LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102020\
Data File : BG047004.D
Acq On : 20 Oct 2020 19:07
Operator : CG/JU
Sample : L4402-01
Misc : GCMS CONFIRMATION
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

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-BG101520MA.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	3.368	3	5	7	rBV3	4961	4688	0.47%	0.062%
2	3.409	7	12	17	rVB	590269	641476	63.98%	8.547%
3	3.491	24	26	30	rVB3	1780	2052	0.20%	0.027%
4	3.567	37	39	42	rBV2	1849	1874	0.19%	0.025%
5	3.720	61	65	66	rVV2	3097	3408	0.34%	0.045%
6	3.755	67	71	77	rVB	17111	22939	2.29%	0.306%
7	3.844	84	86	91	rVB2	1999	3280	0.33%	0.044%
8	4.137	132	136	139	rVV2	3034	5353	0.53%	0.071%
9	4.231	148	152	159	rVB3	5109	7611	0.76%	0.101%
10	4.419	178	184	185	rBV	1719	2120	0.21%	0.028%
11	4.590	211	213	217	rVB	1628	2023	0.20%	0.027%
12	4.790	243	247	249	rVB	1990	2430	0.24%	0.032%
13	5.083	293	297	300	rVB2	2082	2762	0.28%	0.037%
14	8.068	797	805	812	rBV	187907	320553	31.97%	4.271%
15	8.203	822	828	834	rVB3	5328	8575	0.86%	0.114%
16	10.877	1275	1283	1290	rBV	231126	417470	41.64%	5.562%
17	10.929	1290	1292	1297	rVV3	8429	10848	1.08%	0.145%
18	11.352	1360	1364	1367	rBB2	1743	2229	0.22%	0.030%
19	12.228	1510	1513	1517	rBV	1240	1928	0.19%	0.026%
20	12.287	1517	1523	1525	rBV2	1752	2121	0.21%	0.028%
21	12.528	1559	1564	1568	rBV2	4705	7673	0.77%	0.102%
22	12.686	1587	1591	1596	rBV2	1217	2674	0.27%	0.036%
23	12.751	1596	1602	1608	rVB3	6675	11173	1.11%	0.149%
24	13.515	1726	1732	1733	rBV3	1693	2454	0.24%	0.033%
25	13.726	1764	1768	1769	rBV2	2573	2698	0.27%	0.036%
26	13.879	1790	1794	1801	rVB4	12160	19374	1.93%	0.258%
27	14.020	1813	1818	1824	rVB4	5029	8240	0.82%	0.110%
28	14.073	1824	1827	1831	rBV2	3378	4541	0.45%	0.061%
29	14.261	1854	1859	1861	rBV3	3799	5780	0.58%	0.077%
30	14.696	1926	1933	1940	rVB2	377892	579348	57.79%	7.719%
31	14.754	1940	1943	1948	rBV2	3378	4903	0.49%	0.065%
32	15.095	1994	2001	2008	rBV3	23342	38072	3.80%	0.507%
33	15.172	2008	2014	2017	rBV4	2445	3038	0.30%	0.040%
34	15.318	2034	2039	2043	rBV4	2700	4781	0.48%	0.064%

LSC Area Percent Report

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Acq On : 20 Oct 2020 19:07
Operator : CG/JU
Sample : L4402-01
Misc : GCMS CONFIRMATION
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB4

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-BG101520MA.M
Title : SVOA CALIBRATION

