LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031221\
Data File : BG048364.D
Acq On : 12 Mar 2021 10:55
Operator : CG/JU
Sample : M1496-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X3170

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-BG031121.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	3.505	25	28	32	rBV5	5714	8790	0.37%	0.024%
2	3.546	32	35	41	rVB3	17368	22580	0.96%	0.062%
3	3.934	98	101	108	rBV	83976	147764	6.28%	0.406%
4	4.268	156	158	163	rVB4	3007	3687	0.16%	0.010%
5	4.597	208	214	238	rVB	1015664	1566788	66.61%	4.300%
6	5.203	309	317	328	rBV	239705	366838	15.60%	1.007%
7	5.696	400	401	405	rBV	2681	3338	0.14%	0.009%
8	5.831	420	424	428	rBV3	5373	7549	0.32%	0.021%
9	6.301	499	504	507	rBV2	4632	6413	0.27%	0.018%
10	7.259	660	667	678	rBV	180359	312136	13.27%	0.857%
11	7.441	692	698	708	rBV	112198	193080	8.21%	0.530%
12	7.653	727	734	740	rBV2	165876	295449	12.56%	0.811%
13	7.923	779	780	786	rVB	2921	3868	0.16%	0.011%
14	8.123	808	814	822	rBV	157688	279454	11.88%	0.767%
15	8.375	856	857	864	rVB7	4226	5317	0.23%	0.015%
16	8.657	897	905	911	rBV3	71997	179104	7.61%	0.492%
17	8.710	912	914	920	rVB5	9807	11821	0.50%	0.032%
18	8.816	925	932	941	rBV	206275	352505	14.99%	0.967%
19	9.292	1004	1013	1017	rBV	152903	296883	12.62%	0.815%
20	9.333	1017	1020	1027	rVB2	118981	202401	8.60%	0.555%
21	9.445	1038	1039	1047	rVB4	3534	5319	0.23%	0.015%
22	9.515	1047	1051	1054	rBV2	1851	3179	0.14%	0.009%
23	9.709	1078	1084	1086	rBV	5102	6829	0.29%	0.019%
24	10.020	1130	1137	1139	rBV3	126849	231113	9.83%	0.634%
25	10.344	1185	1192	1200	rVB	100416	161555	6.87%	0.443%
26	10.555	1221	1228	1245	rVB4	227795	638286	27.14%	1.752%
27	10.949	1284	1295	1300	rBV	214278	391672	16.65%	1.075%
28	11.002	1300	1304	1310	rVV	120681	201462	8.56%	0.553%
29	11.072	1310	1316	1325	rVV	192041	348609	14.82%	0.957%
30	12.206	1501	1509	1516	rBV	552179	930402	39.56%	2.553%
31	12.459	1547	1552	1558	rBV2	14465	20502	0.87%	0.056%
32	12.600	1568	1576	1584	rBV	378367	618020	26.27%	1.696%
33	12.717	1590	1596	1599	rBV4	10088	16271	0.69%	0.045%
34	12.817	1606	1613	1620	rVB	321180	516035	21.94%	1.416%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031221\
Data File : BG048364.D
Acq On : 12 Mar 2021 10:55
Operator : CG/JU
Sample : M1496-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X3170

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-BG031121.M
Title : SVOA CALIBRATION

35	12.941	1629	1634	1641	rBV	274762	442348	18.81%	1.214%
36	13.193	1670	1677	1685	rBV2	199348	324512	13.80%	0.891%
37	13.375	1704	1708	1710	rBV2	3446	4178	0.18%	0.011%
38	13.587	1739	1744	1747	rBV4	13108	19860	0.84%	0.055%
39	13.646	1747	1754	1761	rVB	320133	519512	22.09%	1.426%
40	14.163	1834	1842	1847	rBV	484053	701348	29.82%	1.925%
41	14.210	1847	1850	1856	rVB	53569	71103	3.02%	0.195%
42	14.327	1861	1870	1877	rBV2	130121	202284	8.60%	0.555%
43	14.404	1877	1883	1887	rBV5	12219	22004	0.94%	0.060%
44	14.462	1887	1893	1896	rBV	430401	783726	33.32%	2.151%
45	14.656	1921	1926	1928	rBV4	5439	7295	0.31%	0.020%
46	14.768	1937	1945	1950	rBV	349374	566825	24.10%	1.556%
47	14.827	1950	1955	1964	rVB2	232274	371451	15.79%	1.019%
48	14.932	1966	1973	1983	rBV	255895	412291	17.53%	1.131%
49	15.115	1997	2004	2018	rVB	325249	488858	20.78%	1.342%
50	15.214	2018	2021	2024	rBV2	2320	3867	0.16%	0.011%
51	15.379	2040	2049	2056	rBV	508751	786584	33.44%	2.159%
52	15.561	2072	2080	2081	rBV3	9786	13037	0.55%	0.036%
53	15.608	2086	2088	2093	rVB4	9114	10278	0.44%	0.028%
54	15.755	2107	2113	2117	rBV	612061	934219	39.72%	2.564%
55	15.808	2117	2122	2127	rVV3	613275	986190	41.93%	2.706%
56	15.878	2127	2134	2144	rVB2	832346	1424616	60.57%	3.910%
57	15.996	2151	2154	2160	rVB6	9027	15217	0.65%	0.042%
58	16.107	2168	2173	2176	rBV7	3761	7122	0.30%	0.020%
59	16.290	2200	2204	2208	rBV5	5423	9069	0.39%	0.025%
60	16.401	2218	2223	2224	rBV4	9641	11207	0.48%	0.031%
61	16.431	2227	2228	2232	rVB3	6651	5678	0.24%	0.016%
62	16.548	2245	2248	2251	rVB2	6215	6418	0.27%	0.018%
63	16.701	2268	2274	2281	rBV	531809	748087	31.80%	2.053%
64	16.813	2287	2293	2300	rVB	515528	799736	34.00%	2.195%
65	16.871	2300	2303	2307	rBV5	4292	8566	0.36%	0.024%
66	16.983	2318	2322	2325	rBV6	6597	9420	0.40%	0.026%
67	17.212	2359	2361	2365	rVB5	2652	3184	0.14%	0.009%
68	17.259	2365	2369	2373	rBV5	5928	11593	0.49%	0.032%
69	17.429	2393	2398	2401	rVB6	9138	14596	0.62%	0.040%
70	17.518	2407	2413	2416	rBV	502707	771089	32.78%	2.116%
71	17.559	2416	2420	2424	rVV	381088	566350	24.08%	1.554%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031221\
Data File : BG048364.D
Acq On : 12 Mar 2021 10:55
Operator : CG/JU
Sample : M1496-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X3170

