	rBV6	30204	59807	2.81%	0.126%
67	18.420	2564	2567	2573	rVB	18738	27676	1.30%	0.059%
68	18.778	2624	2628	2630	rVB5	6487	8199	0.39%	0.017%
69	18.872	2638	2644	2648	rBV5	12354	24024	1.13%	0.051%
70	19.113	2681	2685	2689	rVV	49402	59247	2.78%	0.125%
71	19.201	2695	2700	2702	rBV5	13911	16826	0.79%	0.036%

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Sample : M1326-07
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Instrument : BNA_G
ClientSampleId : X2Z61

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_G\METHODS\SFAM-EPA-BG012921.M
Title : SVOA CALIBRATION

72	19.219	2702	2703	2707	rVV4	7398	8256	0.39%	0.017%
73	19.271	2707	2712	2715	rVV4	11671	17155	0.81%	0.036%
74	19.512	2744	2753	2759	rBV	1046132	1424567	66.94%	3.012%
75	19.642	2771	2775	2778	rBV6	7580	15277	0.72%	0.032%
76	19.742	2788	2792	2793	rBV3	10366	15203	0.71%	0.032%
77	19.847	2803	2810	2813	rBV	1158767	1900507	89.31%	4.018%
78	19.877	2813	2815	2823	rVB	850284	953112	44.79%	2.015%
79	20.370	2896	2899	2904	rVB7	14046	18519	0.87%	0.039%
80	20.746	2960	2963	2966	rBV5	7534	8289	0.39%	0.018%
81	20.858	2980	2982	2987	rBV5	12182	18166	0.85%	0.038%
82	21.316	3058	3060	3063	rBV2	10774	16219	0.76%	0.034%
83	21.369	3065	3069	3078	rVV5	129686	235708	11.08%	0.498%
84	21.457	3080	3084	3089	rVB	45635	71607	3.36%	0.151%
85	21.727	3122	3130	3136	rBV2	857144	2128016	100.00%	4.499%
86	21.786	3136	3140	3148	rVB	622854	976999	45.91%	2.066%
87	21.933	3160	3165	3168	rBV4	28349	41254	1.94%	0.087%
88	22.550	3265	3270	3276	rBV5	38176	70636	3.32%	0.149%
89	22.850	3315	3321	3329	rVB	476633	793586	37.29%	1.678%
90	23.255	3385	3390	3396	rVB3	46329	83690	3.93%	0.177%
91	23.449	3418	3423	3429	rVB2	50073	97224	4.57%	0.206%
92	23.966	3501	3511	3517	rBV	804079	1959735	92.09%	4.143%
93	24.036	3517	3523	3537	rVB	450146	1141124	53.62%	2.413%
94	24.783	3640	3650	3656	rBV	558349	1573393	73.94%	3.327%
95	24.847	3656	3661	3671	rVB	425433	1095796	51.49%	2.317%
96	25.006	3678	3688	3702	rVB	338524	1089010	51.17%	2.302%
97	26.199	3882	3891	3900	rVB4	65306	203695	9.57%	0.431%
98	27.574	4118	4125	4134	rVB4	53603	169400	7.96%	0.358%
99	28.719	4307	4320	4327	rBV3	244100	1069785	50.27%	2.262%
100	29.894	4502	4520	4534	rVB	325915	1565613	73.57%	3.310%

