LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063785.D
Acq On : 23 Dec 2024 15:44
Operator : RC/JU
Sample : P5265-18MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903MEDL

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-BG121124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG063785.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.811	461	463	469	rVB5	18432	26874	0.79%	0.089%
2	6.293	541	545	553	rVB4	25820	43844	1.29%	0.145%
3	6.469	570	575	581	rVB	155729	233749	6.88%	0.773%
4	6.775	623	627	633	rBV2	27924	51872	1.53%	0.172%
5	6.887	641	646	652	rVV	116688	170852	5.03%	0.565%
6	6.945	652	656	659	rVV3	27876	45821	1.35%	0.152%
7	6.986	659	663	665	rVV3	46741	73812	2.17%	0.244%
8	7.022	665	669	678	rVB	102547	175072	5.15%	0.579%
9	7.127	684	687	692	rVV3	41696	66448	1.96%	0.220%
10	7.186	692	697	704	rVB	75919	133351	3.93%	0.441%
11	7.333	719	722	729	rVB2	43976	76129	2.24%	0.252%
12	7.445	733	741	749	rBV	197203	308765	9.09%	1.021%
13	7.797	795	801	812	rVV	371556	646785	19.04%	2.140%
14	7.915	815	821	827	rVB3	49459	94394	2.78%	0.312%
15	8.285	879	884	889	rBV5	18471	34935	1.03%	0.116%
16	8.338	891	893	899	rVB6	16711	27855	0.82%	0.092%
17	8.432	904	909	913	rBV3	33940	60355	1.78%	0.200%
18	8.520	920	924	930	rVB4	38106	67213	1.98%	0.222%
19	8.614	937	940	949	rVB4	23357	48123	1.42%	0.159%
20	8.749	959	963	968	rBV5	17290	32806	0.97%	0.109%
21	8.802	968	972	977	rVB5	18746	23038	0.68%	0.076%
22	8.896	985	988	993	rVB3	31330	46948	1.38%	0.155%
23	8.955	993	998	1003	rBV3	40998	78230	2.30%	0.259%
24	9.495	1085	1090	1097	rBV5	11390	22504	0.66%	0.074%
25	9.677	1117	1121	1128	rBV6	33951	62034	1.83%	0.205%
26	10.236	1210	1216	1223	rBV5	44596	93896	2.76%	0.311%
27	10.582	1267	1275	1281	rBV	496026	900931	26.52%	2.980%
28	10.635	1282	1284	1293	rVB	48693	73691	2.17%	0.244%
29	10.741	1297	1302	1305	rBV7	15819	28550	0.84%	0.094%
30	12.251	1554	1559	1566	rVB4	29266	55400	1.63%	0.183%
31	12.474	1592	1597	1603	rVB3	24197	39280	1.16%	0.130%
32	13.273	1727	1733	1736	rBV4	14242	23412	0.69%	0.077%
33	13.767	1809	1817	1822	rBV5	20778	47908	1.41%	0.158%
34	13.843	1825	1830	1838	rVV	128906	200800	5.91%	0.664%
35	13.990	1853	1855	1860	rVV3	10142	15552	0.46%	0.051%
36	14.131	1868	1879	1891	rBV2	144469	272751	8.03%	0.902%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063785.D
Acq On : 23 Dec 2024 15:44
Operator : RC/JU
Sample : P5265-18MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903MEDL

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-BG121124.MA.M
Title : SVOA CALIBRATION

