LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049514.D
Acq On : 27 Jul 2021 19:22
Operator : CG/JU
Sample : M3091-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0046

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-BG072421.M
Title : SVOA CALIBRATION

Signal : TIC: BG049514.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.080	3	7	16	rBV2	124610	237478	55.87%	4.130%
2	3.162	16	21	29	rVB	144544	227397	53.50%	3.954%
3	3.867	138	141	153	rBV2	15365	34506	8.12%	0.600%
4	4.190	192	196	200	rBV3	6262	9472	2.23%	0.165%
5	4.660	274	276	281	rVB2	1503	1616	0.38%	0.028%
6	5.265	377	379	383	rVB2	1754	1692	0.40%	0.029%
7	5.676	442	449	459	rVV4	6598	17057	4.01%	0.297%
8	5.753	459	462	464	rVB3	1422	1410	0.33%	0.025%
9	6.041	506	511	516	rBV5	4641	8205	1.93%	0.143%
10	6.364	563	566	569	rBV2	954	1405	0.33%	0.024%
11	7.010	674	676	678	rBV	1592	1762	0.41%	0.031%
12	7.204	702	709	717	rBV2	52042	100763	23.71%	1.752%
13	7.368	731	737	744	rBV2	33072	60993	14.35%	1.061%
14	7.580	767	773	783	rVB	50128	93651	22.03%	1.629%
15	7.662	783	787	792	rBV2	4999	9652	2.27%	0.168%
16	7.903	825	828	833	rBV	1243	1987	0.47%	0.035%
17	8.050	844	853	860	rBV	80810	147094	34.61%	2.558%
18	8.173	870	874	877	rBV3	2356	2513	0.59%	0.044%
19	8.696	958	963	967	rBV2	2294	3037	0.71%	0.053%
20	8.755	967	973	981	rVV2	55311	102759	24.18%	1.787%
21	9.219	1045	1052	1059	rBV	54009	100842	23.72%	1.754%
22	9.271	1059	1061	1068	rVB4	6560	11195	2.63%	0.195%
23	9.365	1073	1077	1078	rBV4	1579	1825	0.43%	0.032%
24	9.947	1169	1176	1182	rBV2	47850	87621	20.61%	1.524%
25	10.270	1229	1231	1234	rBV2	1394	2116	0.50%	0.037%
26	10.487	1262	1268	1277	rVB	65557	125141	29.44%	2.176%
27	10.628	1286	1292	1301	rBV2	53876	99431	23.39%	1.729%
28	10.869	1322	1333	1339	rBV	120885	234434	55.15%	4.077%
29	11.004	1349	1356	1368	rVV2	53777	110489	25.99%	1.921%
30	11.081	1368	1369	1372	rVV	1427	1397	0.33%	0.024%
31	11.110	1372	1374	1377	rVB2	1548	1365	0.32%	0.024%
32	11.257	1395	1399	1403	rVB3	2546	3364	0.79%	0.059%
33	11.886	1501	1506	1510	rVB3	4646	7498	1.76%	0.130%
34	12.279	1568	1573	1578	rBV4	10860	16582	3.90%	0.288%
35	12.532	1608	1616	1621	rVV2	19794	36979	8.70%	0.643%
36	12.602	1625	1628	1630	rBV	1274	1382	0.33%	0.024%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049514.D
Acq On : 27 Jul 2021 19:22
Operator : CG/JU
Sample : M3091-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0046

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-BG072421.M
Title : SVOA CALIBRATION

37	12.749	1645	1653	1660	rBV3	11568	20262	4.77%	0.352%
38	12.820	1663	1665	1669	rVB	2073	1776	0.42%	0.031%
39	12.943	1685	1686	1689	rBV	1915	1844	0.43%	0.032%
40	13.166	1723	1724	1727	rBV	1443	1457	0.34%	0.025%
41	13.225	1730	1734	1742	rVB2	3655	5775	1.36%	0.100%
42	13.301	1746	1747	1752	rVB2	1757	1517	0.36%	0.026%
43	13.513	1778	1783	1789	rBV3	14603	28298	6.66%	0.492%
44	13.583	1790	1795	1799	rVB3	38516	60055	14.13%	1.044%
45	13.730	1816	1820	1821	rBV2	2123	2788	0.66%	0.048%
46	13.859	1836	1842	1843	rBV2	9019	11978	2.82%	0.208%
47	13.971	1857	1861	1863	rVB2	1600	1800	0.42%	0.031%
48	14.018	1863	1869	1874	rBV4	15473	28698	6.75%	0.499%
49	14.094	1874	1882	1889	rVV	143869	223715	52.63%	3.890%
50	14.165	1892	1894	1899	rVB	5258	6606	1.55%	0.115%
51	14.206	1899	1901	1904	rBV3	2244	2590	0.61%	0.045%
52	14.259	1906	1910	1912	rVV4	6011	7870	1.85%	0.137%
53	14.329	1920	1922	1925	rBV	2033	1779	0.42%	0.031%
54	14.394	1926	1933	1941	rVV	147159	235600	55.43%	4.097%
55	14.529	1954	1956	1961	rBV	1265	1901	0.45%	0.033%
56	14.582	1961	1965	1969	rBV3	15354	23501	5.53%	0.409%
57	14.699	1975	1985	1991	rBV	207818	343087	80.72%	5.966%
58	14.741	1991	1992	1995	rVV2	2086	2444	0.57%	0.043%
59	14.770	1995	1997	2003	rVB5	4503	6599	1.55%	0.115%
60	14.893	2013	2018	2028	rBV2	50032	95032	22.36%	1.653%
61	15.093	2047	2052	2058	rBV6	15844	27715	6.52%	0.482%
62	15.169	2061	2065	2068	rVV2	7068	8926	2.10%	0.155%
63	15.310	2086	2089	2094	rVB4	5960	8090	1.90%	0.141%
64	15.363	2094	2098	2104	rBV3	8026	11471	2.70%	0.199%
65	15.428	2107	2109	2112	rBV2	2806	2627	0.62%	0.046%
66	15.481	2112	2118	2122	rBV3	6241	11256	2.65%	0.196%
67	15.534	2122	2127	2131	rVB3	18624	28363	6.67%	0.493%
68	15.598	2135	2138	2140	rBV2	2559	3196	0.75%	0.056%
69	15.651	2145	2147	2148	rVV2	6192	5648	1.33%	0.098%
70	15.686	2148	2153	2159	rVB	189773	296599	69.78%	5.158%
71	15.810	2169	2174	2181	rVB2	49375	79758	18.76%	1.387%
72	15.933	2189	2195	2199	rBV5	5114	10722	2.52%	0.186%
73	16.033	2208	2212	2218	rVB4	10557	14746	3.47%	0.256%
74	16.127	2225	2228	2229	rBV2	4974	4507	1.06%	0.078%
75	16.192	2235	2239	2247	rVB5	6673	15004	3.53%	0.261%
76	16.397	2269	2274	2277	rBV2	23826	36812	8.66%	0.640%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049514.D
Acq On : 27 Jul 2021 19:22
Operator : CG/JU
Sample : M3091-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0046

