LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046757.D
Acq On : 3 Oct 2020 5:07
Operator : CG/JU
Sample : L4151-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7L2

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-BG092920MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG046757.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.529	28	32	36	rBV2	14810	20294	0.96%	0.083%
2	3.952	102	104	110	rVB4	4987	7277	0.34%	0.030%
3	4.058	117	122	127	rVB2	20256	27751	1.31%	0.113%
4	4.129	131	134	138	rBV3	4196	6220	0.29%	0.025%
5	4.187	138	144	148	rBV3	6919	11578	0.55%	0.047%
6	4.287	155	161	167	rBV5	8129	14076	0.67%	0.057%
7	4.652	218	223	226	rVB4	3585	6094	0.29%	0.025%
8	4.846	254	256	261	rVB4	4455	5314	0.25%	0.022%
9	5.204	310	317	323	rBV5	10771	21213	1.00%	0.087%
10	5.292	327	332	335	rBV5	4843	7287	0.35%	0.030%
11	6.972	614	618	623	rVB5	3974	7892	0.37%	0.032%
12	7.066	628	634	637	rBV3	2864	5758	0.27%	0.023%
13	7.202	653	657	659	rBV4	4698	6353	0.30%	0.026%
14	7.254	659	666	676	rVV	252185	430933	20.41%	1.758%
15	7.431	690	696	708	rVB	195269	331204	15.69%	1.351%
16	7.636	724	731	739	rVB	237272	418868	19.84%	1.709%
17	8.112	805	812	818	rBV	267598	450336	21.33%	1.837%
18	8.165	818	821	825	rVB4	5500	7616	0.36%	0.031%
19	8.800	922	929	938	rBV	244615	423816	20.07%	1.729%
20	8.929	947	951	958	rVB2	18798	29526	1.40%	0.120%
21	9.270	1000	1009	1019	rBV	256222	447615	21.20%	1.826%
22	9.428	1030	1036	1041	rBV5	17410	27408	1.30%	0.112%
23	9.699	1076	1082	1089	rBV2	15252	27963	1.32%	0.114%
24	9.992	1125	1132	1142	rBV	213363	381311	18.06%	1.555%
25	10.351	1190	1193	1196	rVB3	5529	5430	0.26%	0.022%
26	10.427	1203	1206	1210	rBV5	8397	11807	0.56%	0.048%
27	10.533	1215	1224	1231	rBV2	313569	551282	26.11%	2.249%
28	10.921	1283	1290	1296	rBV	342720	641457	30.38%	2.617%
29	10.968	1296	1298	1303	rVV2	9356	15778	0.75%	0.064%
30	11.044	1305	1311	1319	rVB	175203	322679	15.28%	1.316%
31	11.931	1459	1462	1469	rBV4	3760	9320	0.44%	0.038%
32	12.325	1525	1529	1534	rVB5	3690	7200	0.34%	0.029%
33	12.454	1546	1551	1554	rBV4	3807	6922	0.33%	0.028%
34	12.490	1556	1557	1563	rVB5	6661	10243	0.49%	0.042%
35	12.572	1566	1571	1573	rVB2	6987	10643	0.50%	0.043%
36	12.783	1602	1607	1615	rVB6	8166	18362	0.87%	0.075%

LSC Area Percent Report

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Sample : L4151-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7L2

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-BG092920MA.M
Title : SVOA CALIBRATION