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-BG031121.M
Title : SVOA CALIBRATION

72	17.617	2424	2430	2433	rVV	753187	1250360	53.16%	3.431%
73	17.647	2433	2435	2442	rVB	466979	605348	25.74%	1.661%
74	17.782	2455	2458	2460	rBV4	3845	4465	0.19%	0.012%
75	17.988	2486	2493	2499	rBV	559052	780467	33.18%	2.142%
76	18.176	2523	2525	2528	rVB4	8167	7843	0.33%	0.022%
77	18.276	2540	2542	2544	rBV2	4289	4171	0.18%	0.011%
78	18.305	2544	2547	2549	rBV3	7321	8679	0.37%	0.024%
79	18.399	2559	2563	2572	rBV	126913	203973	8.67%	0.560%
80	18.863	2640	2642	2644	rVB2	6085	4650	0.20%	0.013%
81	18.916	2646	2651	2659	rVB3	37398	72539	3.08%	0.199%
82	19.169	2690	2694	2702	rVB	136807	180376	7.67%	0.495%
83	19.257	2705	2709	2713	rVV2	38240	47744	2.03%	0.131%
84	19.327	2717	2721	2726	rVB4	16194	26164	1.11%	0.072%
85	19.568	2755	2762	2768	rVB	1207486	1728031	73.47%	4.742%
86	19.674	2776	2780	2788	rBV5	45985	81212	3.45%	0.223%
87	19.803	2798	2802	2810	rVB3	41797	58705	2.50%	0.161%
88	19.897	2810	2818	2822	rBV	1051816	1784053	75.85%	4.896%
89	20.220	2871	2873	2874	rBV2	7066	3695	0.16%	0.010%
90	20.326	2889	2891	2895	rBV3	9431	10648	0.45%	0.029%
91	21.031	3008	3011	3017	rVB5	34380	45345	1.93%	0.124%
92	21.442	3076	3081	3089	rBV	296612	422757	17.97%	1.160%
93	21.807	3134	3143	3148	rBV3	662861	1716603	72.98%	4.711%
94	21.860	3148	3152	3159	rVB	468931	741316	31.52%	2.034%
95	24.098	3523	3533	3539	rBV	925845	2352163	100.00%	6.455%
96	24.163	3539	3544	3552	rVV	298233	700344	29.77%	1.922%
97	24.239	3554	3557	3564	rVB5	47779	90509	3.85%	0.248%
98	24.927	3665	3674	3682	rBV	505576	1477262	62.80%	4.054%
99	25.162	3704	3714	3724	rBV3	290713	866537	36.84%	2.378%
100	30.191	4560	4570	4584	rVB3	154791	724249	30.79%	1.988%