37	14.437	1924	1931	1938	rBV	984178	1495129	44.02%	4.946%
38	14.501	1938	1942	1951	rVB	106771	175040	5.15%	0.579%
39	14.578	1951	1955	1959	rBV3	12463	18235	0.54%	0.060%
40	14.695	1971	1975	1980	rVV5	19378	43658	1.29%	0.144%
41	14.748	1983	1984	1991	rVV2	15030	14962	0.44%	0.049%
42	14.836	1993	1999	2011	rVV	114228	207073	6.10%	0.685%
43	15.435	2095	2101	2106	rVV	201026	312957	9.21%	1.035%
44	15.488	2106	2110	2118	rVB2	112626	189432	5.58%	0.627%
45	15.576	2120	2125	2130	rBV5	36128	62365	1.84%	0.206%
46	15.659	2134	2139	2144	rBV5	13327	21523	0.63%	0.071%
47	15.741	2149	2153	2156	rBV5	11946	17129	0.50%	0.057%
48	15.794	2157	2162	2170	rVB3	65965	125601	3.70%	0.416%
49	15.941	2180	2187	2193	rBV4	40886	88435	2.60%	0.293%
50	16.029	2196	2202	2205	rBV5	10463	23254	0.68%	0.077%
51	16.158	2220	2224	2234	rVV7	28227	56029	1.65%	0.185%
52	16.505	2271	2283	2288	rBV7	19532	55042	1.62%	0.182%
53	16.728	2313	2321	2325	rBV9	12848	28558	0.84%	0.094%
54	16.763	2325	2327	2332	rVV5	13509	21557	0.63%	0.071%
55	16.845	2335	2341	2349	rVV	159116	248392	7.31%	0.822%
56	16.934	2349	2356	2358	rVV6	17821	34352	1.01%	0.114%
57	16.975	2361	2363	2364	rVV2	14996	13941	0.41%	0.046%
58	17.010	2364	2369	2375	rVV	103022	163803	4.82%	0.542%
59	17.192	2393	2400	2403	rBV	1395890	2122752	62.50%	7.023%
60	17.233	2403	2407	2412	rVB	2005786	2793557	82.25%	9.242%
61	17.286	2412	2416	2420	rBV	256596	362122	10.66%	1.198%
62	17.598	2464	2469	2474	rBV	142177	207343	6.10%	0.686%
63	17.715	2485	2489	2495	rVB6	23810	40881	1.20%	0.135%
64	17.774	2495	2499	2506	rVB9	27343	47898	1.41%	0.158%
65	17.991	2531	2536	2542	rBV8	13985	23855	0.70%	0.079%
66	18.068	2544	2549	2553	rVV2	110157	159509	4.70%	0.528%
67	18.115	2553	2557	2563	rVB	148078	223023	6.57%	0.738%
68	18.191	2568	2570	2576	rVB4	16795	24533	0.72%	0.081%
69	18.261	2576	2582	2586	rBV2	147755	259055	7.63%	0.857%
70	18.385	2597	2603	2605	rVB6	16494	26186	0.77%	0.087%
71	18.420	2605	2609	2613	rBV6	19701	31177	0.92%	0.103%
72	18.514	2619	2625	2628	rBV6	11374	18573	0.55%	0.061%
73	18.567	2631	2634	2638	rVV	94588	144331	4.25%	0.477%
74	18.614	2638	2642	2649	rVV	329495	472647	13.92%	1.564%
75	18.690	2653	2655	2662	rVB5	13771	17438	0.51%	0.058%
76	18.826	2672	2678	2680	rVV6	21535	35085	1.03%	0.116%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063785.D
Acq On : 23 Dec 2024 15:44
Operator : RC/JU
Sample : P5265-18MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903MEDL

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-BG121124.MA.M
Title : SVOA CALIBRATION