Sum of corrected areas: 47298077

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Instrument : BNA_G
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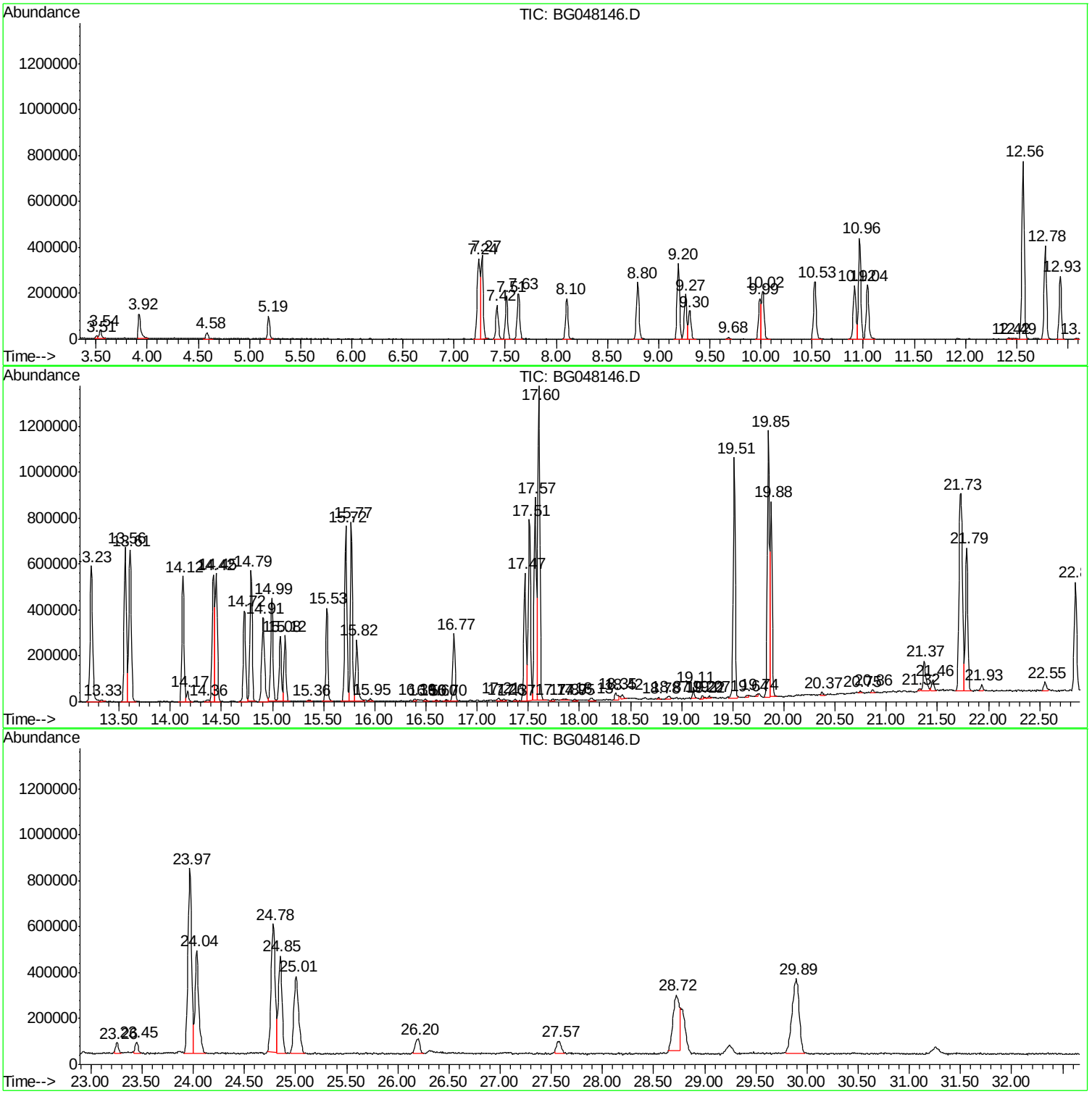
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG012921.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

