LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049688.D
Acq On : 6 Aug 2021 23:17
Operator : CG/JU
Sample : M3124-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00A0

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-BG080421.M
Title : SVOA CALIBRATION

Signal : TIC: BG049688.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.158	16	20	33	rVB	147866	281666	51.57%	4.611%
2	3.869	138	141	147	rBV4	10856	16662	3.05%	0.273%
3	3.963	154	157	164	rVB2	11297	17521	3.21%	0.287%
4	4.163	190	191	193	rBV	2438	1832	0.34%	0.030%
5	4.744	288	290	293	rBV2	2059	2808	0.51%	0.046%
6	5.214	368	370	375	rVB4	2849	3698	0.68%	0.061%
7	5.849	476	478	480	rBV2	1310	1331	0.24%	0.022%
8	6.665	614	617	618	rBV2	1950	1695	0.31%	0.028%
9	7.012	674	676	679	rBV2	1315	1381	0.25%	0.023%
10	7.077	683	687	690	rBV3	1332	1862	0.34%	0.030%
11	7.200	702	708	717	rBV	84798	148085	27.11%	2.424%
12	7.359	730	735	747	rBV	52095	87386	16.00%	1.431%
13	7.570	765	771	779	rBV	79375	137634	25.20%	2.253%
14	7.652	782	785	789	rBV4	3296	4156	0.76%	0.068%
15	8.046	842	852	860	rVB	119594	213689	39.12%	3.498%
16	8.569	937	941	942	rBV2	1100	1509	0.28%	0.025%
17	8.751	966	972	981	rVB2	88683	154015	28.20%	2.521%
18	8.868	989	992	995	rBV3	1859	2979	0.55%	0.049%
19	9.156	1038	1041	1043	rBV	1053	1402	0.26%	0.023%
20	9.209	1043	1050	1057	rVV	77967	144325	26.42%	2.363%
21	9.274	1057	1061	1066	rVB4	4960	7840	1.44%	0.128%
22	9.937	1168	1174	1184	rBV2	75592	141568	25.92%	2.318%
23	10.272	1228	1231	1233	rVB	1480	1539	0.28%	0.025%
24	10.484	1260	1267	1277	rVB2	106878	192017	35.15%	3.143%
25	10.625	1284	1291	1301	rBV5	10723	22131	4.05%	0.362%
26	10.866	1321	1332	1338	rBV	164270	304229	55.70%	4.980%
27	10.995	1349	1354	1366	rVB	71600	134180	24.57%	2.197%
28	11.147	1378	1380	1384	rVB	1369	1366	0.25%	0.022%
29	11.371	1415	1418	1420	rBV	1133	1458	0.27%	0.024%
30	11.882	1500	1505	1509	rBV3	5007	7134	1.31%	0.117%
31	12.270	1567	1571	1576	rVB3	7219	10964	2.01%	0.179%
32	12.352	1581	1585	1586	rBV	1612	1428	0.26%	0.023%
33	12.387	1586	1591	1594	rBV3	3115	4659	0.85%	0.076%
34	12.522	1609	1614	1620	rVB	7546	11998	2.20%	0.196%
35	12.745	1646	1652	1657	rBV2	5000	8763	1.60%	0.143%
36	13.221	1727	1733	1739	rVB6	3817	7191	1.32%	0.118%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049688.D
Acq On : 6 Aug 2021 23:17
Operator : CG/JU
Sample : M3124-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00A0

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-BG080421.M
Title : SVOA CALIBRATION