Sum of corrected areas: 36438945

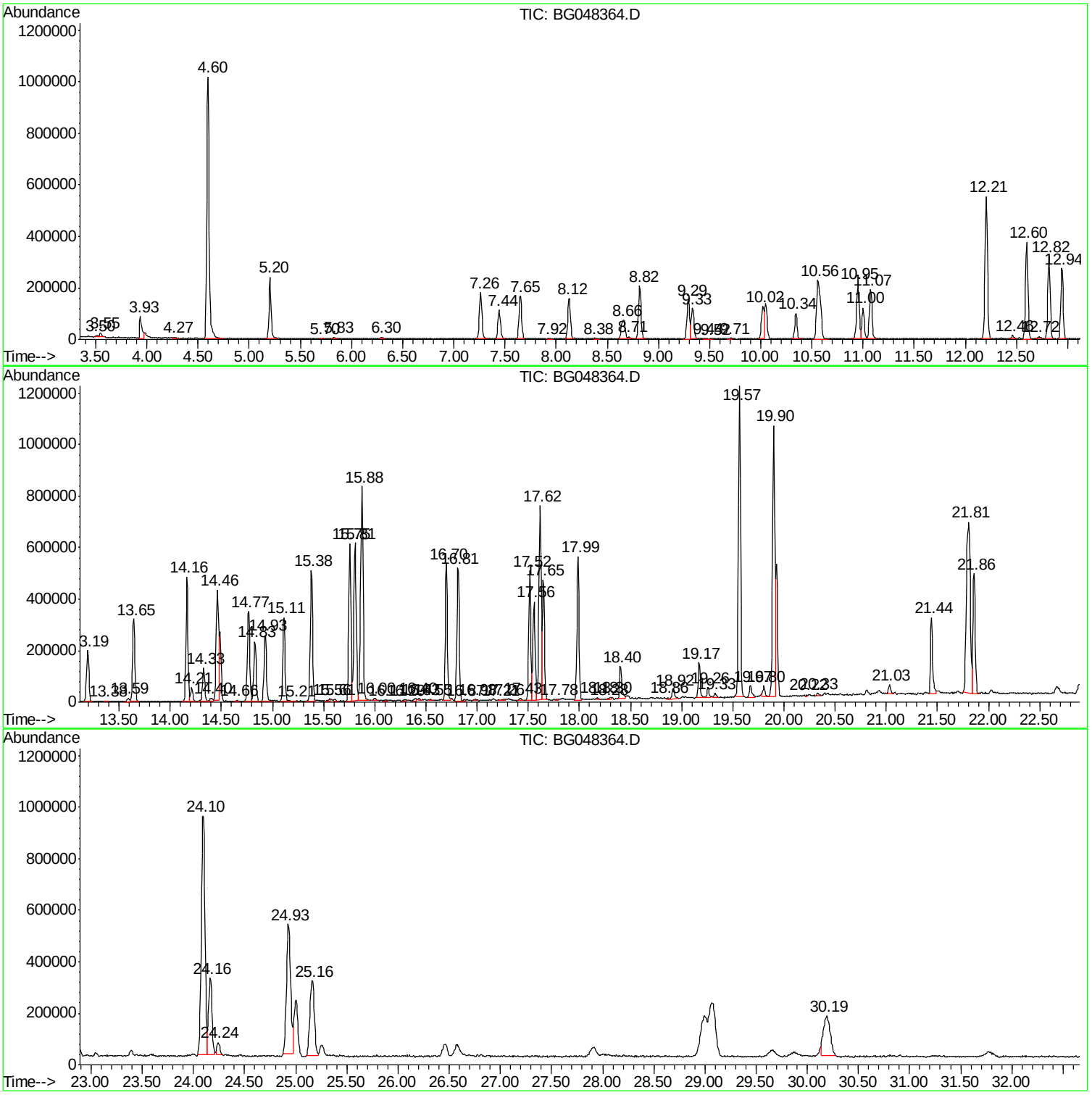
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031221\
Data File : BG048364.D
Acq On : 12 Mar 2021 10:55
Operator : CG/JU
Sample : M1496-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X3170

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG031121.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 G\DATA\BG031221\
Data File : BG048364.D
Acq On : 12 Mar 2021 10:55
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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG031121.M
Quant Title : SVOA CALIBRATION

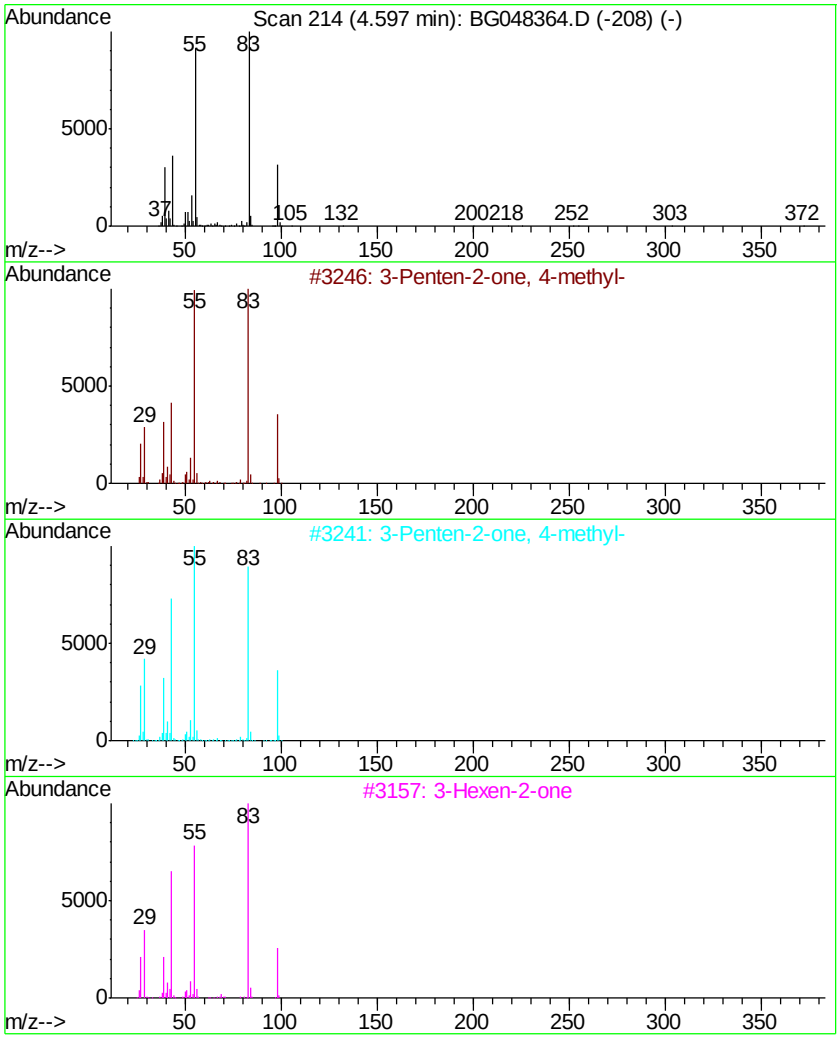
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