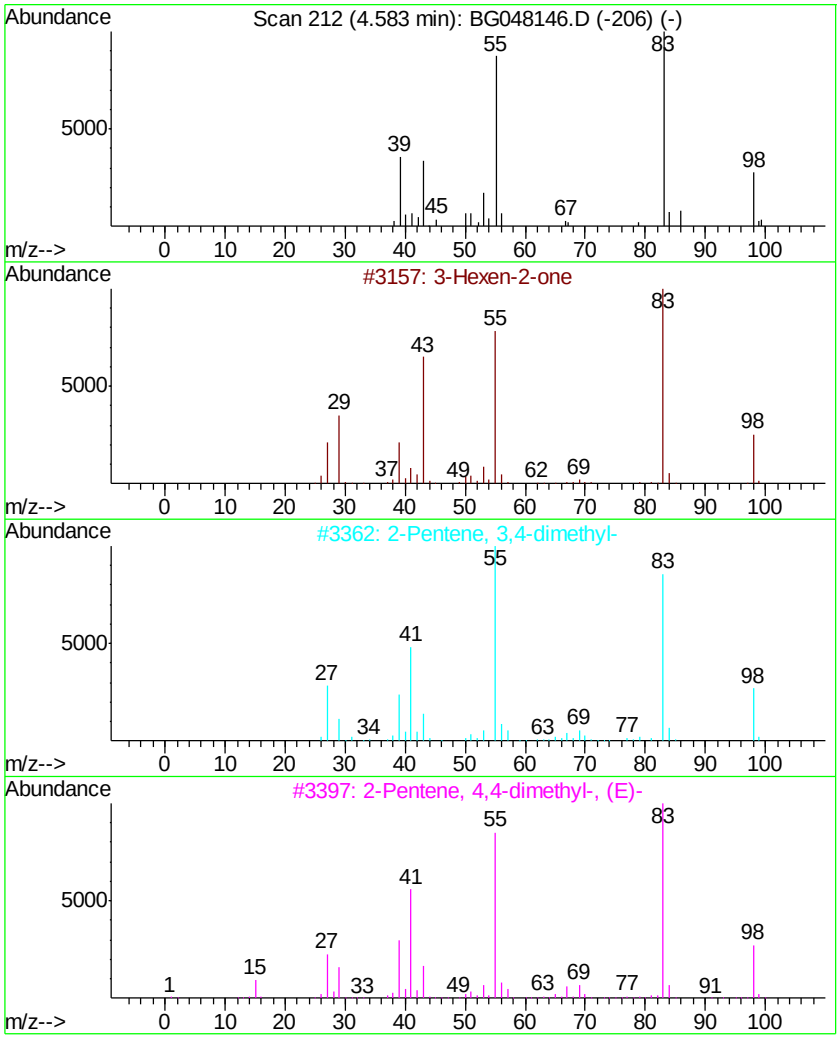
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

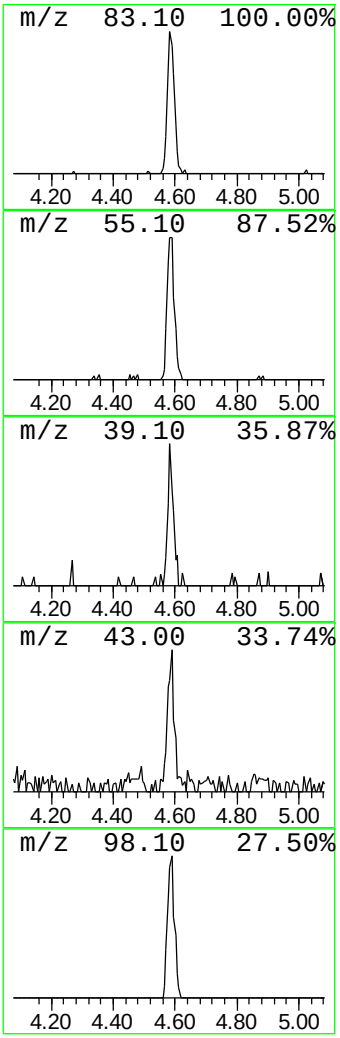
****

Peak Number 1 3-Hexen-2-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	3.24 ng/ul	47388	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one	98	C6H10O	000763-93-9	86
2	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	86
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
4	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	86
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86





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Instrument : BNA_G
ClientSampleId : X2Z61

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG012921.M
Quant Title : SVOA CALIBRATION

