LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

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: BG063781.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.817	459	464	469	rVB2	84836	142043	1.17%	0.126%
2	6.293	539	545	551	rBV2	125699	214937	1.77%	0.191%
3	6.469	568	575	583	rBV	793325	1136318	9.38%	1.012%
4	6.781	622	628	637	rVB	138073	219459	1.81%	0.195%
5	6.892	641	647	652	rVV	506230	777690	6.42%	0.692%
6	6.945	652	656	659	rVV	138008	216203	1.78%	0.192%
7	6.986	659	663	666	rVV	244774	429992	3.55%	0.383%
8	7.027	666	670	676	rVB	468215	738037	6.09%	0.657%
9	7.127	681	687	693	rVV	205507	344882	2.85%	0.307%
10	7.192	693	698	707	rVB	354283	584077	4.82%	0.520%
11	7.339	715	723	732	rBV2	228393	410675	3.39%	0.366%
12	7.450	735	742	752	rVB	902114	1432576	11.82%	1.275%
13	7.797	795	801	807	rBV	351884	603989	4.98%	0.538%
14	7.915	814	821	828	rVV	226871	383727	3.17%	0.342%
15	8.291	877	885	890	rBV2	107372	177742	1.47%	0.158%
16	8.432	904	909	915	rVV	184226	298765	2.47%	0.266%
17	8.520	915	924	933	rVV	254924	480768	3.97%	0.428%
18	8.614	933	940	949	rVB	129319	256772	2.12%	0.229%
19	8.896	982	988	993	rBV	130498	216698	1.79%	0.193%
20	8.955	993	998	1007	rVV	232833	421214	3.48%	0.375%
21	9.677	1113	1121	1133	rBV2	184184	366030	3.02%	0.326%
22	10.224	1207	1214	1221	rBV	291904	531990	4.39%	0.474%
23	10.588	1269	1276	1281	rVV	484344	875077	7.22%	0.779%
24	10.635	1281	1284	1293	rVB	201225	338727	2.80%	0.302%
25	10.729	1293	1300	1310	rBV4	124398	290903	2.40%	0.259%
26	12.251	1552	1559	1567	rBV	151325	254917	2.10%	0.227%
27	12.468	1591	1596	1606	rVB2	99463	175669	1.45%	0.156%
28	13.755	1808	1815	1821	rBV5	71531	147431	1.22%	0.131%
29	13.843	1821	1830	1835	rVV	645405	967040	7.98%	0.861%
30	14.131	1872	1879	1891	rBV	760471	1187232	9.80%	1.057%
31	14.436	1922	1931	1937	rBV	914784	1480295	12.22%	1.318%
32	14.501	1937	1942	1949	rVB	510756	782670	6.46%	0.697%
33	14.677	1960	1972	1980	rBV2	190721	417513	3.45%	0.372%
34	14.836	1990	1999	2007	rBV	601842	933841	7.71%	0.831%
35	15.435	2093	2101	2106	rVV	1016715	1582337	13.06%	1.409%
36	15.488	2106	2110	2119	rVV	566982	853034	7.04%	0.759%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : E2903ME

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	15.570	2119	2124	2129	rVV2	298559	469446	3.87%	0.418%
38	15.794	2156	2162	2174	rVB2	373990	657568	5.43%	0.585%
39	15.935	2180	2186	2194	rVB	177375	361434	2.98%	0.322%
40	16.158	2219	2224	2231	rBV4	118876	221625	1.83%	0.197%
41	16.722	2311	2320	2324	rBV7	65259	135323	1.12%	0.120%
42	16.845	2335	2341	2348	rVV	823263	1190478	9.82%	1.060%
43	17.010	2360	2369	2376	rVB	476893	752086	6.21%	0.670%
44	17.192	2393	2400	2403	rBV	1263987	2017805	16.65%	1.797%
45	17.239	2403	2408	2413	rVV	7725857	11981966	98.88%	10.668%
46	17.292	2413	2417	2420	rVV	1405368	2051784	16.93%	1.827%
47	17.321	2420	2422	2428	rVB	471293	603336	4.98%	0.537%
48	17.597	2463	2469	2477	rVV	718019	1129063	9.32%	1.005%
49	17.709	2481	2488	2495	rVV4	116304	241467	1.99%	0.215%
50	17.774	2495	2499	2507	rVB5	97772	177456	1.46%	0.158%
51	18.067	2543	2549	2553	rBV	513903	781020	6.45%	0.695%
52	18.114	2553	2557	2565	rVV	734523	1059781	8.75%	0.944%
53	18.261	2576	2582	2586	rBV3	690995	1199536	9.90%	1.068%
54	18.297	2586	2588	2597	rVB	287489	411733	3.40%	0.367%
55	18.379	2597	2602	2605	rBV5	81542	133857	1.10%	0.119%
56	18.567	2629	2634	2638	rVV	480136	681620	5.63%	0.607%
57	18.614	2638	2642	2648	rVV	1558900	2178450	17.98%	1.940%
58	18.819	2670	2677	2681	rBV4	103188	200389	1.65%	0.178%
59	18.872	2682	2686	2689	rVV2	80048	132747	1.10%	0.118%
60	18.990	2701	2706	2712	rBV	124125	248022	2.05%	0.221%
61	19.131	2725	2730	2739	rVB	352367	644473	5.32%	0.574%
62	19.260	2744	2752	2758	rVV	8023764	12117306	100.00%	10.789%
63	19.454	2779	2785	2789	rBV2	170341	279273	2.30%	0.249%
64	19.495	2789	2792	2797	rBV2	169729	231499	1.91%	0.206%
65	19.589	2802	2808	2810	rBV3	2502311	3782927	31.22%	3.368%
66	19.619	2810	2813	2821	rVV2	5380014	8518649	70.30%	7.584%
67	19.689	2821	2825	2832	rVB2	257944	399458	3.30%	0.356%
68	19.795	2838	2843	2849	rBV	346814	510315	4.21%	0.454%
69	19.942	2862	2868	2875	rBV3	283122	739905	6.11%	0.659%
70	20.077	2886	2891	2893	rBV3	225108	368650	3.04%	0.328%
71	20.112	2893	2897	2902	rVB	413295	616417	5.09%	0.549%
72	20.212	2909	2914	2918	rBV	287041	403566	3.33%	0.359%
73	20.271	2918	2924	2928	rVV2	328779	638903	5.27%	0.569%
74	20.306	2928	2930	2934	rVB3	161404	181121	1.49%	0.161%
75	20.406	2945	2947	2951	rBV	100546	139269	1.15%	0.124%
76	20.459	2952	2956	2959	rVB3	145770	193600	1.60%	0.172%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