37	13.450	1769	1772	1776	rVB	1854	2072	0.38%	0.034%
38	13.503	1776	1781	1790	rBV6	10659	22111	4.05%	0.362%
39	13.574	1791	1793	1797	rVV	2348	2615	0.48%	0.043%
40	13.603	1797	1798	1803	rVB	1850	1727	0.32%	0.028%
41	13.867	1835	1843	1850	rVB6	4500	11770	2.15%	0.193%
42	13.944	1850	1856	1859	rBV	3111	4797	0.88%	0.079%
43	14.014	1863	1868	1873	rVV3	6964	12805	2.34%	0.210%
44	14.091	1873	1881	1887	rVV	207513	312631	57.24%	5.118%
45	14.161	1890	1893	1898	rVV2	4982	6036	1.11%	0.099%
46	14.208	1899	1901	1904	rVB	2912	2421	0.44%	0.040%
47	14.255	1904	1909	1911	rBV2	2911	4821	0.88%	0.079%
48	14.279	1911	1913	1916	rVB3	2341	2034	0.37%	0.033%
49	14.390	1925	1932	1941	rVB	206357	339719	62.20%	5.561%
50	14.525	1951	1955	1956	rVB	1608	1635	0.30%	0.027%
51	14.578	1959	1964	1968	rVV3	11466	15196	2.78%	0.249%
52	14.696	1975	1984	1991	rVB	241129	389941	71.39%	6.384%
53	14.749	1991	1993	1994	rBV	1710	1618	0.30%	0.026%
54	14.831	2005	2007	2012	rVB2	2235	1414	0.26%	0.023%
55	14.895	2012	2018	2022	rBV2	69402	124666	22.82%	2.041%
56	14.942	2022	2026	2034	rVB2	81506	144982	26.54%	2.373%
57	15.089	2046	2051	2056	rVB4	9832	15076	2.76%	0.247%
58	15.171	2060	2065	2068	rBV2	4022	5716	1.05%	0.094%
59	15.312	2084	2089	2091	rVV2	4427	5577	1.02%	0.091%
60	15.359	2094	2097	2104	rVB4	5302	8795	1.61%	0.144%
61	15.489	2113	2119	2121	rBV4	4680	8872	1.62%	0.145%
62	15.530	2122	2126	2130	rVB2	13055	20151	3.69%	0.330%
63	15.594	2135	2137	2139	rBV	3108	1913	0.35%	0.031%
64	15.688	2142	2153	2159	rBV	267936	429454	78.63%	7.030%
65	15.806	2168	2173	2180	rBV2	70555	106412	19.48%	1.742%
66	15.918	2189	2192	2193	rBV	4521	3531	0.65%	0.058%
67	16.029	2206	2211	2212	rBV4	5595	6884	1.26%	0.113%
68	16.076	2217	2219	2221	rBV	2359	2273	0.42%	0.037%
69	16.147	2229	2231	2232	rBV	2297	2051	0.38%	0.034%
70	16.182	2235	2237	2243	rVV5	5978	8522	1.56%	0.140%
71	16.246	2246	2248	2249	rBV	1822	1496	0.27%	0.024%
72	16.323	2259	2261	2266	rBV3	2854	4284	0.78%	0.070%
73	16.393	2266	2273	2276	rBV3	15974	26222	4.80%	0.429%
74	16.628	2311	2313	2314	rVB2	2290	1556	0.28%	0.025%
75	16.675	2318	2321	2323	rBV	2658	2242	0.41%	0.037%
76	16.711	2325	2327	2330	rBV2	1947	2783	0.51%	0.046%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049688.D
Acq On : 6 Aug 2021 23:17
Operator : CG/JU
Sample : M3124-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00A0

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-BG080421.M
Title : SVOA CALIBRATION

77	16.799	2338	2342	2346	rVB3	4264	6267	1.15%	0.103%
78	16.887	2356	2357	2358	rBV	3501	1983	0.36%	0.032%
79	16.969	2368	2371	2375	rBV4	7152	11921	2.18%	0.195%
80	17.098	2389	2393	2398	rVB3	11271	17526	3.21%	0.287%
81	17.181	2403	2407	2412	rVB3	17135	29033	5.32%	0.475%
82	17.233	2412	2416	2419	rBV5	3680	5370	0.98%	0.088%
83	17.333	2429	2433	2434	rBV	2141	2191	0.40%	0.036%
84	17.445	2446	2452	2456	rBV	291457	430451	78.81%	7.047%
85	17.545	2464	2469	2479	rVB	284426	433307	79.33%	7.094%
86	17.850	2518	2521	2522	rBV2	6950	5567	1.02%	0.091%
87	17.927	2530	2534	2538	rVB2	14864	20368	3.73%	0.333%
88	18.103	2561	2564	2566	rBV2	6330	6017	1.10%	0.099%
89	18.320	2597	2601	2605	rBV2	34272	51285	9.39%	0.840%
90	18.367	2606	2609	2618	rVB4	35698	63240	11.58%	1.035%
91	18.514	2630	2634	2638	rBV3	20533	32503	5.95%	0.532%
92	18.620	2648	2652	2658	rBV4	16138	23649	4.33%	0.387%
93	18.814	2682	2685	2690	rBV	21107	30718	5.62%	0.503%
94	19.372	2776	2780	2783	rBV4	13611	22242	4.07%	0.364%
95	19.495	2797	2801	2808	rVB	142677	202473	37.07%	3.315%
96	19.554	2808	2811	2813	rBV4	10489	13227	2.42%	0.217%
97	19.830	2852	2858	2862	rBV	336415	546205	100.00%	8.942%

