LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011522\
Data File : BG052009.D
Acq On : 15 Jan 2022 23:57
Operator : CG/JU
Sample : N1100-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGLT0

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-BG010622.M
Title : SVOA CALIBRATION

Signal : TIC: BG052009.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.570	10	14	22	rVB5	6802	10986	1.46%	0.140%
2	3.999	83	87	101	rBV	60772	108138	14.39%	1.377%
3	4.116	101	107	111	rVV4	5994	9986	1.33%	0.127%
4	4.251	124	130	134	rBV	5209	7630	1.02%	0.097%
5	4.357	143	148	151	rBV2	6056	8692	1.16%	0.111%
6	5.285	301	306	311	rVV2	8357	13079	1.74%	0.167%
7	5.714	373	379	383	rBV	3897	5572	0.74%	0.071%
8	5.843	396	401	412	rVB4	8204	18610	2.48%	0.237%
9	6.225	460	466	473	rBV4	4473	7499	1.00%	0.095%
10	6.713	544	549	553	rVB2	2451	3349	0.45%	0.043%
11	7.318	648	652	656	rBV2	2647	3419	0.45%	0.044%
12	7.382	656	663	672	rBV	120425	217976	29.00%	2.776%
13	7.553	683	692	700	rBV	78186	133500	17.76%	1.700%
14	7.770	720	729	736	rBV	99954	175335	23.33%	2.233%
15	7.858	739	744	746	rVV3	2479	4691	0.62%	0.060%
16	7.888	746	749	754	rVB	3032	4172	0.56%	0.053%
17	8.246	803	810	816	rVV	103107	172404	22.94%	2.195%
18	8.299	816	819	823	rVB3	2883	3884	0.52%	0.049%
19	8.945	921	929	937	rBV	141168	246575	32.81%	3.140%
20	9.068	946	950	955	rVB	3161	4654	0.62%	0.059%
21	9.415	1001	1009	1016	rVV	107761	199366	26.52%	2.539%
22	9.480	1018	1020	1026	rVB2	3315	3860	0.51%	0.049%
23	9.574	1032	1036	1040	rVV2	1778	1968	0.26%	0.025%
24	9.838	1077	1081	1086	rBV2	5988	8896	1.18%	0.113%
25	10.149	1127	1134	1143	rVB	76987	140432	18.68%	1.788%
26	10.696	1219	1227	1235	rBV	126302	220188	29.29%	2.804%
27	10.831	1243	1250	1258	rBV4	4251	8077	1.07%	0.103%
28	11.042	1281	1286	1287	rVV2	2188	2729	0.36%	0.035%
29	11.083	1287	1293	1299	rVV	143645	257648	34.28%	3.281%
30	11.130	1299	1301	1307	rVV3	9321	15462	2.06%	0.197%
31	11.207	1307	1314	1322	rVV	119642	220415	29.32%	2.807%
32	11.606	1380	1382	1389	rVB	1597	2771	0.37%	0.035%
33	12.094	1461	1465	1469	rVB3	1998	3820	0.51%	0.049%
34	12.475	1525	1530	1536	rVB2	6348	10209	1.36%	0.130%
35	12.658	1555	1561	1563	rBV3	2076	3053	0.41%	0.039%
36	12.728	1569	1573	1579	rVB2	4619	7215	0.96%	0.092%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011522\
Data File : BG052009.D
Acq On : 15 Jan 2022 23:57
Operator : CG/JU
Sample : N1100-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGLT0

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-BG010622.M
Title : SVOA CALIBRATION