77	18.990	2700	2706	2710	rBV4	32070	57634	1.70%	0.191%
78	19.131	2725	2730	2737	rVB2	74501	126994	3.74%	0.420%
79	19.254	2745	2751	2758	rBV	2195951	3020170	88.92%	9.991%
80	19.313	2758	2761	2765	rVV6	28892	36324	1.07%	0.120%
81	19.354	2766	2768	2772	rVB4	24144	21609	0.64%	0.071%
82	19.454	2783	2785	2789	rVB4	21276	24349	0.72%	0.081%
83	19.495	2789	2792	2797	rBV3	41017	58464	1.72%	0.193%
84	19.589	2802	2808	2809	rBV3	557800	764940	22.52%	2.531%
85	19.619	2809	2813	2822	rVV	1299186	2040675	60.08%	6.751%
86	19.689	2822	2825	2832	rVB4	73246	112175	3.30%	0.371%
87	19.801	2839	2844	2849	rBV	69639	99919	2.94%	0.331%
88	19.948	2863	2869	2875	rBV7	60608	161150	4.74%	0.533%
89	20.077	2888	2891	2893	rBV3	41749	54792	1.61%	0.181%
90	20.212	2910	2914	2918	rBV	62335	82887	2.44%	0.274%
91	20.271	2919	2924	2927	rBV3	75323	118008	3.47%	0.390%
92	20.353	2935	2938	2941	rBV5	30136	35744	1.05%	0.118%
93	20.864	3021	3025	3031	rVB	134022	189162	5.57%	0.626%
94	21.035	3048	3054	3058	rBV3	131919	237149	6.98%	0.785%
95	21.076	3059	3061	3065	rVB	68205	87245	2.57%	0.289%
96	21.434	3114	3122	3127	rBV3	1687454	3396540	100.00%	11.236%
97	21.481	3127	3130	3141	rVB	618425	982799	28.94%	3.251%
98	21.628	3151	3155	3161	rVB5	61269	103170	3.04%	0.341%
99	23.497	3466	3473	3480	rBV	373346	1086739	32.00%	3.595%
100	24.448	3626	3635	3649	rVB2	944155	2498722	73.57%	8.266%