35	15.365	2045	2047	2052	rVB	3539	2920	0.29%	0.039%
36	15.536	2074	2076	2081	rVB2	1621	2611	0.26%	0.035%
37	15.741	2105	2111	2117	rBV	35096	56129	5.60%	0.748%
38	15.900	2135	2138	2143	rVB2	5904	8470	0.84%	0.113%
39	15.947	2143	2146	2149	rBV	1990	2100	0.21%	0.028%
40	15.994	2149	2154	2156	rBV3	2813	3532	0.35%	0.047%
41	16.035	2156	2161	2166	rVB	8413	14025	1.40%	0.187%
42	16.182	2178	2186	2188	rBV2	12422	18504	1.85%	0.247%
43	16.270	2197	2201	2206	rVB4	2266	3477	0.35%	0.046%
44	16.388	2218	2221	2222	rBV2	2260	2013	0.20%	0.027%
45	16.693	2272	2273	2275	rBV2	2968	2679	0.27%	0.036%
46	16.740	2276	2281	2287	rVV4	6129	14911	1.49%	0.199%
47	16.793	2287	2290	2294	rVB2	3752	4479	0.45%	0.060%
48	16.887	2303	2306	2307	rBV	2860	2798	0.28%	0.037%
49	16.969	2315	2320	2324	rBV4	5182	8817	0.88%	0.117%
50	17.011	2324	2327	2330	rVB2	4605	4680	0.47%	0.062%
51	17.040	2330	2332	2335	rVB4	2161	2216	0.22%	0.030%
52	17.099	2339	2342	2345	rBV2	2652	4130	0.41%	0.055%
53	17.163	2349	2353	2354	rBV2	6270	6813	0.68%	0.091%
54	17.257	2364	2369	2378	rVB	19401	29288	2.92%	0.390%
55	17.381	2388	2390	2393	rBV2	1974	1954	0.19%	0.026%
56	17.439	2393	2400	2404	rBV	454676	711677	70.98%	9.482%
57	17.481	2404	2407	2414	rVB	441835	622644	62.10%	8.296%
58	17.575	2420	2423	2426	rVB2	8756	10318	1.03%	0.137%
59	17.616	2427	2430	2434	rVV4	3956	4950	0.49%	0.066%
60	17.768	2454	2456	2459	rVB	2511	2387	0.24%	0.032%
61	17.839	2464	2468	2469	rBV2	3047	3018	0.30%	0.040%
62	17.904	2477	2479	2480	rBV2	3272	2176	0.22%	0.029%
63	17.921	2480	2482	2485	rVB3	2820	1880	0.19%	0.025%
64	17.956	2485	2488	2494	rVB4	5908	9312	0.93%	0.124%
65	18.021	2495	2499	2503	rBV4	8384	13892	1.39%	0.185%
66	18.156	2519	2522	2527	rVB3	6826	9518	0.95%	0.127%
67	18.244	2536	2537	2540	rBV3	3622	4002	0.40%	0.053%
68	18.315	2544	2549	2553	rVV2	52174	80349	8.01%	1.071%
69	18.362	2553	2557	2562	rVB	71918	100100	9.98%	1.334%
70	18.462	2572	2574	2575	rBV2	2413	2097	0.21%	0.028%
71	18.503	2575	2581	2585	rVV2	57572	98600	9.83%	1.314%

LSC Area Percent Report

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Acq On : 20 Oct 2020 19:07
Operator : CG/JU
Sample : L4402-01
Misc : GCMS CONFIRMATION
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

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-BG101520MA.M
Title : SVOA CALIBRATION

72	18.544	2585	2588	2596	rVB2	34059	53631	5.35%	0.715%
73	18.609	2598	2599	2601	rBV2	4773	3084	0.31%	0.041%
74	18.808	2628	2633	2642	rVB	41750	66843	6.67%	0.891%
75	18.879	2642	2645	2646	rBV3	3402	3685	0.37%	0.049%
76	18.932	2652	2654	2656	rVB3	5700	4122	0.41%	0.055%
77	19.049	2671	2674	2678	rVB4	11403	15130	1.51%	0.202%
78	19.102	2680	2683	2687	rVV2	12323	15995	1.60%	0.213%
79	19.143	2687	2690	2694	rVB5	9091	13083	1.30%	0.174%
80	19.226	2700	2704	2709	rBV3	21111	30350	3.03%	0.404%
81	19.278	2709	2713	2716	rBV5	11659	17055	1.70%	0.227%
82	19.314	2717	2719	2722	rBV3	10758	10425	1.04%	0.139%
83	19.484	2742	2748	2754	rBV	440160	640110	63.85%	8.529%
84	19.549	2755	2759	2762	rBV4	11423	16452	1.64%	0.219%
85	19.625	2768	2772	2778	rVB7	20116	26149	2.61%	0.348%
86	19.813	2799	2804	2807	rBV	61189	91821	9.16%	1.223%
87	19.848	2807	2810	2817	rVB	83777	115974	11.57%	1.545%
88	19.919	2817	2822	2827	rBV2	25033	37897	3.78%	0.505%
89	20.025	2838	2840	2845	rVB	14659	15449	1.54%	0.206%
90	20.183	2861	2867	2872	rVB6	31190	57262	5.71%	0.763%
91	20.336	2883	2893	2897	rBV4	78419	148885	14.85%	1.984%
92	20.442	2907	2911	2913	rBV2	17140	23894	2.38%	0.318%
93	20.530	2924	2926	2930	rVB4	14962	16455	1.64%	0.219%
94	20.600	2935	2938	2943	rVB2	62991	73646	7.35%	0.981%
95	20.765	2962	2966	2970	rBV7	16012	27737	2.77%	0.370%
96	20.900	2986	2989	2990	rBV3	17040	17876	1.78%	0.238%
97	20.924	2991	2993	2997	rVB5	36158	43197	4.31%	0.576%
98	21.329	3058	3062	3066	rBV2	31469	43855	4.37%	0.584%
99	21.705	3118	3126	3131	rBV3	513054	1002591	100.00%	13.358%
100	24.942	3669	3677	3690	rVB2	292796	838916	83.67%	11.177%