37	13.095	1657	1660	1666	rVB4	5712	9333	0.44%	0.038%
38	13.341	1699	1702	1709	rBV2	9310	15584	0.74%	0.064%
39	13.565	1737	1740	1743	rBV5	6509	6918	0.33%	0.028%
40	13.629	1743	1751	1758	rVV	162038	271281	12.85%	1.107%
41	13.694	1758	1762	1766	rVB7	4983	8857	0.42%	0.036%
42	13.894	1792	1796	1799	rBV4	5104	6593	0.31%	0.027%
43	14.052	1821	1823	1827	rBV3	6284	8477	0.40%	0.035%
44	14.135	1829	1837	1841	rBV	670121	973862	46.13%	3.973%
45	14.182	1841	1845	1853	rVB	84926	119880	5.68%	0.489%
46	14.381	1872	1879	1880	rBV4	4935	10125	0.48%	0.041%
47	14.428	1880	1887	1900	rVB	652203	1000959	47.41%	4.083%
48	14.587	1911	1914	1919	rBV2	8843	13162	0.62%	0.054%
49	14.628	1919	1921	1927	rVB4	6077	6785	0.32%	0.028%
50	14.734	1931	1939	1945	rBV2	635973	991826	46.98%	4.046%
51	14.799	1945	1950	1955	rVB3	34020	54481	2.58%	0.222%
52	14.851	1955	1959	1961	rBV4	4407	5515	0.26%	0.022%
53	14.904	1961	1968	1975	rBV	326361	519889	24.62%	2.121%
54	15.051	1989	1993	2000	rVB8	7815	17253	0.82%	0.070%
55	15.128	2000	2006	2013	rVB	34270	56195	2.66%	0.229%
56	15.204	2015	2019	2022	rBV4	4783	6410	0.30%	0.026%
57	15.392	2048	2051	2055	rVB5	5528	7678	0.36%	0.031%
58	15.463	2060	2063	2066	rBV4	4490	5429	0.26%	0.022%
59	15.521	2070	2073	2074	rBV3	8903	9989	0.47%	0.041%
60	15.574	2079	2082	2086	rVB3	4256	5930	0.28%	0.024%
61	15.721	2099	2107	2113	rBV	883172	1359487	64.39%	5.546%
62	15.780	2113	2117	2120	rVV2	38670	56473	2.67%	0.230%
63	15.827	2120	2125	2135	rVB2	296434	548079	25.96%	2.236%
64	16.068	2164	2166	2172	rVB4	16303	23794	1.13%	0.097%
65	16.220	2184	2192	2198	rBV3	15772	36823	1.74%	0.150%
66	16.291	2202	2204	2209	rVB4	8387	8569	0.41%	0.035%
67	16.444	2226	2230	2231	rBV4	11801	11371	0.54%	0.046%
68	16.591	2250	2255	2257	rBV5	8539	12700	0.60%	0.052%
69	16.749	2277	2282	2284	rBV4	9282	15904	0.75%	0.065%
70	16.984	2319	2322	2323	rBV3	5952	6525	0.31%	0.027%
71	17.008	2323	2326	2330	rVV3	34731	44867	2.13%	0.183%
72	17.049	2330	2333	2337	rVB5	10248	13284	0.63%	0.054%
73	17.084	2337	2339	2342	rBV4	3640	5338	0.25%	0.022%
74	17.125	2342	2346	2354	rVB3	33306	55710	2.64%	0.227%
75	17.202	2356	2359	2362	rBV4	12474	21331	1.01%	0.087%
76	17.296	2371	2375	2382	rVB2	30919	48604	2.30%	0.198%

LSC Area Percent Report

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Acq On : 3 Oct 2020 5:07
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Instrument : BNA_G
ClientSampleId : CB7L2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Title : SVOA CALIBRATION

77	17.478	2399	2406	2410	rBV	814233	1291677	61.18%	5.269%
78	17.519	2410	2413	2417	rVV	506338	700321	33.17%	2.857%
79	17.572	2417	2422	2434	rVV	899997	1536802	72.79%	6.269%
80	17.666	2434	2438	2441	rVV5	5965	8459	0.40%	0.035%
81	17.760	2449	2454	2455	rBV4	10511	16734	0.79%	0.068%
82	17.871	2467	2473	2478	rBV2	47356	84757	4.01%	0.346%
83	17.995	2491	2494	2498	rVB3	17546	23332	1.11%	0.095%
84	18.353	2550	2555	2558	rBV2	107007	154139	7.30%	0.629%
85	18.400	2559	2563	2566	rVV	85762	122494	5.80%	0.500%
86	18.430	2566	2568	2572	rVB	31603	41596	1.97%	0.170%
87	18.477	2573	2576	2581	rVB3	28801	38363	1.82%	0.156%
88	18.547	2582	2588	2591	rBV3	92194	165670	7.85%	0.676%
89	18.841	2634	2638	2642	rBV	62235	101883	4.83%	0.416%
90	18.882	2642	2645	2649	rVB	63386	84504	4.00%	0.345%
91	19.393	2729	2732	2740	rVB	56036	97103	4.60%	0.396%
92	19.522	2748	2754	2759	rVB	941580	1295059	61.34%	5.283%
93	19.857	2805	2811	2814	rBV	1162113	2033920	96.34%	8.297%
94	20.468	2912	2915	2920	rBV	57235	76283	3.61%	0.311%
95	21.132	3025	3028	3036	rVB	92835	147724	7.00%	0.603%
96	21.391	3069	3072	3081	rVB4	270070	442873	20.98%	1.807%
97	21.749	3125	3133	3138	rBV3	883681	2111256	100.00%	8.612%
98	21.796	3138	3141	3149	rVB	330100	540177	25.59%	2.204%
99	24.805	3645	3653	3659	rBV	447477	1128125	53.43%	4.602%
100	25.028	3683	3691	3698	rBV2	424142	1134547	53.74%	4.628%