37	12.875	1594	1598	1600	rBV2	1144	1963	0.26%	0.025%
38	12.945	1603	1610	1614	rVB3	2688	5682	0.76%	0.072%
39	13.098	1631	1636	1639	rBV3	2338	4060	0.54%	0.052%
40	13.139	1639	1643	1646	rVV2	1773	3248	0.43%	0.041%
41	13.274	1661	1666	1670	rBV3	2541	4581	0.61%	0.058%
42	13.333	1672	1676	1677	rBV	1220	1898	0.25%	0.024%
43	13.415	1688	1690	1696	rVV4	3295	3905	0.52%	0.050%
44	13.697	1733	1738	1747	rVV6	11671	25653	3.41%	0.327%
45	13.774	1747	1751	1754	rVV6	3085	4213	0.56%	0.054%
46	13.827	1758	1760	1765	rVV6	1957	2958	0.39%	0.038%
47	13.885	1768	1770	1774	rVB3	2288	2461	0.33%	0.031%
48	13.932	1774	1778	1779	rBV2	2440	3099	0.41%	0.039%
49	14.056	1795	1799	1801	rBV4	3113	4082	0.54%	0.052%
50	14.220	1822	1827	1831	rVV6	5710	8943	1.19%	0.114%
51	14.279	1831	1837	1844	rVV	299488	430085	57.22%	5.477%
52	14.326	1844	1845	1848	rVV2	2974	3033	0.40%	0.039%
53	14.355	1848	1850	1853	rVB4	2594	2771	0.37%	0.035%
54	14.508	1873	1876	1879	rBV4	2600	3059	0.41%	0.039%
55	14.584	1883	1889	1896	rVV	337622	511926	68.11%	6.519%
56	14.719	1910	1912	1916	rVB5	3066	4358	0.58%	0.055%
57	14.766	1916	1920	1924	rBV2	9988	12159	1.62%	0.155%
58	14.890	1933	1941	1948	rVB	241216	376441	50.08%	4.793%
59	14.960	1949	1953	1960	rVB7	3937	8708	1.16%	0.111%
60	15.019	1960	1963	1965	rBV3	1598	1895	0.25%	0.024%
61	15.043	1965	1967	1970	rVB	1992	2229	0.30%	0.028%
62	15.072	1970	1972	1974	rBV2	3211	3677	0.49%	0.047%
63	15.242	1999	2001	2003	rBV2	1771	1865	0.25%	0.024%
64	15.278	2003	2007	2012	rVB5	8715	12176	1.62%	0.155%
65	15.360	2017	2021	2023	rBV4	3307	3201	0.43%	0.041%
66	15.560	2050	2055	2057	rBV6	5509	7514	1.00%	0.096%
67	15.654	2068	2071	2072	rBV3	4126	3145	0.42%	0.040%
68	15.677	2072	2075	2078	rVV4	6750	10340	1.38%	0.132%
69	15.712	2078	2081	2085	rVV4	9731	12943	1.72%	0.165%
70	15.806	2095	2097	2098	rBV2	2949	2112	0.28%	0.027%
71	15.877	2103	2109	2115	rVV	398939	617719	82.18%	7.866%
72	16.029	2134	2135	2137	rBV2	4466	3262	0.43%	0.042%
73	16.059	2139	2140	2143	rVB3	2983	2226	0.30%	0.028%
74	16.123	2145	2151	2155	rBV9	8619	14702	1.96%	0.187%
75	16.217	2165	2167	2170	rVV3	4632	4350	0.58%	0.055%
76	16.306	2180	2182	2184	rBV3	3659	2510	0.33%	0.032%

LSC Area Percent Report

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Sample : N1100-16
Misc :
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Instrument :
BNA_G
ClientSampleId :
BGLT0

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
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Title : SVOA CALIBRATION

77	16.335	2184	2187	2189	rBV4	3102	3242	0.43%	0.041%
78	16.499	2213	2215	2216	rBV2	3160	3062	0.41%	0.039%
79	16.511	2216	2217	2218	rVV	4935	2262	0.30%	0.029%
80	16.576	2220	2228	2230	rVV7	17387	35891	4.78%	0.457%
81	16.605	2230	2233	2237	rVB5	16694	22201	2.95%	0.283%
82	16.687	2245	2247	2249	rBV4	3813	3406	0.45%	0.043%
83	16.734	2251	2255	2256	rBV4	3771	4463	0.59%	0.057%
84	17.081	2312	2314	2318	rBV5	5510	6348	0.84%	0.081%
85	17.287	2346	2349	2354	rBV7	7563	13964	1.86%	0.178%
86	17.369	2360	2363	2367	rVB5	18947	24022	3.20%	0.306%
87	17.639	2402	2409	2413	rBV	283114	429225	57.11%	5.466%
88	17.680	2413	2416	2420	rVV	58117	84506	11.24%	1.076%
89	17.739	2420	2426	2435	rVB	415026	646475	86.01%	8.232%
90	18.115	2486	2490	2495	rBV2	15934	22273	2.96%	0.284%
91	18.215	2505	2507	2508	rBV2	8987	5994	0.80%	0.076%
92	18.508	2554	2557	2562	rBV7	18170	33933	4.51%	0.432%
93	19.419	2709	2712	2716	rBV4	37435	56067	7.46%	0.714%
94	19.683	2753	2757	2762	rVB	141442	185444	24.67%	2.361%
95	20.018	2808	2814	2818	rBV	466550	751636	100.00%	9.571%
96	20.523	2898	2900	2904	rVB2	65432	72663	9.67%	0.925%
97	21.029	2983	2986	2989	rVB	70115	76926	10.23%	0.980%
98	21.563	3074	3077	3081	rVB	86687	102623	13.65%	1.307%
99	21.957	3138	3144	3150	rBV2	201273	392425	52.21%	4.997%
100	25.211	3691	3698	3707	rVB2	184592	472720	62.89%	6.019%