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	20.864	3020	3025	3032	rVB	675669	949387	7.83%	0.845%
78	21.035	3048	3054	3058	rBV2	557211	950990	7.85%	0.847%
79	21.076	3058	3061	3065	rVV	433860	718181	5.93%	0.639%
80	21.129	3065	3070	3075	rVV2	526532	1154617	9.53%	1.028%
81	21.181	3075	3079	3090	rVB	556398	947117	7.82%	0.843%
82	21.305	3097	3100	3109	rVB3	128763	254438	2.10%	0.227%
83	21.428	3111	3121	3126	rVV3	2654532	6581723	54.32%	5.860%
84	21.481	3126	3130	3142	rVB	2788155	4785999	39.50%	4.261%
85	21.622	3150	3154	3161	rBV	233692	355135	2.93%	0.316%
86	21.693	3162	3166	3171	rBV5	99558	190717	1.57%	0.170%
87	21.822	3183	3188	3195	rBV4	143697	301024	2.48%	0.268%
88	22.127	3236	3240	3245	rVB	225656	363385	3.00%	0.324%
89	22.204	3246	3253	3260	rVB5	262577	643175	5.31%	0.573%
90	22.380	3278	3283	3287	rBV2	149177	284973	2.35%	0.254%
91	22.515	3302	3306	3314	rVB4	93138	197265	1.63%	0.176%
92	22.827	3355	3359	3368	rVB7	85098	164842	1.36%	0.147%
93	23.156	3408	3415	3425	rVB4	125061	354199	2.92%	0.315%
94	23.502	3465	3474	3481	rBV	1815813	5510225	45.47%	4.906%
95	23.743	3510	3515	3521	rVB3	148292	305268	2.52%	0.272%
96	24.172	3582	3588	3594	rBV3	294937	779449	6.43%	0.694%
97	24.243	3595	3600	3605	rVV2	447082	1053613	8.70%	0.938%
98	24.307	3605	3611	3624	rVB	589021	1609295	13.28%	1.433%
99	24.448	3625	3635	3644	rBV2	849808	2383515	19.67%	2.122%
100	27.850	4202	4214	4235	rVB4	433785	2023531	16.70%	1.802%