Sum of corrected areas: 24513894

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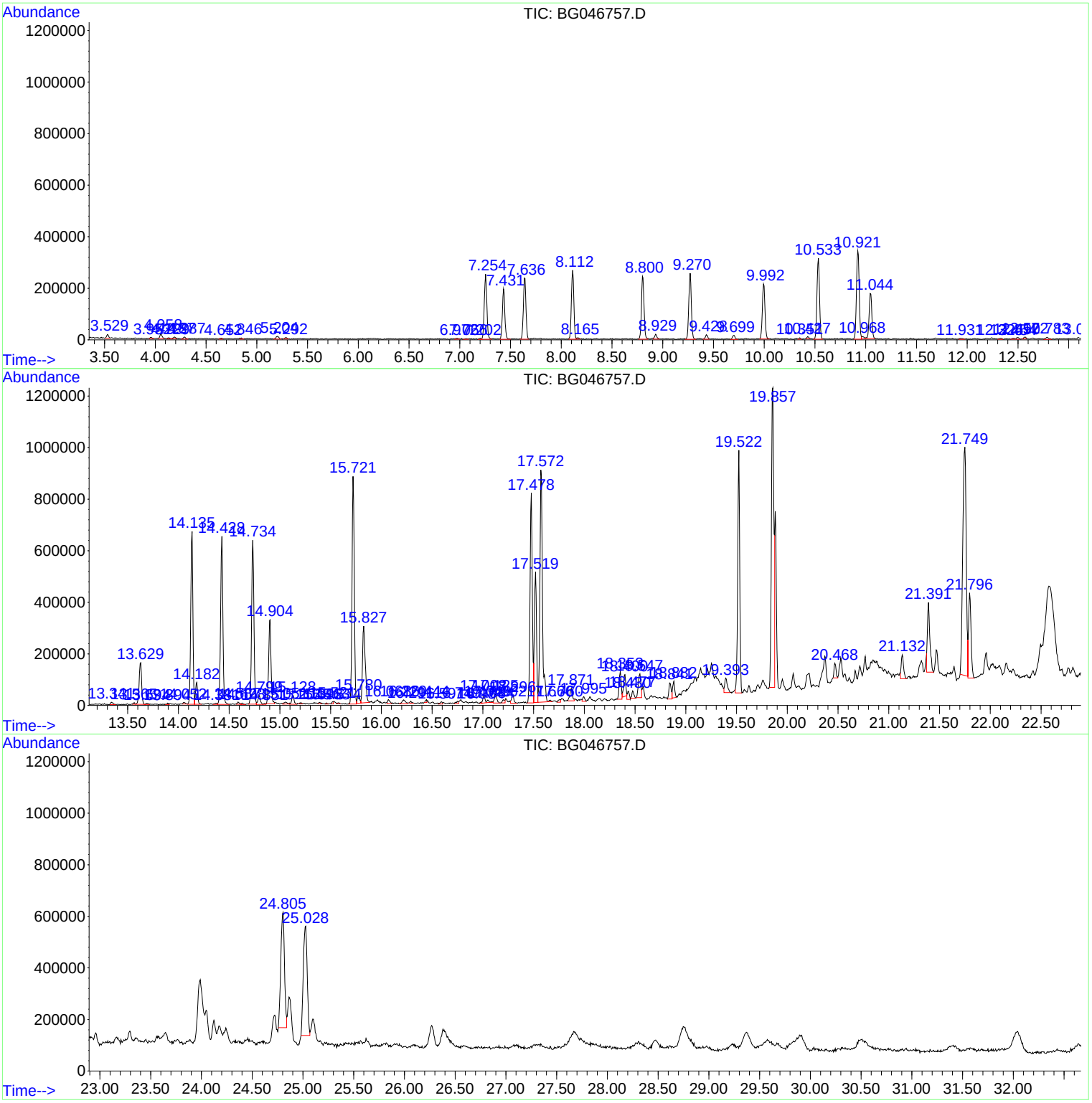
Instrument :
BNA_G
ClientSampleId :
CB7L2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