Sum of corrected areas: 7853183

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011522\
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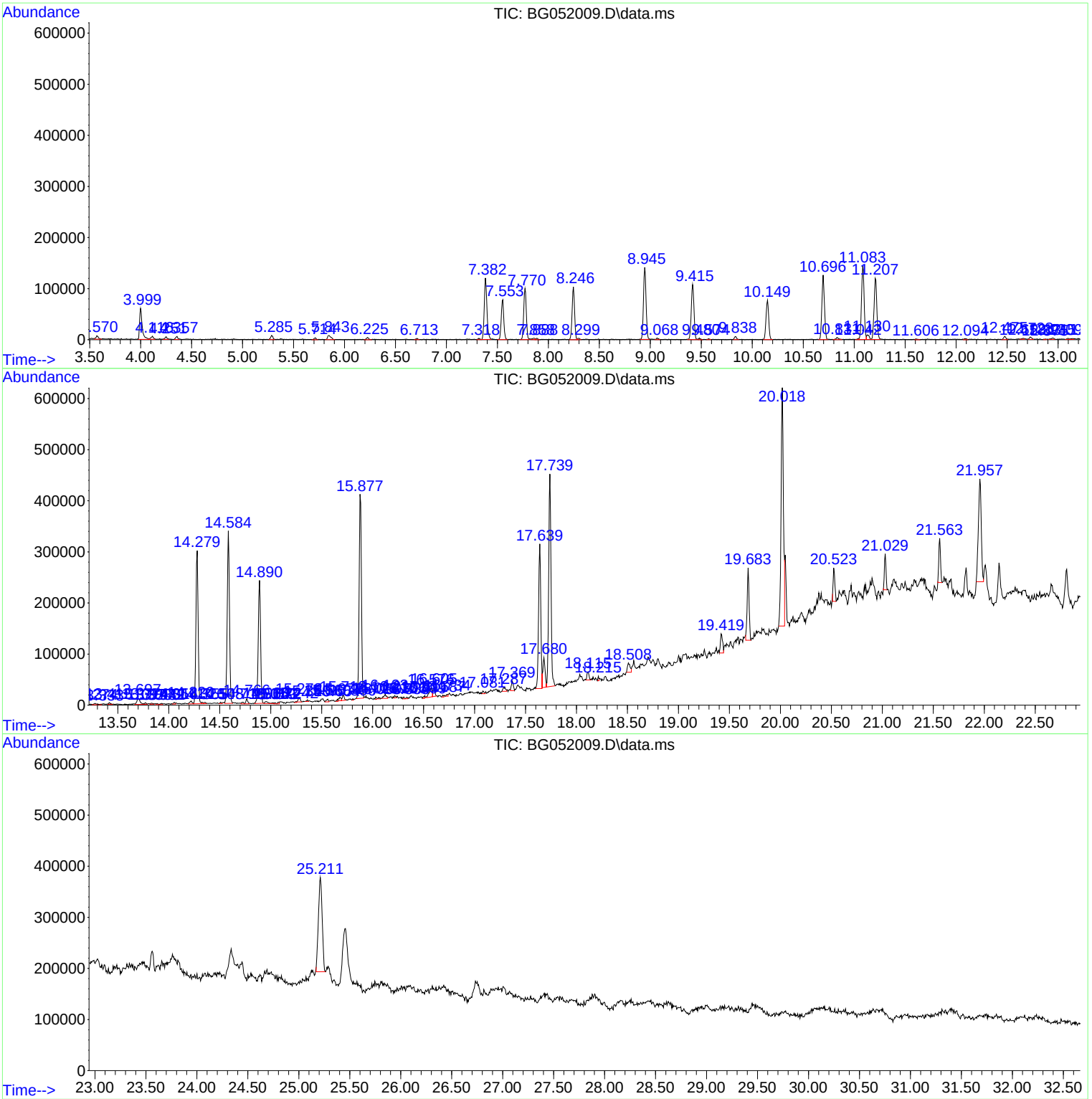
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGLT0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011522\
Data File : BG052009.D
Acq On : 15 Jan 2022 23:57
Operator : CG/JU
Sample : N1100-16
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Instrument :
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ClientSampleId :
BGLT0

