LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046744.D
Acq On : 2 Oct 2020 19:42
Operator : CG/JU
Sample : L4151-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K9

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: BG046744.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.538	30	34	36	rBV2	9509	11917	0.57%	0.056%
2	4.061	117	123	125	rBV5	7315	10845	0.52%	0.051%
3	4.190	140	145	151	rVB7	8126	14315	0.69%	0.067%
4	4.290	155	162	170	rBV	111321	179780	8.64%	0.841%
5	4.643	217	222	229	rVB5	11978	22310	1.07%	0.104%
6	5.119	295	303	309	rBV5	5839	15143	0.73%	0.071%
7	5.753	406	411	419	rVB5	7147	14346	0.69%	0.067%
8	6.123	466	474	476	rBV7	12172	18996	0.91%	0.089%
9	6.153	477	479	485	rVV3	13679	19444	0.93%	0.091%
10	7.252	660	666	677	rVB	171018	301494	14.49%	1.410%
11	7.434	690	697	704	rBV	118446	204617	9.83%	0.957%
12	7.639	725	732	741	rVB	157808	269443	12.95%	1.261%
13	7.733	745	748	750	rBV2	10152	10331	0.50%	0.048%
14	8.115	805	813	819	rBV	237941	410896	19.75%	1.922%
15	8.168	819	822	828	rVB2	10075	13415	0.64%	0.063%
16	8.803	924	930	938	rVB2	176396	298651	14.35%	1.397%
17	8.938	948	953	958	rVV3	8108	13800	0.66%	0.065%
18	9.273	1003	1010	1018	rVB	151757	268453	12.90%	1.256%
19	9.343	1018	1022	1027	rBV4	6599	9492	0.46%	0.044%
20	9.431	1032	1037	1046	rVB3	40180	63371	3.05%	0.296%
21	9.707	1077	1084	1088	rVB	19441	30036	1.44%	0.141%
22	9.995	1125	1133	1142	rVV	122496	218291	10.49%	1.021%
23	10.336	1185	1191	1197	rVB7	13667	27629	1.33%	0.129%
24	10.530	1216	1224	1234	rBV	194658	345371	16.60%	1.616%
25	10.924	1282	1291	1297	rBV	320497	575904	27.68%	2.694%
26	10.977	1297	1300	1303	rVV2	25585	40667	1.95%	0.190%
27	11.047	1306	1312	1321	rVB2	126135	239578	11.51%	1.121%
28	11.946	1459	1465	1468	rBV4	6066	9982	0.48%	0.047%
29	12.328	1526	1530	1536	rVB4	7516	11640	0.56%	0.054%
30	12.457	1547	1552	1556	rBV5	6827	9991	0.48%	0.047%
31	12.569	1563	1571	1577	rVB2	19090	34684	1.67%	0.162%
32	12.792	1602	1609	1615	rBV	13617	21871	1.05%	0.102%
33	13.350	1700	1704	1708	rVB5	10157	15443	0.74%	0.072%
34	13.568	1736	1741	1745	rVV5	13657	24894	1.20%	0.116%
35	13.626	1749	1751	1757	rVV4	5501	10132	0.49%	0.047%
36	13.691	1758	1762	1768	rVB7	6336	9920	0.48%	0.046%

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Misc :
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Instrument : BNA_G
ClientSampleId : CB7K9