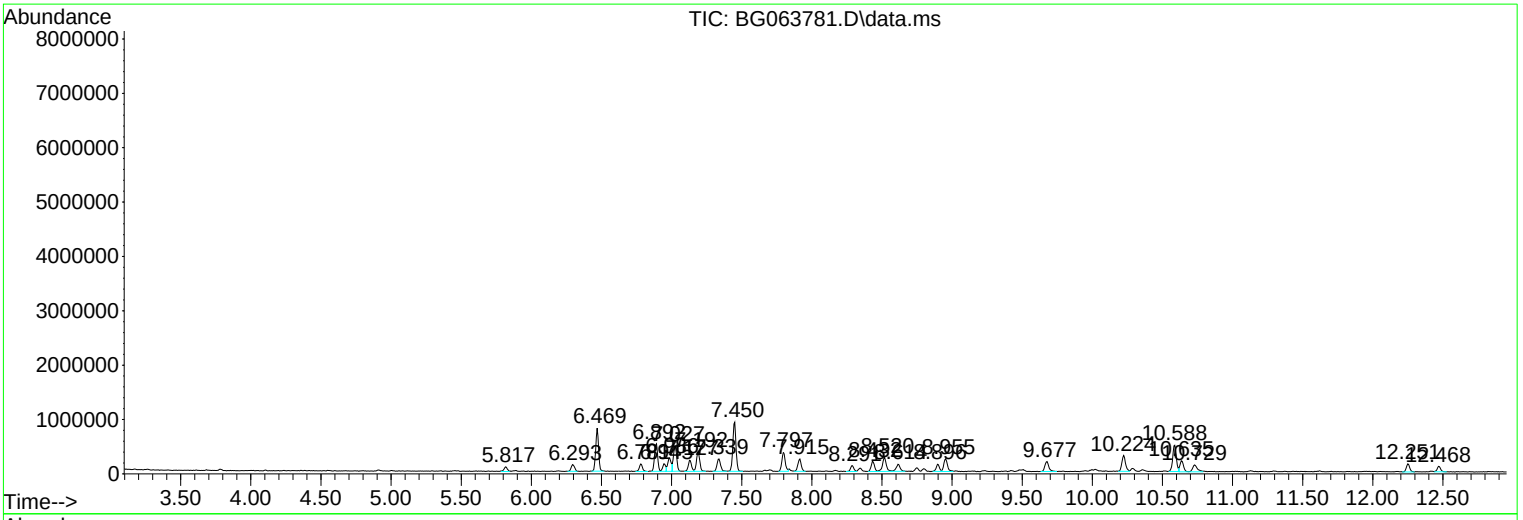
Sum of corrected areas: 112316656

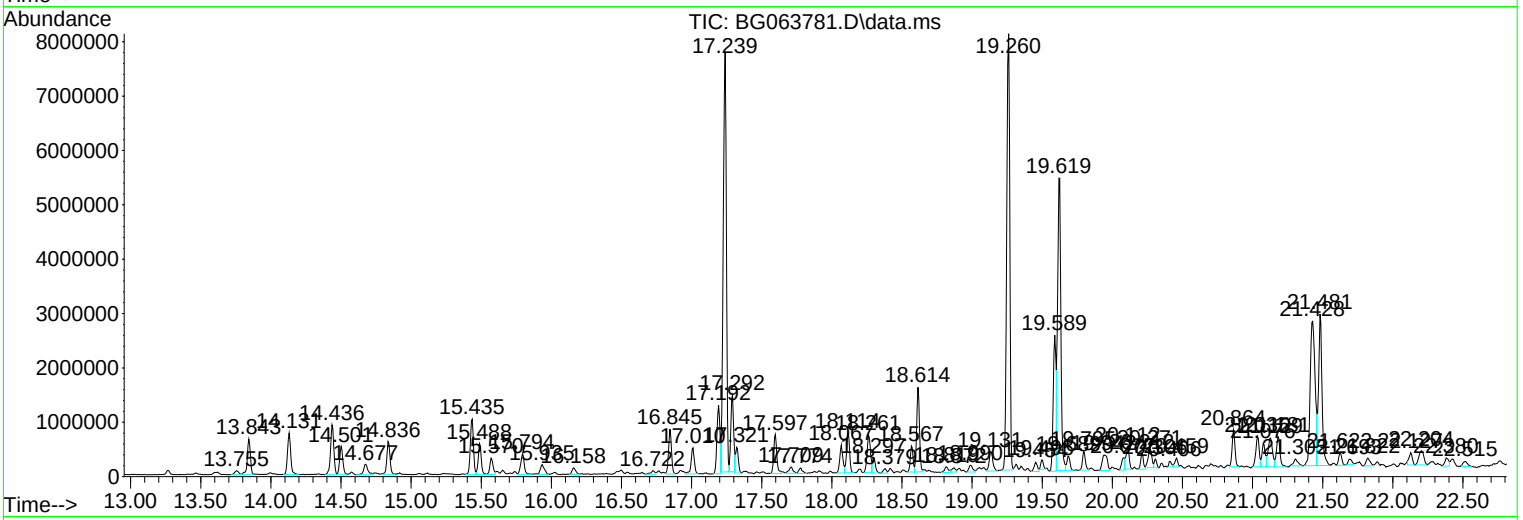
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

