LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047820.D
Acq On : 24 Dec 2020 6:02
Operator : CG/JU
Sample : L5149-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB898

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-BG120720MA.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	3.522	27	31	36	rVV2	10428	11769	0.76%	0.059%
2	4.309	158	165	172	rBV	37272	70719	4.56%	0.357%
3	4.674	222	227	232	rBV4	7555	15380	0.99%	0.078%
4	5.802	413	419	423	rBV3	8286	13860	0.89%	0.070%
5	6.178	479	483	487	rBV4	6260	8929	0.58%	0.045%
6	6.219	487	490	494	rVB2	6589	7675	0.50%	0.039%
7	7.335	673	680	689	rVB	254172	447059	28.84%	2.255%
8	7.511	704	710	718	rVB	140638	241326	15.57%	1.217%
9	7.723	739	746	755	rBV	244130	429924	27.73%	2.169%
10	8.199	820	827	834	rVV2	159046	275465	17.77%	1.389%
11	8.892	938	945	953	rBV2	299690	506914	32.70%	2.557%
12	9.368	1019	1026	1033	rVV	234486	423105	27.29%	2.134%
13	9.515	1047	1051	1056	rBV4	18139	27484	1.77%	0.139%
14	9.703	1079	1083	1088	rVB2	5825	7531	0.49%	0.038%
15	9.768	1088	1094	1102	rBV2	34812	53216	3.43%	0.268%
16	10.097	1142	1150	1157	rBV2	231715	426655	27.52%	2.152%
17	10.631	1234	1241	1251	rBV	326682	588000	37.93%	2.966%
18	11.025	1301	1308	1314	rBV	200212	352922	22.77%	1.780%
19	11.072	1314	1316	1322	rVV2	18264	32095	2.07%	0.162%
20	11.148	1322	1329	1339	rVB	270857	491432	31.70%	2.479%
21	11.936	1458	1463	1469	rBV4	3521	6161	0.40%	0.031%
22	12.412	1541	1544	1550	rVB2	5769	7492	0.48%	0.038%
23	12.547	1561	1567	1569	rBV	2955	4715	0.30%	0.024%
24	12.594	1569	1575	1579	rVB2	5700	10197	0.66%	0.051%
25	12.664	1583	1587	1591	rBV3	17519	24279	1.57%	0.122%
26	12.882	1618	1624	1629	rVB2	10949	15999	1.03%	0.081%
27	13.634	1748	1752	1755	rBV2	7595	11911	0.77%	0.060%
28	13.986	1807	1812	1813	rBV2	6216	7735	0.50%	0.039%
29	14.151	1833	1840	1843	rBV4	9378	18348	1.18%	0.093%
30	14.209	1843	1850	1856	rBV	538475	806685	52.04%	4.069%
31	14.515	1895	1902	1911	rVB	557056	909456	58.66%	4.587%
32	14.697	1929	1933	1936	rVB2	5732	8284	0.53%	0.042%
33	14.820	1944	1954	1960	rBV2	316261	510591	32.94%	2.575%
34	14.885	1960	1965	1972	rVB3	24075	39156	2.53%	0.198%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047820.D
Acq On : 24 Dec 2020 6:02
Operator : CG/JU
Sample : L5149-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB898

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-BG120720MA.M
Title : SVOA CALIBRATION

35	14.991	1977	1983	1993	rBV2	269651	436596	28.16%	2.202%
36	15.214	2015	2021	2026	rBV2	21012	38809	2.50%	0.196%
37	15.291	2029	2034	2036	rBV2	6617	8850	0.57%	0.045%
38	15.426	2051	2057	2061	rBV5	7926	14482	0.93%	0.073%
39	15.479	2064	2066	2071	rVB3	6012	7771	0.50%	0.039%
40	15.596	2083	2086	2089	rVV3	5063	5152	0.33%	0.026%
41	15.637	2089	2093	2098	rVB4	10149	10814	0.70%	0.055%
42	15.808	2116	2122	2127	rVV	703383	1078224	69.55%	5.439%
43	15.855	2127	2130	2135	rVV3	24660	41074	2.65%	0.207%
44	15.913	2135	2140	2150	rVV	269312	417325	26.92%	2.105%
45	15.978	2150	2151	2156	rVV4	6753	8496	0.55%	0.043%
46	16.037	2156	2161	2168	rVB7	12038	29334	1.89%	0.148%
47	16.148	2176	2180	2187	rVB4	15101	25577	1.65%	0.129%
48	16.295	2202	2205	2211	rVV3	11520	20645	1.33%	0.104%
49	16.342	2211	2213	2217	rVB4	6546	8139	0.53%	0.041%
50	16.501	2233	2240	2241	rBV4	8982	14515	0.94%	0.073%
51	16.583	2251	2254	2255	rBV2	4832	5023	0.32%	0.025%
52	16.659	2263	2267	2271	rVB4	5783	8765	0.57%	0.044%
53	16.789	2282	2289	2292	rBV4	4313	10339	0.67%	0.052%
54	16.836	2292	2297	2298	rBV2	7133	10269	0.66%	0.052%
55	16.859	2299	2301	2306	rVV6	11299	15293	0.99%	0.077%
56	16.900	2306	2308	2314	rVB6	6098	9897	0.64%	0.050%
57	17.083	2331	2339	2343	rBV6	12096	27999	1.81%	0.141%
58	17.124	2343	2346	2350	rVB3	8454	12339	0.80%	0.062%
59	17.206	2357	2360	2365	rVB4	20112	27349	1.76%	0.138%
60	17.288	2368	2374	2379	rBV8	20582	41591	2.68%	0.210%
61	17.376	2385	2389	2395	rVB	20650	33957	2.19%	0.171%
62	17.558	2413	2420	2424	rBV	420362	655750	42.30%	3.308%
63	17.600	2424	2427	2431	rVB	306819	395484	25.51%	1.995%
64	17.658	2431	2437	2442	rBV	696684	1068859	68.95%	5.391%
65	17.952	2483	2487	2492	rBV3	22854	34139	2.20%	0.172%
66	18.023	2497	2499	2504	rVB4	17260	18235	1.18%	0.092%
67	18.070	2504	2507	2510	rBV5	11766	12931	0.83%	0.065%
68	18.128	2515	2517	2526	rVB8	11449	23121	1.49%	0.117%
69	18.199	2526	2529	2533	rBV4	8579	9857	0.64%	0.050%
70	18.281	2538	2543	2544	rBV5	9575	13903	0.90%	0.070%
71	18.428	2562	2568	2572	rBV2	57972	93411	6.03%	0.471%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047820.D
Acq On : 24 Dec 2020 6:02
Operator : CG/JU
Sample : L5149-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB898

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-BG120720MA.M
Title : SVOA CALIBRATION

72	18.475	2572	2576	2583	rVB2	75733	121176	7.82%	0.611%
73	18.557	2586	2590	2594	rVB2	24063	34849	2.25%	0.176%
74	18.628	2595	2602	2605	rBV3	69685	147583	9.52%	0.744%
75	18.710	2613	2616	2621	rBV6	18117	30028	1.94%	0.151%
76	18.910	2647	2650	2655	rBV	37867	55921	3.61%	0.282%
77	19.157	2690	2692	2697	rVB4	17222	23437	1.51%	0.118%
78	19.327	2717	2721	2726	rVB2	51560	75883	4.89%	0.383%
79	19.392	2728	2732	2734	rBV5	23182	35426	2.29%	0.179%
80	19.468	2741	2745	2753	rVB4	37398	67093	4.33%	0.338%
81	19.591	2761	2766	2772	rVB	544436	796763	51.40%	4.019%
82	19.738	2787	2791	2792	rBV4	12331	15923	1.03%	0.080%
83	19.926	2816	2823	2826	rBV2	964178	1550268	100.00%	7.820%
84	20.020	2835	2839	2843	rVB2	36862	54580	3.52%	0.275%
85	20.261	2876	2880	2881	rBV4	48690	54209	3.50%	0.273%
86	20.432	2906	2909	2916	rVB3	105279	158772	10.24%	0.801%
87	20.531	2923	2926	2930	rBV	45107	60518	3.90%	0.305%
88	20.778	2966	2968	2978	rVB4	67245	103469	6.67%	0.522%
89	21.207	3037	3041	3045	rVB	58405	89122	5.75%	0.450%
90	21.436	3077	3080	3086	rBV	114093	162131	10.46%	0.818%
91	21.824	3138	3146	3152	rBV2	441945	1173200	75.68%	5.918%
92	21.877	3152	3155	3162	rVB	202294	327224	21.11%	1.651%
93	24.110	3529	3535	3542	rBV	135476	401895	25.92%	2.027%
94	24.251	3555	3559	3565	rBV6	59302	139046	8.97%	0.701%
95	24.868	3660	3664	3669	rBV3	50121	99184	6.40%	0.500%
96	24.956	3671	3679	3686	rVV	339868	891822	57.53%	4.498%
97	25.179	3709	3717	3726	rBV2	214593	619861	39.98%	3.127%
98	25.719	3803	3809	3821	rVB5	86387	243861	15.73%	1.230%
99	26.360	3911	3918	3931	rVB2	162480	515906	33.28%	2.602%
100	29.497	4441	4452	4469	rBV6	59362	269342	17.37%	1.359%