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	13.908	1792	1799	1807	rBV4	10459	27680	1.33%	0.129%
38	14.061	1818	1825	1830	rVV3	14590	27391	1.32%	0.128%
39	14.132	1830	1837	1842	rVV	393461	587014	28.21%	2.746%
40	14.179	1842	1845	1850	rVV	48446	71745	3.45%	0.336%
41	14.290	1859	1864	1867	rVV5	8733	12921	0.62%	0.060%
42	14.425	1881	1887	1902	rVB	380642	622234	29.91%	2.911%
43	14.590	1911	1915	1919	rBV3	10154	10906	0.52%	0.051%
44	14.631	1919	1922	1925	rVB2	8646	9610	0.46%	0.045%
45	14.731	1931	1939	1946	rBV	501361	826982	39.75%	3.869%
46	14.796	1946	1950	1958	rVB2	32834	55428	2.66%	0.259%
47	14.896	1962	1967	1973	rBV2	188536	296034	14.23%	1.385%
48	15.131	2002	2007	2013	rVB2	36908	58536	2.81%	0.274%
49	15.201	2014	2019	2025	rBV4	10001	16352	0.79%	0.076%
50	15.348	2038	2044	2048	rBV4	5768	11335	0.54%	0.053%
51	15.401	2048	2053	2059	rVB8	10167	17872	0.86%	0.084%
52	15.460	2059	2063	2067	rVB3	9146	11174	0.54%	0.052%
53	15.530	2069	2075	2078	rBV7	14992	27409	1.32%	0.128%
54	15.577	2080	2083	2089	rVB3	11565	13956	0.67%	0.065%
55	15.724	2101	2108	2113	rBV	547475	807354	38.80%	3.777%
56	15.777	2113	2117	2120	rVV	32462	42892	2.06%	0.201%
57	15.824	2120	2125	2130	rVB2	158290	225807	10.85%	1.056%
58	16.071	2163	2167	2172	rVB	17516	28249	1.36%	0.132%
59	16.212	2187	2191	2198	rBV	14902	30300	1.46%	0.142%
60	16.288	2201	2204	2208	rVV4	11751	17762	0.85%	0.083%
61	16.441	2226	2230	2239	rBV5	24404	54501	2.62%	0.255%
62	16.588	2251	2255	2259	rBV5	11258	16896	0.81%	0.079%
63	16.782	2286	2288	2293	rVV6	15614	22481	1.08%	0.105%
64	16.823	2293	2295	2300	rVB6	8477	12216	0.59%	0.057%
65	17.011	2324	2327	2331	rBV4	15343	16299	0.78%	0.076%
66	17.052	2331	2334	2337	rVB4	8645	10589	0.51%	0.050%
67	17.128	2342	2347	2354	rVB5	34787	63329	3.04%	0.296%
68	17.205	2355	2360	2361	rBV4	13678	18786	0.90%	0.088%
69	17.228	2361	2364	2368	rVB5	25067	33045	1.59%	0.155%
70	17.293	2371	2375	2380	rVB3	33526	48521	2.33%	0.227%
71	17.393	2390	2392	2396	rBV4	9154	9495	0.46%	0.044%
72	17.475	2400	2406	2410	rBV	681106	1053554	50.63%	4.929%
73	17.522	2410	2414	2418	rVB	447876	624791	30.03%	2.923%
74	17.575	2418	2423	2427	rBV	583900	865592	41.60%	4.049%
75	17.874	2469	2474	2479	rBV	44267	73435	3.53%	0.344%
76	17.968	2487	2490	2493	rBV4	14313	20856	1.00%	0.098%

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Instrument : BNA_G
ClientSampleId : CB7K9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

77	18.145	2516	2520	2525	rBV7	15506	26050	1.25%	0.122%
78	18.356	2551	2556	2559	rVV2	138581	197481	9.49%	0.924%
79	18.397	2559	2563	2568	rVB	115634	166055	7.98%	0.777%
80	18.480	2573	2577	2582	rVV	42454	69278	3.33%	0.324%
81	18.544	2582	2588	2592	rVV4	106894	206408	9.92%	0.966%
82	18.579	2592	2594	2599	rVB	63275	76849	3.69%	0.360%
83	18.844	2634	2639	2643	rBV	64349	104311	5.01%	0.488%
84	18.879	2643	2645	2651	rVB	53394	68379	3.29%	0.320%
85	19.091	2678	2681	2685	rBV4	25123	31718	1.52%	0.148%
86	19.255	2705	2709	2713	rBV2	62018	104105	5.00%	0.487%
87	19.396	2730	2733	2742	rVB3	51279	84252	4.05%	0.394%
88	19.519	2749	2754	2760	rVB	850367	1176001	56.52%	5.502%
89	19.625	2768	2772	2775	rVB5	47199	56383	2.71%	0.264%
90	19.854	2805	2811	2814	rBV2	922835	1503919	72.28%	7.036%
91	19.884	2814	2816	2823	rVV	684883	816273	39.23%	3.819%
92	19.948	2824	2827	2835	rVB	58083	97867	4.70%	0.458%
93	20.201	2865	2870	2878	rBV3	71796	196064	9.42%	0.917%
94	20.471	2913	2916	2920	rVB	67029	76461	3.67%	0.358%
95	21.394	3066	3073	3082	rVB6	190288	441063	21.20%	2.063%
96	21.752	3125	3134	3138	rBV3	874768	2080695	100.00%	9.734%
97	21.799	3139	3142	3152	rVB	352189	574229	27.60%	2.686%
98	23.985	3508	3514	3522	rBV	218629	675055	32.44%	3.158%
99	24.796	3646	3652	3659	rBV2	320921	794329	38.18%	3.716%
100	25.025	3683	3691	3699	rBV3	421382	1154158	55.47%	5.399%