Sum of corrected areas: 7505524

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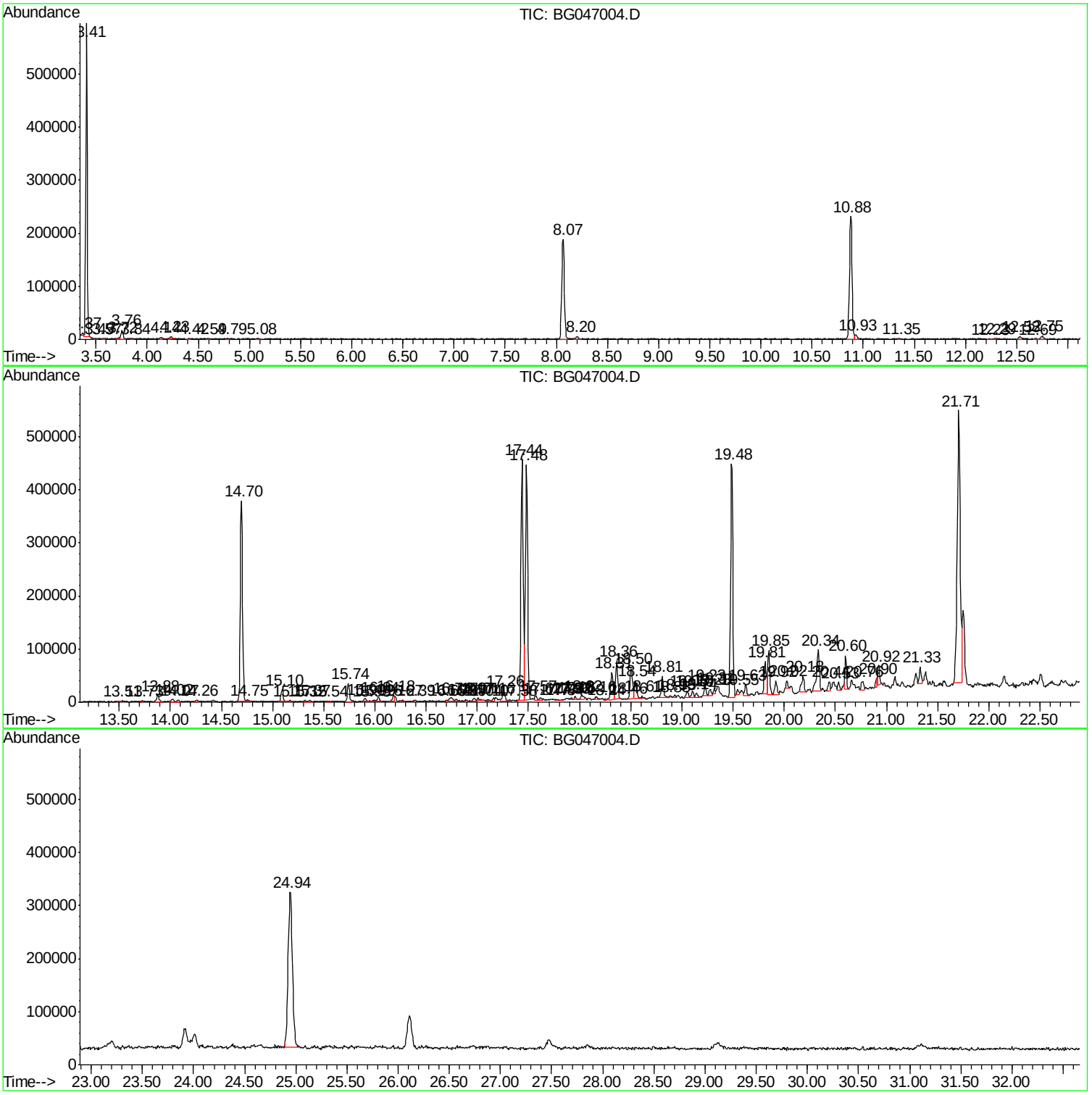
Acq On : 20 Oct 2020 19:07
Operator : CG/JU
Sample : L4402-01
Misc : GCMS CONFIRMATION
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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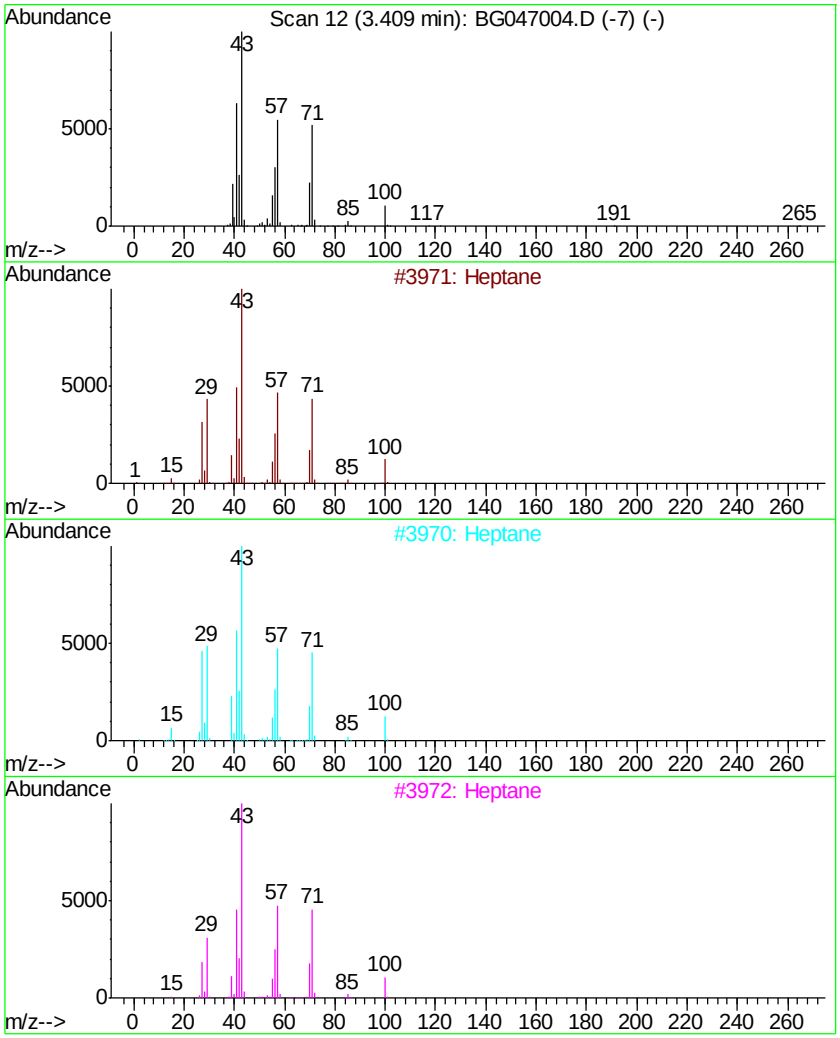
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