Sum of corrected areas: 19825275

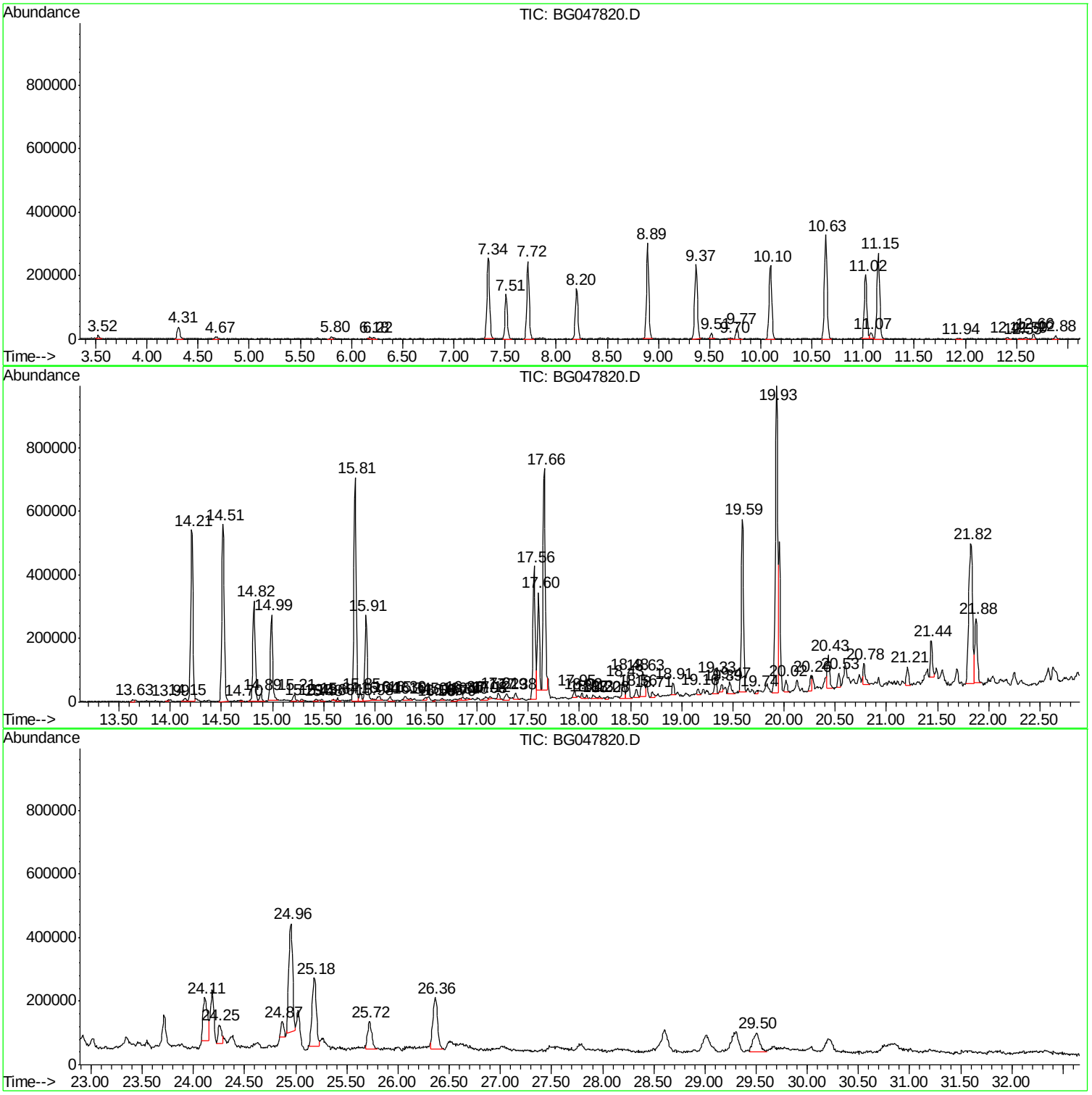
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047820.D
Acq On : 24 Dec 2020 6:02
Operator : CG/JU
Sample : L5149-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB898

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047820.D
Acq On : 24 Dec 2020 6:02
Operator : CG/JU
Sample : L5149-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB898

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

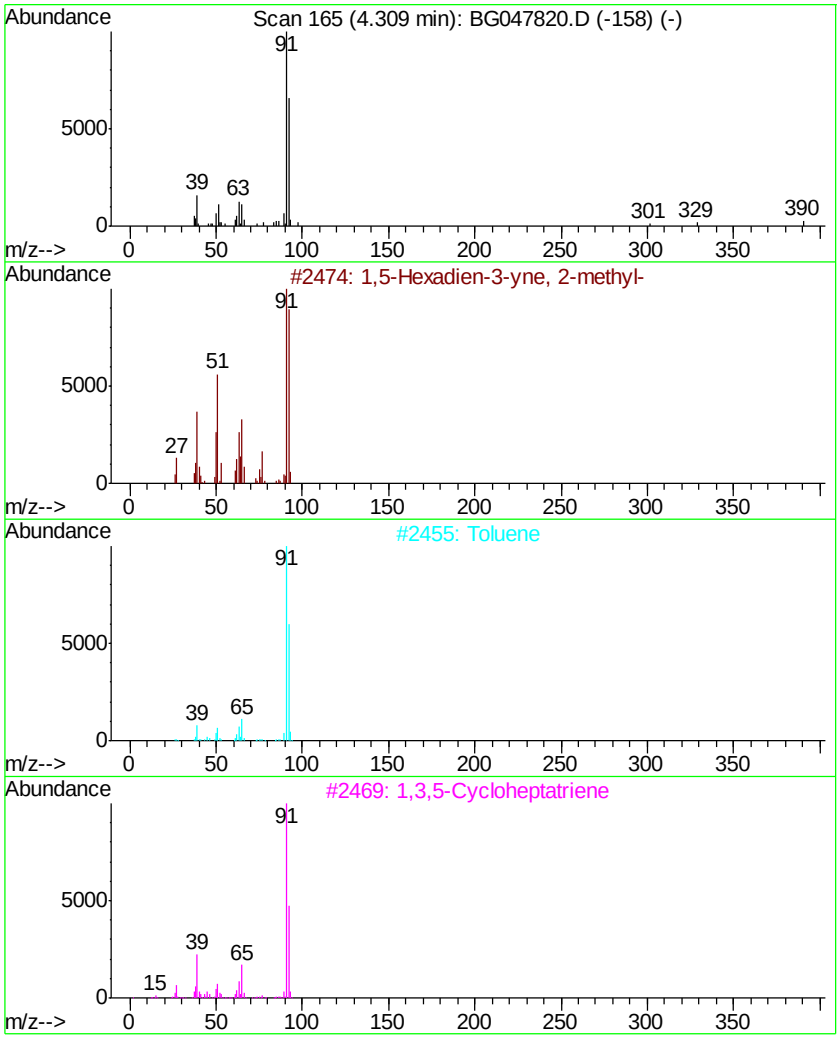
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

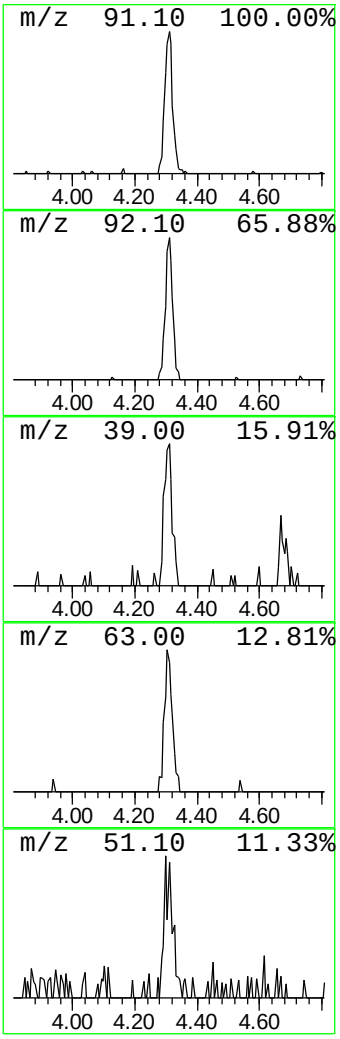
****

Peak Number 1 1,5-Hexadien-3-yne, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.31	5.13 ng/ul	70719	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Hexadien-3-yne, 2-methyl-	92	C7H8	000820-54-2	87
2	Toluene	92	C7H8	000108-88-3	83
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	72
4	1,5-Heptadien-3-yne	92	C7H8	003511-27-1	72
5	Toluene	92	C7H8	000108-88-3	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047820.D
Acq On : 24 Dec 2020 6:02
Operator : CG/JU
Sample : L5149-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB898