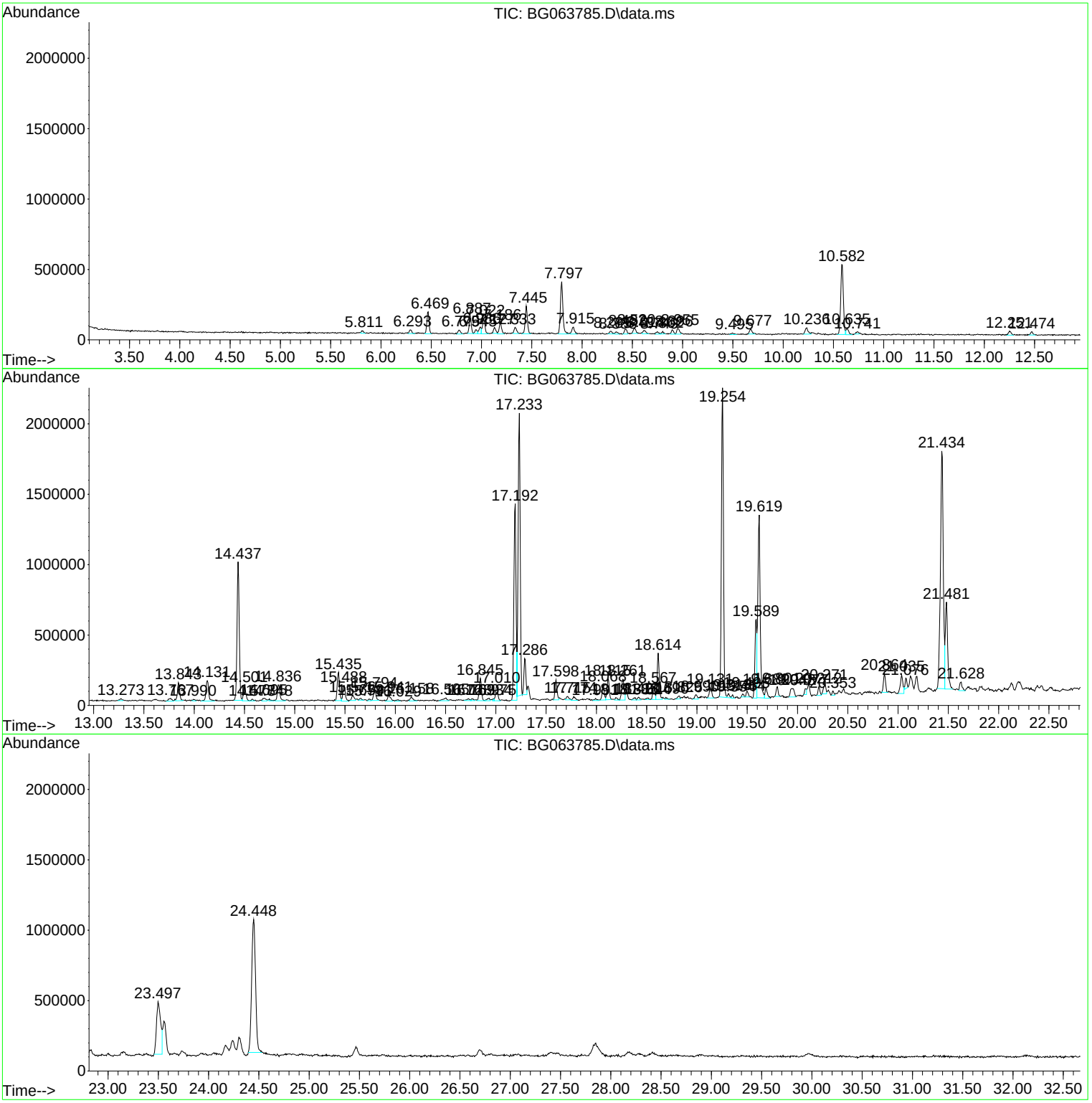
Sum of corrected areas: 30227772

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063785.D
Acq On : 23 Dec 2024 15:44
Operator : RC/JU
Sample : P5265-18MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063785.D
Acq On : 23 Dec 2024 15:44
Operator : RC/JU
Sample : P5265-18MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903MEDL

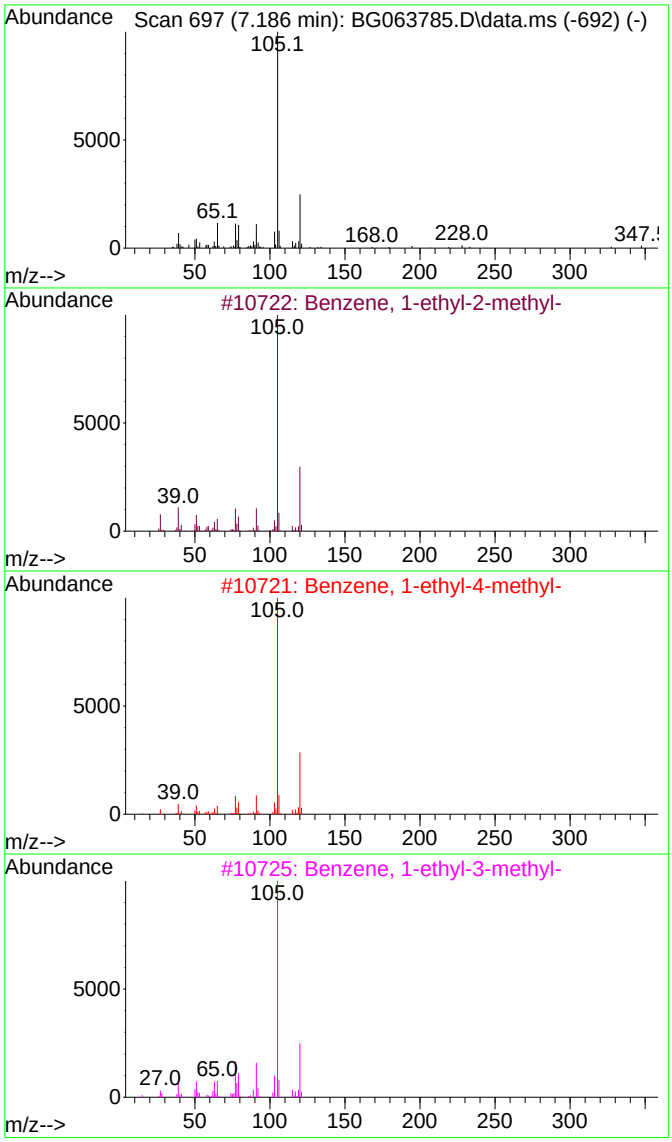
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