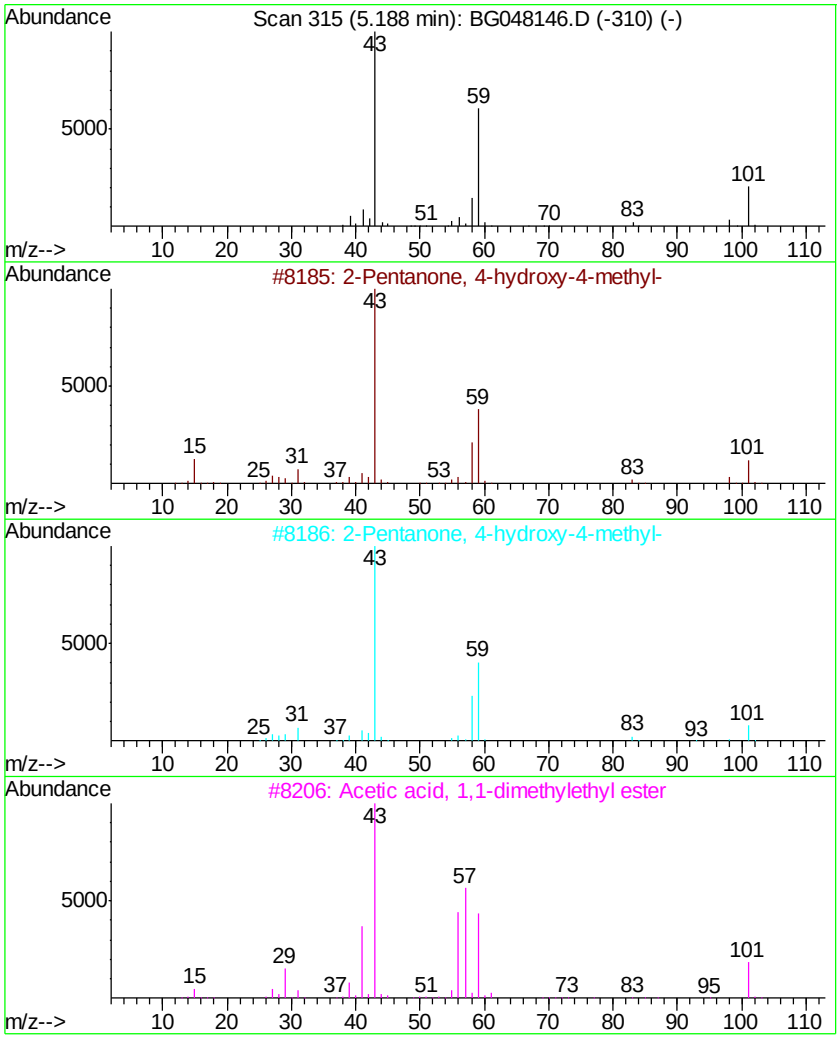
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

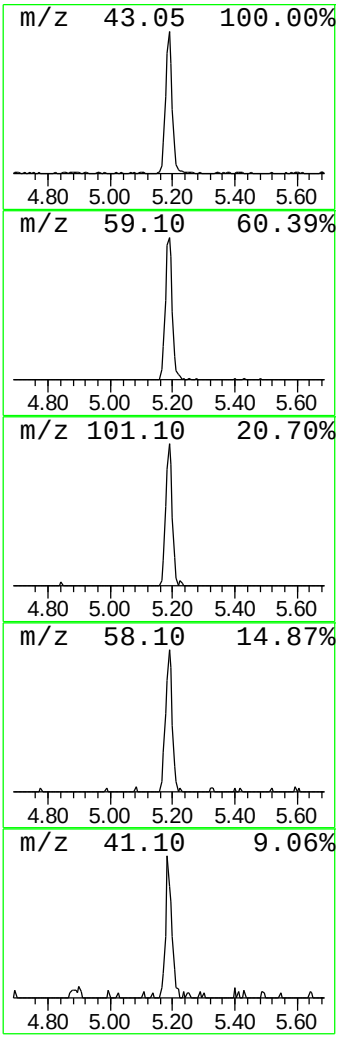
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	10.38 ng/ul	151984	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
5	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17