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

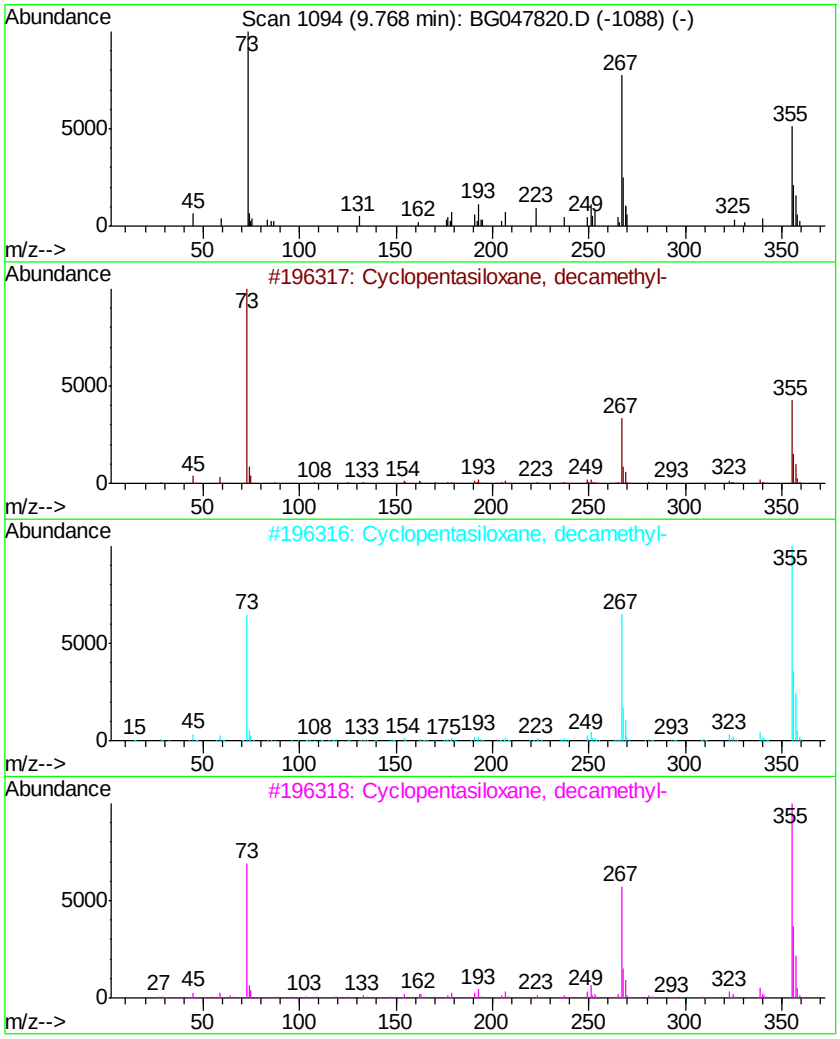
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

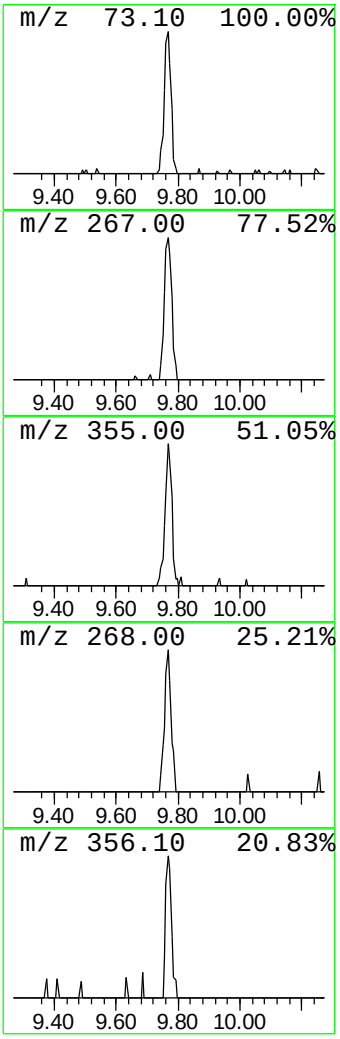
****

Peak Number 2 Cyclopentasiloxane, decamet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	3.02 ng/ul	53216	Naphthalene-d8	11.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	78
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	78
3	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	78
4	6-Chloro-2,3-dimethyl-4-phenylqu...	267	C17H14ClN	022609-11-6	43
5	6-Chloro-2-ethyl-4-phenylquinoline	267	C17H14ClN	022609-10-5	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047820.D
Acq On : 24 Dec 2020 6:02
Operator : CG/JU
Sample : L5149-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB898

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

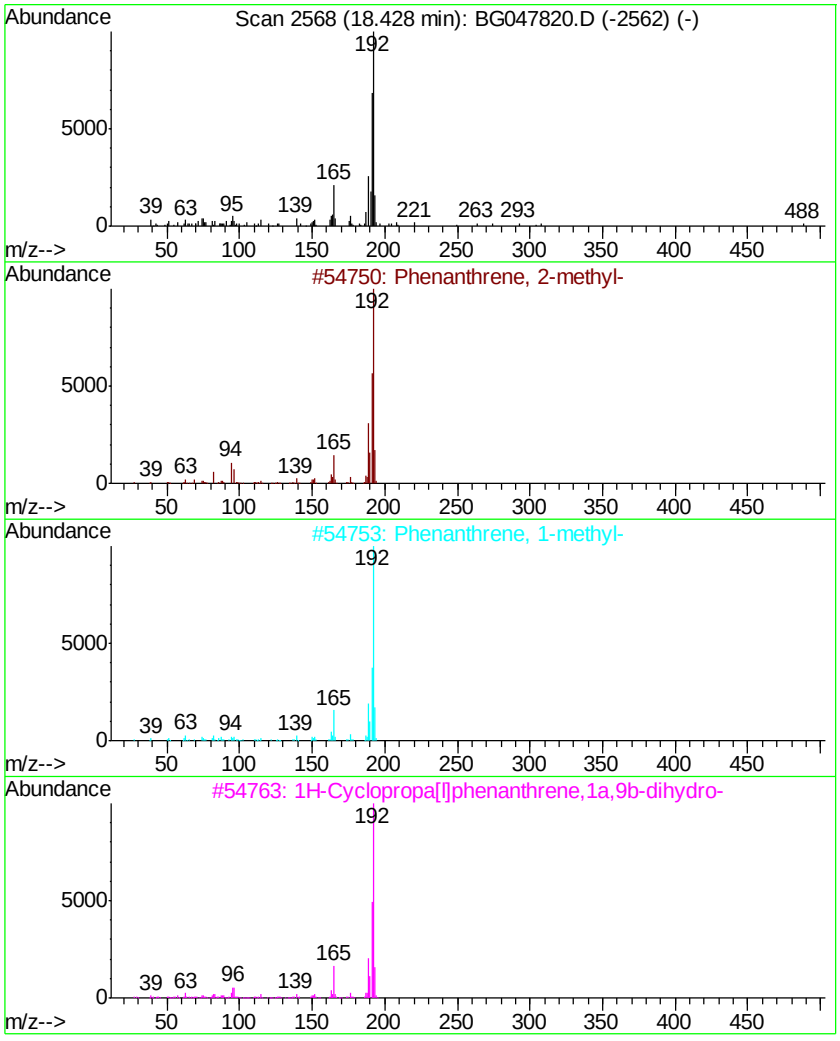
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

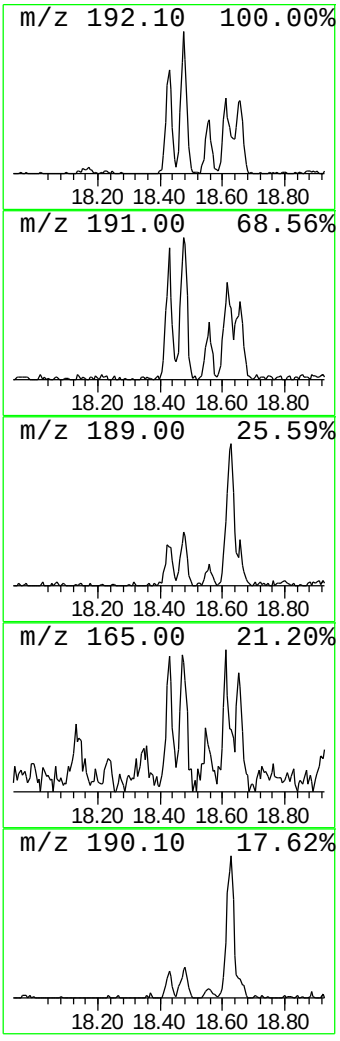
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	2.85 ng/ul	93411	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047820.D
Acq On : 24 Dec 2020 6:02
Operator : CG/JU
Sample : L5149-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB898

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

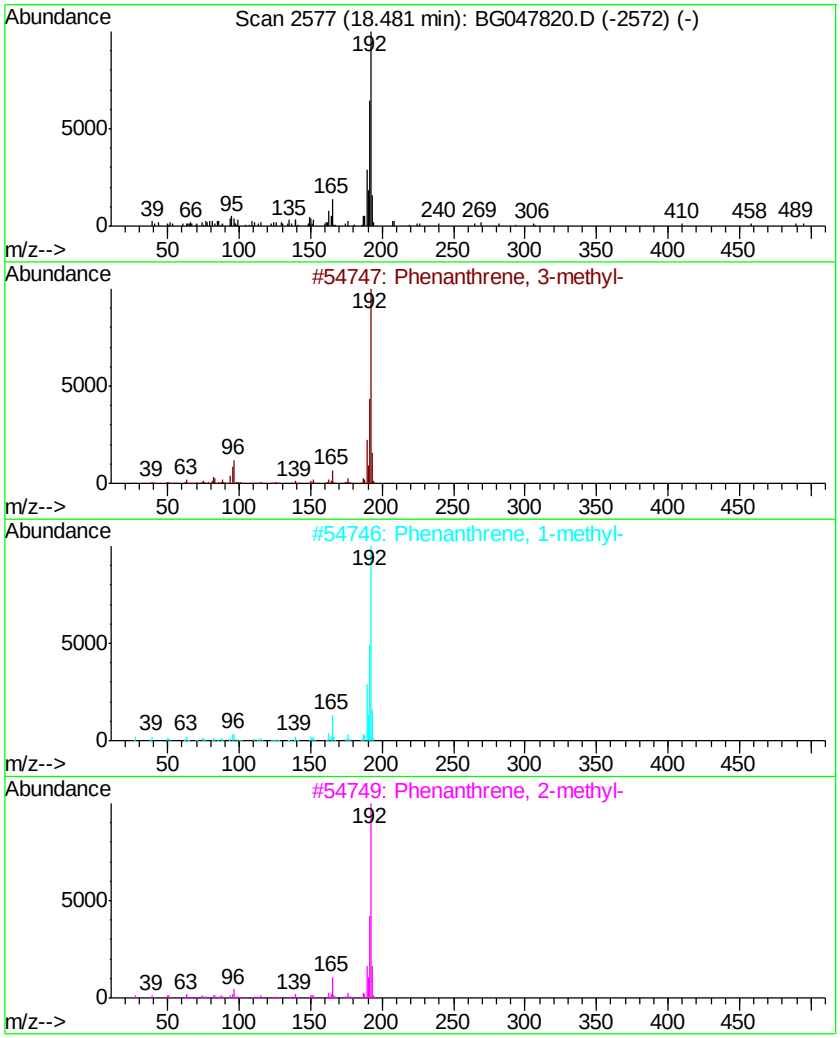
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