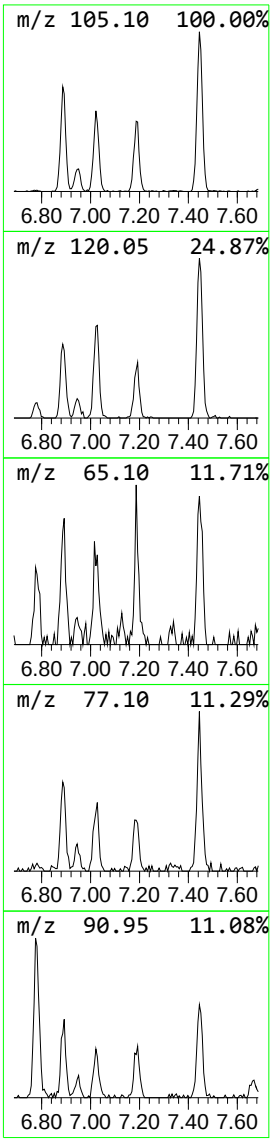
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.186	4.12 ng/ul	133351	1,4-Dichlorobenzene-d4	7.797

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063785.D
Acq On : 23 Dec 2024 15:44
Operator : RC/JU
Sample : P5265-18MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

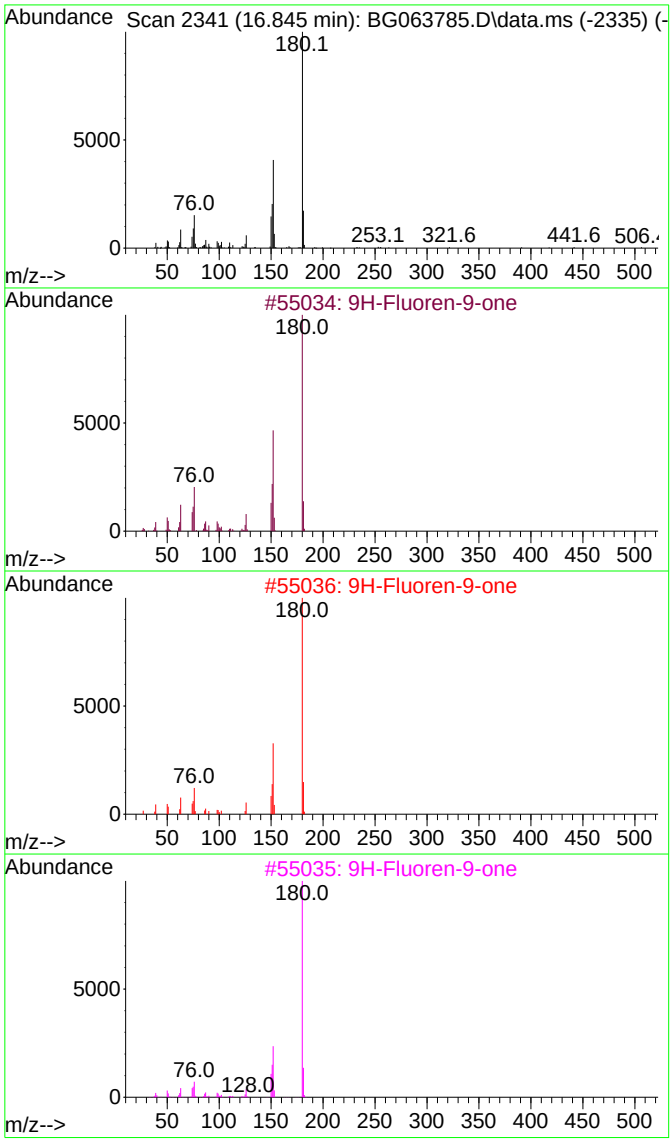
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