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-BG072421.M
Title : SVOA CALIBRATION

77	16.503	2288	2292	2296	rVB2	3216	4696	1.10%	0.082%
78	16.738	2328	2332	2333	rBV2	3054	3624	0.85%	0.063%
79	16.797	2339	2342	2348	rVB3	4971	6896	1.62%	0.120%
80	16.896	2357	2359	2363	rVB3	5046	5465	1.29%	0.095%
81	16.943	2363	2367	2368	rBV	1662	1982	0.47%	0.034%
82	16.973	2368	2372	2374	rBV5	7762	9682	2.28%	0.168%
83	17.102	2389	2394	2400	rBV4	13308	20566	4.84%	0.358%
84	17.190	2404	2409	2413	rVB4	27996	40854	9.61%	0.710%
85	17.449	2446	2453	2457	rBV	266353	416332	97.95%	7.240%
86	17.490	2457	2460	2464	rVV2	49610	69354	16.32%	1.206%
87	17.543	2464	2469	2479	rVB	204897	334667	78.74%	5.820%
88	17.707	2496	2497	2498	rBV	3144	1894	0.45%	0.033%
89	17.930	2531	2535	2539	rVB2	22164	28719	6.76%	0.499%
90	18.030	2548	2552	2555	rBV5	8664	11643	2.74%	0.202%
91	18.101	2560	2564	2568	rBV2	22844	33409	7.86%	0.581%
92	18.324	2598	2602	2606	rBV2	40877	60397	14.21%	1.050%
93	18.371	2607	2610	2615	rVB2	38524	55338	13.02%	0.962%
94	18.512	2630	2634	2638	rBV4	24819	34093	8.02%	0.593%
95	18.624	2650	2653	2656	rVB2	24183	27554	6.48%	0.479%
96	18.817	2683	2686	2690	rVB3	22447	26453	6.22%	0.460%
97	19.240	2754	2758	2760	rBV3	41854	60338	14.20%	1.049%
98	19.499	2798	2802	2807	rVB	117217	161316	37.95%	2.805%
99	19.834	2853	2859	2863	rBV	258823	425048	100.00%	7.392%
100	21.725	3178	3181	3187	rVB	214468	321558	75.65%	5.592%