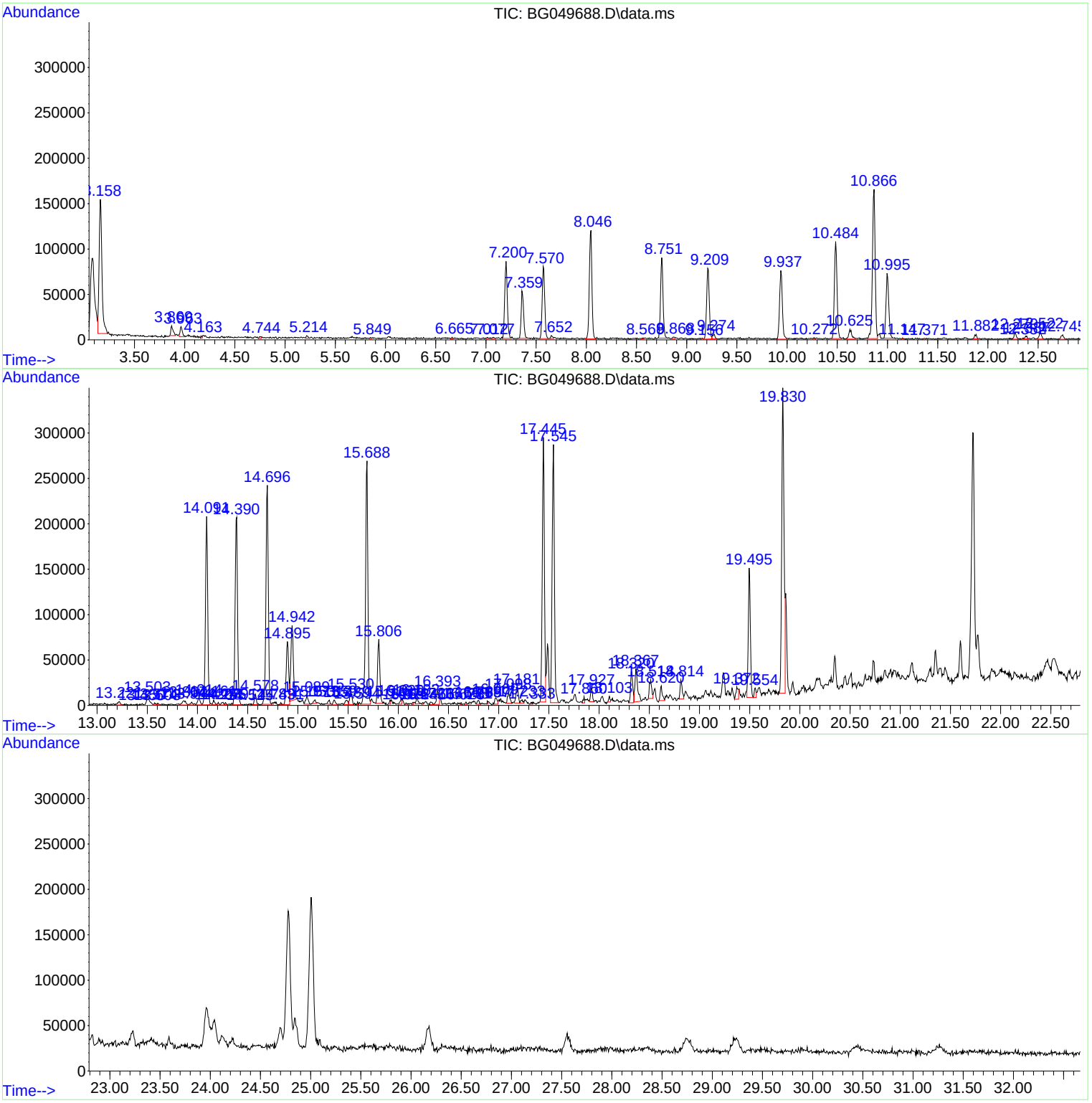
Sum of corrected areas: 6108465

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049688.D
Acq On : 6 Aug 2021 23:17
Operator : CG/JU
Sample : M3124-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00A0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049688.D
Acq On : 6 Aug 2021 23:17