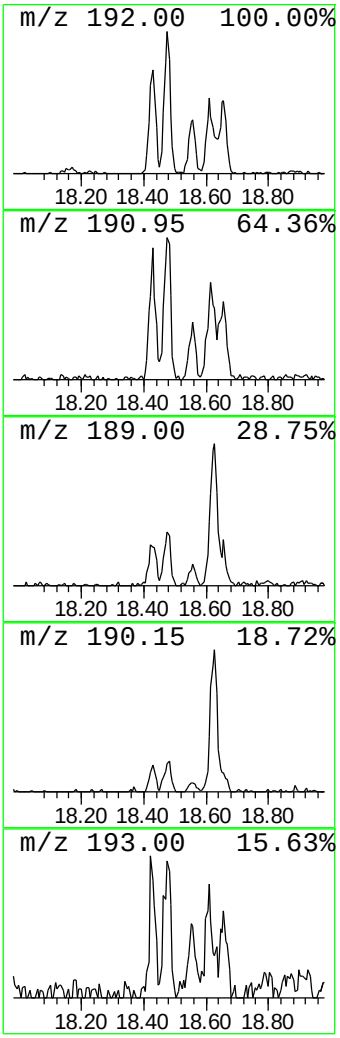
****

Peak Number 4 Phenanthrene, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	3.70 ng/ul	121176	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047820.D
Acq On : 24 Dec 2020 6:02
Operator : CG/JU
Sample : L5149-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB898

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

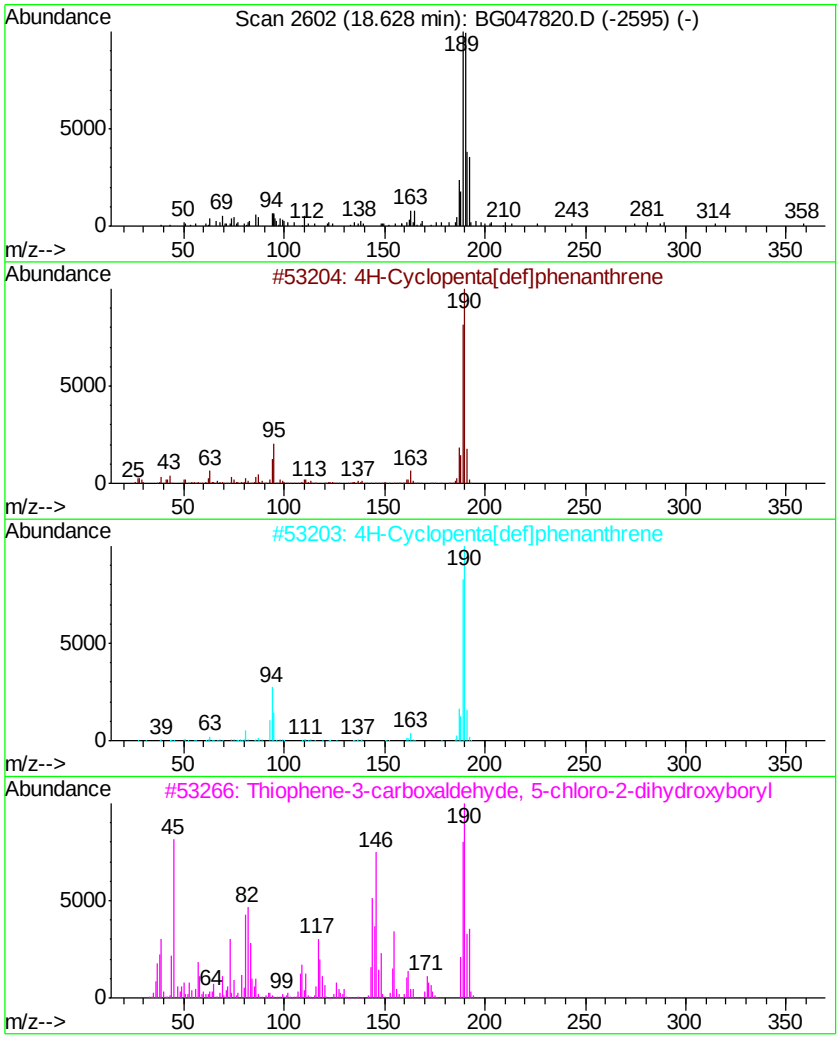
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

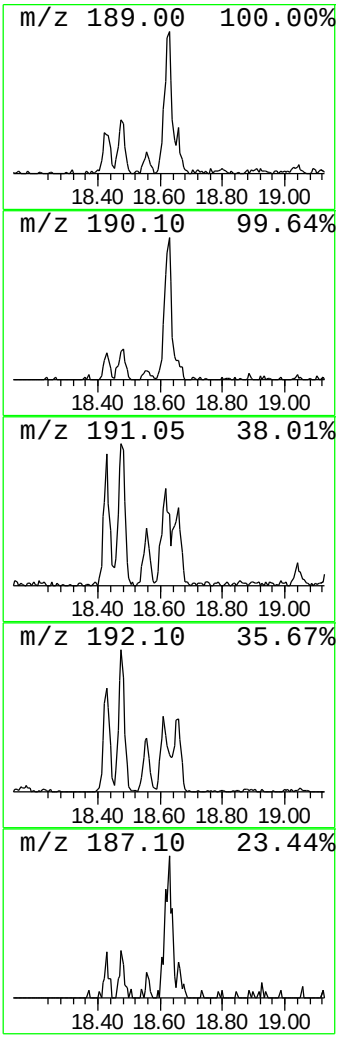
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	4.50 ng/ul	147583	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	64
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047820.D
Acq On : 24 Dec 2020 6:02
Operator : CG/JU
Sample : L5149-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB898

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

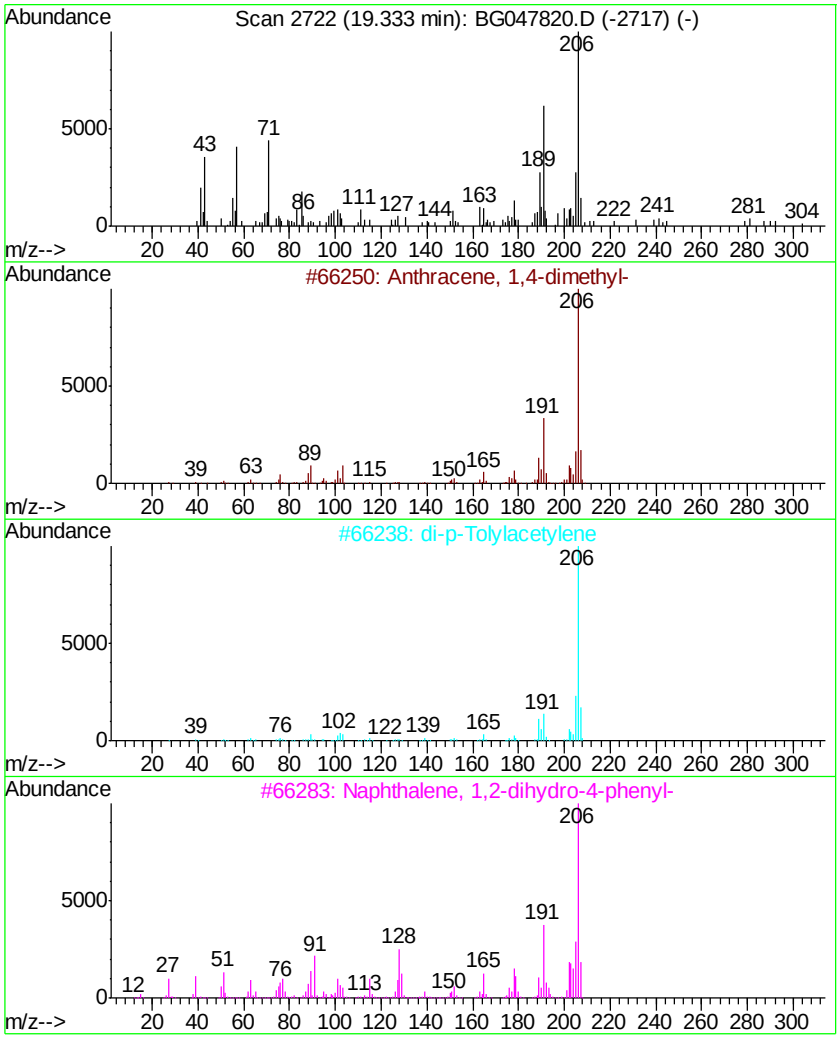
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