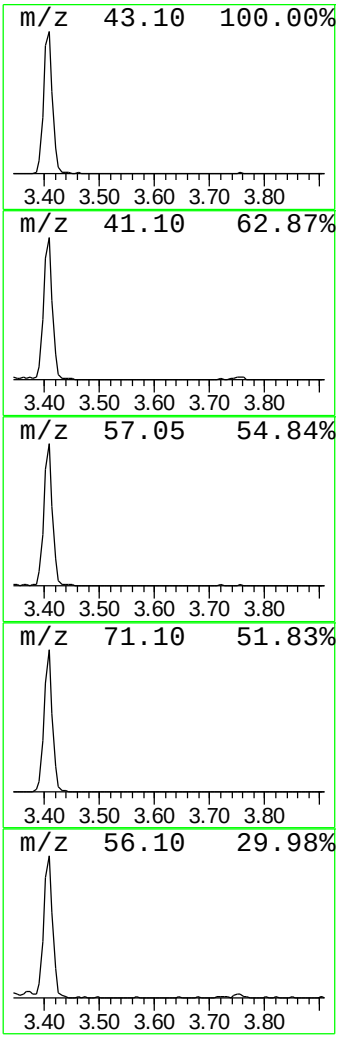
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.41	40.02 ng/ul	641476	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	80
5	Oxirane-2-carboxylic acid, methy...	102	C4H6O3	004538-50-5	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102020\
Data File : BG047004.D
Acq On : 20 Oct 2020 19:07
Operator : CG/JU
Sample : L4402-01
Misc : GCMS CONFIRMATION
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