Sum of corrected areas: 21375804

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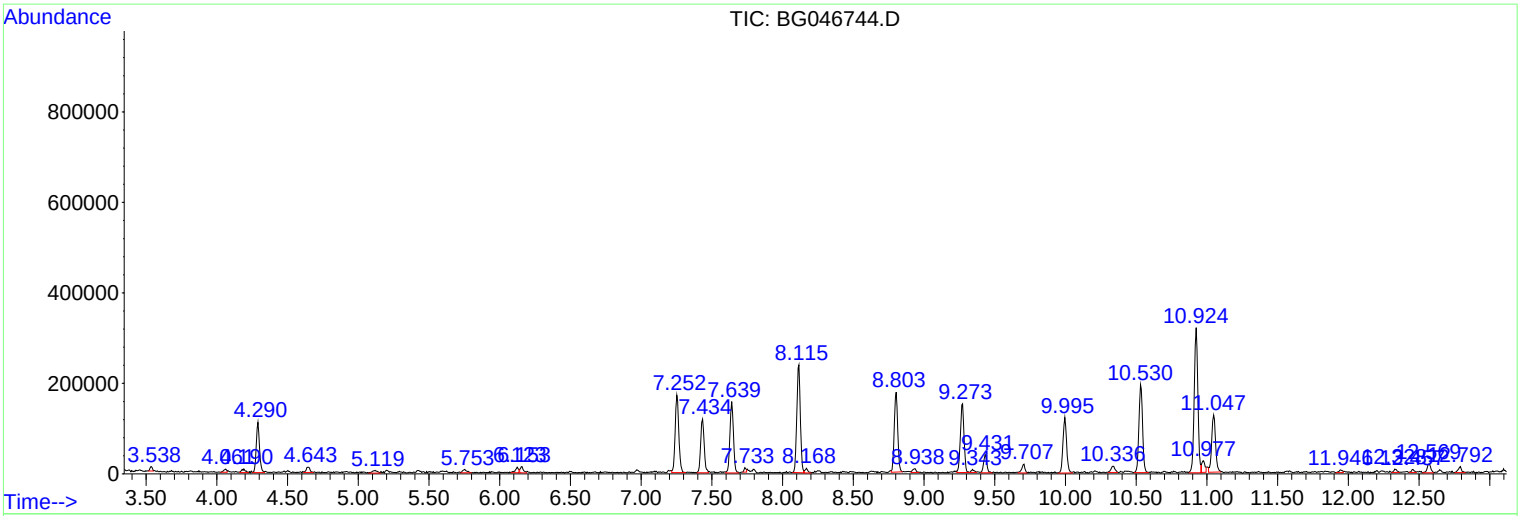
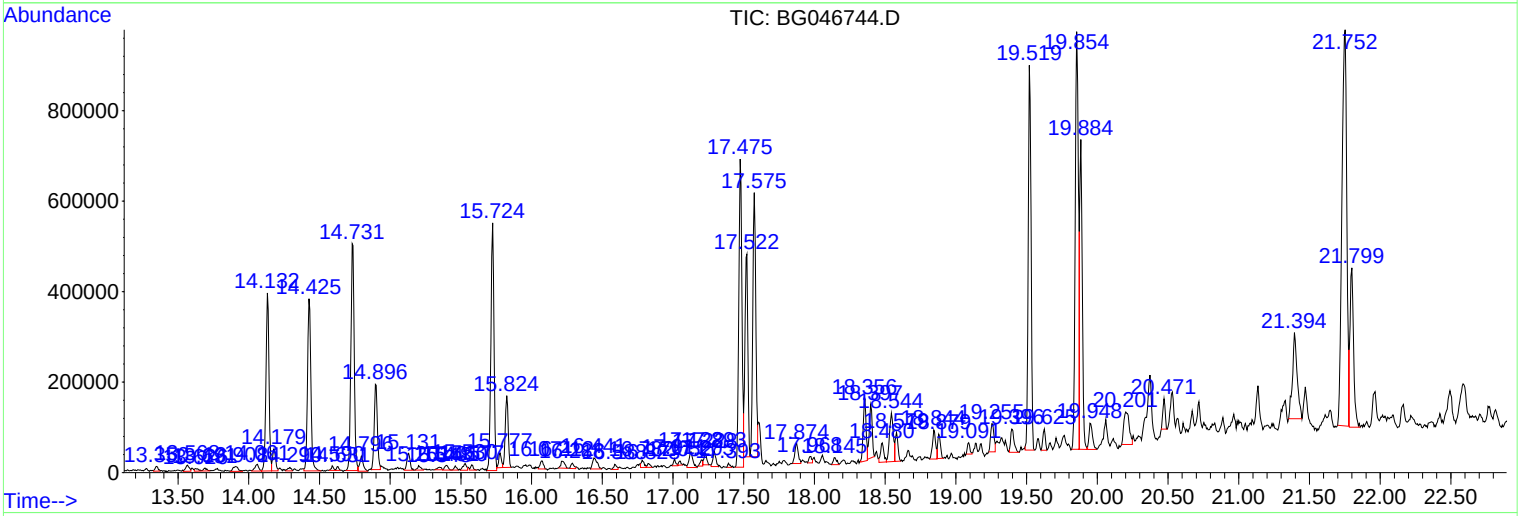
ALS Vial : 12 Sample Multiplier: 1