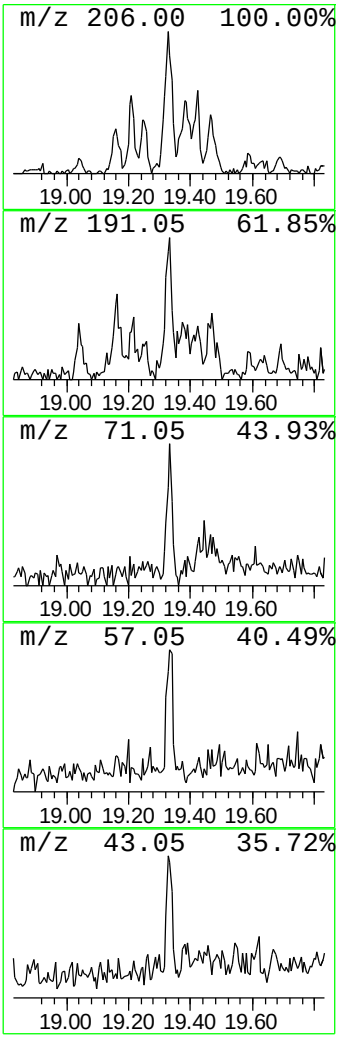
****

Peak Number 6 Anthracene, 1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	2.31 ng/ul	75883	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	62
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	58
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	58
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	53
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047820.D
Acq On : 24 Dec 2020 6:02
Operator : CG/JU
Sample : L5149-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB898

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

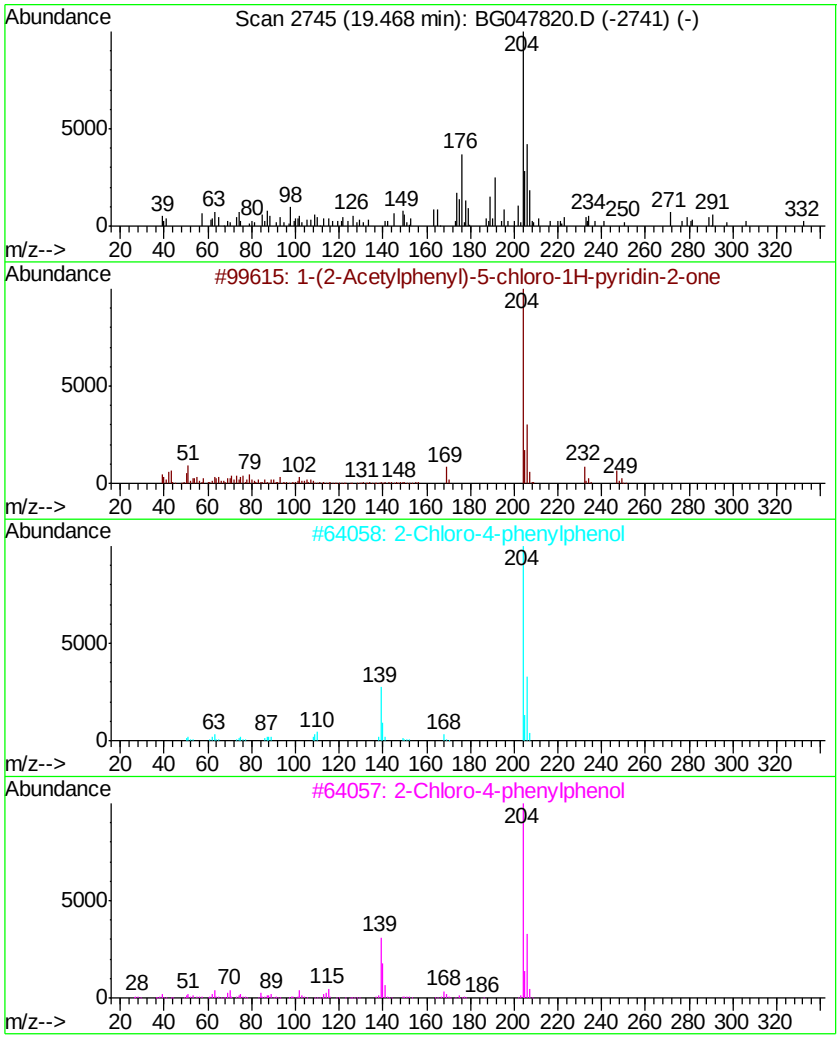
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

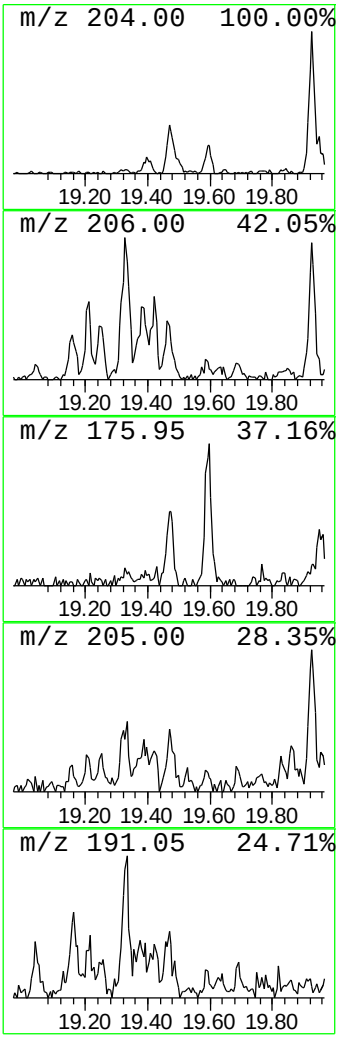
****

Peak Number 7 1-(2-Acetylphenyl)-5-chloro... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	2.05 ng/ul	67093	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Acetylphenyl)-5-chloro-1H-p...	247	C13H10ClNO2	1000306-71-0	50
2	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	49
3	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	47
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	47
5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047820.D
Acq On : 24 Dec 2020 6:02
Operator : CG/JU
Sample : L5149-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB898

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

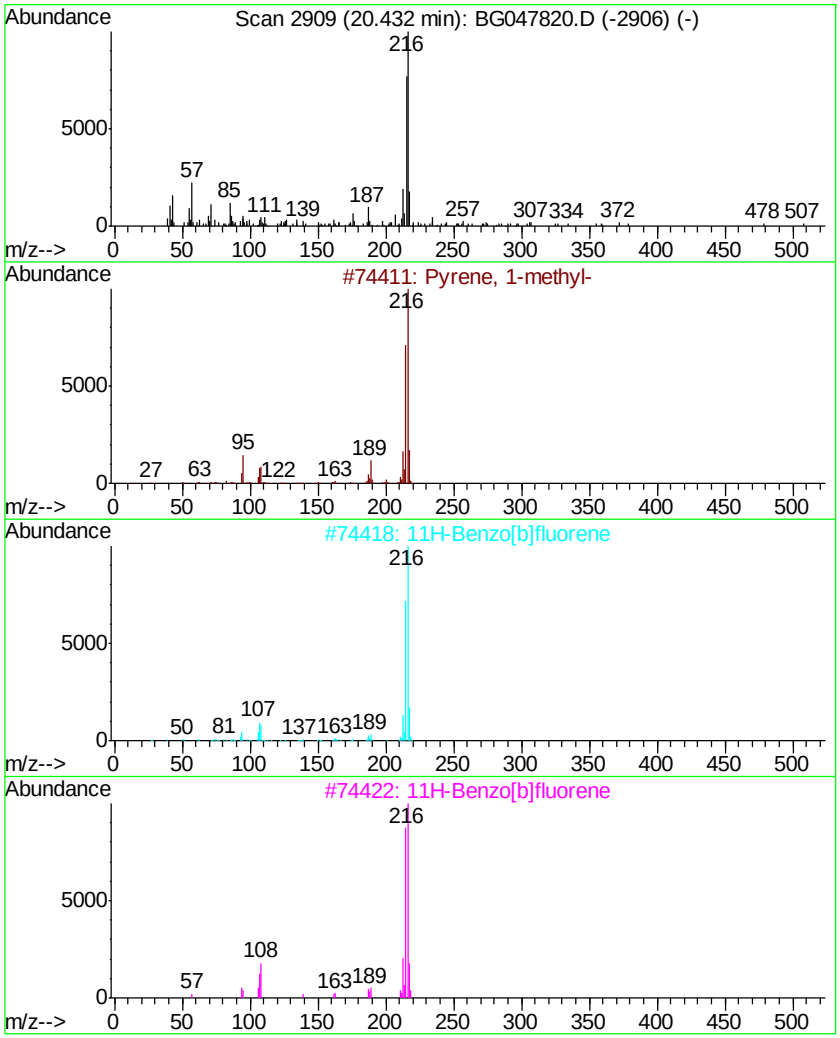
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

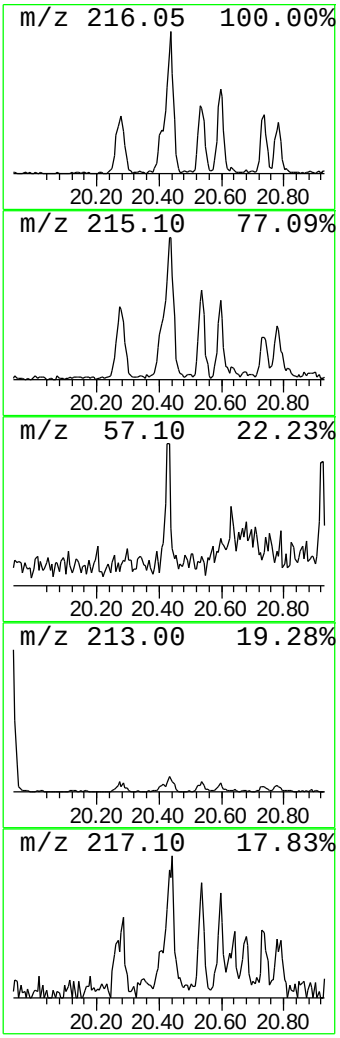
****

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	2.71 ng/ul	158772	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047820.D
Acq On : 24 Dec 2020 6:02
Operator : CG/JU
Sample : L5149-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB898