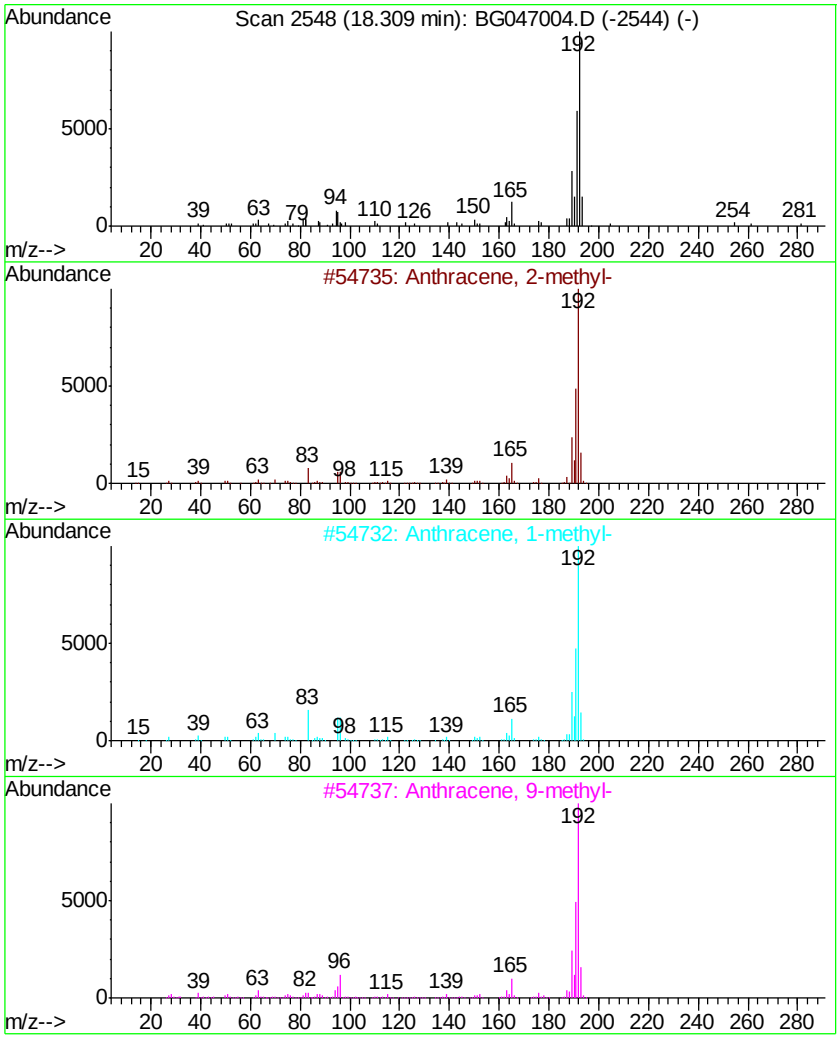
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

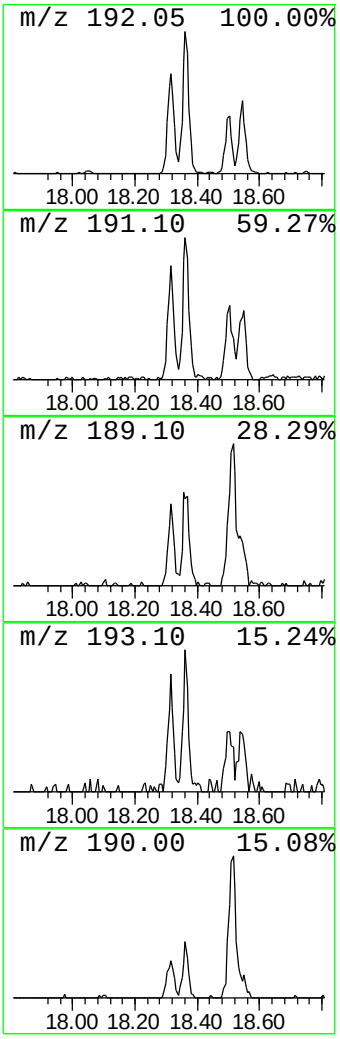
****

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.26 ng/ul	80349	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89





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Sample : L4402-01
Misc : GCMS CONFIRMATION
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