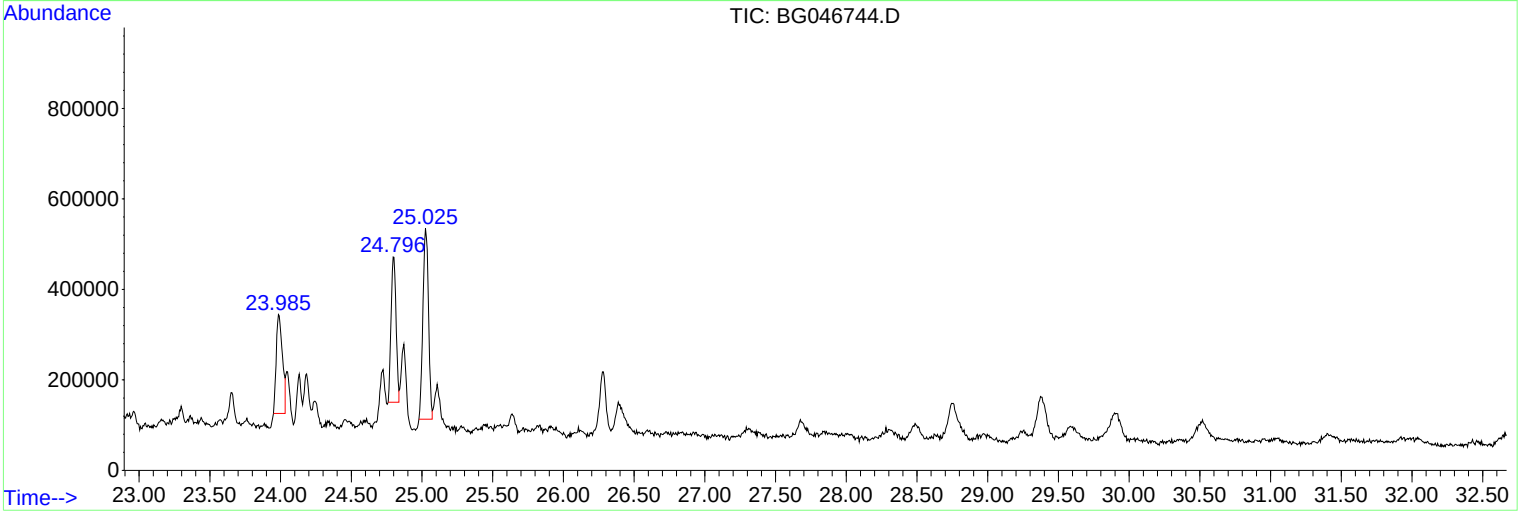
Instrument :
BNA_G
ClientSampleId :
CB7K9

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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Instrument :
BNA_G
ClientSampleId :
CB7K9

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

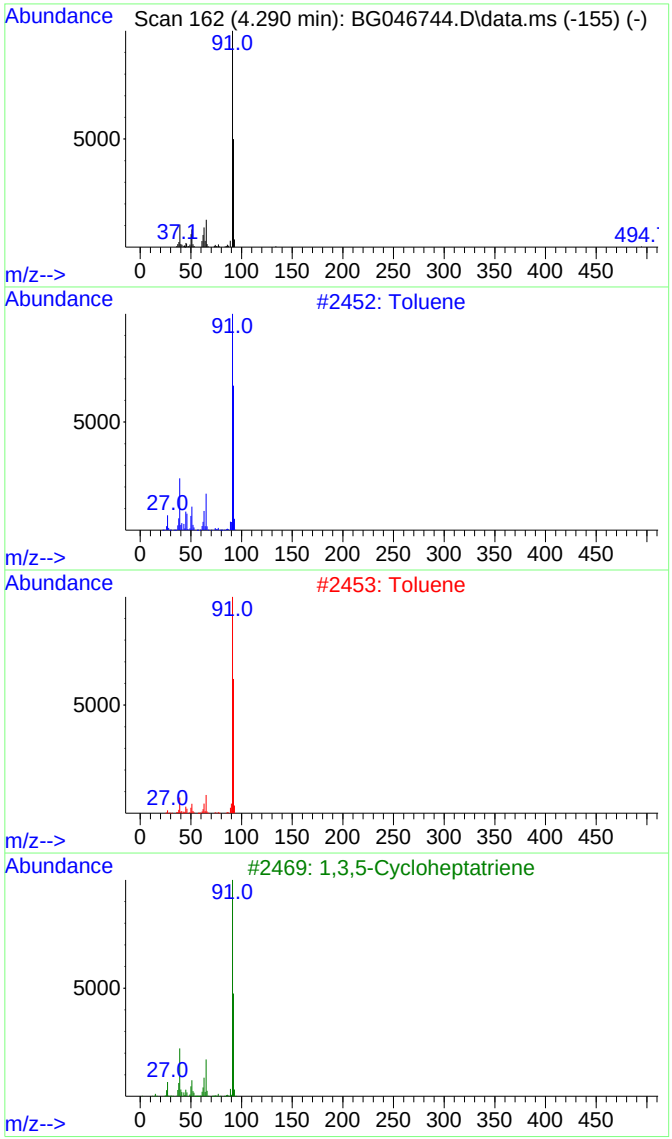
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

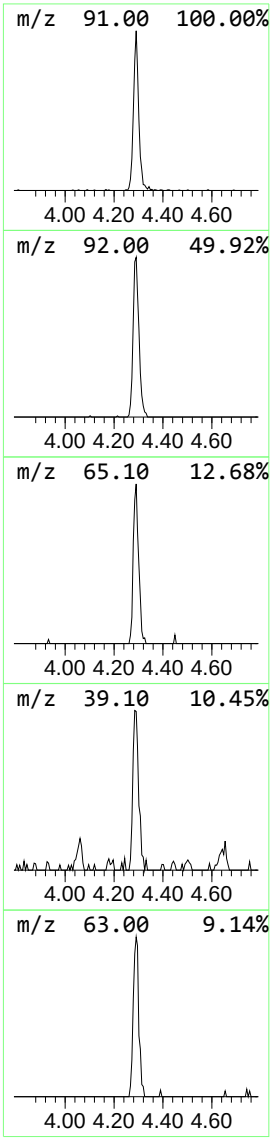
****

Peak Number 1 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.290	8.75 ng/ul	179780	1,4-Dichlorobenzene-d4	8.115