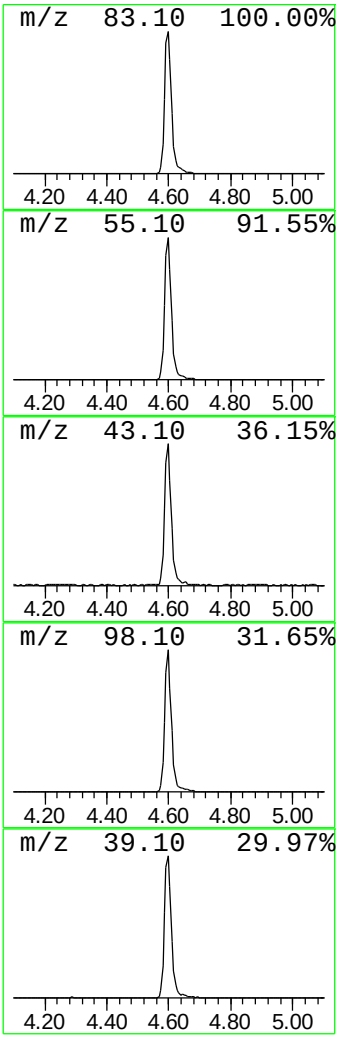
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	112.13 ng/ul	1566790	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3	3-Hexen-2-one	98	C6H10O	000763-93-9	91
4	3-Hexen-2-one	98	C6H10O	000763-93-9	90
5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031221\
Data File : BG048364.D
Acq On : 12 Mar 2021 10:55
Operator : CG/JU
Sample : M1496-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X3170

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG031121.M
Quant Title : SVOA CALIBRATION

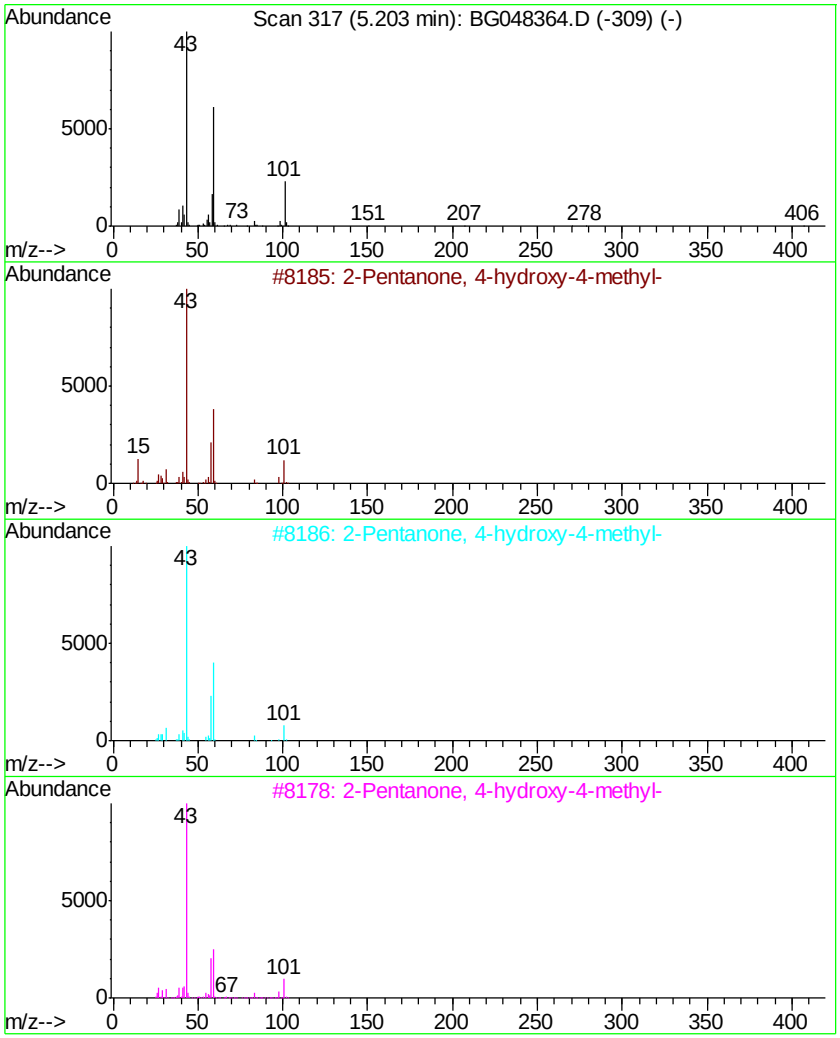
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

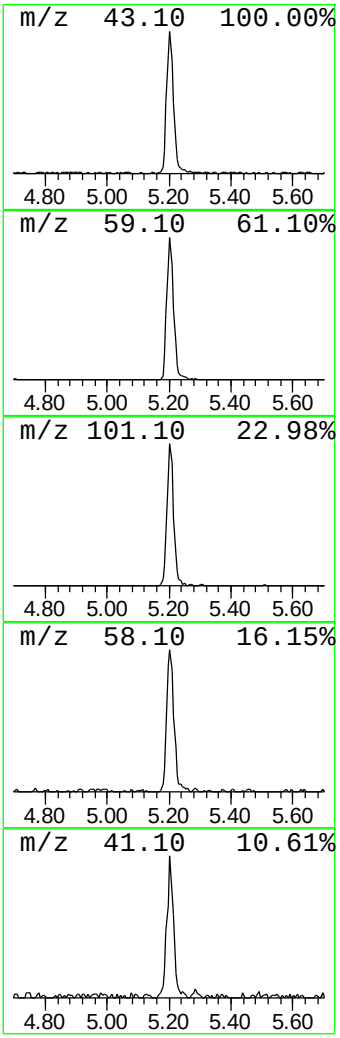
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	26.25 ng/ul	366838	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	38
5	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031221\
Data File : BG048364.D
Acq On : 12 Mar 2021 10:55
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Sample : M1496-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X3170

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG031121.M
Quant Title : SVOA CALIBRATION