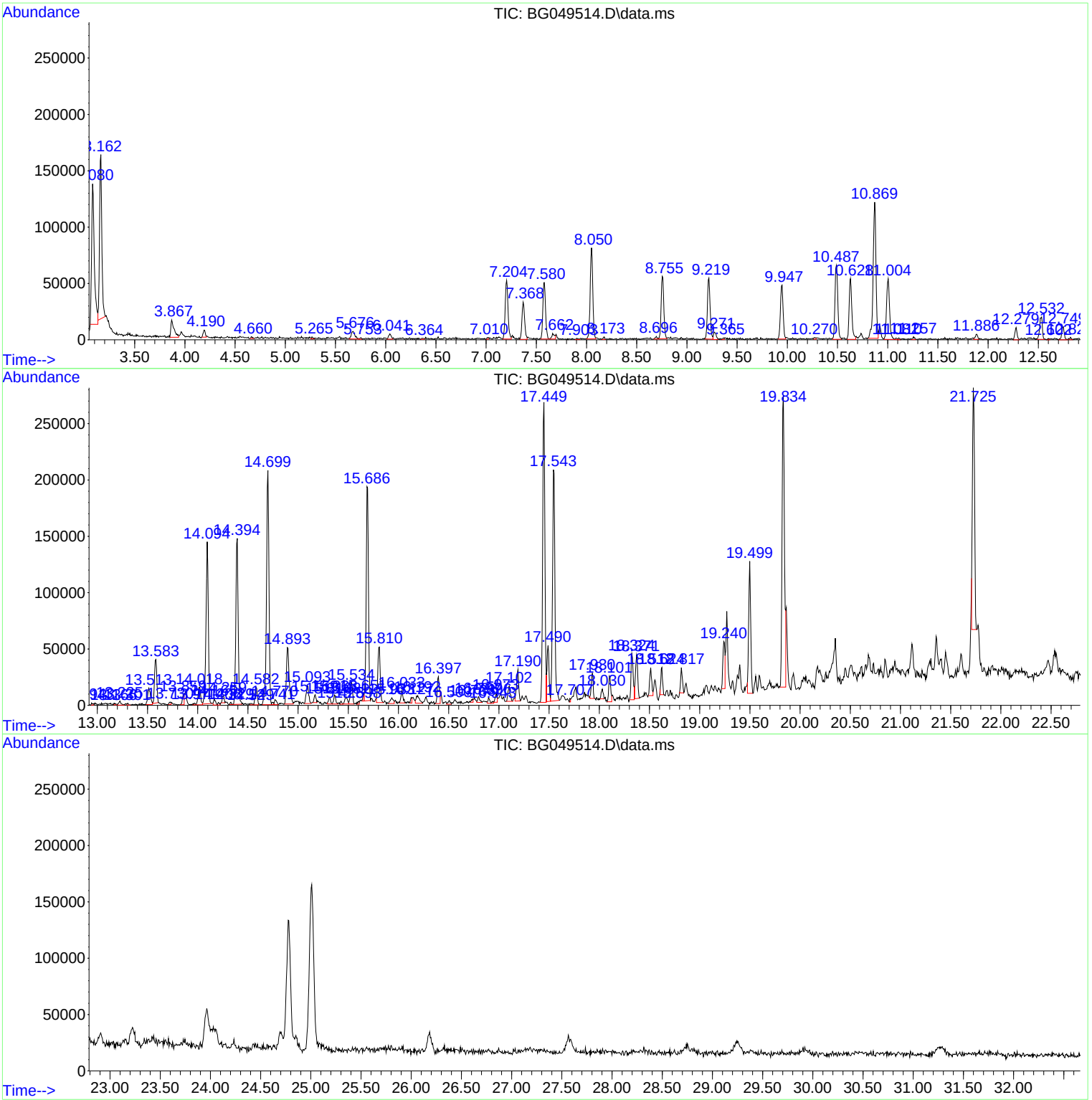
Sum of corrected areas: 5750400

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049514.D
Acq On : 27 Jul 2021 19:22
Operator : CG/JU
Sample : M3091-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0046

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049514.D
Acq On : 27 Jul 2021 19:22
Operator : CG/JU
Sample : M3091-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0046

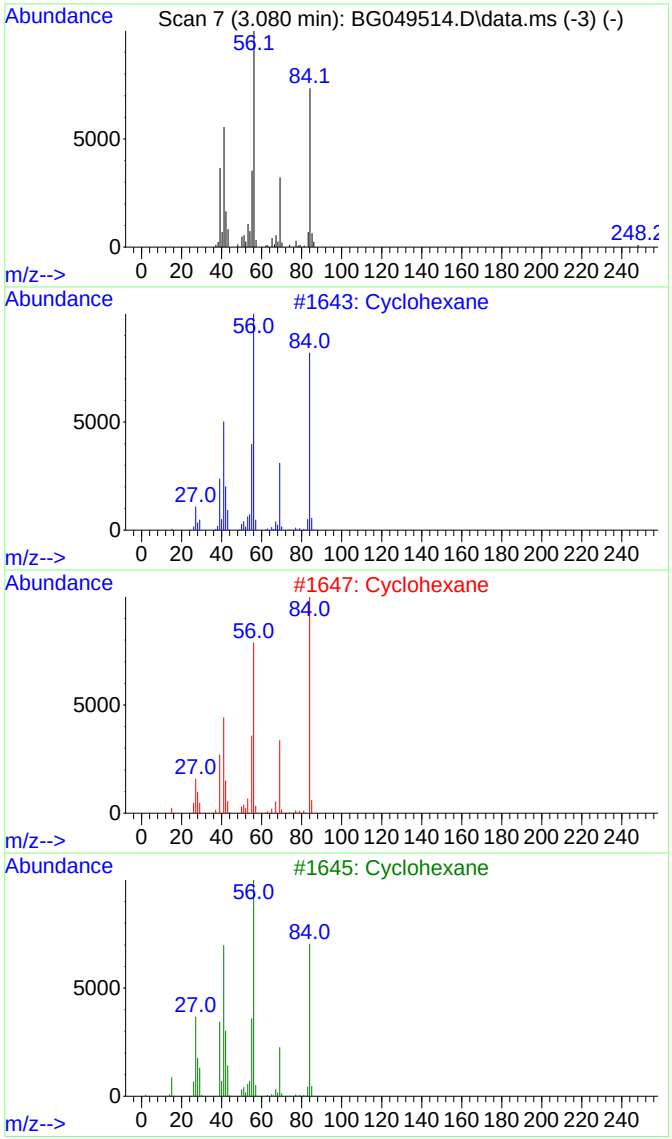
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

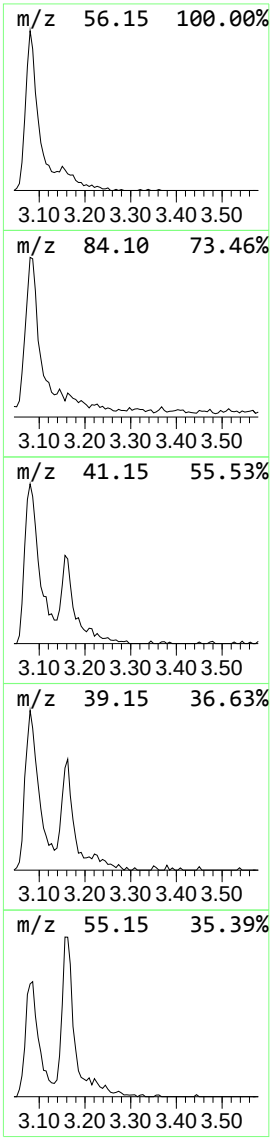
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.080 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.080	32.29 ng/ul	237478	1,4-Dichlorobenzene-d4	8.050