Operator : CG/JU
Sample : M3124-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00A0

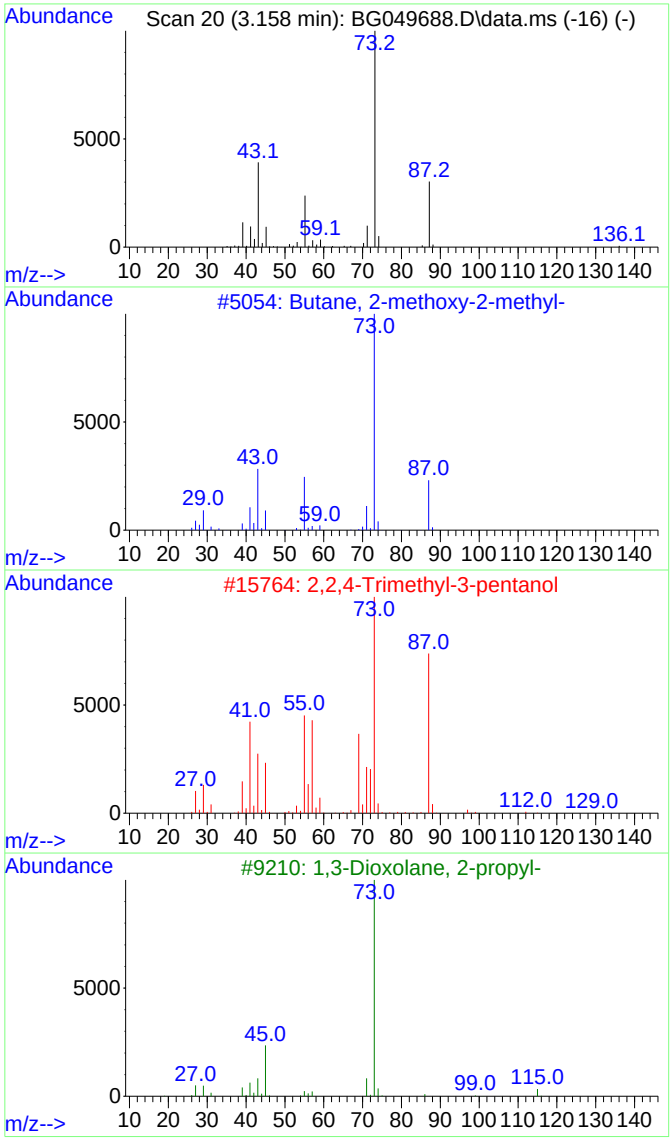
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

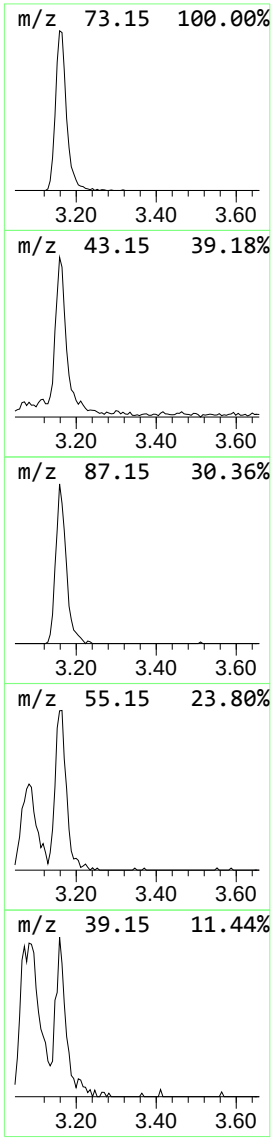
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.158	26.36 ng/ul	281666	1,4-Dichlorobenzene-d4	8.046