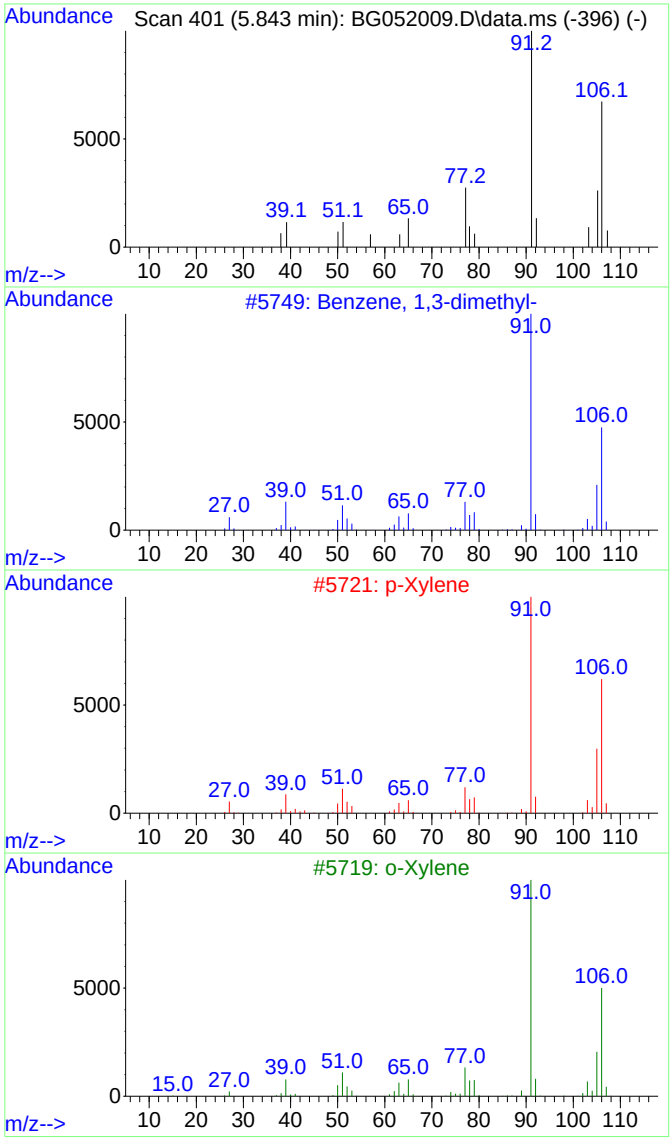
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

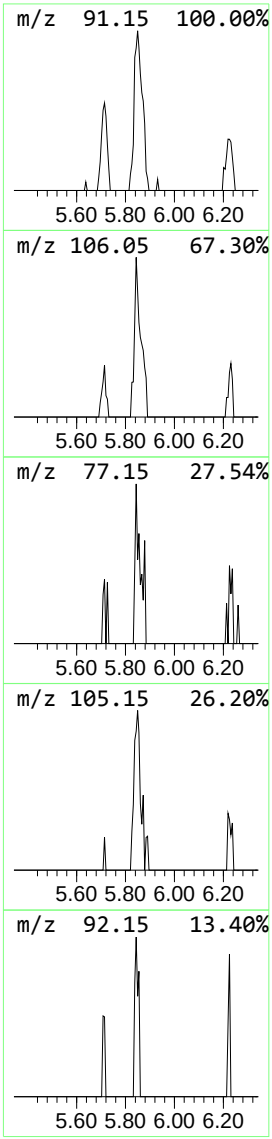
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.843	2.16 ng/ul	18610	1,4-Dichlorobenzene-d4	8.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	90
2	p-Xylene	106	C8H10	000106-42-3	90
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	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011522\
Data File : BG052009.D
Acq On : 15 Jan 2022 23:57
Operator : CG/JU
Sample : N1100-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGLT0