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	90
2	Cyclohexane	84	C6H12	000110-82-7	86
3	Cyclohexane	84	C6H12	000110-82-7	86
4	Cyclohexane	84	C6H12	000110-82-7	80
5	Cyclohexane	84	C6H12	000110-82-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049514.D
Acq On : 27 Jul 2021 19:22
Operator : CG/JU
Sample : M3091-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0046

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

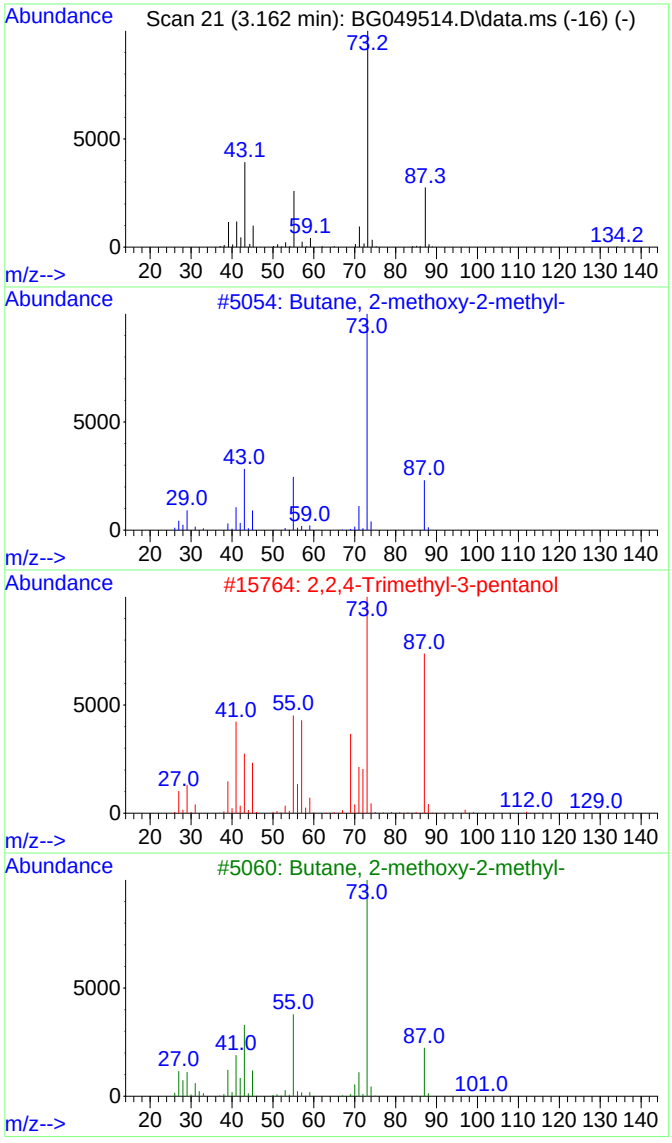
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

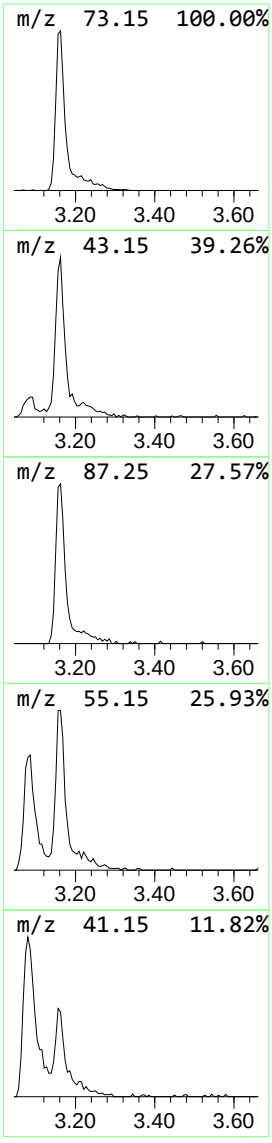
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.162	30.92 ng/ul	227397	1,4-Dichlorobenzene-d4	8.050

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	36
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049514.D
Acq On : 27 Jul 2021 19:22
Operator : CG/JU
Sample : M3091-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0046

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

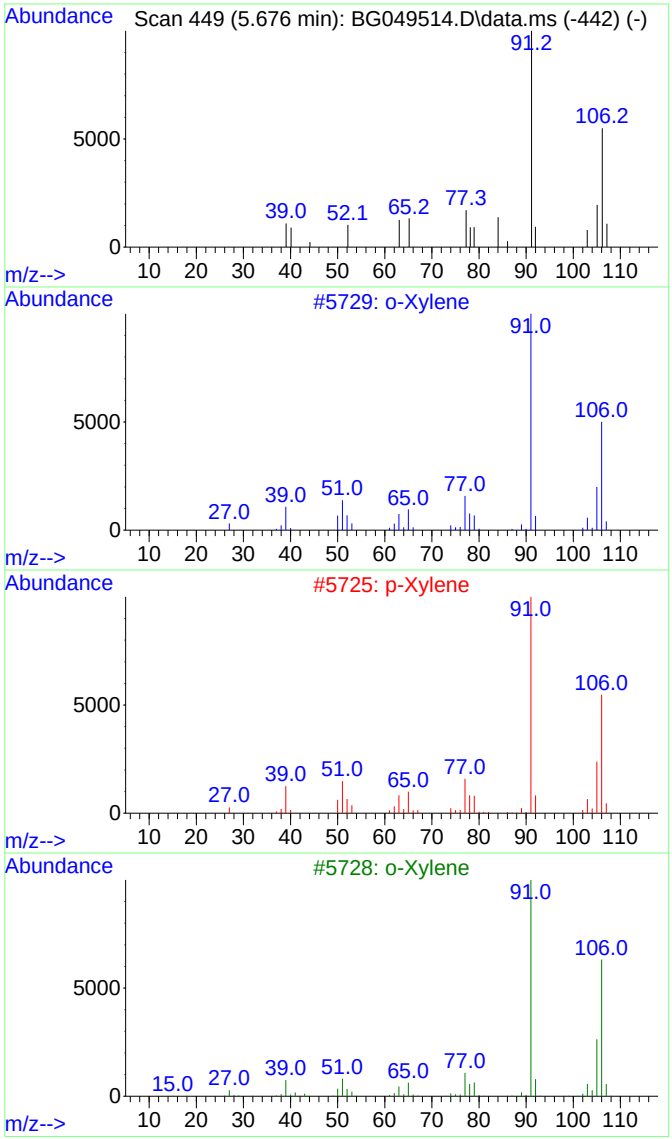
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