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

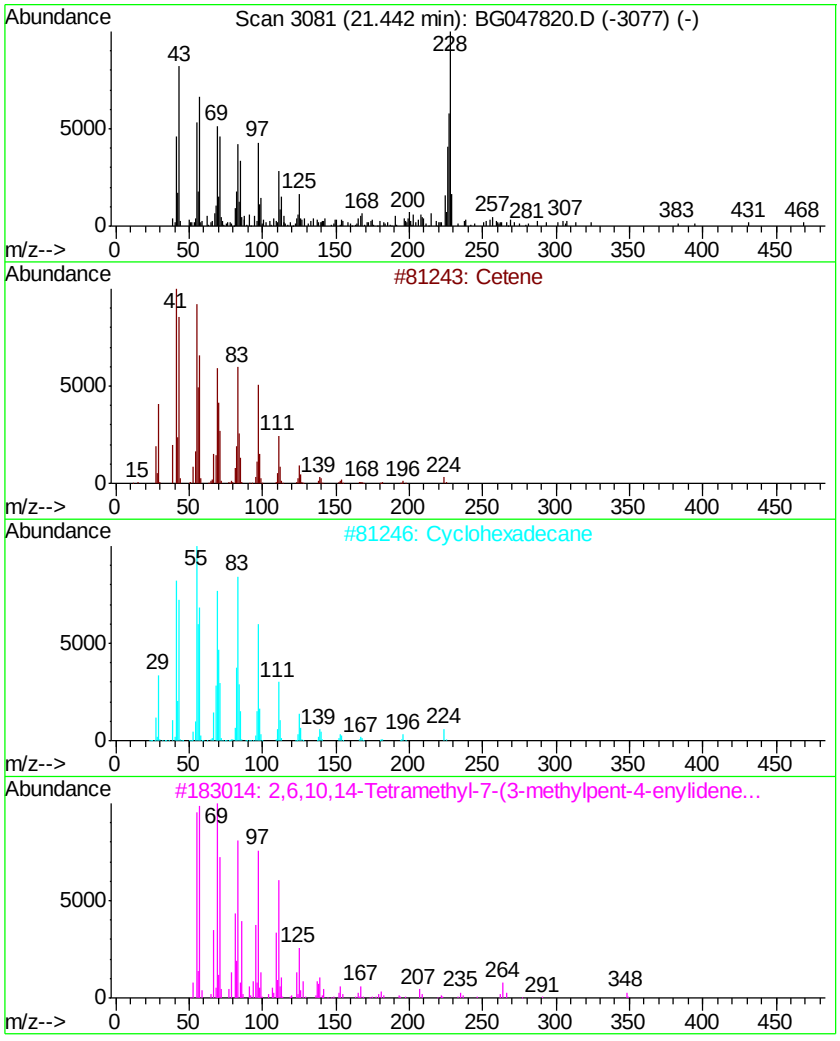
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

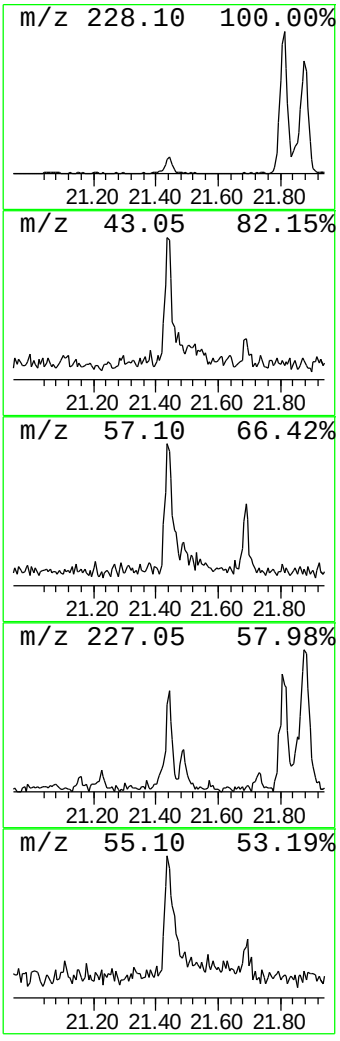
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	2.76 ng/ul	162131	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	93
2	Cyclohexadecane	224	C16H32	000295-65-8	43
3	2,6,10,14-Tetramethyl-7-(3-methy...	348	C25H48	1000370-41-6	38
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	35
5	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047820.D
Acq On : 24 Dec 2020 6:02
Operator : CG/JU
Sample : L5149-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB898

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

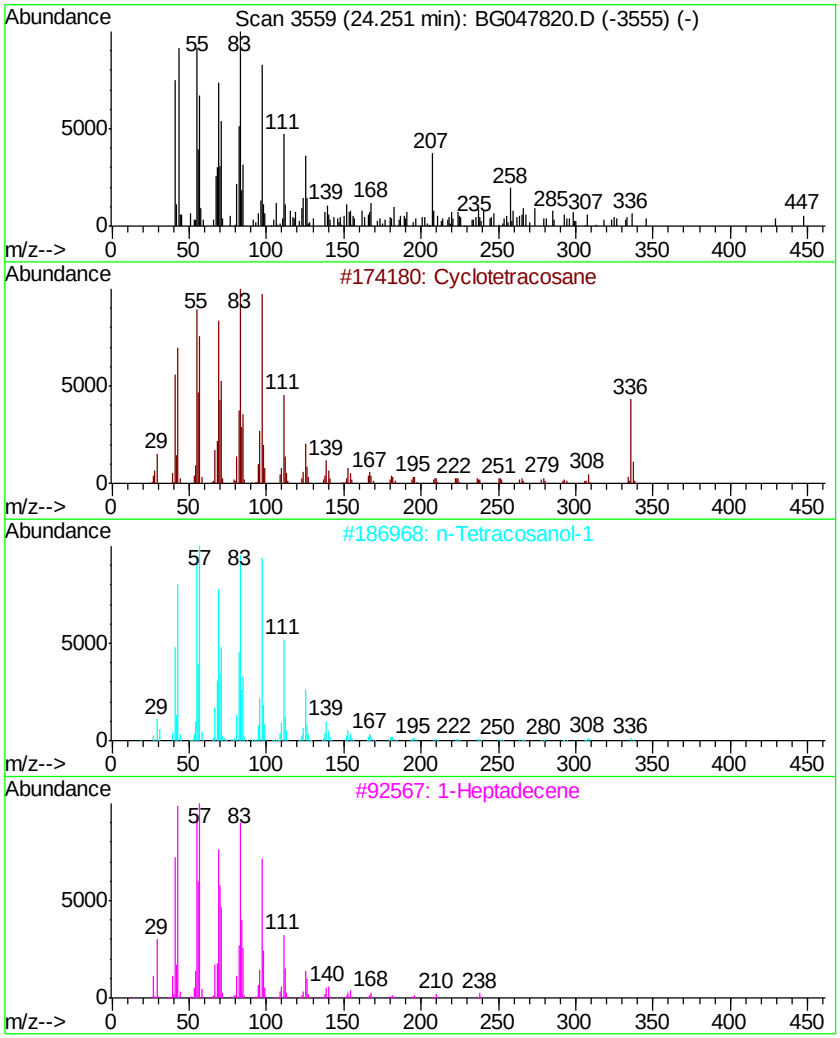
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

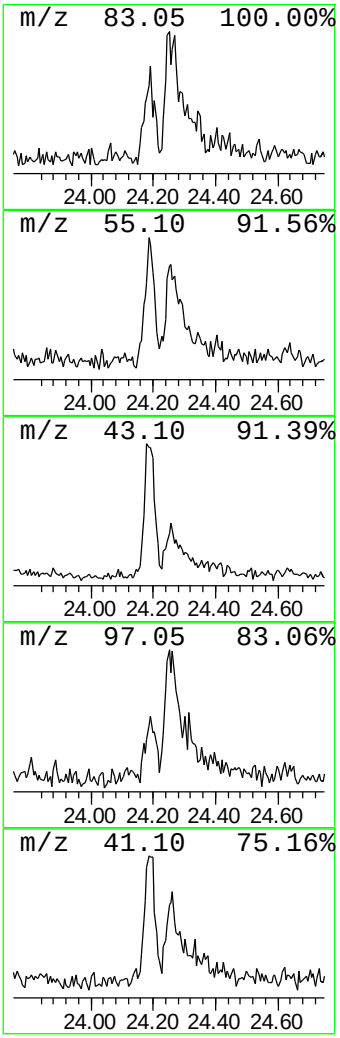
****

Peak Number 10 (DEL) Alkane: Cyclic24.25 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.25	4.49 ng/ul	139046	Perylene-d12	25.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	81
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	81
3	1-Heptadecene	238	C17H34	006765-39-5	76
4	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	74
5	4,4-Dimethylpent-2-enal	112	C7H12O	1000195-01-6	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047820.D
Acq On : 24 Dec 2020 6:02
Operator : CG/JU
Sample : L5149-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB898