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ClientSampleId : X2Z61

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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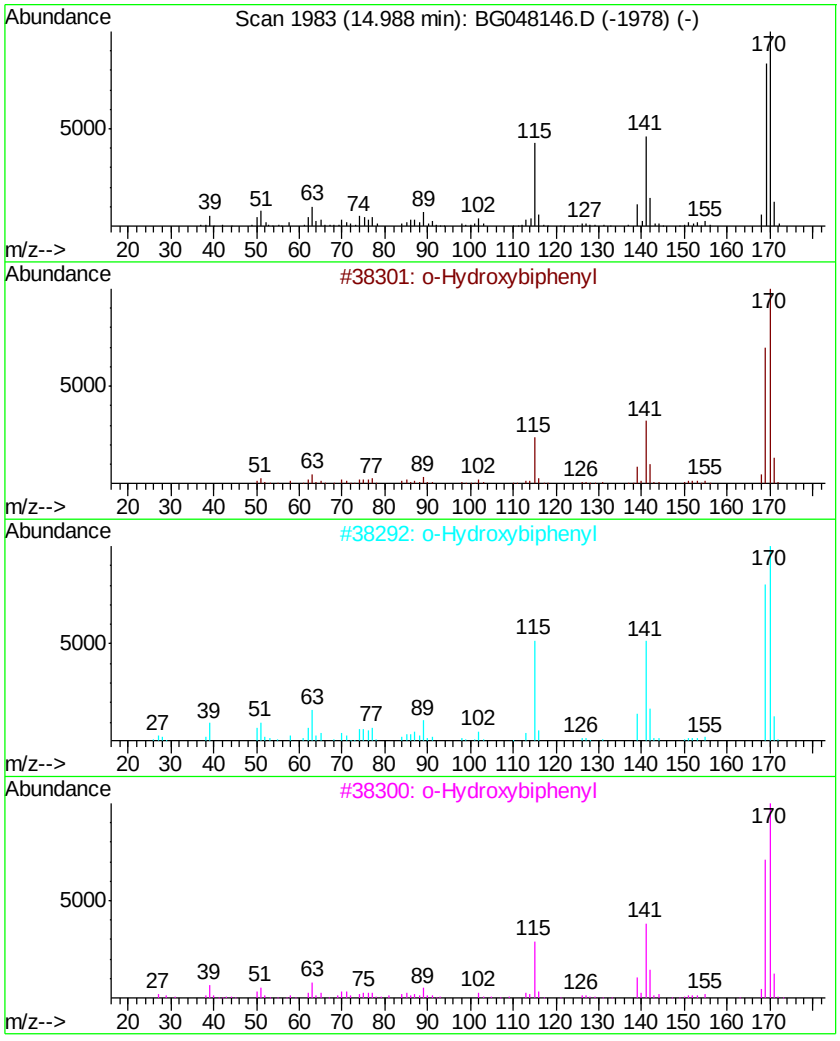
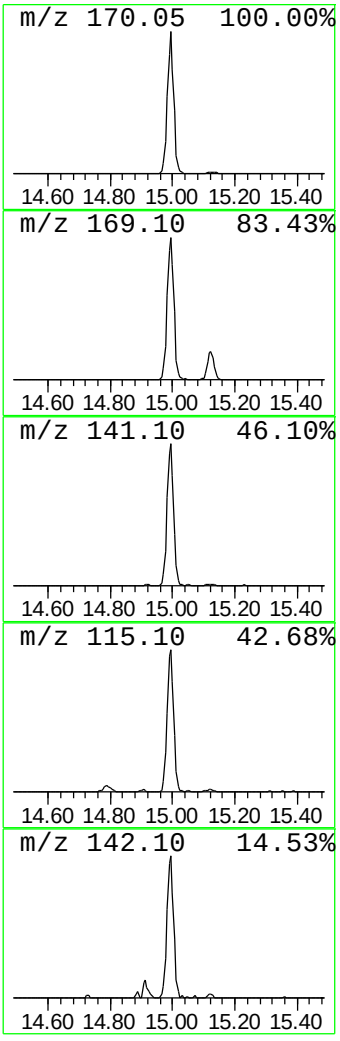
****

Peak Number 3 o-Hydroxybiphenyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	21.23 ng/ul	680711	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	97
2	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	87
5	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	72





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Instrument : BNA_G
ClientSampleId : X2Z61

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG012921.M
Quant Title : SVOA CALIBRATION