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



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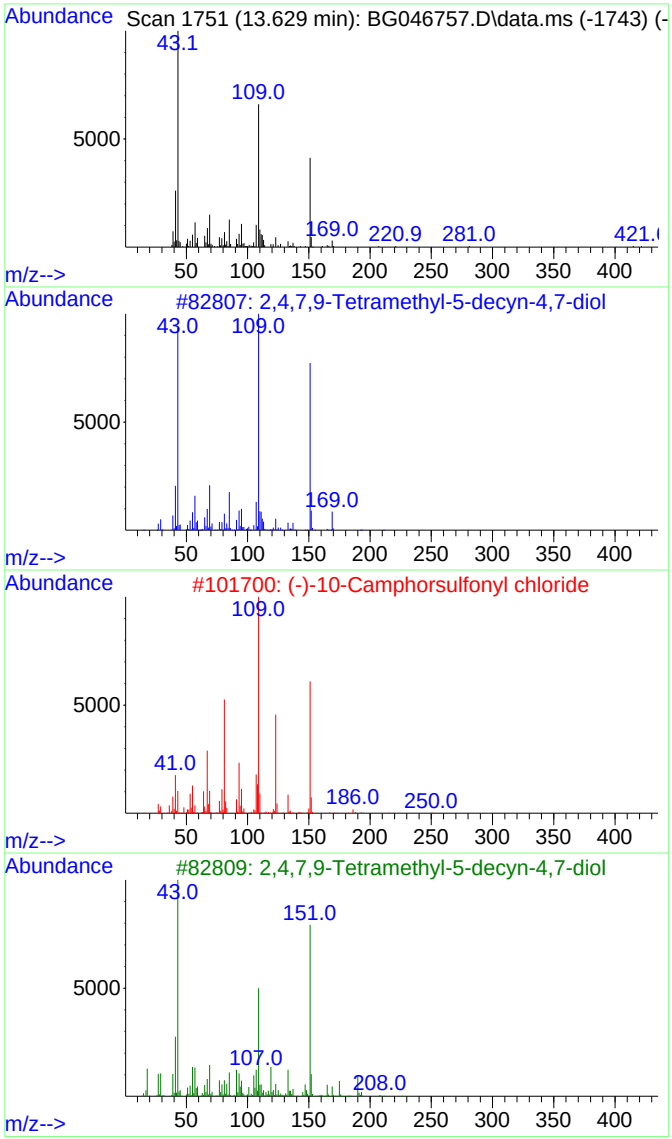
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