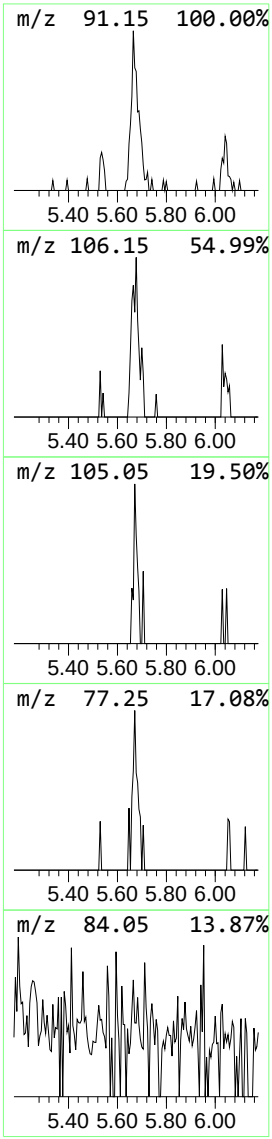
****

Peak Number 3 o-Xylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.676	2.32 ng/ul	17057	1,4-Dichlorobenzene-d4	8.050

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	87
2	p-Xylene	106	C8H10	000106-42-3	87
3	o-Xylene	106	C8H10	000095-47-6	87
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	87
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049514.D
Acq On : 27 Jul 2021 19:22
Operator : CG/JU
Sample : M3091-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0046

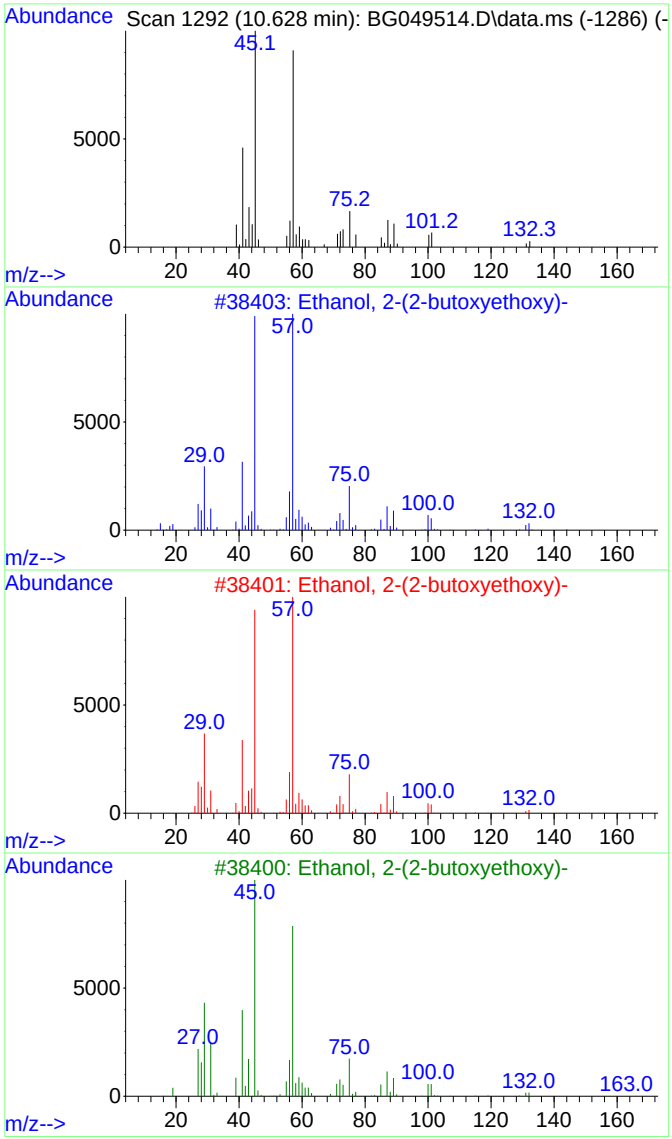
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