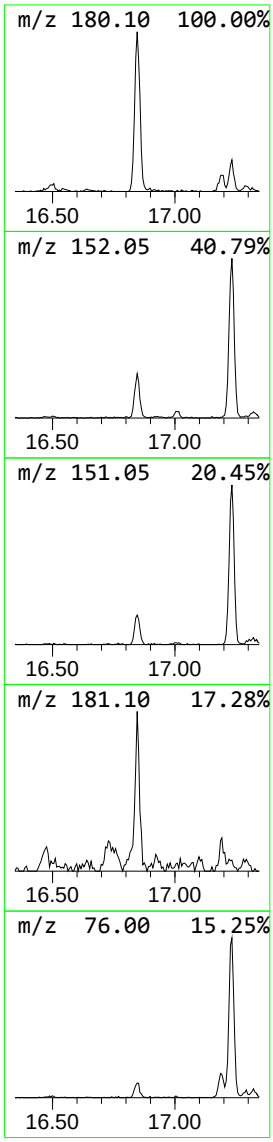
****

Peak Number 6 9H-Fluoren-9-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.846	2.34 ng/ul	248392	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063785.D
Acq On : 23 Dec 2024 15:44
Operator : RC/JU
Sample : P5265-18MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903MEDL

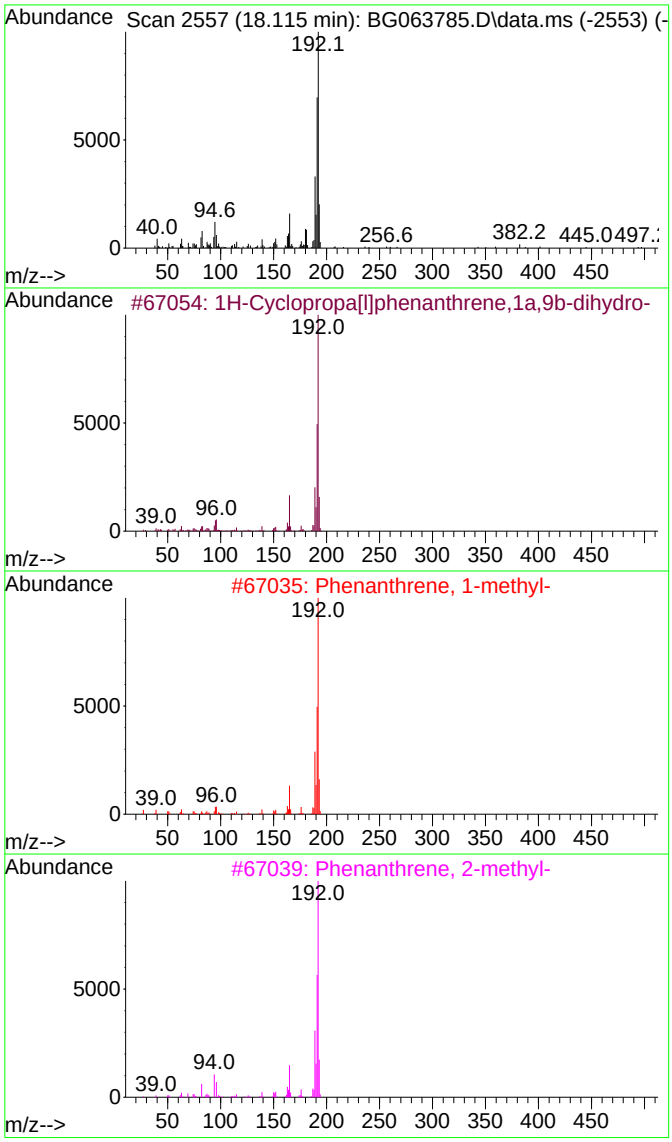
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

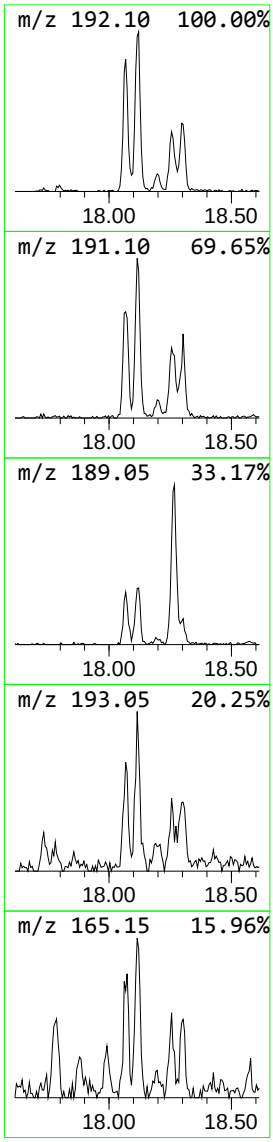
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.115	2.10 ng/ul	223023	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063785.D
Acq On : 23 Dec 2024 15:44
Operator : RC/JU
Sample : P5265-18MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903MEDL