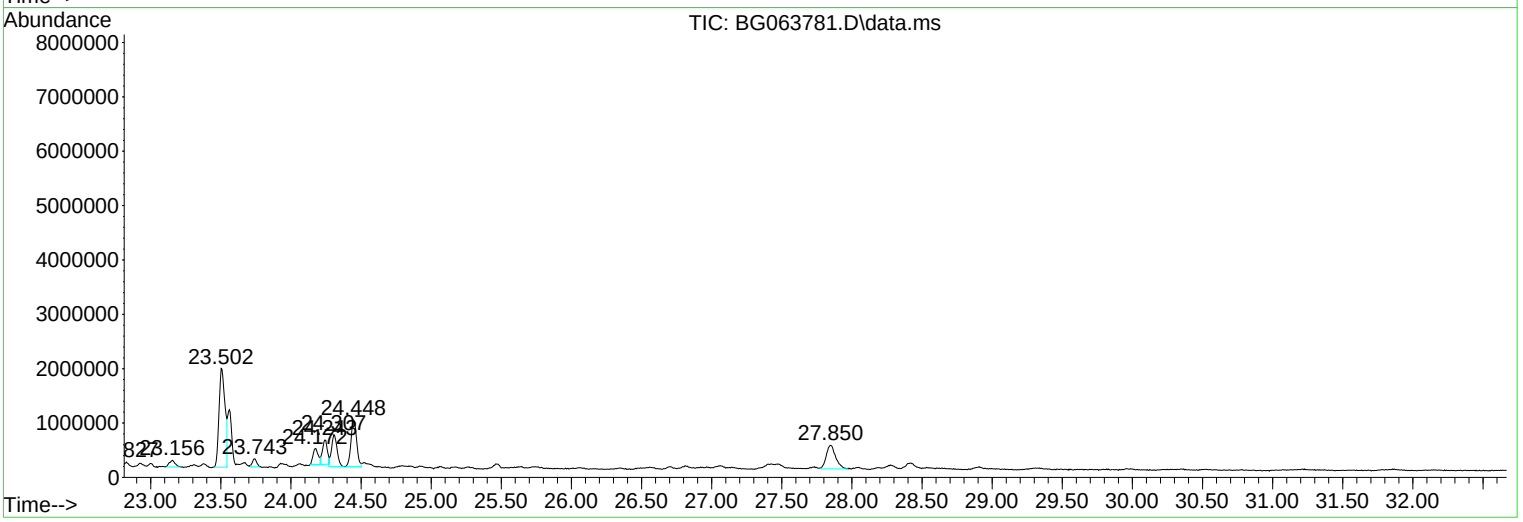
Instrument :
BNA_G
ClientSampleId :
E2903ME

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 : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

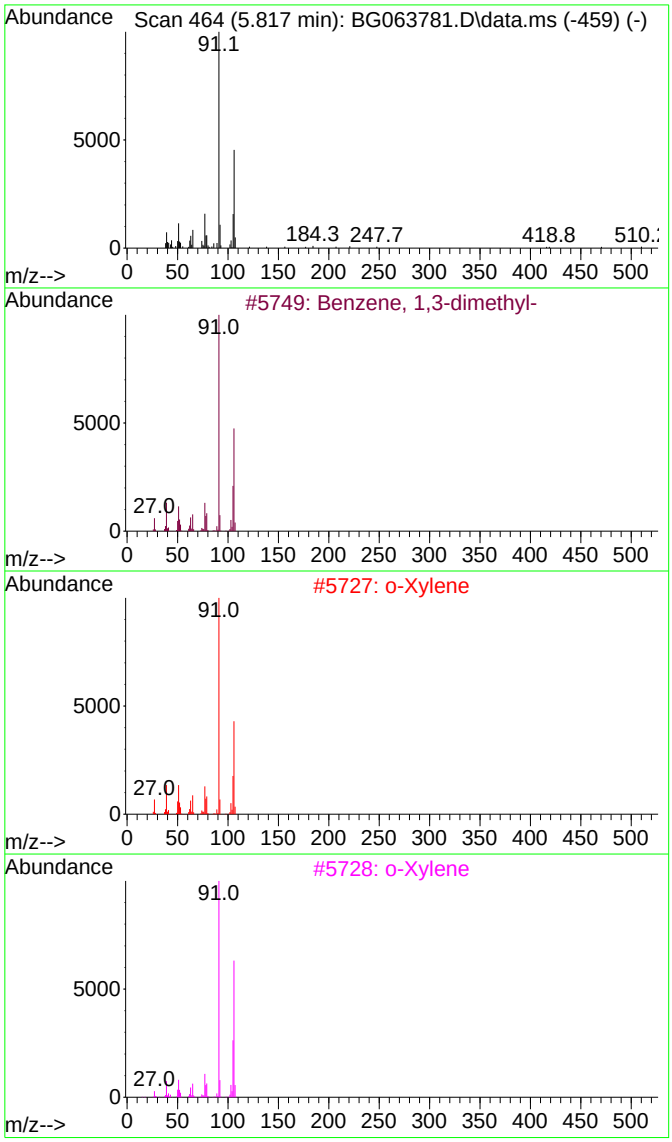
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

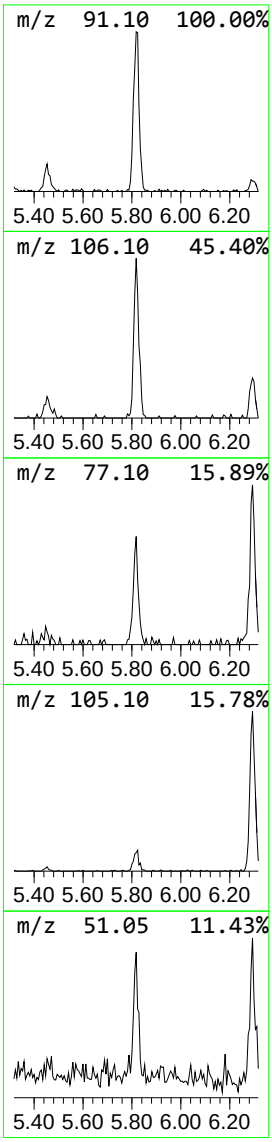
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.817	4.70 ng/ul	142043	1,4-Dichlorobenzene-d4	7.797

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
2	o-Xylene	106	C8H10	000095-47-6	87
3	o-Xylene	106	C8H10	000095-47-6	87
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	87
5	o-Xylene	106	C8H10	000095-47-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