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	87
2	Toluene	92	C7H8	000108-88-3	86
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	83
4	Toluene	92	C7H8	000108-88-3	81
5	Toluene	92	C7H8	000108-88-3	81





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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
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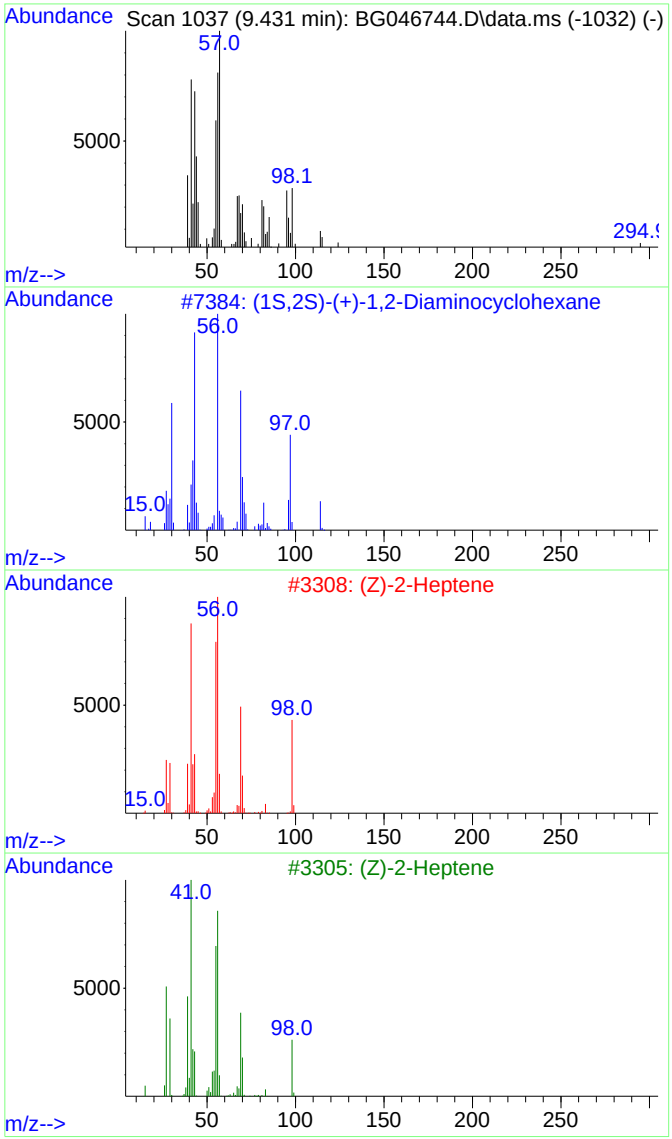
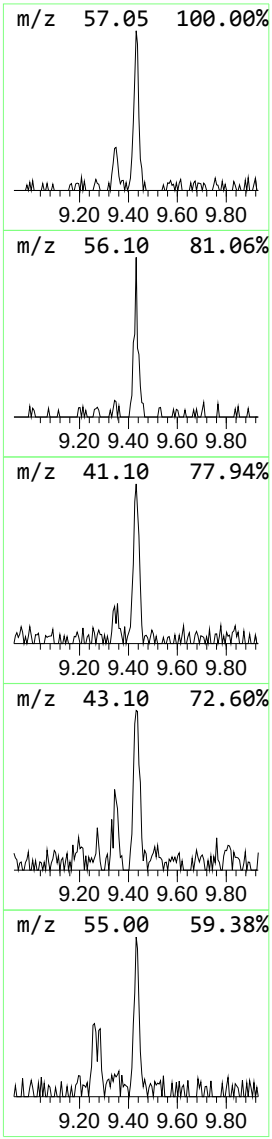
****

Peak Number 2 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.430	3.08 ng/ul	63371	1,4-Dichlorobenzene-d4	8.115

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S,2S)-(+)-1,2-Diaminocyclohexane	114	C6H14N2	021436-03-3	43
2	(Z)-2-Heptene	98	C7H14	006443-92-1	38
3	(Z)-2-Heptene	98	C7H14	006443-92-1	38
4	(Z)-3-Heptene	98	C7H14	007642-10-6	38
5	3-Heptene	98	C7H14	000592-78-9	35





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Quant Title : SVOA CALIBRATION