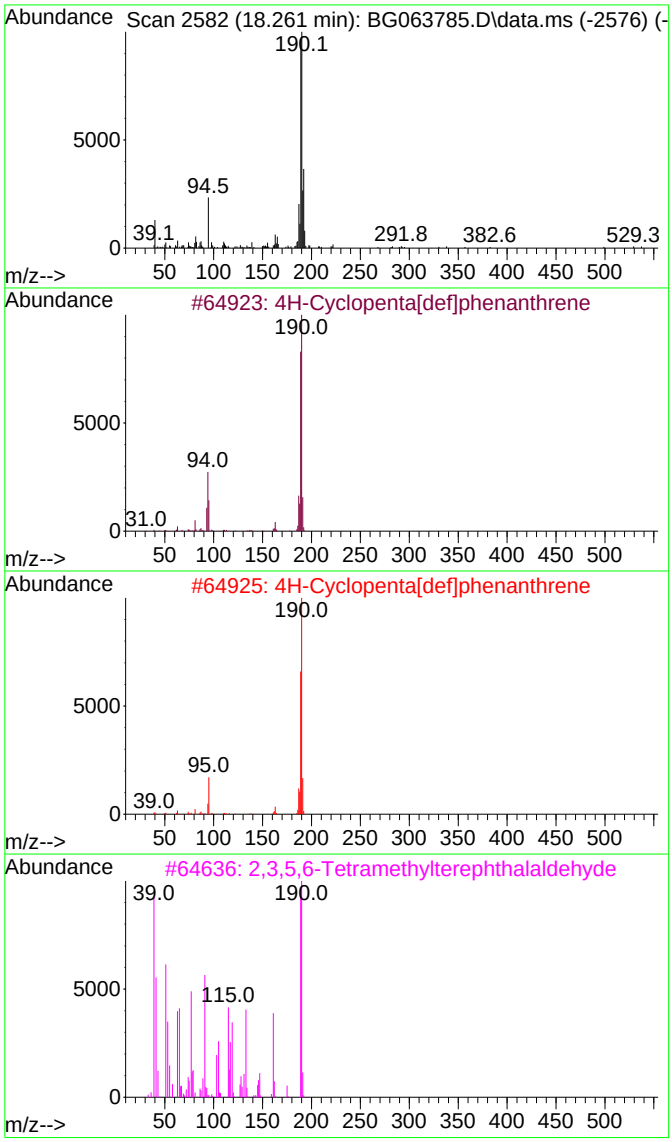
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

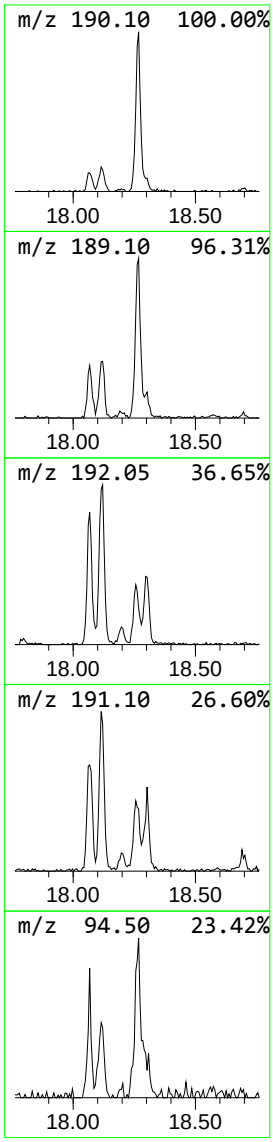
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.262	2.44 ng/ul	259055	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	46
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063785.D
Acq On : 23 Dec 2024 15:44
Operator : RC/JU
Sample : P5265-18MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