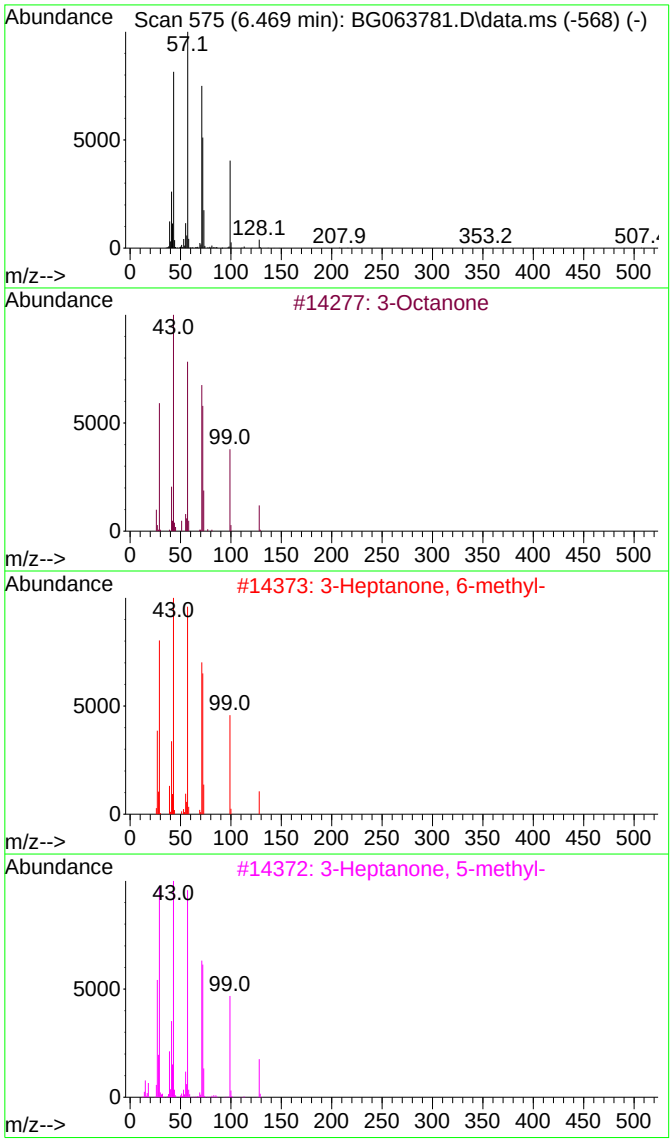
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

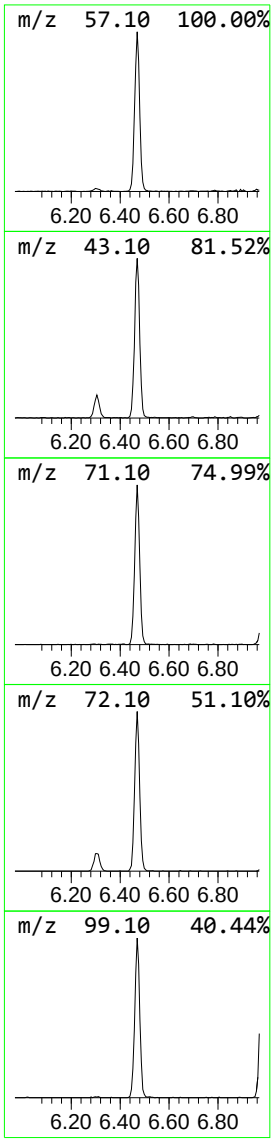
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 3-Octanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.469	37.63 ng/ul	1136320	1,4-Dichlorobenzene-d4	7.797

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	90
2	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	83
3	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	78
4	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	78
5	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

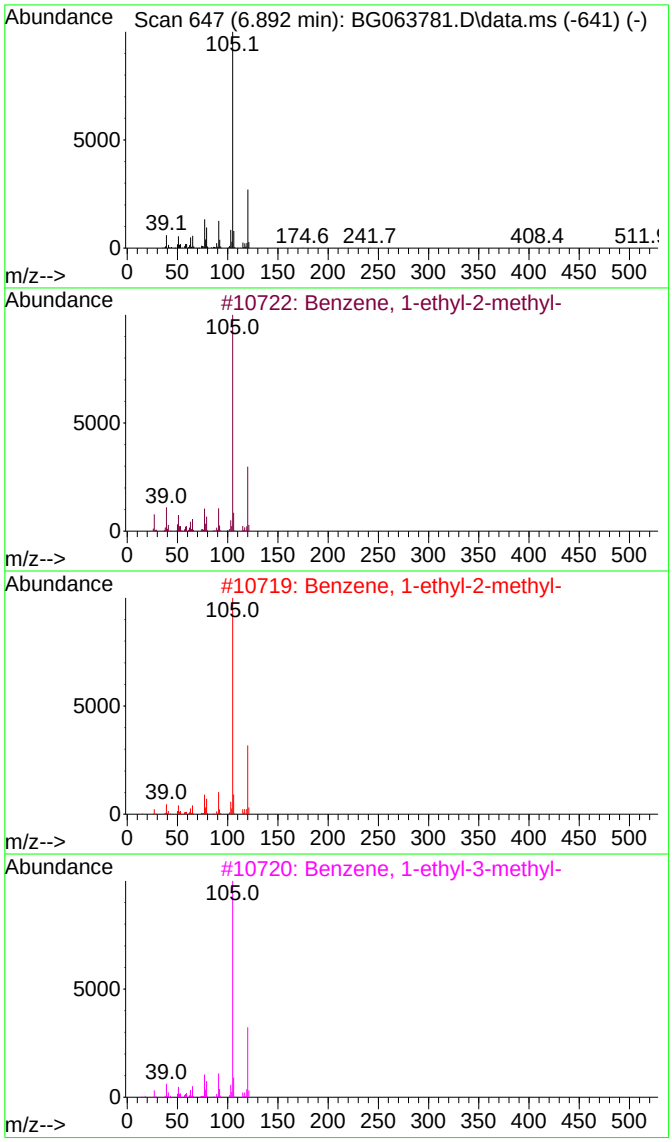
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