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

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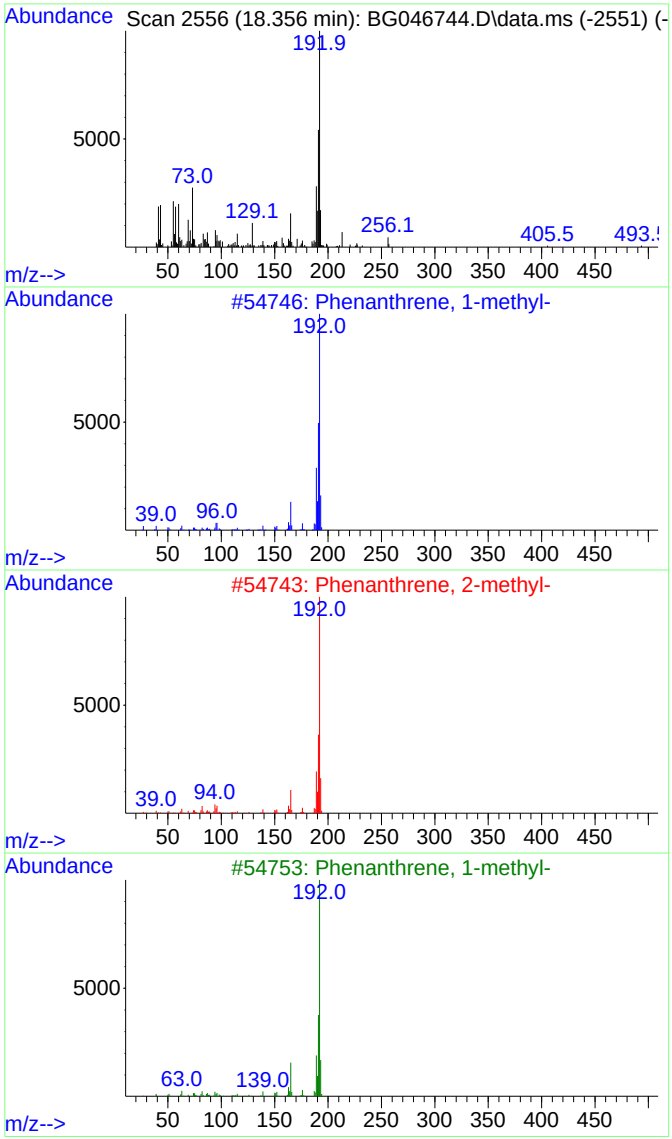
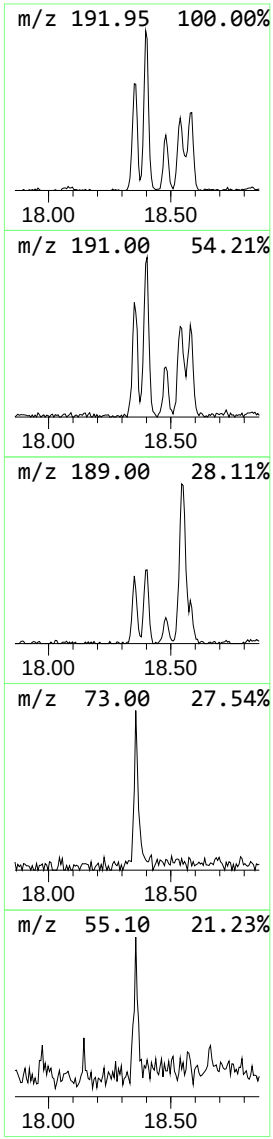
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.360	3.75 ng/ul	197481	Phenanthrene-d10	17.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K9