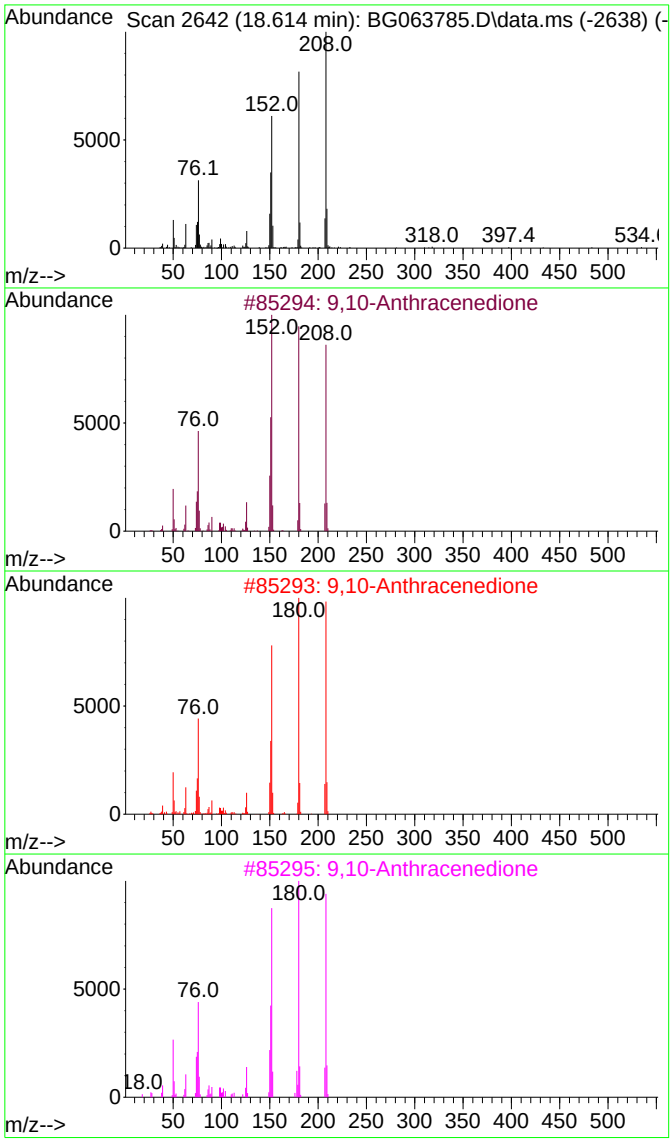
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

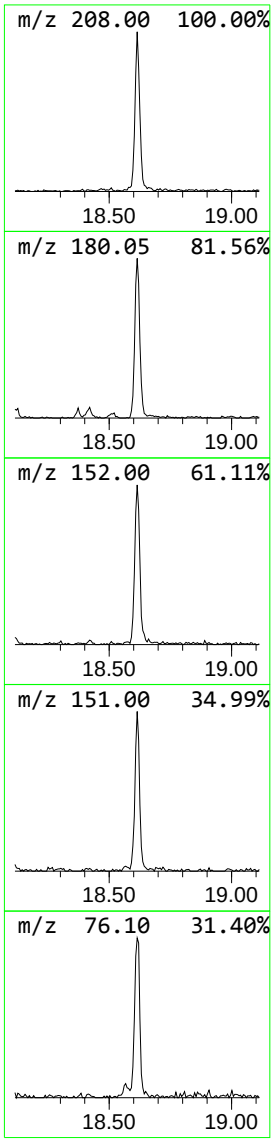
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.614	4.45 ng/ul	472647	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063785.D
Acq On : 23 Dec 2024 15:44
Operator : RC/JU
Sample : P5265-18MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903MEDL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.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-ethy...	7.186	4.1	ng/ul	133351	1	7.797	646785	20.0
9H-Fluoren-9-one	16.846	2.3	ng/ul	248392	4	17.192	2122750	20.0
1H-Cyclopropa[l...	18.115	2.1	ng/ul	223023	4	17.192	2122750	20.0
4H-Cyclopenta[d...	18.262	2.4	ng/ul	259055	4	17.192	2122750	20.0
9,10-Anthracene...	18.614	4.5	ng/ul	472647	4	17.192	2122750	20.0