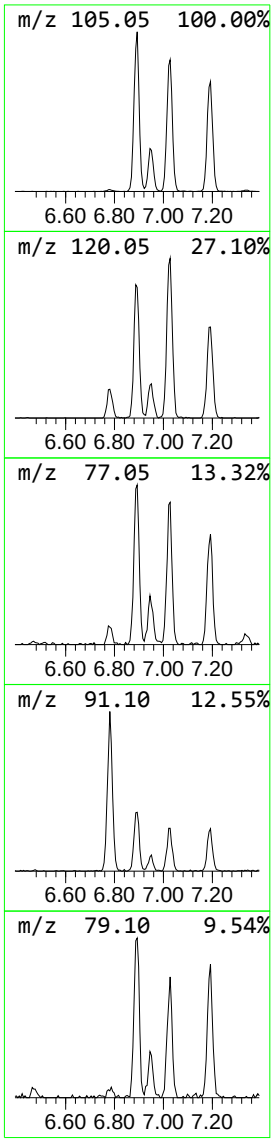
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.892	25.75 ng/ul	777690	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	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

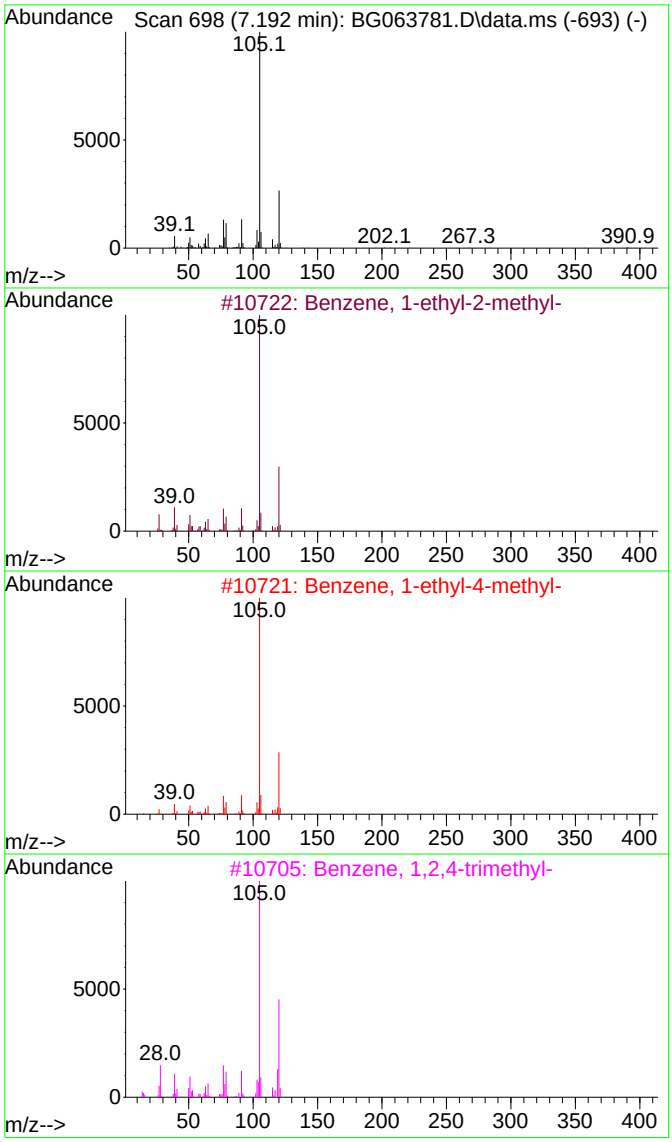
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