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

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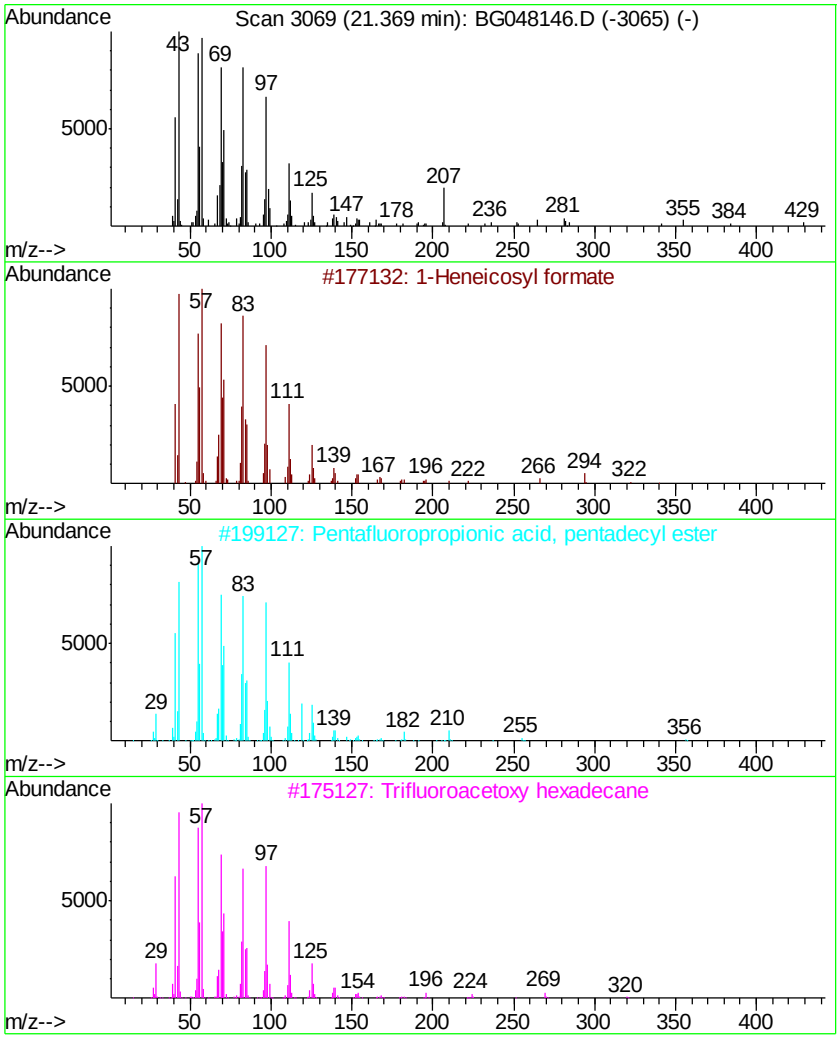
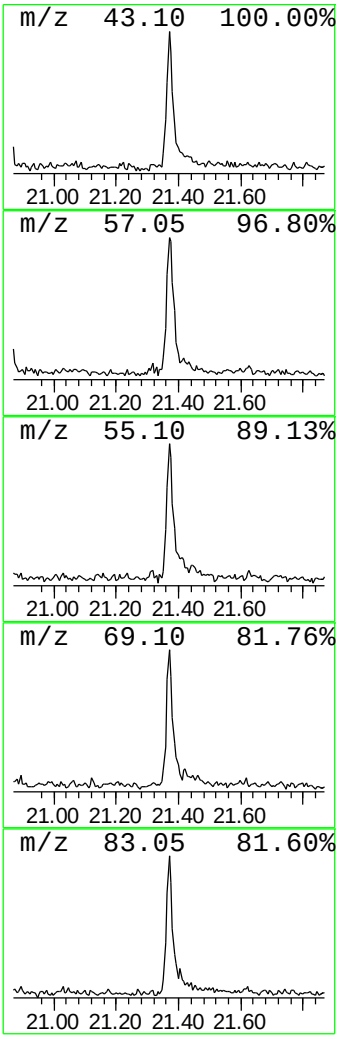
Peak Number 4 1-Heneicosyl formate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.22 ng/ul	235708	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021221\
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Operator : CG/JU
Sample : M1326-07
Misc :
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Instrument : BNA_G
ClientSampleId : X2Z61

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG012921.M
Quant Title : SVOA CALIBRATION