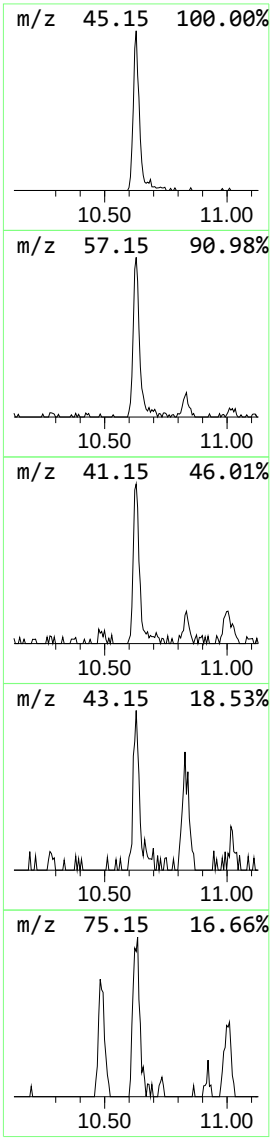
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.629	8.48 ng/ul	99431	Naphthalene-d8	10.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	74
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049514.D
Acq On : 27 Jul 2021 19:22
Operator : CG/JU
Sample : M3091-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0046

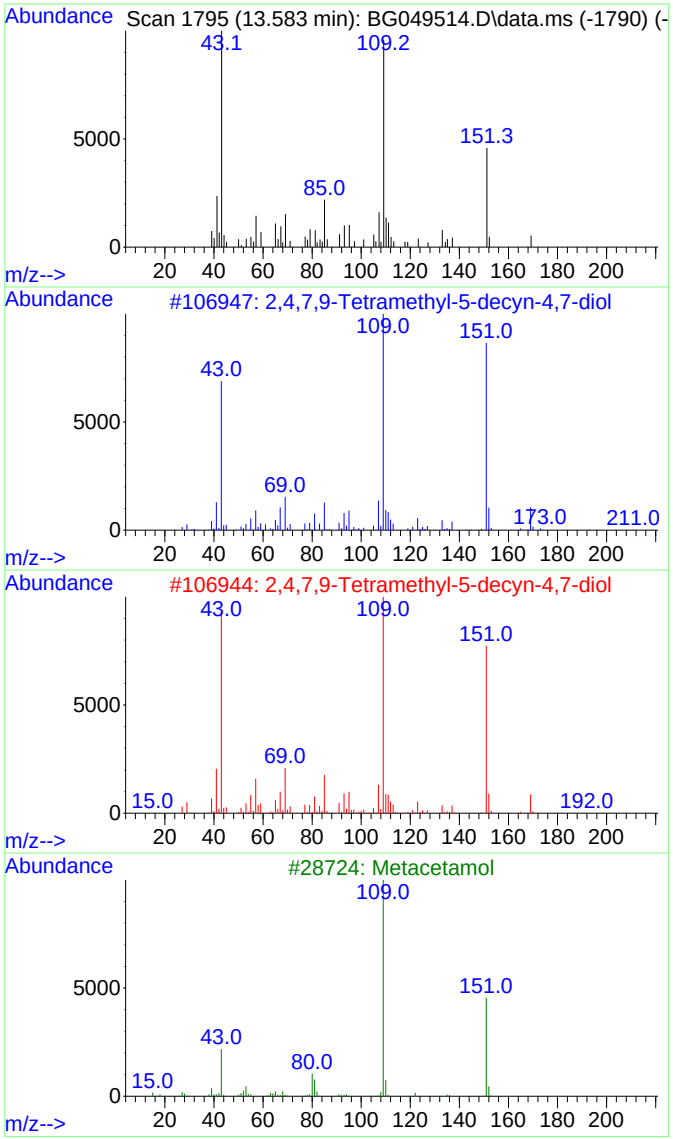
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

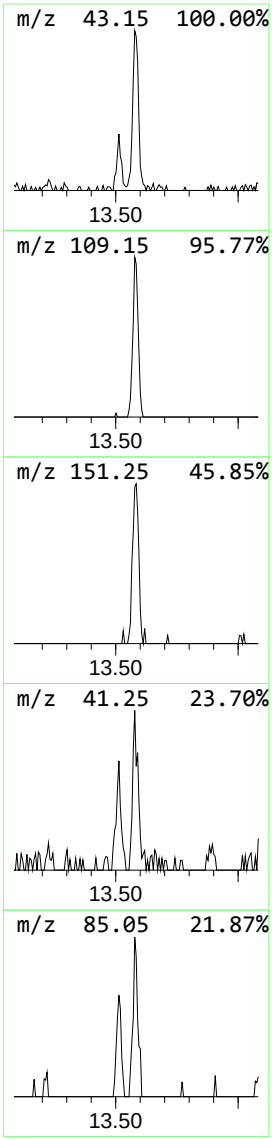
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.583	3.50 ng/ul	60055	Acenaphthene-d10	14.699

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	78
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	78
3	Metacetamol	151	C8H9NO2	000621-42-1	58
4	Acetaminophen	151	C8H9NO2	000103-90-2	53
5	Metacetamol	151	C8H9NO2	000621-42-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049514.D
Acq On : 27 Jul 2021 19:22
Operator : CG/JU
Sample : M3091-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0046