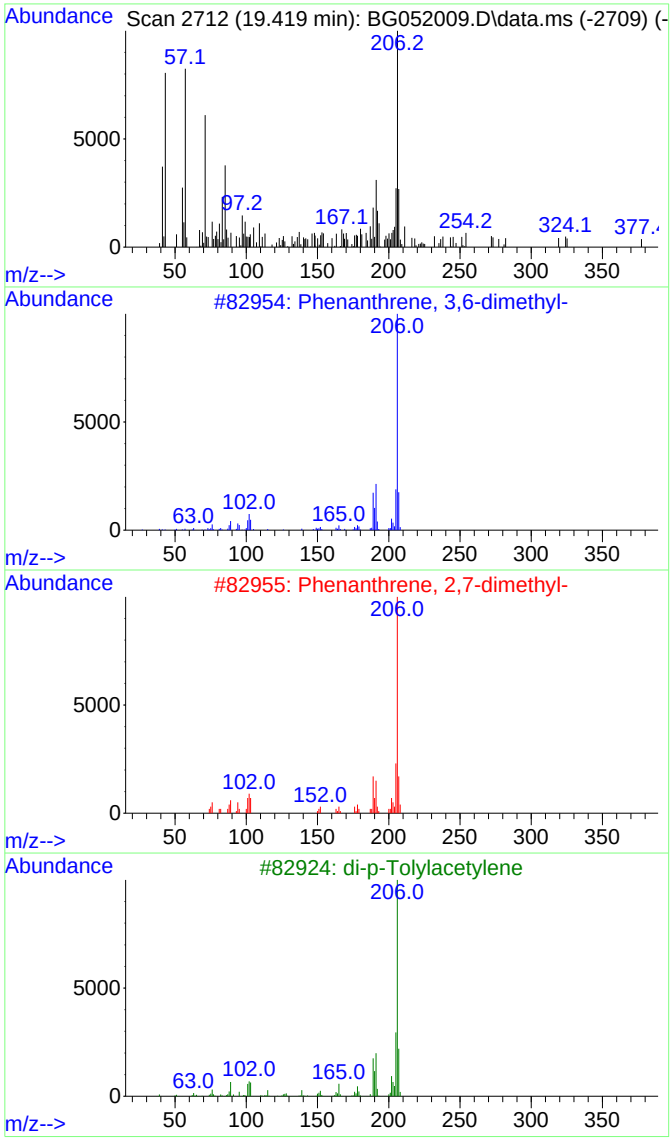
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