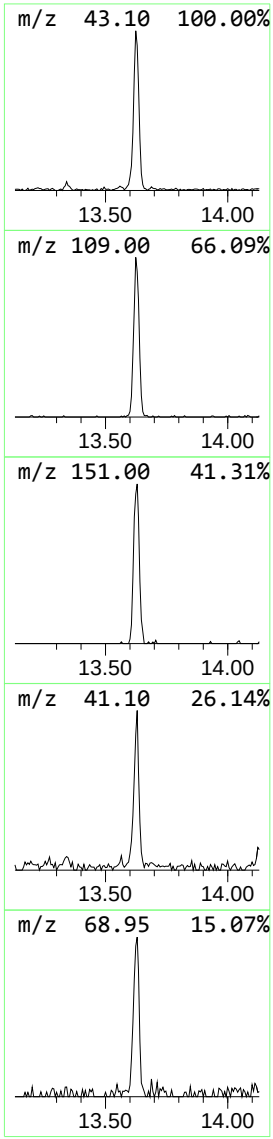
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.630	5.47 ng/ul	271281	Acenaphthene-d10	14.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	(-)-10-Camphorsulfonyl chloride	250	C10H15ClO3S	039262-22-1	64
3	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	53
4	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	52
5	Metacetamol	151	C8H9NO2	000621-42-1	50





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Instrument : BNA_G
ClientSampleId : CB7L2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

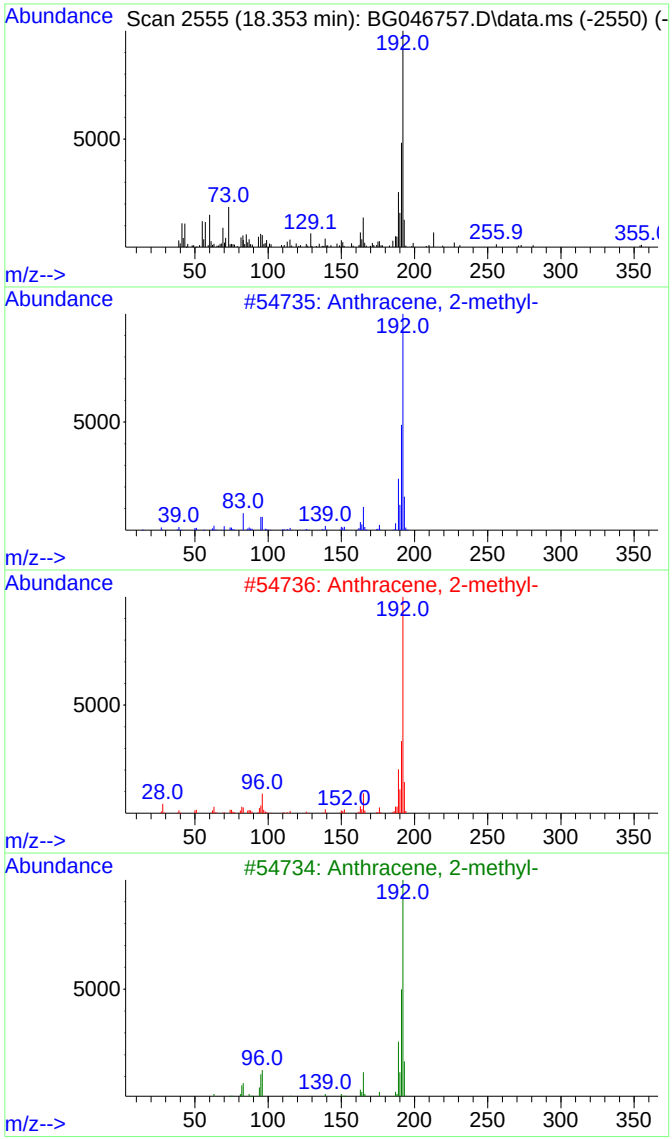
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

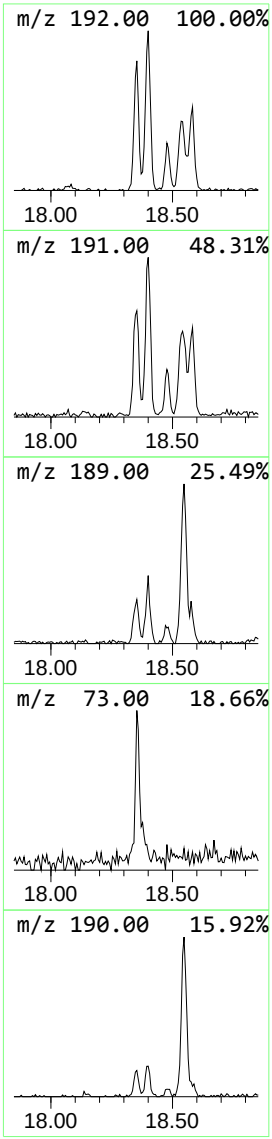
****

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.350	2.39 ng/ul	154139	Phenanthrene-d10	17.478