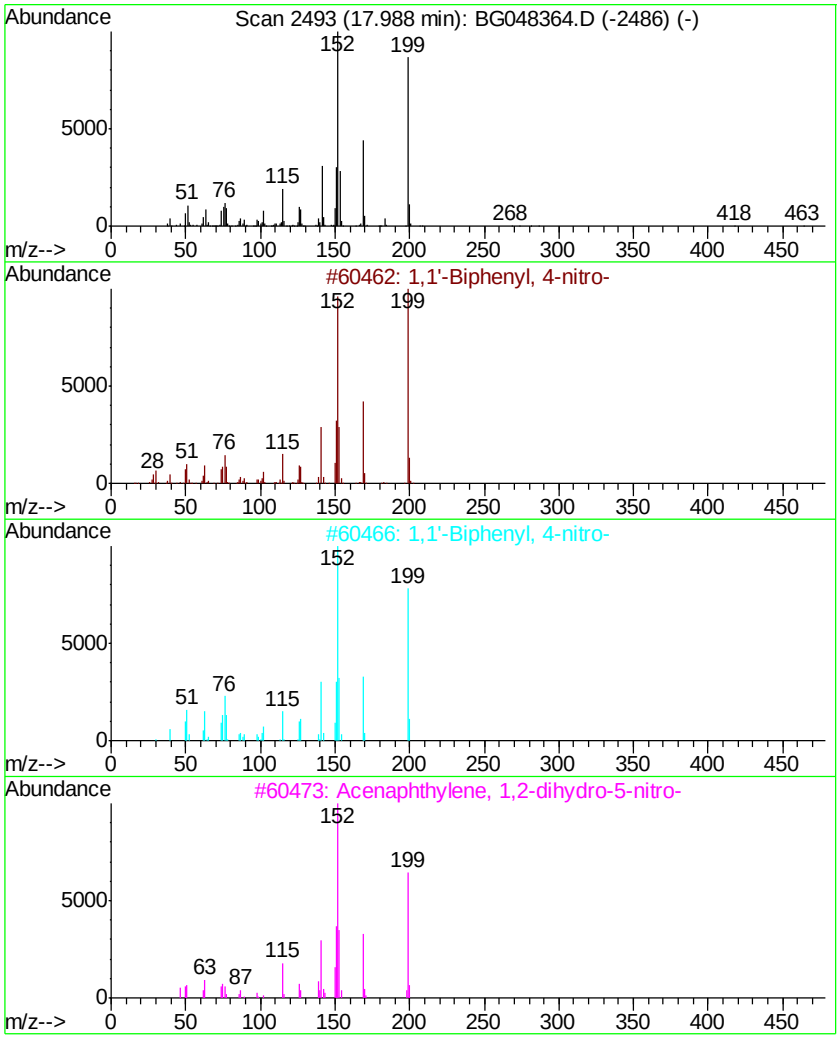
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

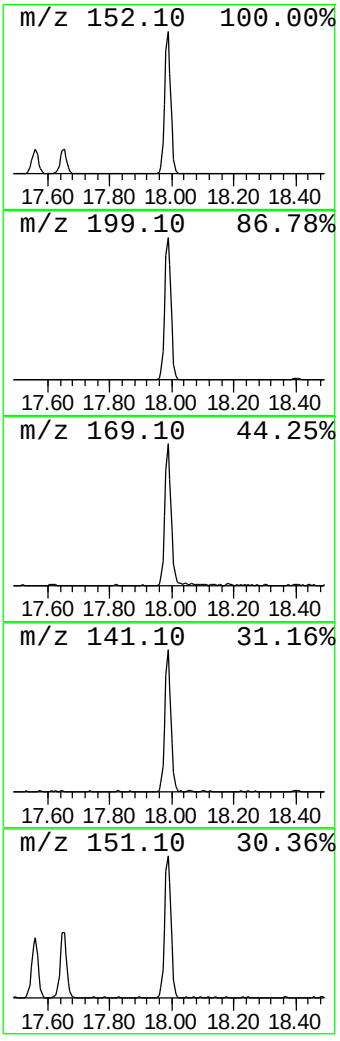
****

Peak Number 3 1,1'-Biphenyl, 4-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	20.24 ng/ul	780467	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	98
2	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	97
3	Acenaphthylene, 1,2-dihydro-5-ni...	199	C12H9NO2	000602-87-9	87
4	1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	83
5	1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031221\
Data File : BG048364.D
Acq On : 12 Mar 2021 10:55
Operator : CG/JU
Sample : M1496-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X3170

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG031121.M
Quant Title : SVOA CALIBRATION

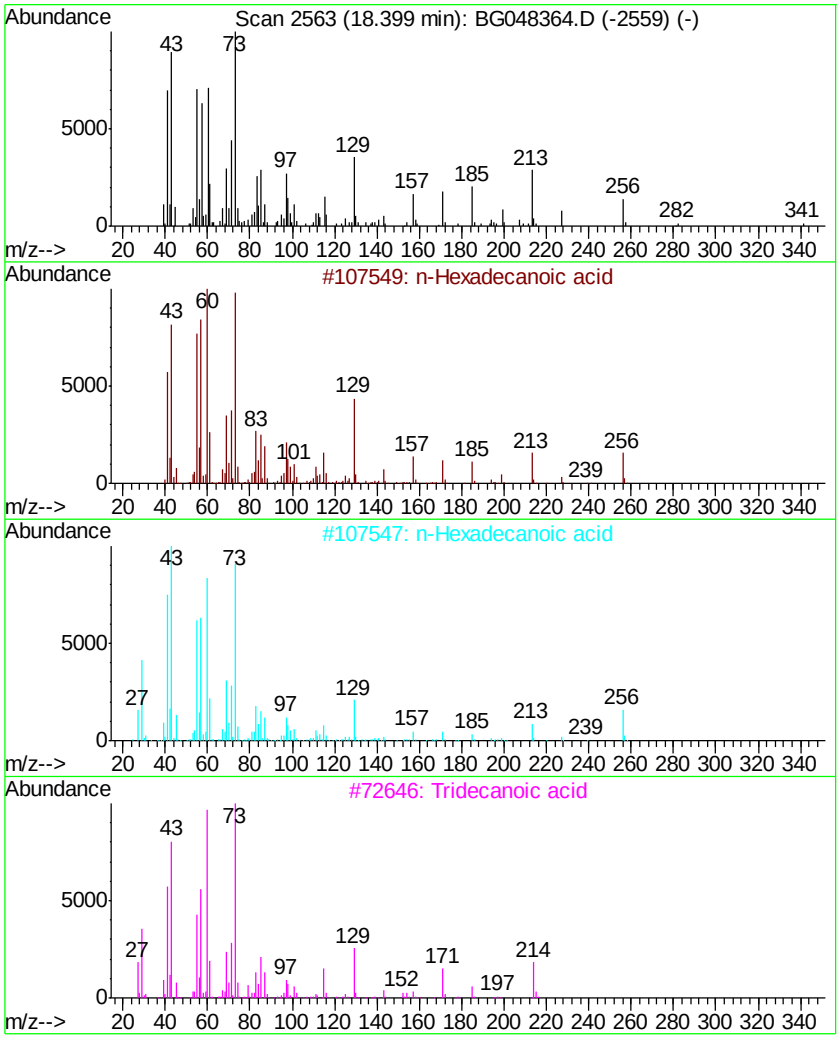
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