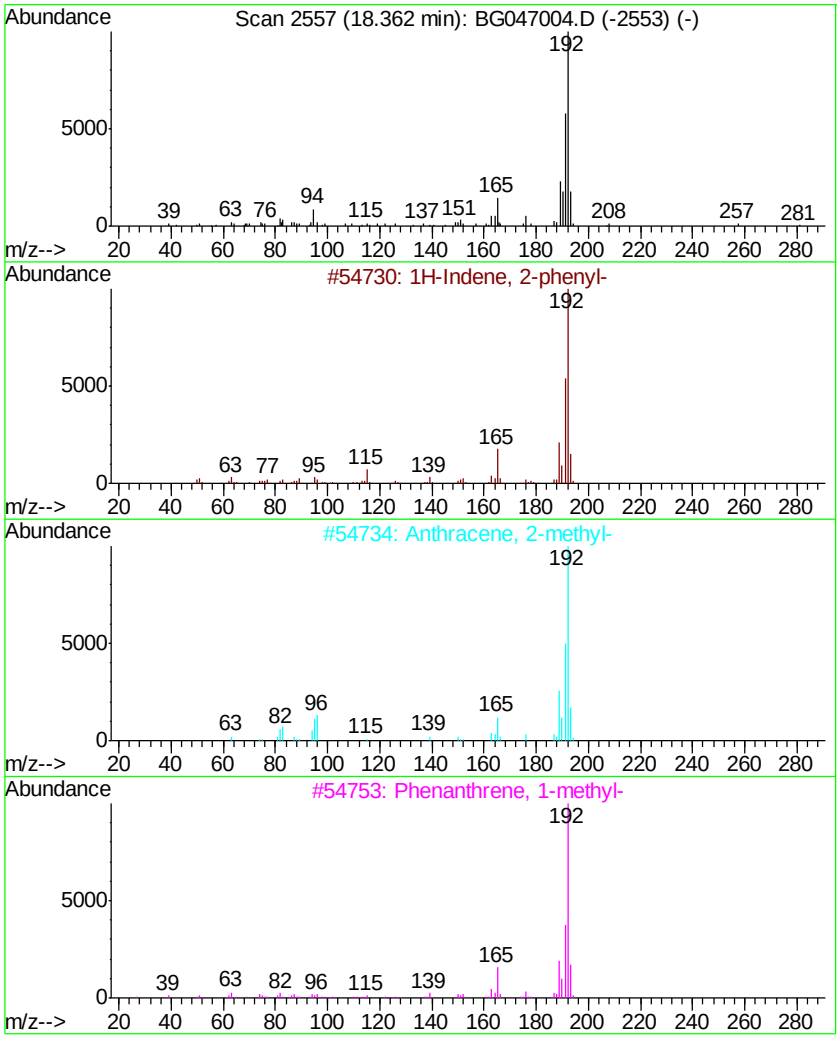
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

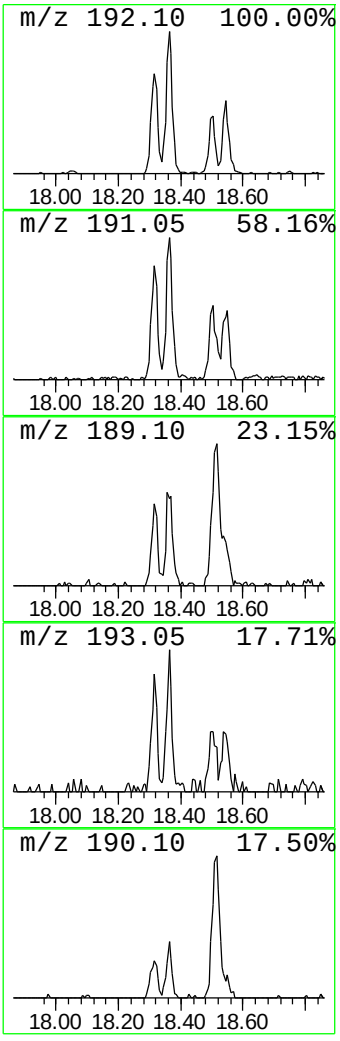
****

Peak Number 3 1H-Indene, 2-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.81 ng/ul	100100	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





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Misc : GCMS CONFIRMATION
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