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86





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Instrument : BNA_G
ClientSampleId : CB7L2

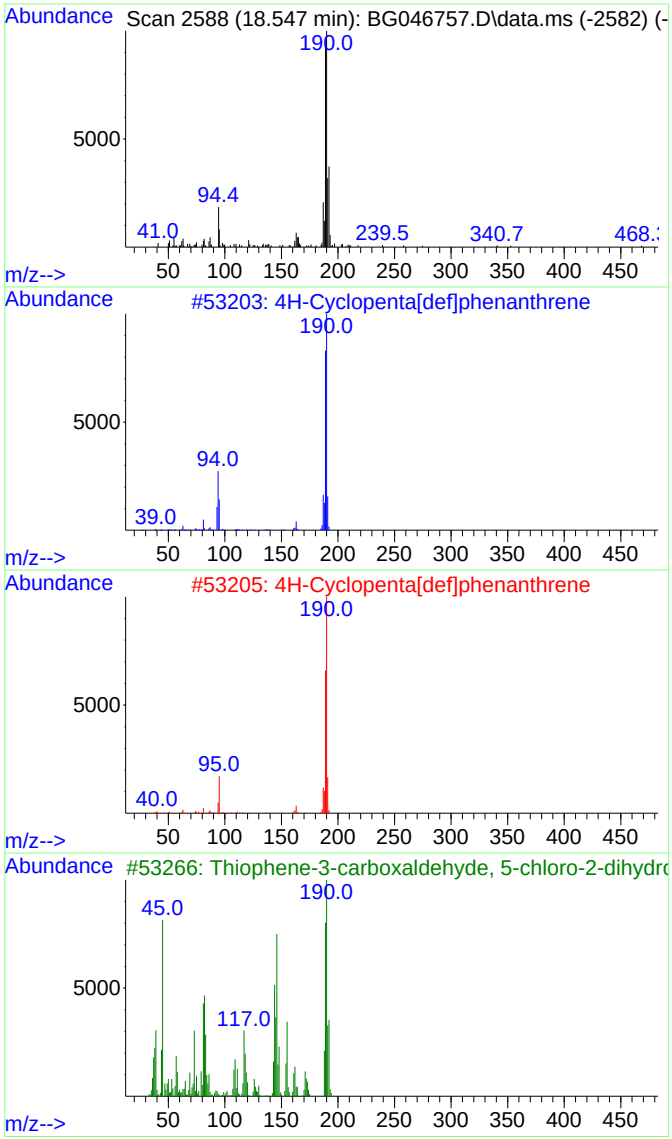
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

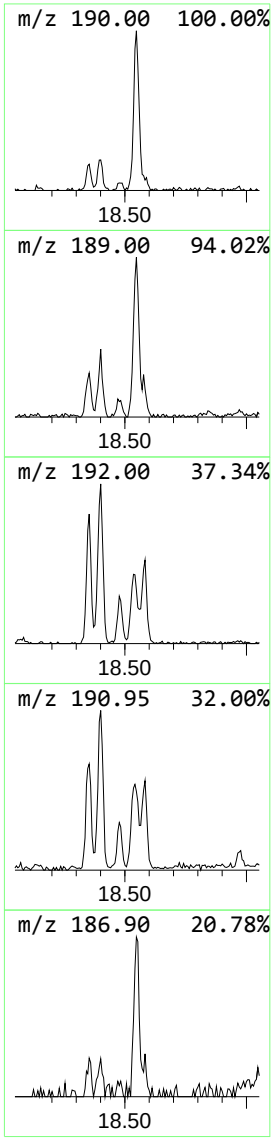
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.550	2.57 ng/ul	165670	Phenanthrene-d10	17.478

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	59
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50





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Instrument : BNA_G
ClientSampleId : CB7L2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