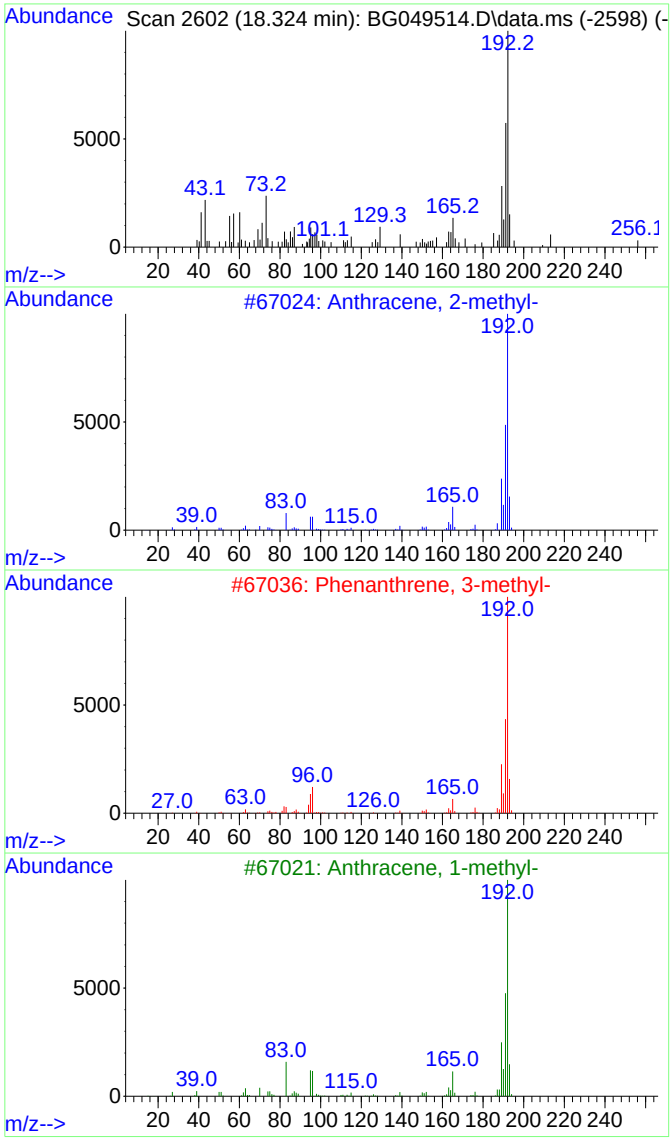
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

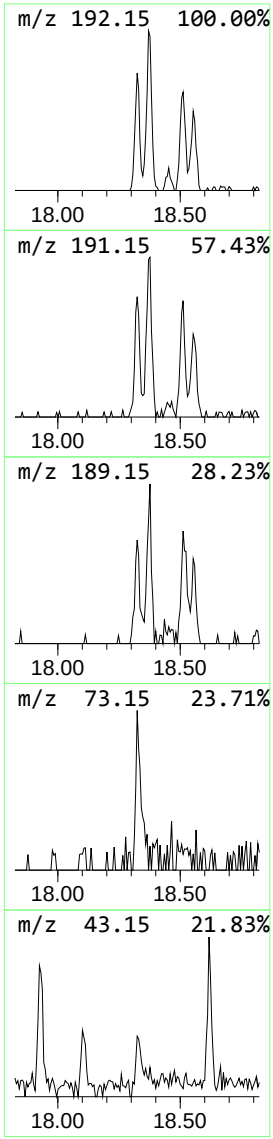
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.324	2.90 ng/ul	60397	Phenanthrene-d10	17.449

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	76
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049514.D
Acq On : 27 Jul 2021 19:22
Operator : CG/JU
Sample : M3091-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0046

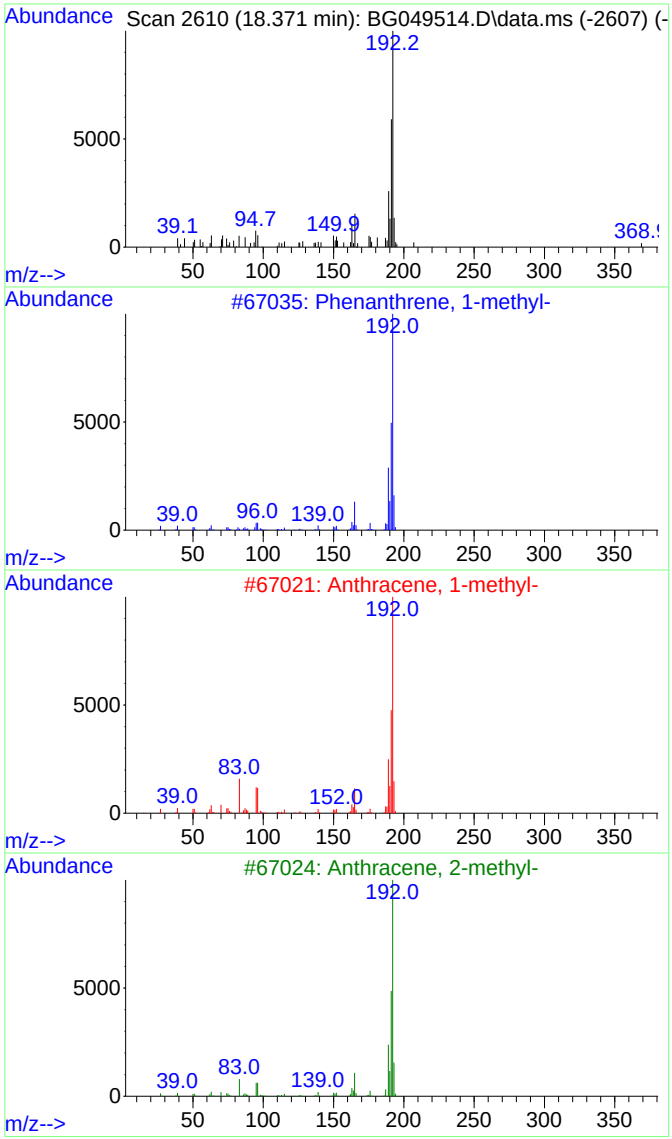
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