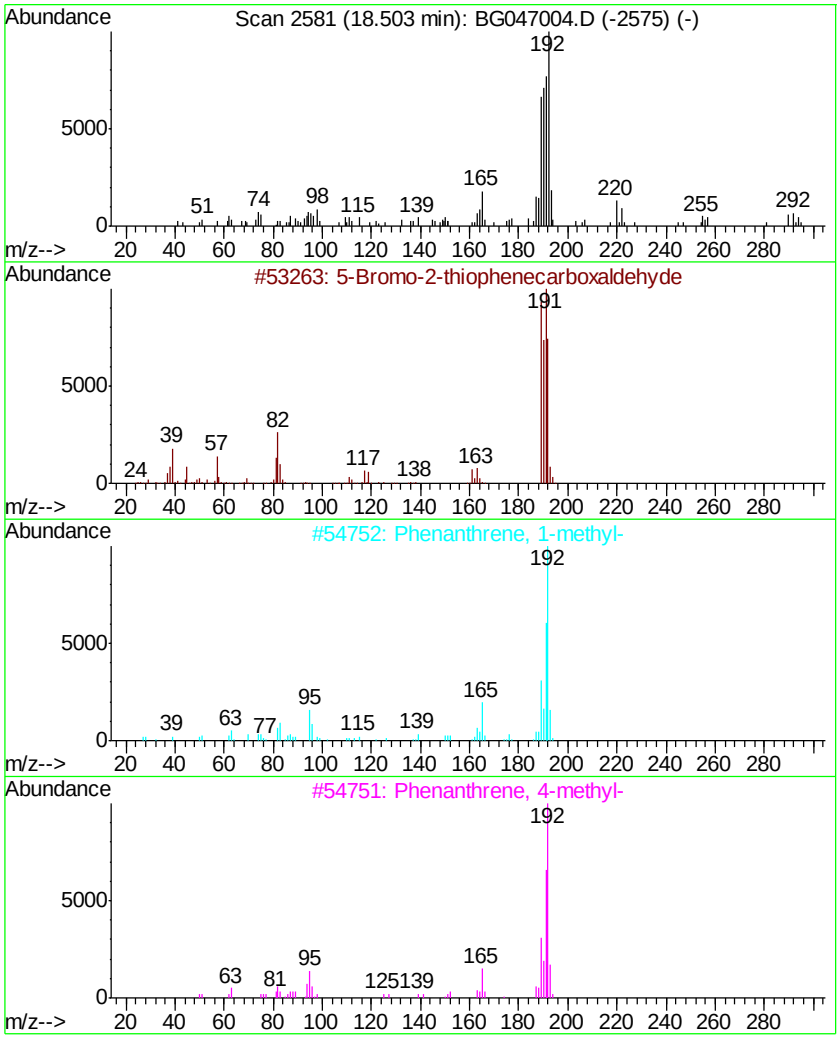
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

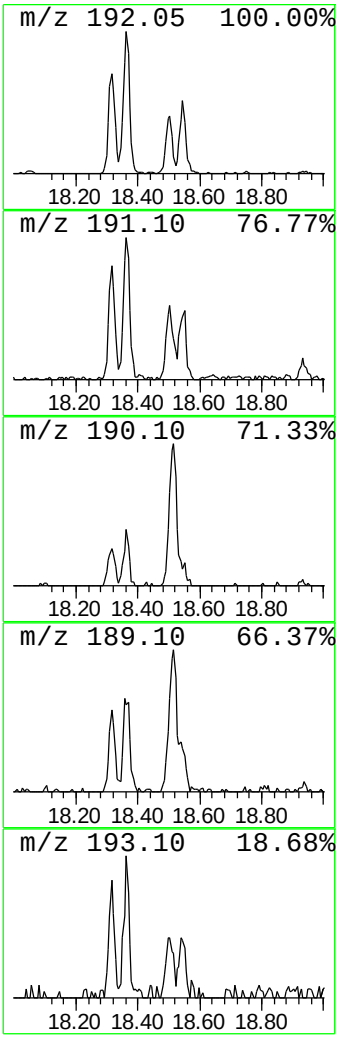
****

Peak Number 4 5-Bromo-2-thiophenecarboxal... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	2.77 ng/ul	98600	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	58
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	53
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102020\
Data File : BG047004.D
Acq On : 20 Oct 2020 19:07
Operator : CG/JU
Sample : L4402-01
Misc : GCMS CONFIRMATION
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