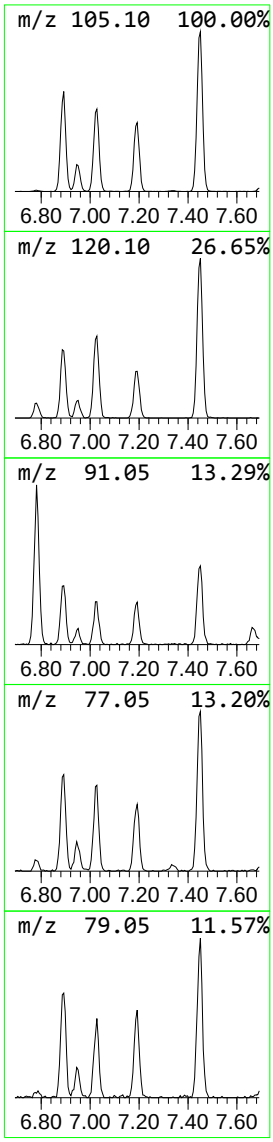
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.192	19.34 ng/ul	584077	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	93
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

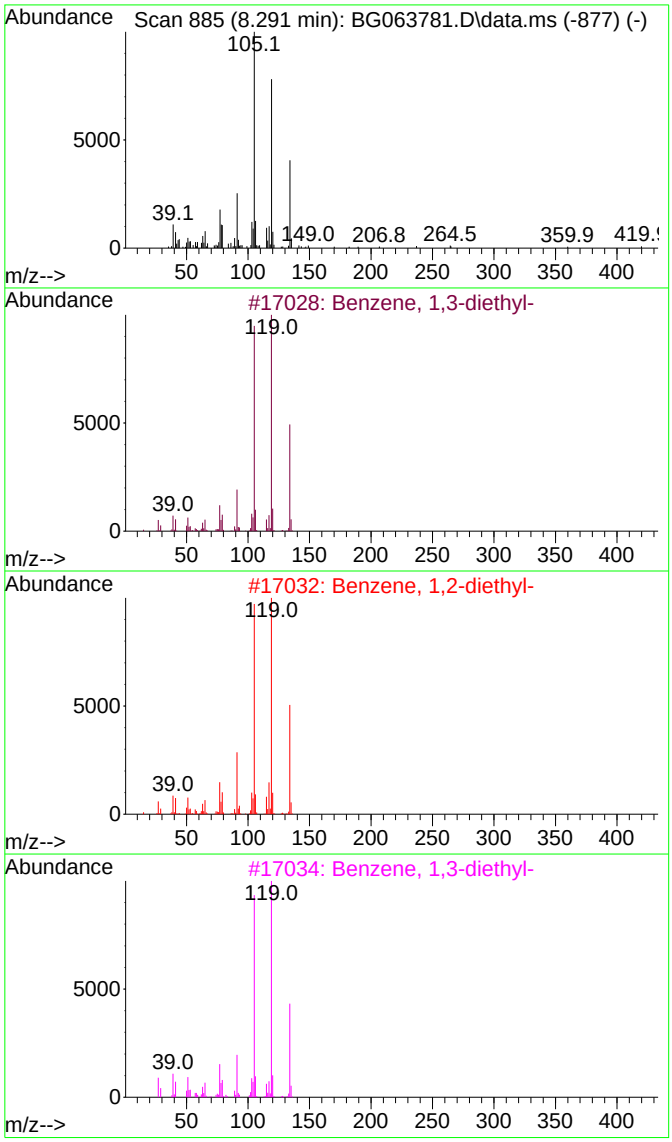
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

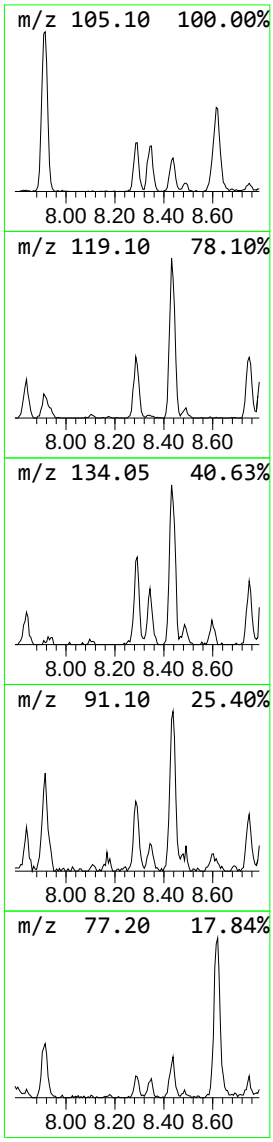
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,3-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.291	5.89 ng/ul	177742	1,4-Dichlorobenzene-d4	7.797

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91





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Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