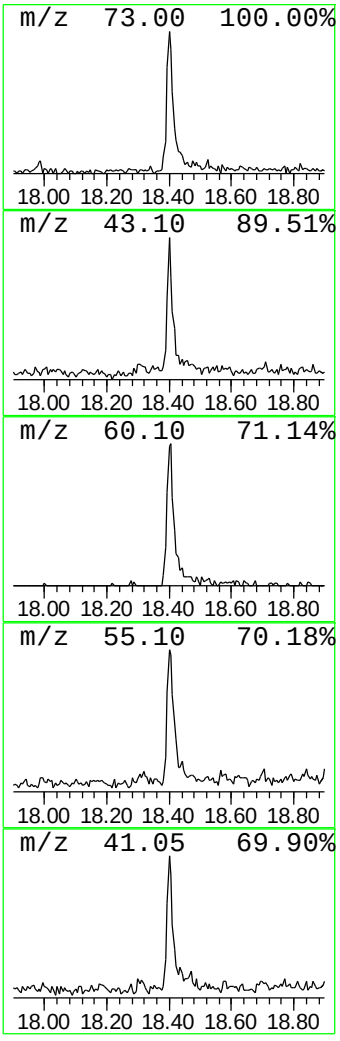
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	5.29 ng/ul	203973	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	50
4	Dodecanoic acid	200	C12H24O2	000143-07-7	46
5	Tridecanoic acid	214	C13H26O2	000638-53-9	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031221\
Data File : BG048364.D
Acq On : 12 Mar 2021 10:55
Operator : CG/JU
Sample : M1496-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X3170

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG031121.M
Quant Title : SVOA CALIBRATION

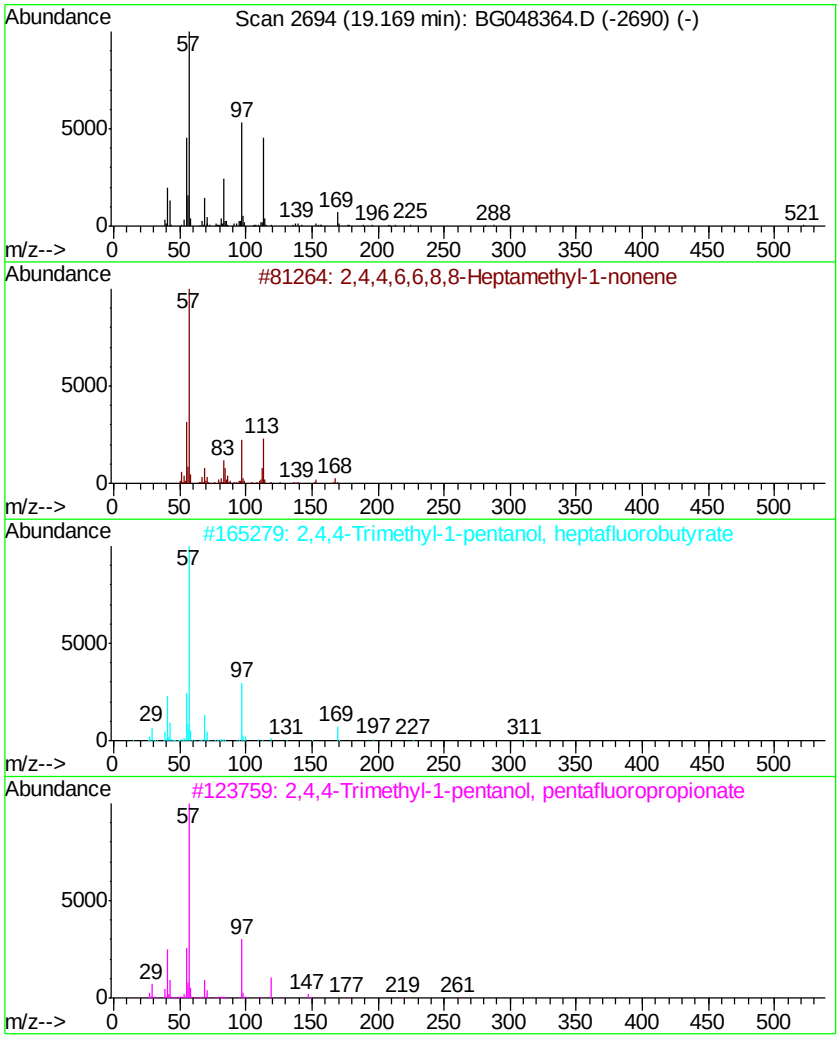
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