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

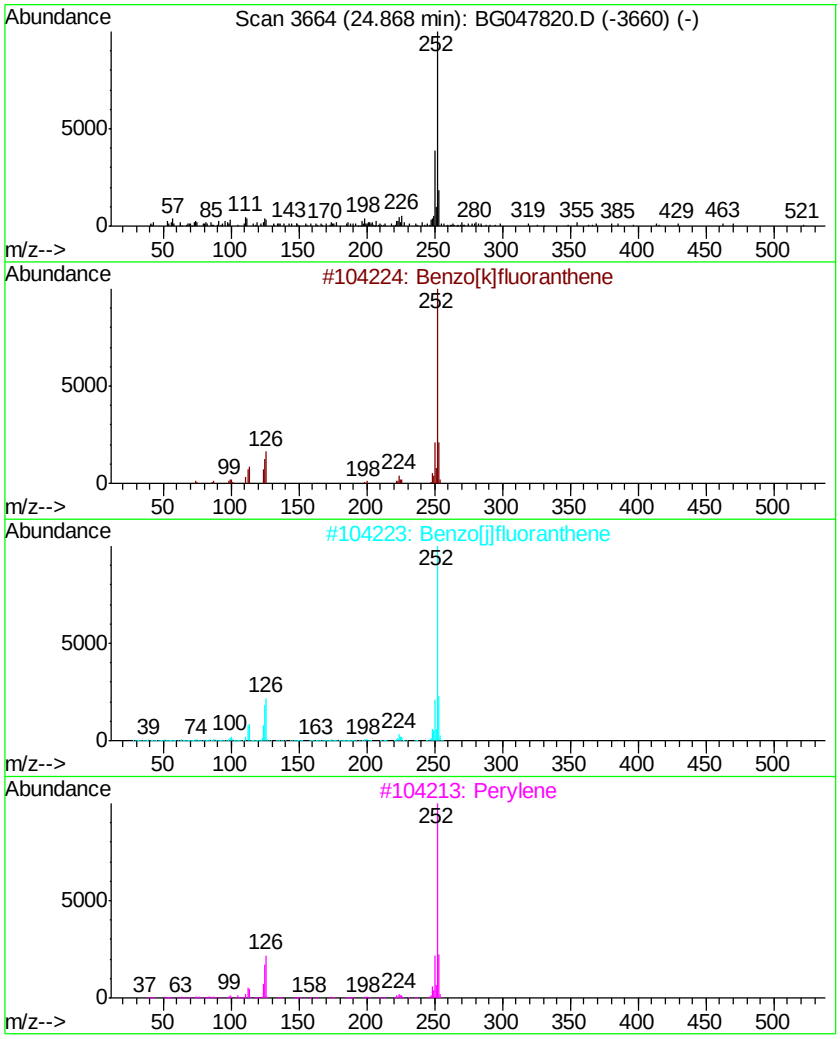
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

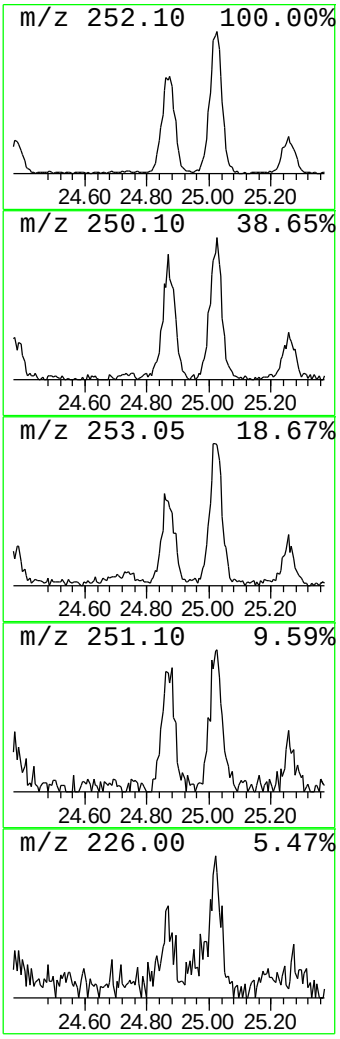
****

Peak Number 11 Benzo[j]fluoranthene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.87	3.20 ng/ul	99184	Perylene-d12	25.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	64
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	52
3	Perylene	252	C20H12	000198-55-0	52
4	Benzo[a]pyrene	252	C20H12	000050-32-8	52
5	Benzo[e]pyrene	252	C20H12	000192-97-2	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047820.D
Acq On : 24 Dec 2020 6:02
Operator : CG/JU
Sample : L5149-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB898

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

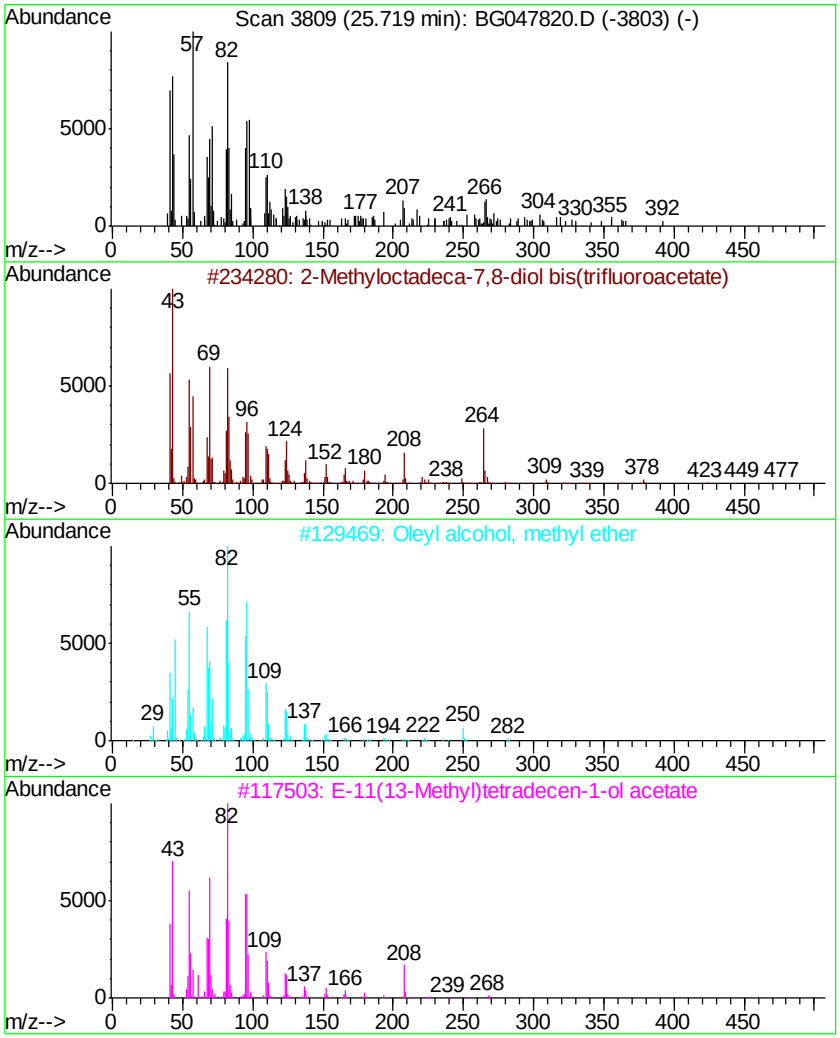
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

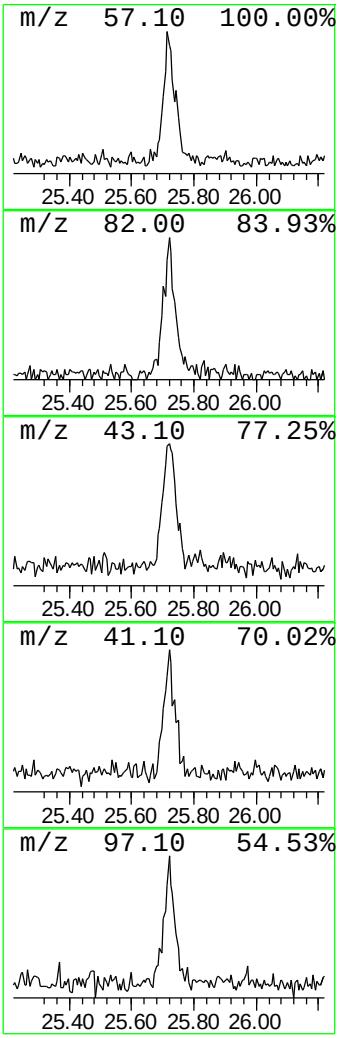
****

Peak Number 12 2-Methyloctadeca-7,8-diol b... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.72	7.87 ng/ul	243861	Perylene-d12	25.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyloctadeca-7,8-diol bis(tr...	492	C23H38F6O4	1000131-09-6	72
2	Oleyl alcohol, methyl ether	282	C19H38O	1000352-68-0	70
3	E-11(13-Methyl)tetradecen-1-ol a...	268	C17H32O2	1000130-80-4	70
4	Octadecanal	268	C18H36O	000638-66-4	62
5	Cyclododecanol	184	C12H24O	001724-39-6	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047820.D
Acq On : 24 Dec 2020 6:02
Operator : CG/JU
Sample : L5149-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB898