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049688.D
Acq On : 6 Aug 2021 23:17
Operator : CG/JU
Sample : M3124-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00A0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

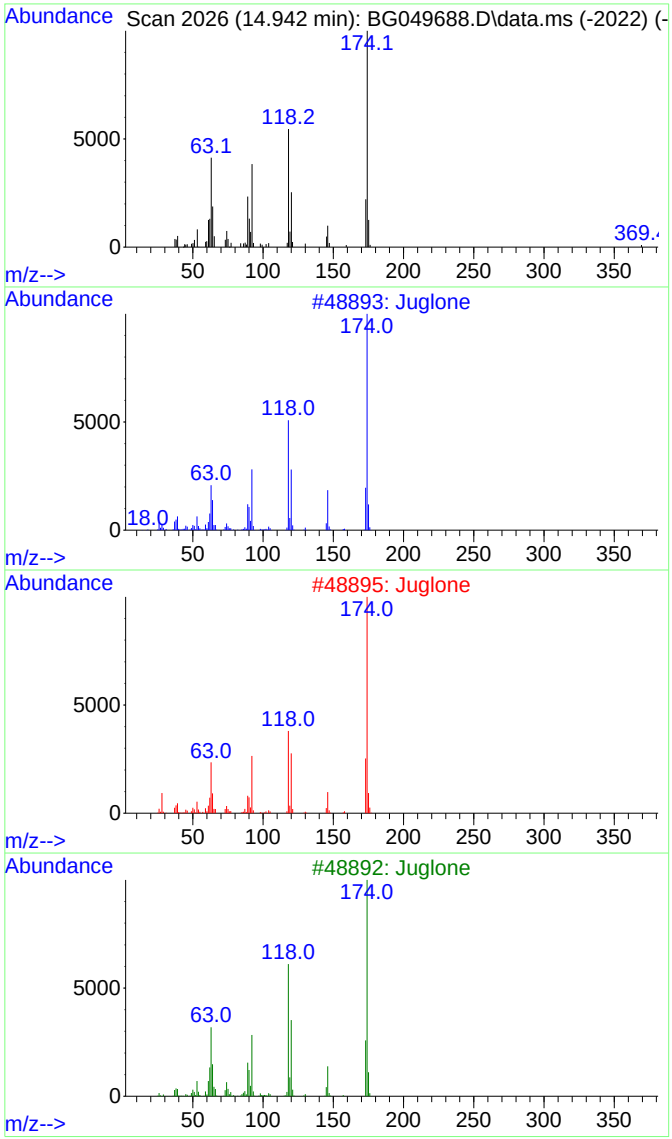
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

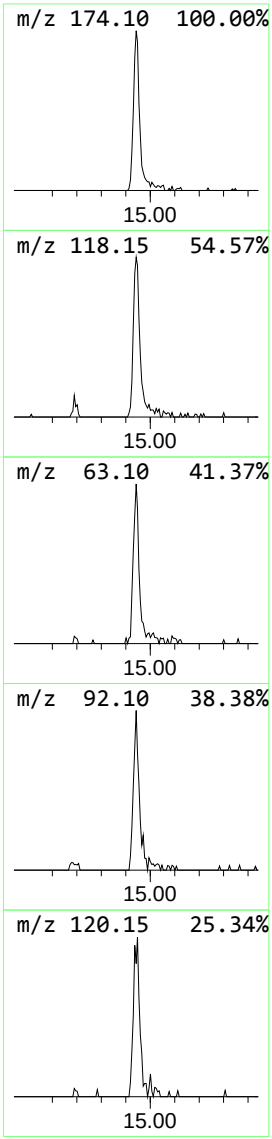
****

Peak Number 2 Juglone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.942	7.44 ng/ul	144982	Acenaphthene-d10	14.696