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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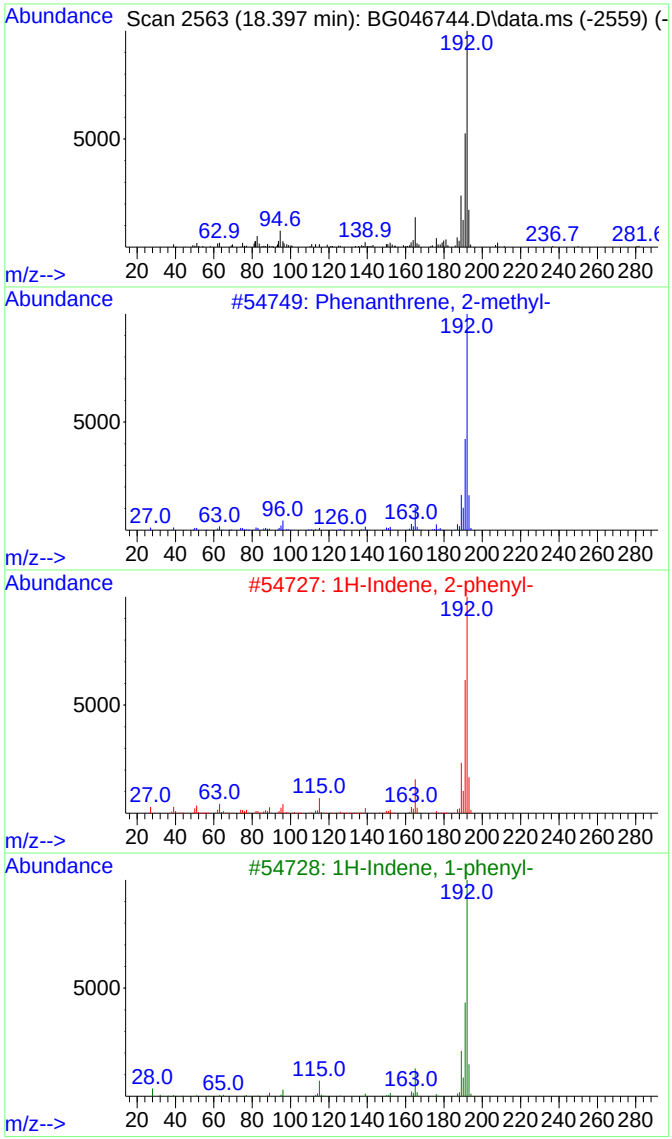
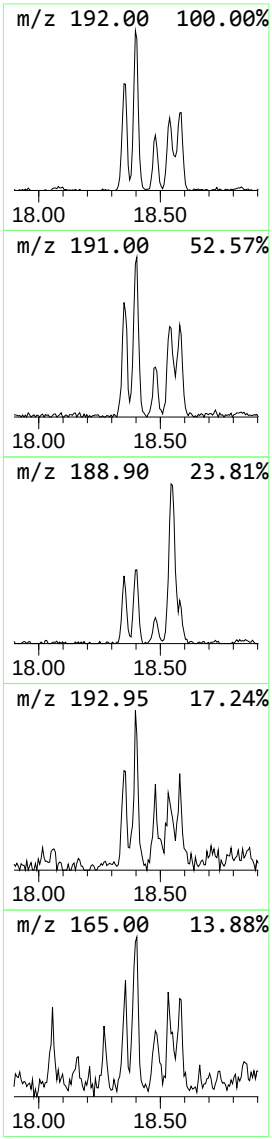
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.400	3.15 ng/ul	166055	Phenanthrene-d10	17.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046744.D
Acq On : 2 Oct 2020 19:42
Operator : CG/JU
Sample : L4151-06
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Instrument : BNA_G
ClientSampleId : CB7K9

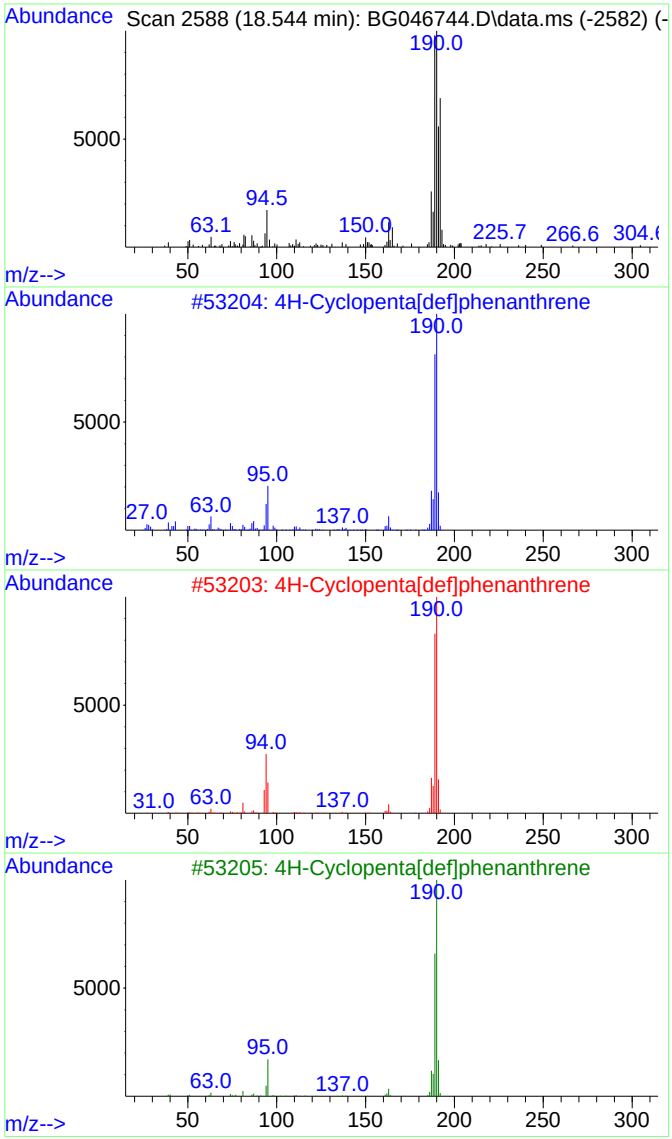
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