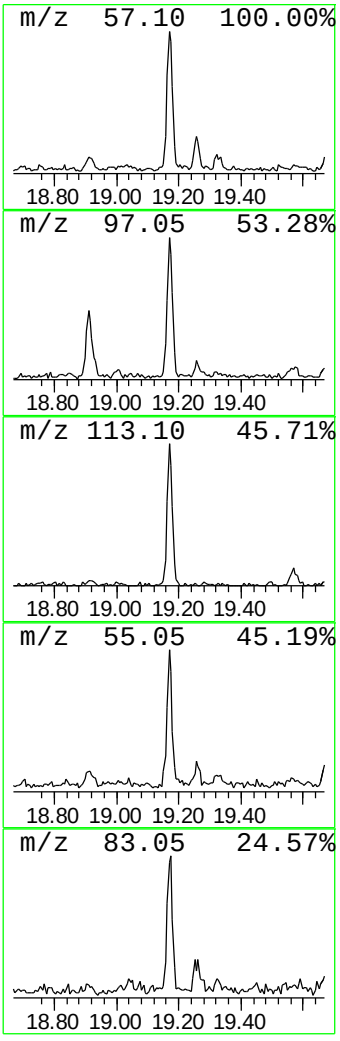
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	4.68 ng/ul	180376	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	38
2	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	38
3	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	38
4	Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	27
5	Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	27





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Acq On : 12 Mar 2021 10:55
Operator : CG/JU
Sample : M1496-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X3170

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG031121.M
Quant Title : SVOA CALIBRATION

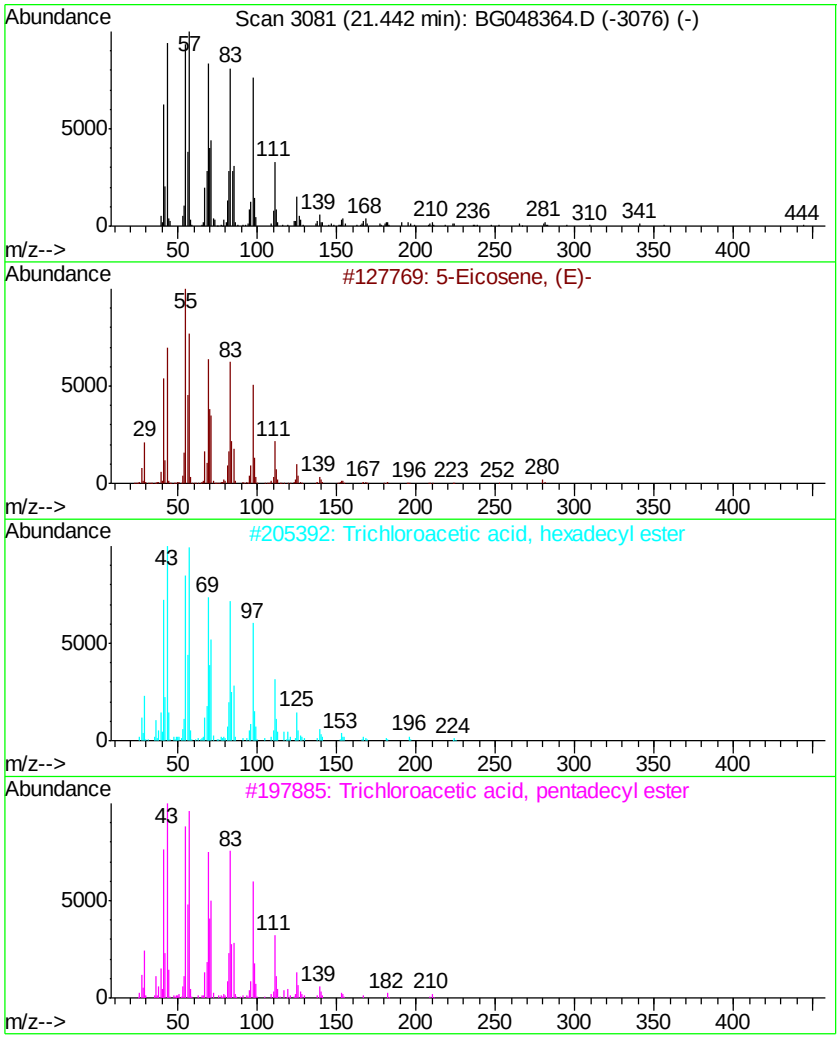
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

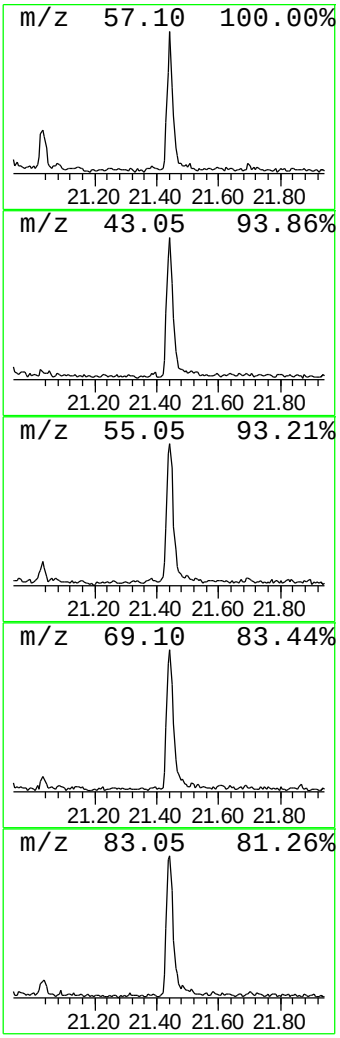
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	4.93 ng/ul	422757	Chrysene-d12	21.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	1-Nonadecene	266	C19H38	018435-45-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031221\
Data File : BG048364.D
Acq On : 12 Mar 2021 10:55
Operator : CG/JU
Sample : M1496-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X3170