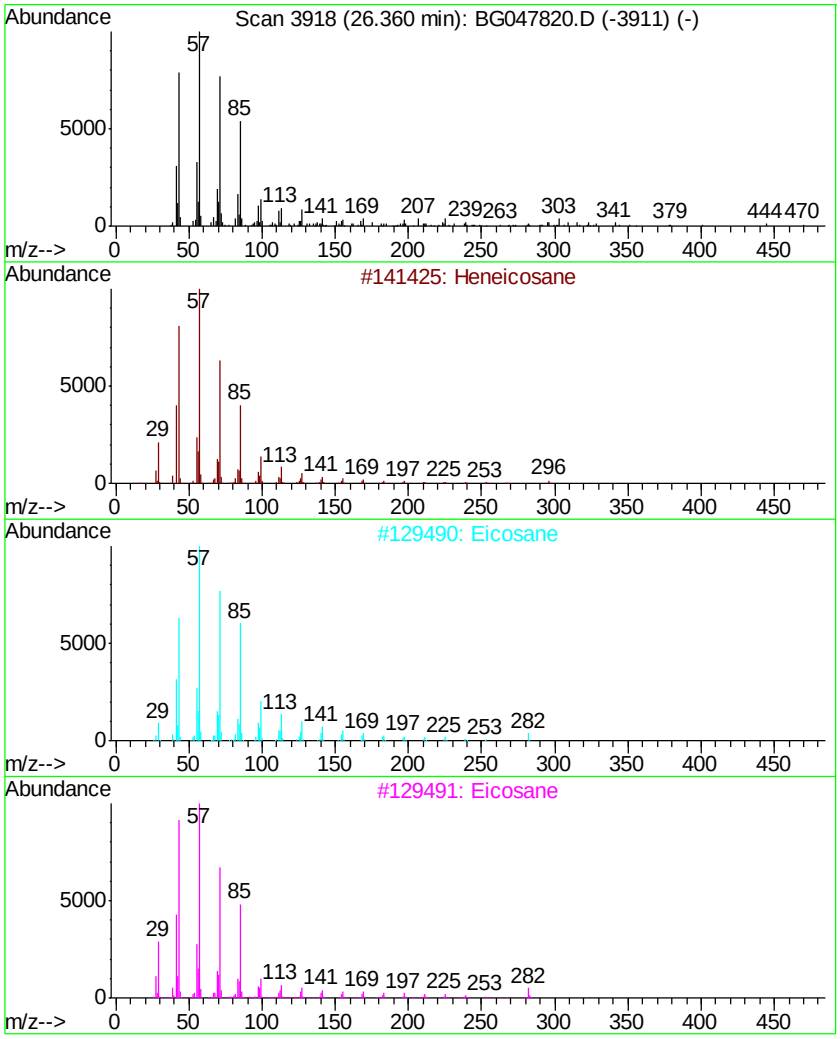
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

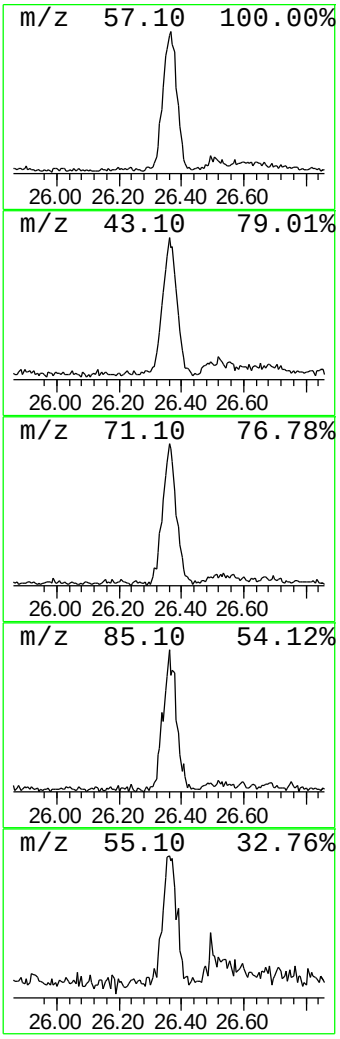
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.36	16.65 ng/ul	515906	Perylene-d12	25.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Eicosane	282	C20H42	000112-95-8	93
3	Eicosane	282	C20H42	000112-95-8	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122320\
Data File : BG047820.D
Acq On : 24 Dec 2020 6:02
Operator : CG/JU
Sample : L5149-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB898

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

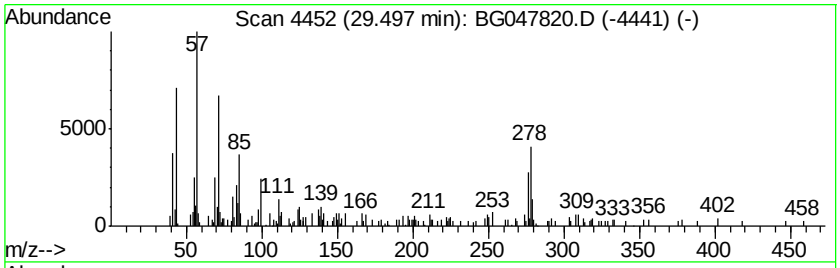
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

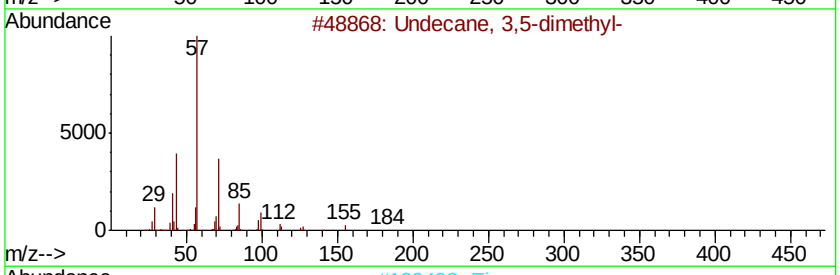
****

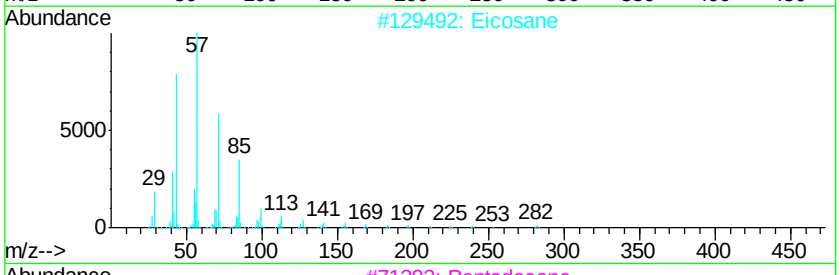
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 2

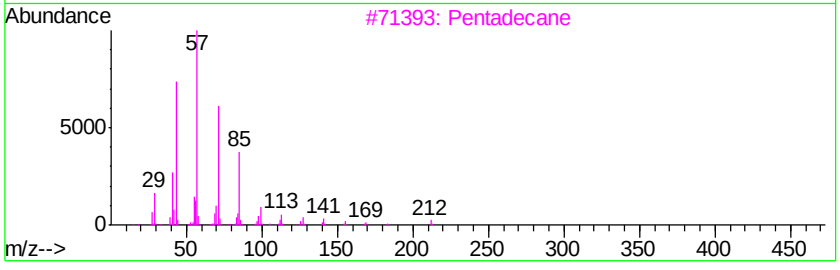
R.T.	EstConc	Area	Relative to ISTD	R.T.
29.50	8.69 ng/ul	269342	Perylene-d12	25.18

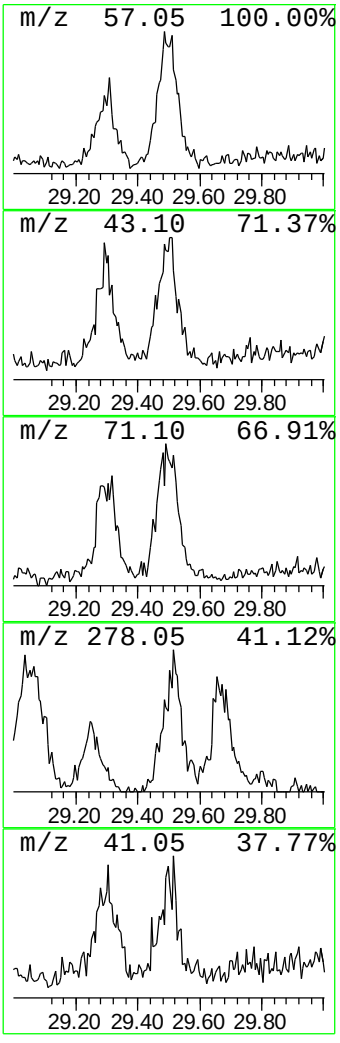
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	43
2	Eicosane	282	C20H42	000112-95-8	42
3	Pentadecane	212	C15H32	000629-62-9	38
4	Pentadecane	212	C15H32	000629-62-9	35
5	Heptadecane	240	C17H36	000629-78-7	30











Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122320\
Data File : BG047820.D
Acq On : 24 Dec 2020 6:02
Operator : CG/JU
Sample : L5149-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB898

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.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
1,5-Hexadien-3-yn...	4.31	5.1	ng/ul	70719	1	8.20	275465	20.0
Cyclopentasiloxan...	9.77	3.0	ng/ul	53216	2	11.02	352922	20.0
Phenanthrene, 2-m...	18.43	2.9	ng/ul	93411	4	17.56	655750	20.0
Phenanthrene, 3-m...	18.48	3.7	ng/ul	121176	4	17.56	655750	20.0
4H-Cyclopenta[def...	18.63	4.5	ng/ul	147583	4	17.56	655750	20.0
Anthracene, 1,4-d...	19.33	2.3	ng/ul	75883	4	17.56	655750	20.0
1-(2-Acetylphenyl...	19.47	2.0	ng/ul	67093	4	17.56	655750	20.0
Pyrene, 1-methyl-	20.43	2.7	ng/ul	158772	5	21.83	1173200	20.0
(DEL) Alkane: Str...	21.44	2.8	ng/ul	162131	5	21.83	1173200	20.0
(DEL) Alkane: Cyc...	24.25	4.5	ng/ul	139046	6	25.18	619861	20.0
Benzo[j]fluoranthene	24.87	3.2	ng/ul	99184	6	25.18	619861	20.0
2-Methyloctadeca-...	25.72	7.9	ng/ul	243861	6	25.18	619861	20.0
(DEL) Alkane: Str...	26.36	16.6	ng/ul	515906	6	25.18	619861	20.0
(DEL) Alkane: Str...	29.50	8.7	ng/ul	269342	6	25.18	619861	20.0