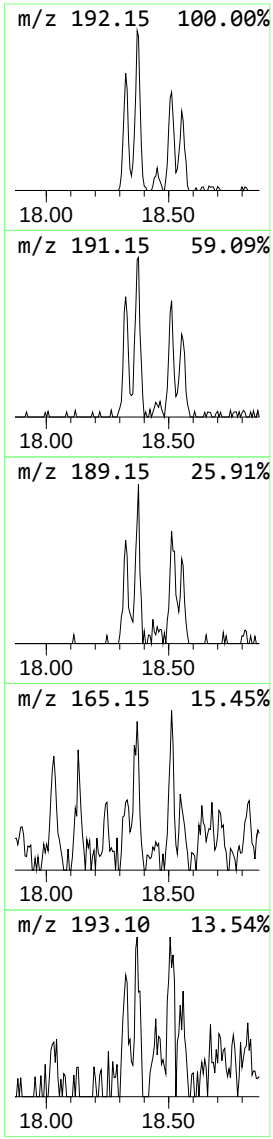
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.371	2.66 ng/ul	55338	Phenanthrene-d10	17.449

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049514.D
Acq On : 27 Jul 2021 19:22
Operator : CG/JU
Sample : M3091-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0046

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

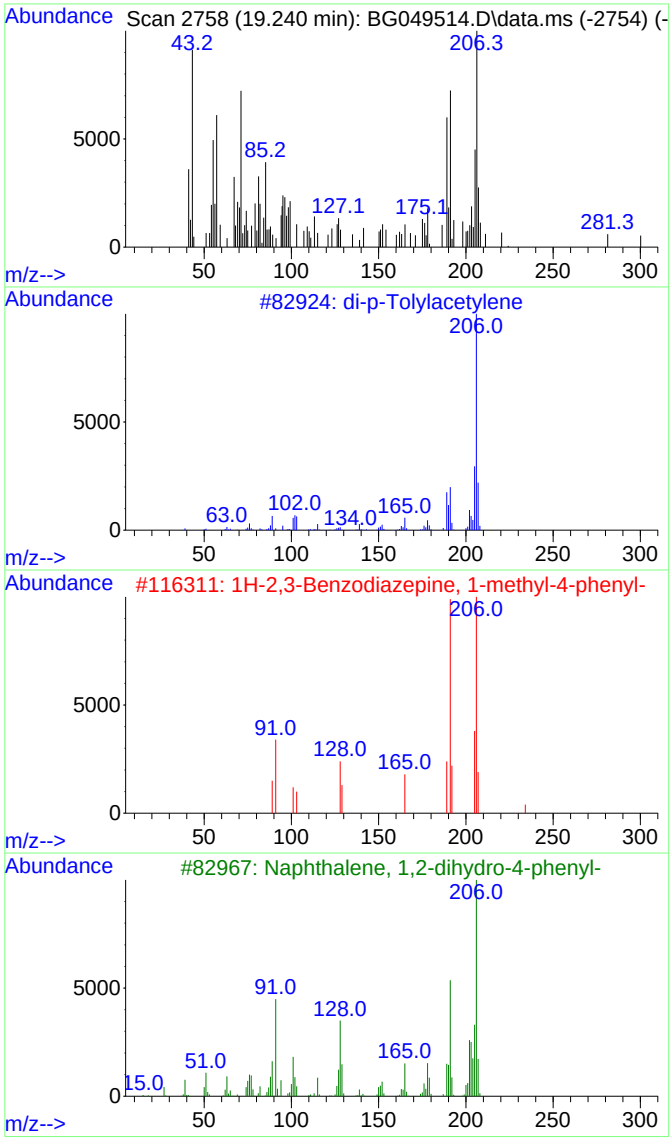
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

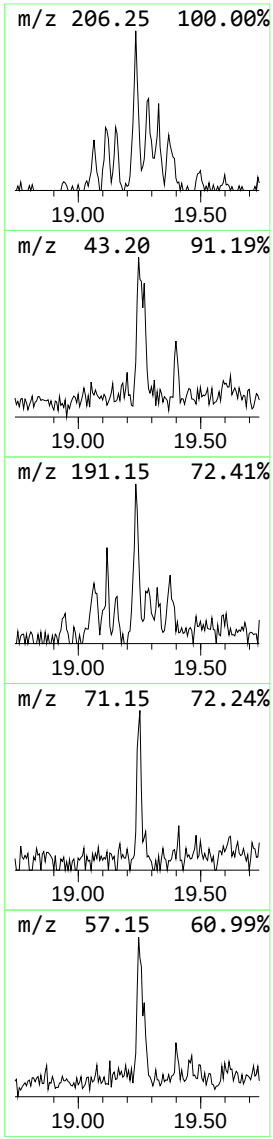
****

Peak Number 8 di-p-Tolylacetylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.240	2.90 ng/ul	60338	Phenanthrene-d10	17.449

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	50
2	1H-2,3-Benzodiazepine, 1-methyl-...	234	C16H14N2	029100-33-2	50
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	49
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	38
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049514.D
Acq On : 27 Jul 2021 19:22
Operator : CG/JU
Sample : M3091-08
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0046

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.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
(DEL) Alkane: C...	3.080	32.3	ng/ul	237478	1	8.050	147094	20.0
Butane, 2-metho...	3.162	30.9	ng/ul	227397	1	8.050	147094	20.0
o-Xylene	5.676	2.3	ng/ul	17057	1	8.050	147094	20.0
Ethanol, 2-(2-b...	10.629	8.5	ng/ul	99431	2	10.869	234434	20.0
2,4,7,9-Tetrame...	13.583	3.5	ng/ul	60055	3	14.699	343087	20.0
Anthracene, 2-m...	18.324	2.9	ng/ul	60397	4	17.449	416332	20.0
Phenanthrene, 1...	18.371	2.7	ng/ul	55338	4	17.449	416332	20.0
di-p-Tolylacety...	19.240	2.9	ng/ul	60338	4	17.449	416332	20.0