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG031121.M
Quant Title : SVOA CALIBRATION

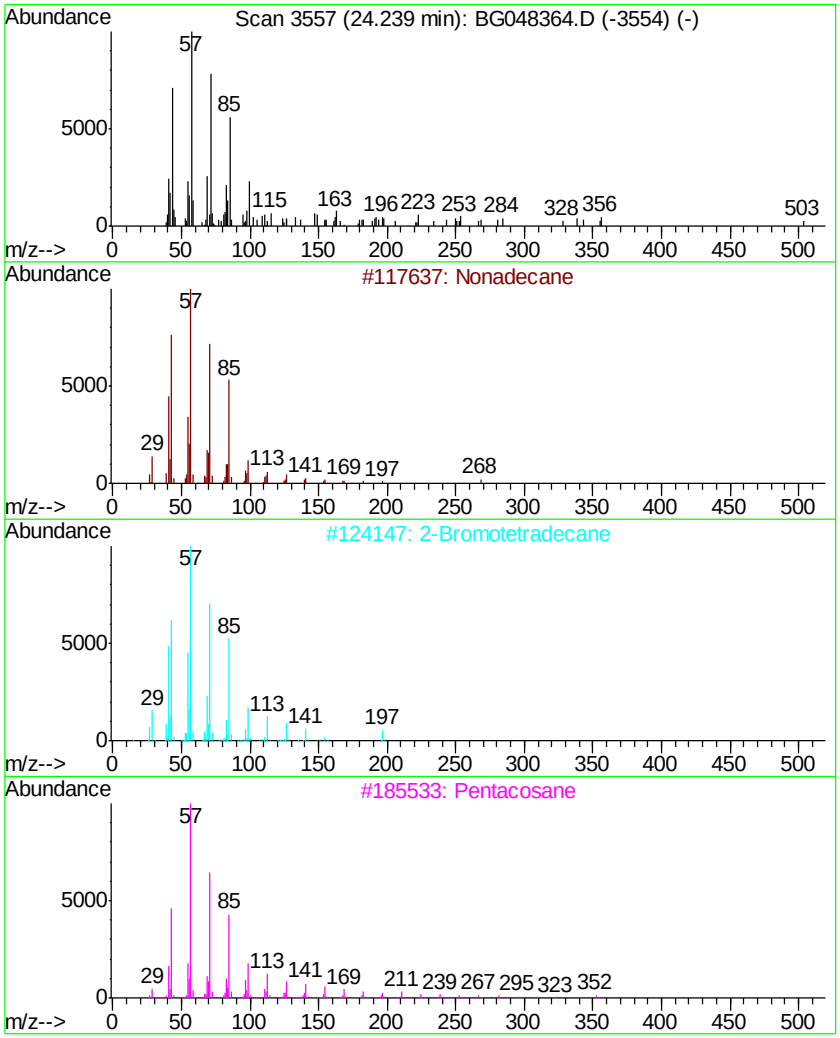
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

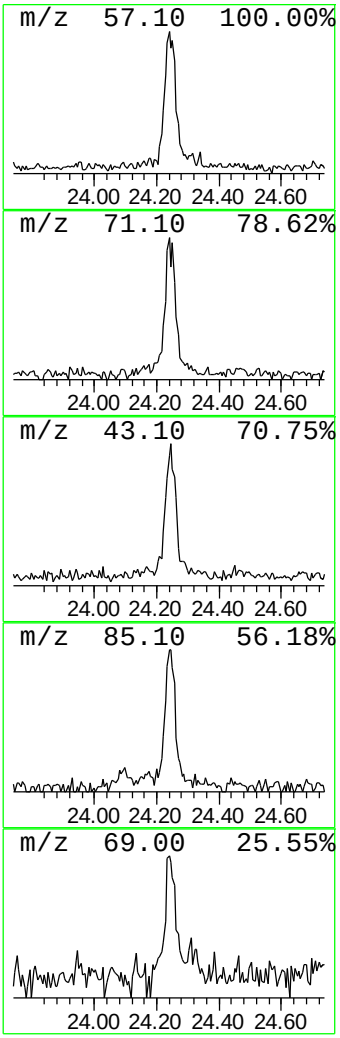
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.24	2.09 ng/ul	90509	Perylene-d12	25.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	76
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	64
3	Pentacosane	352	C25H52	000629-99-2	64
4	Heptacosane	380	C27H56	000593-49-7	64
5	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031221\
Data File : BG048364.D
Acq On : 12 Mar 2021 10:55
Operator : CG/JU
Sample : M1496-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X3170

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG031121.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-Penten-2-one, 4...	4.60	112.1	ng/ul	1566790	1	8.12	279454	20.0
2-Pentanone, 4-hy...	5.20	26.3	ng/ul	366838	1	8.12	279454	20.0
1,1'-Biphenyl, 4-...	17.99	20.2	ng/ul	780467	4	17.52	771089	20.0
n-Hexadecanoic acid	18.40	5.3	ng/ul	203973	4	17.52	771089	20.0
(DEL) Alkane: Str...	19.17	4.7	ng/ul	180376	4	17.52	771089	20.0
(DEL) Alkane: Str...	21.44	4.9	ng/ul	422757	5	21.81	1716600	20.0
(DEL) Alkane: Str...	24.24	2.1	ng/ul	90509	6	25.17	866537	20.0