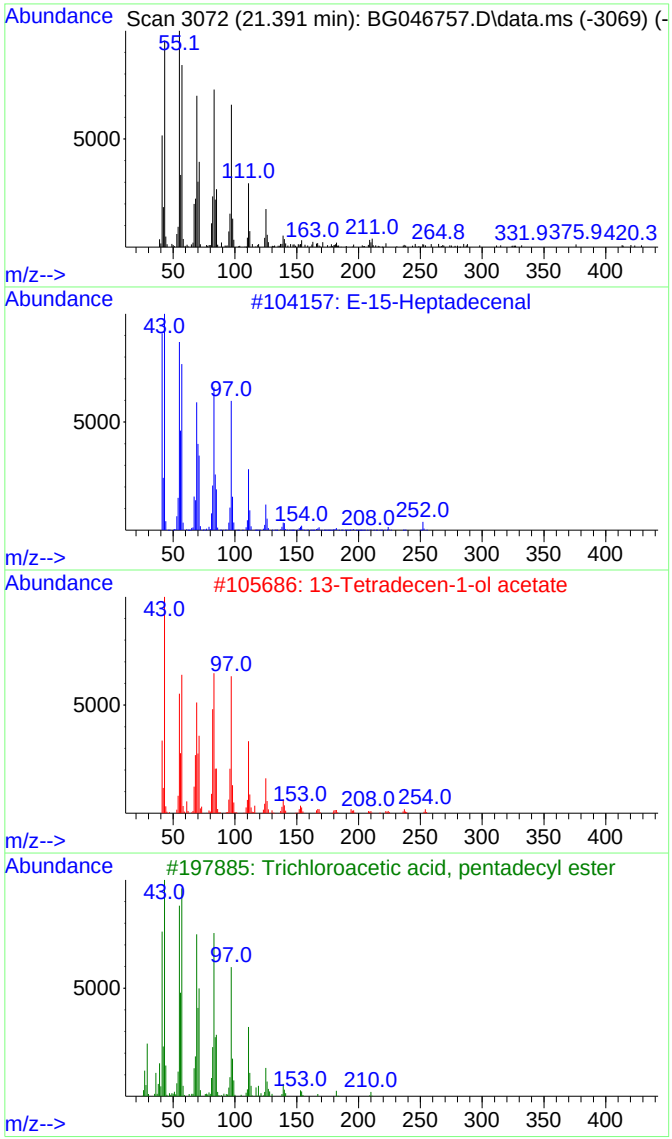
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

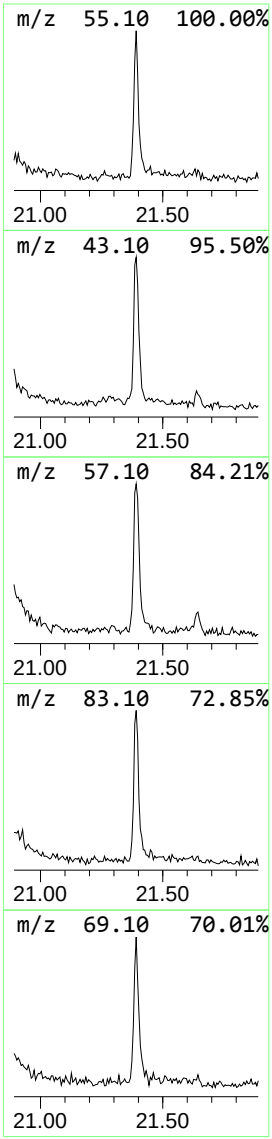
****

Peak Number 4 E-15-Heptadecenal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.390	4.20 ng/ul	442873	Chrysene-d12	21.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	95
2	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	94
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91





Tentatively Identified Compound (LSC) summary

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Sample : L4151-11
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Instrument : BNA_G
ClientSampleId : CB7L2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.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
2,4,7,9-Tetrame...	13.630	5.5	ng/ul	271281	3	14.734	991826	20.0
Anthracene, 2-m...	18.350	2.4	ng/ul	154139	4	17.478	1291680	20.0
4H-Cyclopenta[d...	18.550	2.6	ng/ul	165670	4	17.478	1291680	20.0
E-15-Heptadecenal	21.390	4.2	ng/ul	442873	5	21.749	2111260	20.0