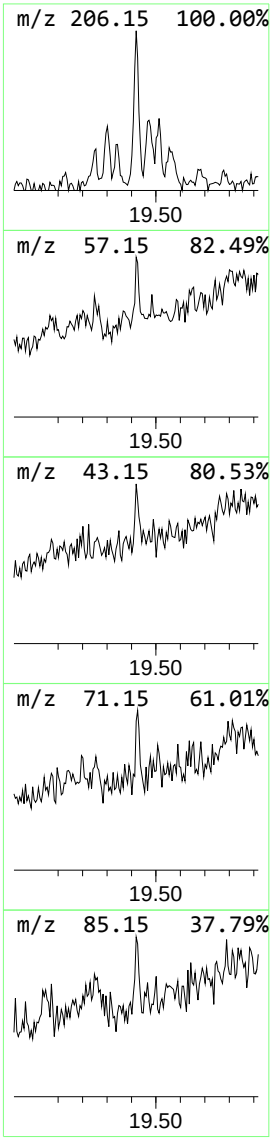
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenanthrene, 3,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.419	2.61 ng/ul	56067	Phenanthrene-d10	17.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	60
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	58
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	55
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	53
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011522\
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Acq On : 15 Jan 2022 23:57
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Sample : N1100-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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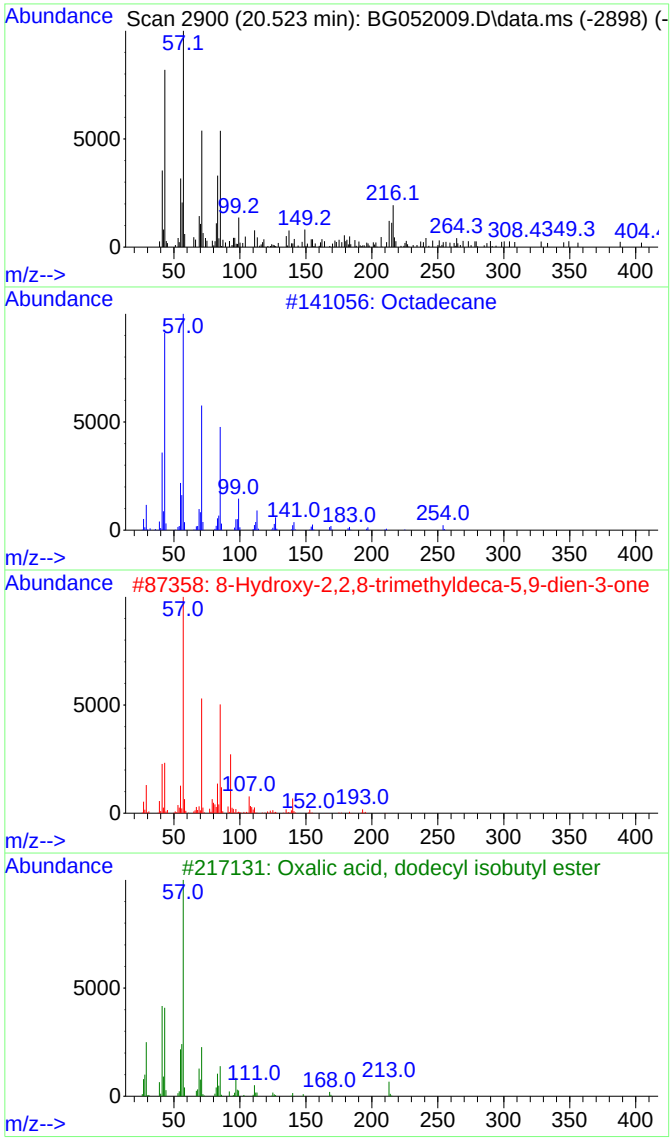
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

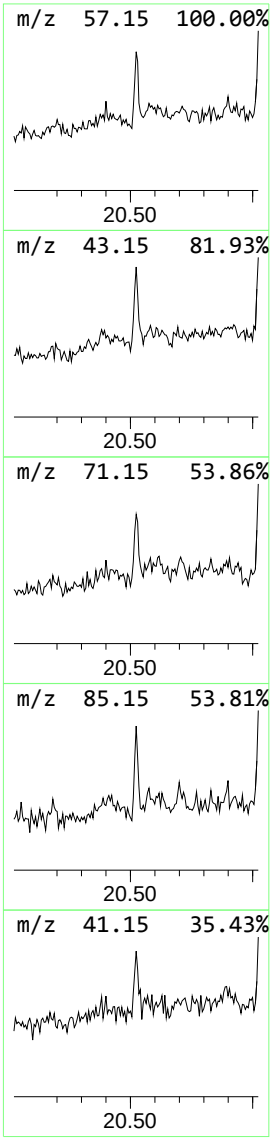
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.523	3.70 ng/ul	72663	Chrysene-d12	21.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	49
2	8-Hydroxy-2,2,8-trimethyldeca-5,...	210	C13H22O2	083040-92-0	43
3	Oxalic acid, dodecyl isobutyl ester	314	C18H34O4	1000309-37-7	38
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	38
5	Octacosane	394	C28H58	000630-02-4	35





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Acq On : 15 Jan 2022 23:57
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Sample : N1100-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGLT0