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Juglone	174	C10H6O3	000481-39-0	94
2	Juglone	174	C10H6O3	000481-39-0	93
3	Juglone	174	C10H6O3	000481-39-0	91
4	Juglone	174	C10H6O3	000481-39-0	64
5	Benzene, 2,4-diisocyanato-1-methyl-	174	C9H6N2O2	000584-84-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049688.D
Acq On : 6 Aug 2021 23:17
Operator : CG/JU
Sample : M3124-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00A0

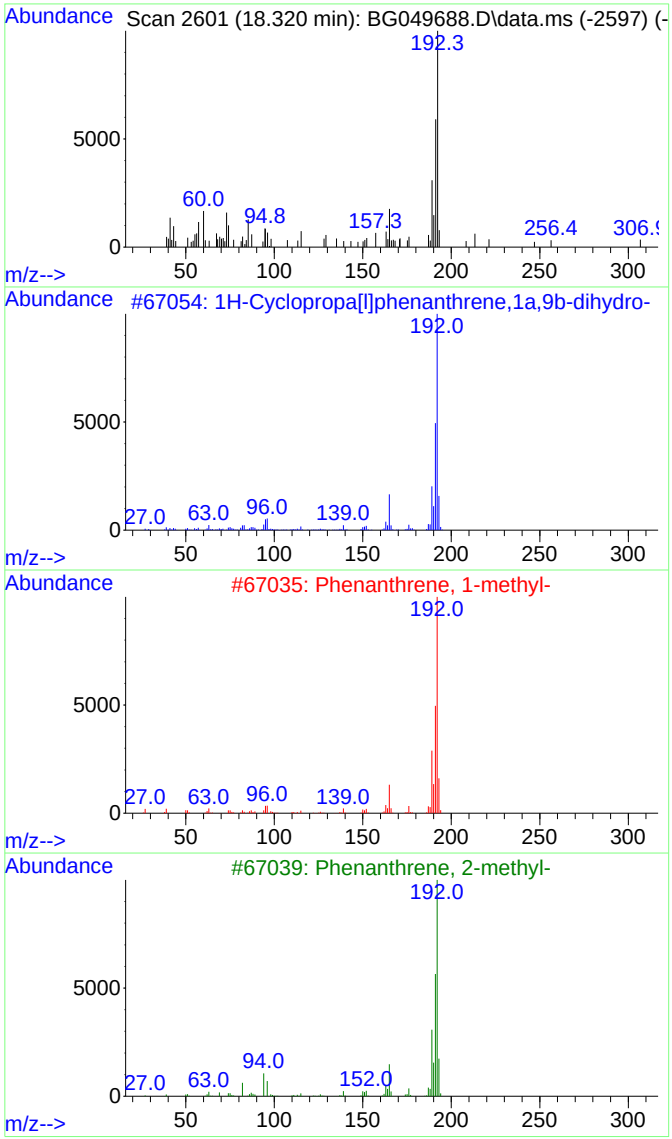
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

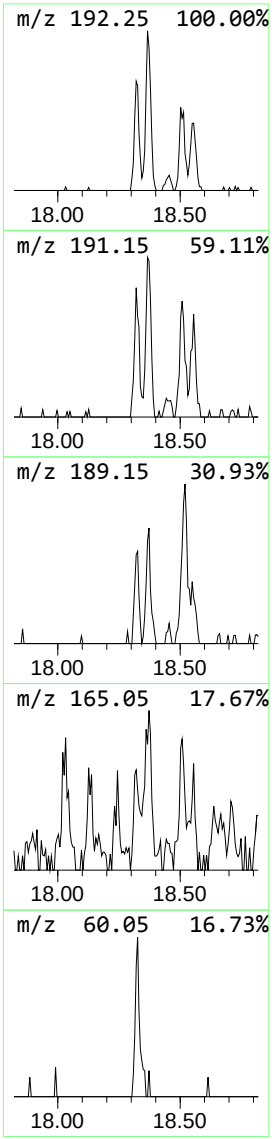
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.320	2.38 ng/ul	51285	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049688.D
Acq On : 6 Aug 2021 23:17
Operator : CG/JU
Sample : M3124-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00A0