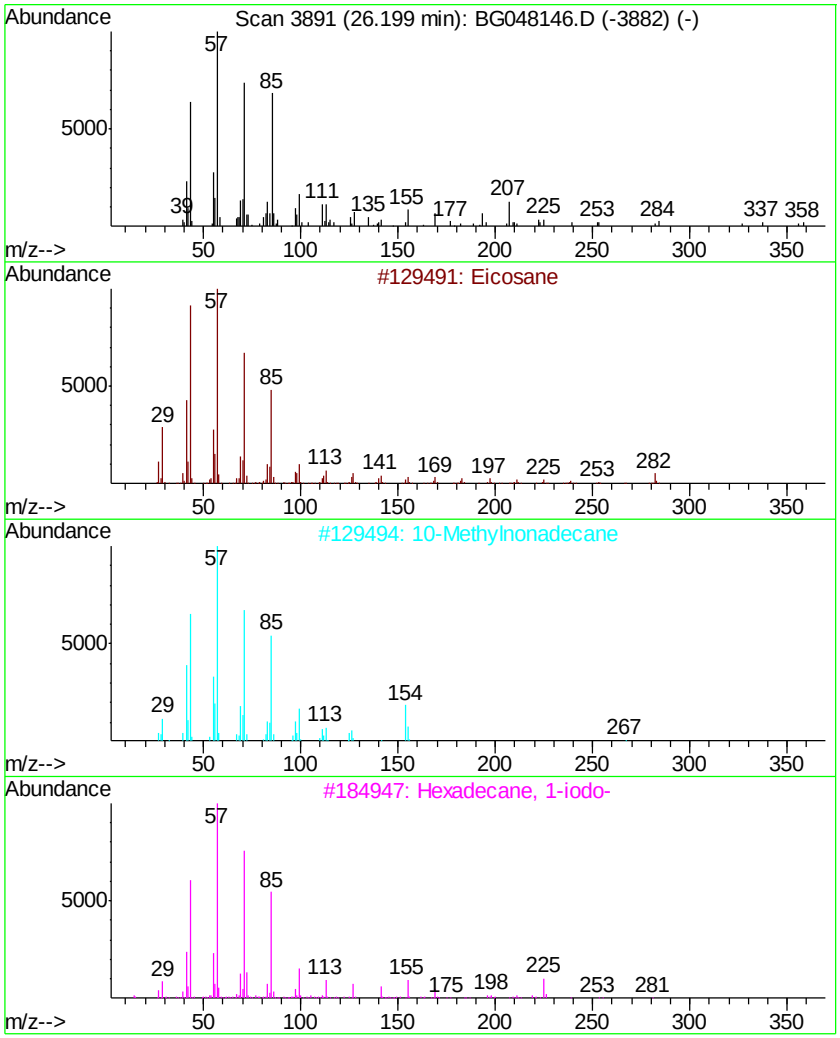
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

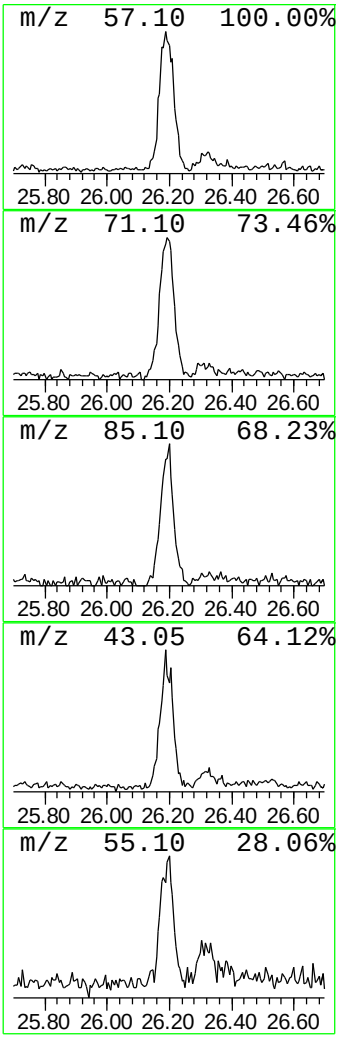
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.20	3.74 ng/ul	203695	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	10-Methylnonadecane	282	C20H42	056862-62-5	86
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80
4	Heptadecane	240	C17H36	000629-78-7	80
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	80





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Data File : BG048146.D
Acq On : 12 Feb 2021 12:49
Operator : CG/JU
Sample : M1326-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X2Z61

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG012921.M
Quant Title : SVOA CALIBRATION