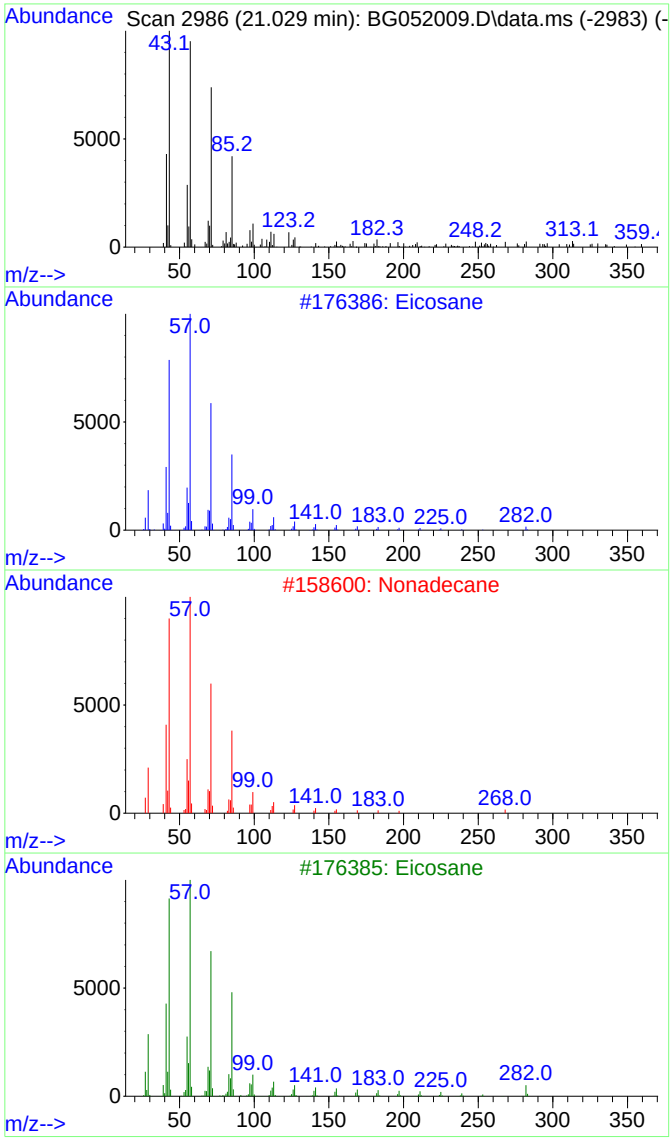
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

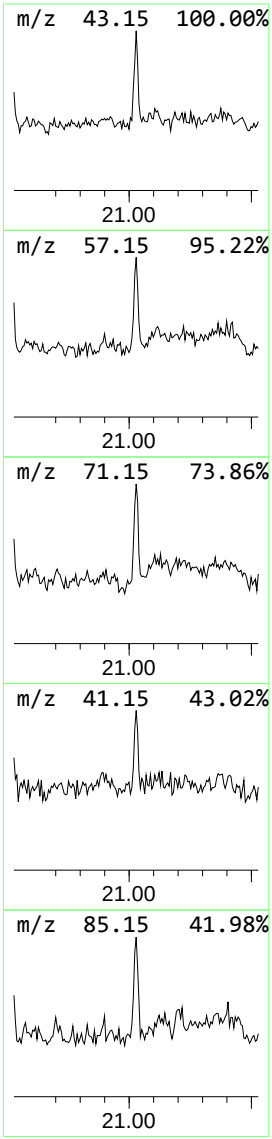
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.029	3.92 ng/ul	76926	Chrysene-d12	21.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Nonadecane	268	C19H40	000629-92-5	93
3	Eicosane	282	C20H42	000112-95-8	87
4	Octadecane	254	C18H38	000593-45-3	86
5	Nonadecane	268	C19H40	000629-92-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011522\
Data File : BG052009.D
Acq On : 15 Jan 2022 23:57
Operator : CG/JU
Sample : N1100-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGLT0