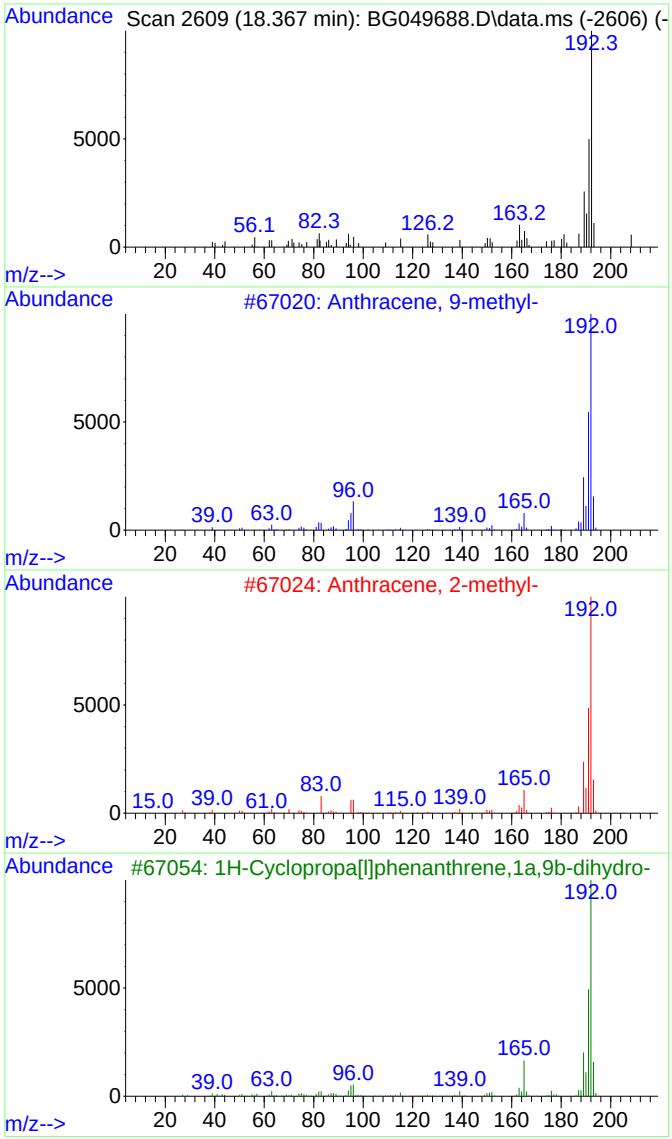
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

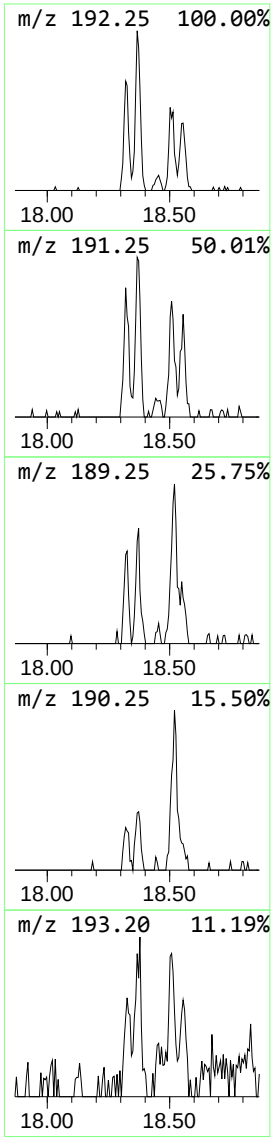
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Anthracene, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.367	2.94 ng/ul	63240	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	68
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	68
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	62
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049688.D
Acq On : 6 Aug 2021 23:17
Operator : CG/JU
Sample : M3124-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00A0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.158	26.4	ng/ul	281666	1	8.046	213689	20.0
Juglone	14.942	7.4	ng/ul	144982	3	14.696	389941	20.0
1H-Cyclopropa[l...	18.320	2.4	ng/ul	51285	4	17.445	430451	20.0
Anthracene, 9-m...	18.367	2.9	ng/ul	63240	4	17.445	430451	20.0