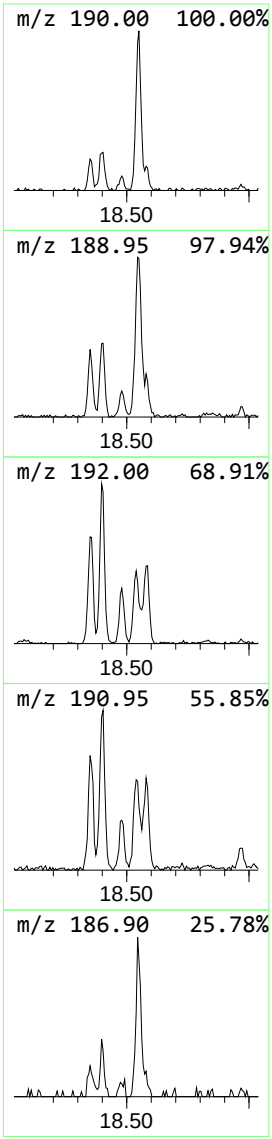
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.540	3.92 ng/ul	206408	Phenanthrene-d10	17.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	42
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046744.D
Acq On : 2 Oct 2020 19:42
Operator : CG/JU
Sample : L4151-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K9

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

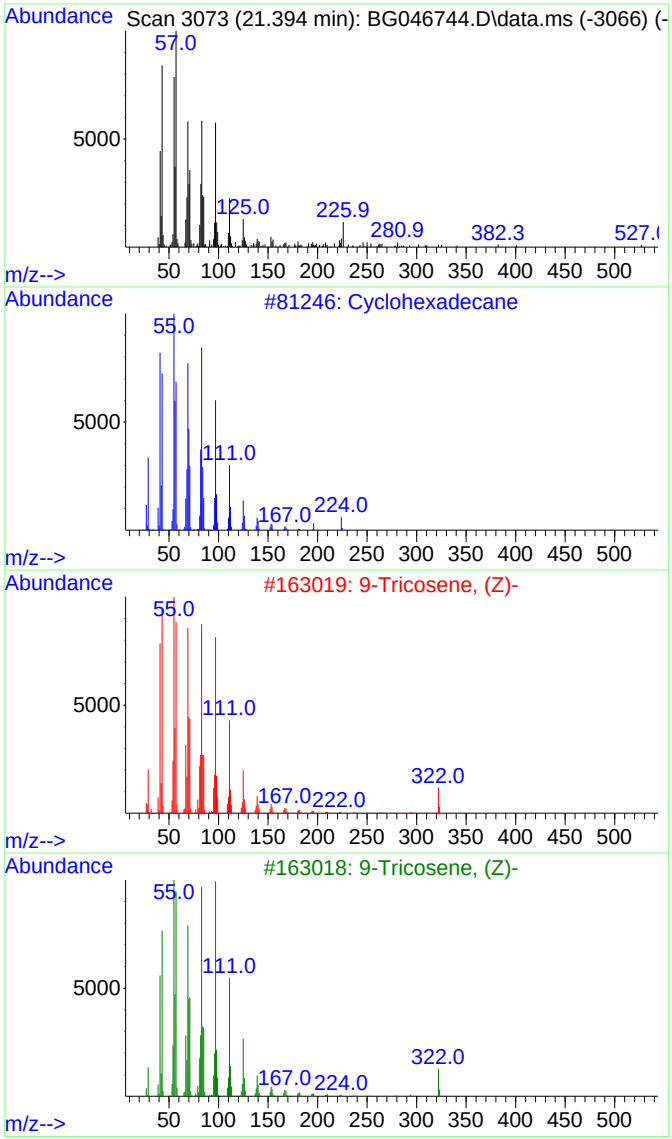
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

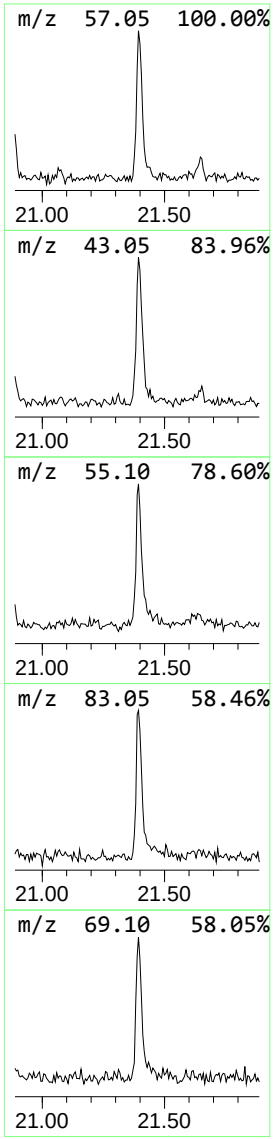
****

Peak Number 6 (DEL) Alkane: Cyclic21.39 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.390	4.24 ng/ul	441063	Chrysene-d12	21.752

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046744.D
Acq On : 2 Oct 2020 19:42
Operator : CG/JU
Sample : L4151-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7K9

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
Toluene	4.290	8.8	ng/ul	179780	1	8.115	410896	20.0
unknown-01	9.430	3.1	ng/ul	63371	1	8.115	410896	20.0
Phenanthrene, 1...	18.360	3.8	ng/ul	197481	4	17.475	1053550	20.0
Phenanthrene, 2...	18.400	3.1	ng/ul	166055	4	17.475	1053550	20.0
4H-Cyclopenta[d...	18.540	3.9	ng/ul	206408	4	17.475	1053550	20.0
(DEL) Alkane: C...	21.390	4.2	ng/ul	441063	5	21.752	2080700	20.0