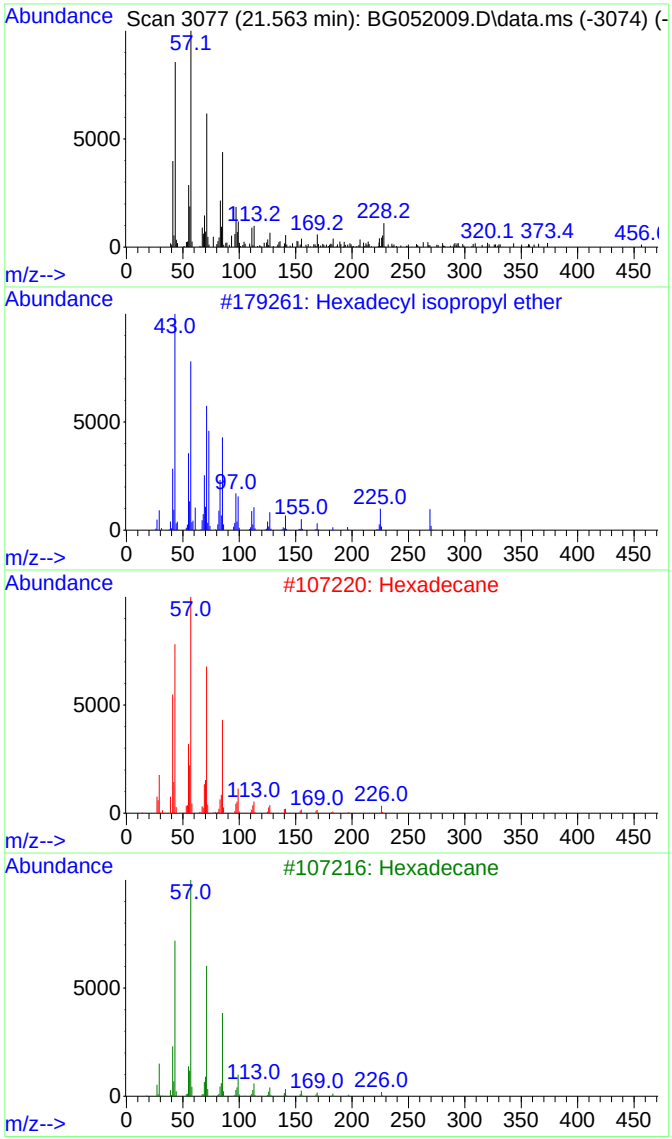
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION

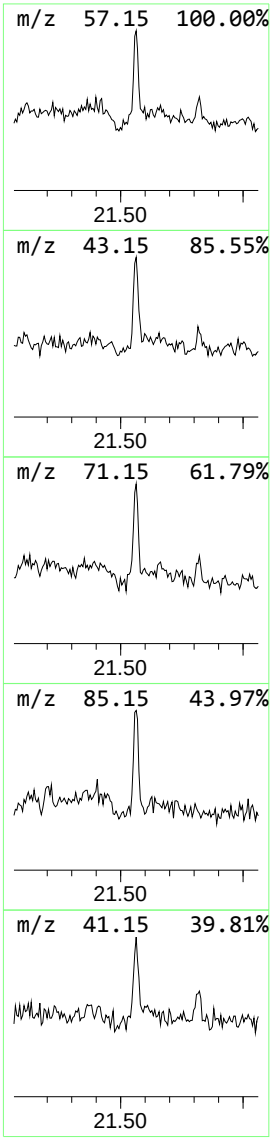
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexadecyl isopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.563	5.23 ng/ul	102623	Chrysene-d12	21.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecyl isopropyl ether	284	C19H40O	1000406-34-1	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tritetracontane	605	C43H88	007098-21-7	83
5	Tetratetracontane	619	C44H90	007098-22-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011522\
Data File : BG052009.D
Acq On : 15 Jan 2022 23:57
Operator : CG/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGLT0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.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
Benzene, 1,3-di...	5.843	2.2	ng/ul	18610	1	8.246	172404	20.0
Phenanthrene, 3...	19.419	2.6	ng/ul	56067	4	17.639	429225	20.0
(DEL) Alkane: S...	20.523	3.7	ng/ul	72663	5	21.957	392425	20.0
(DEL) Alkane: S...	21.029	3.9	ng/ul	76926	5	21.957	392425	20.0
Hexadecyl isopr...	21.563	5.2	ng/ul	102623	5	21.957	392425	20.0