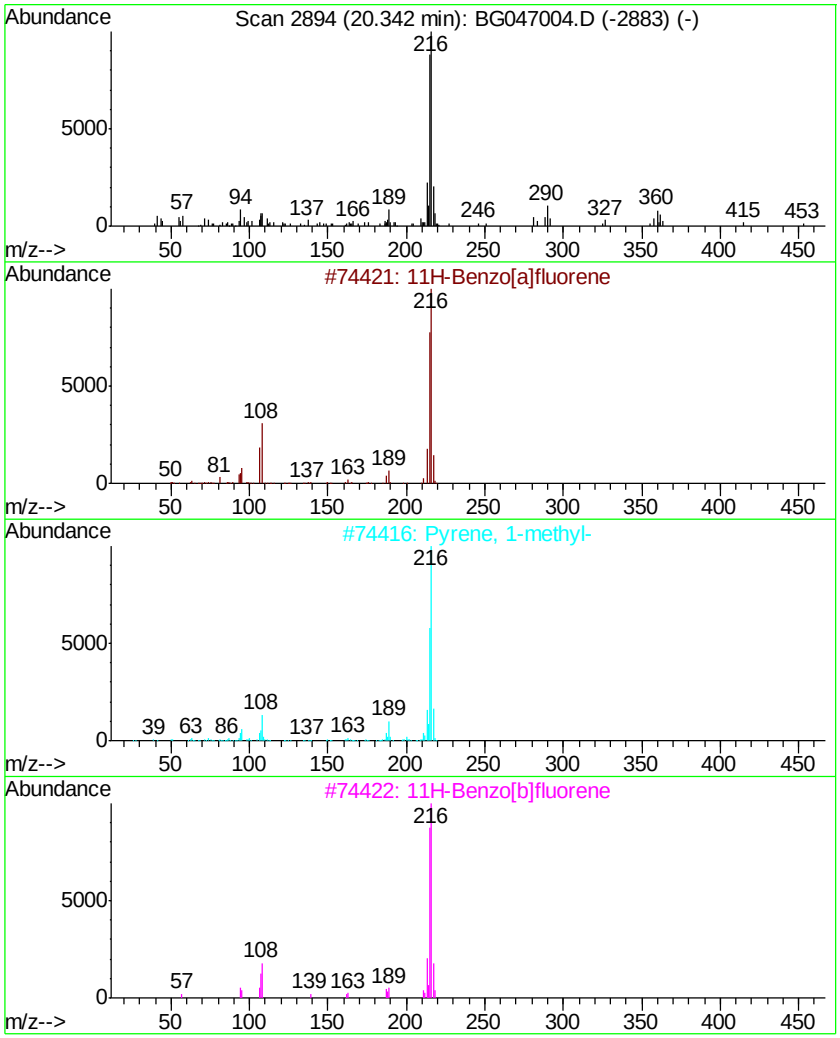
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

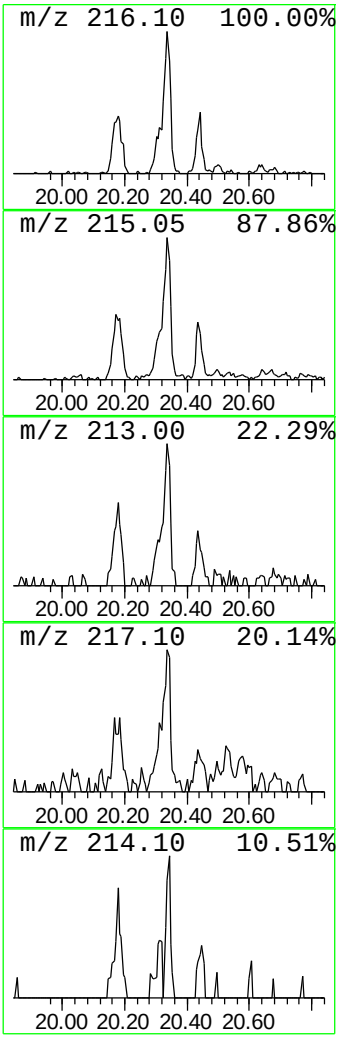
****

Peak Number 5 11H-Benzo[a]fluorene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	2.97 ng/ul	148885	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	62
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102020\
Data File : BG047004.D
Acq On : 20 Oct 2020 19:07
Operator : CG/JU
Sample : L4402-01
Misc : GCMS CONFIRMATION
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.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
(DEL) Alkane: Str...	3.41	40.0	ng/ul	641476	1	8.07	320553	20.0
Anthracene, 2-met...	18.31	2.3	ng/ul	80349	4	17.44	711677	20.0
1H-Indene, 2-phenyl-	18.36	2.8	ng/ul	100100	4	17.44	711677	20.0
5-Bromo-2-thiophe...	18.50	2.8	ng/ul	98600	4	17.44	711677	20.0
11H-Benzo[a]fluorene	20.34	3.0	ng/ul	148885	5	21.70	1002590	20.0