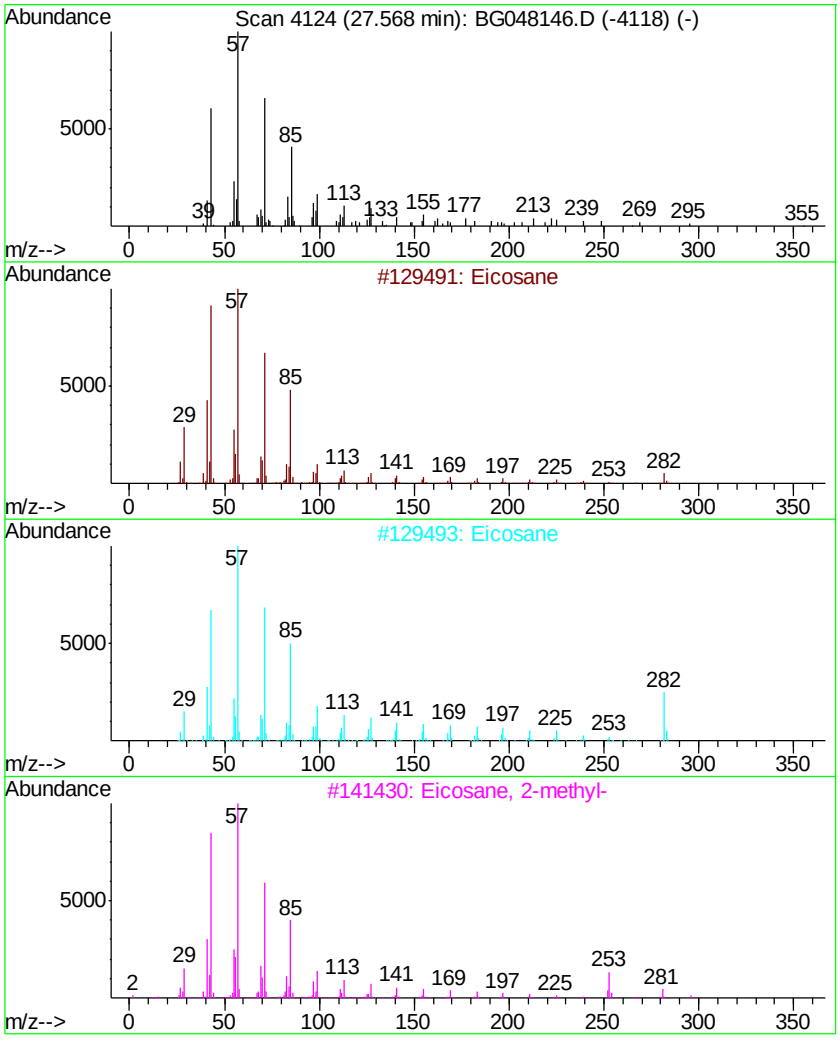
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

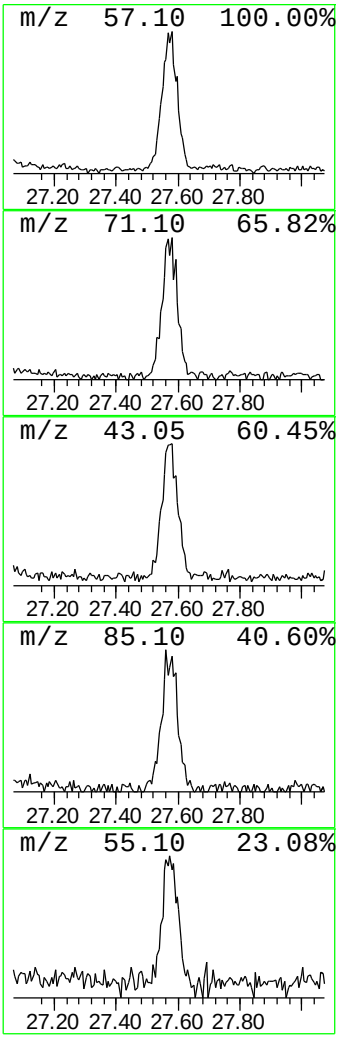
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.57	3.11 ng/ul	169400	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	76
2	Eicosane	282	C20H42	000112-95-8	74
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	72
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	64
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021221\
Data File : BG048146.D
Acq On : 12 Feb 2021 12:49
Operator : CG/JU
Sample : M1326-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X2Z61

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG012921.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
3-Hexen-2-one	4.58	3.2	ng/ul	47388	1	8.10	292956	20.0
2-Pentanone, 4-hy...	5.19	10.4	ng/ul	151984	1	8.10	292956	20.0
o-Hydroxybiphenyl	14.99	21.2	ng/ul	680711	3	14.72	641236	20.0
1-Heneicosyl formate	21.37	2.2	ng/ul	235708	5	21.74	2128020	20.0
(DEL) Alkane: Str...	26.20	3.7	ng/ul	203695	6	25.01	1089010	20.0
(DEL) Alkane: Str...	27.57	3.1	ng/ul	169400	6	25.01	1089010	20.0