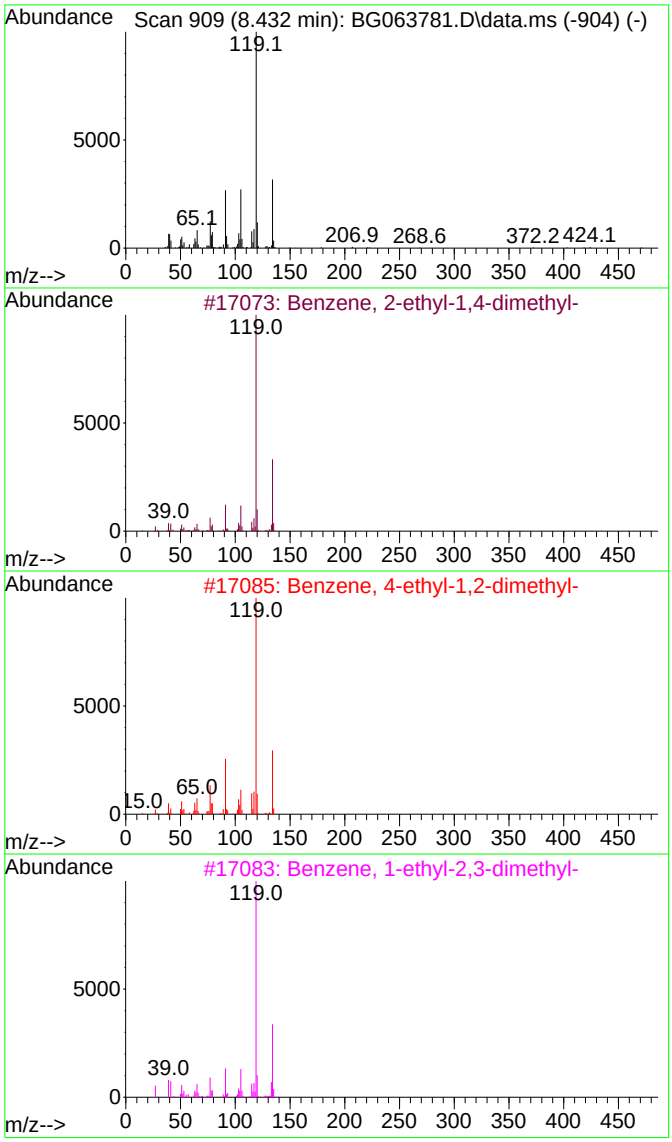
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

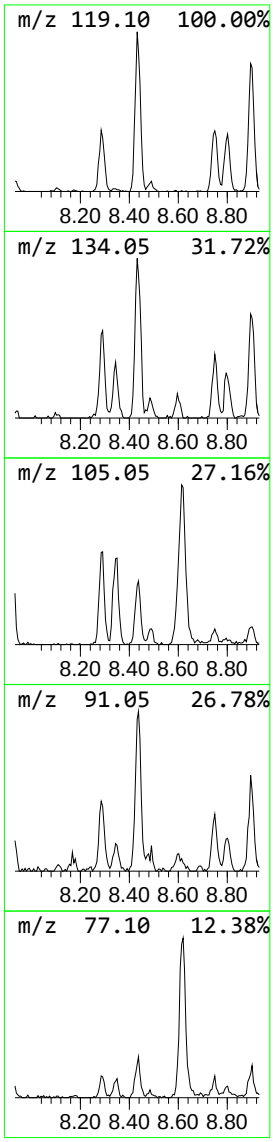
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.432	9.89 ng/ul	298765	1,4-Dichlorobenzene-d4	7.797

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





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Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

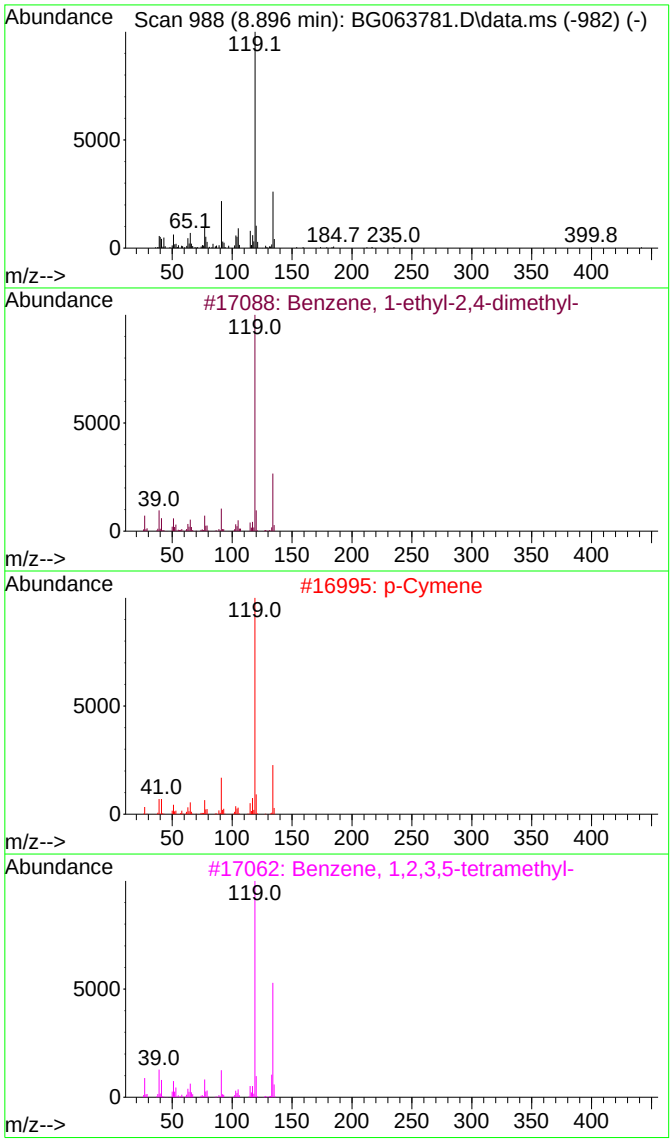
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

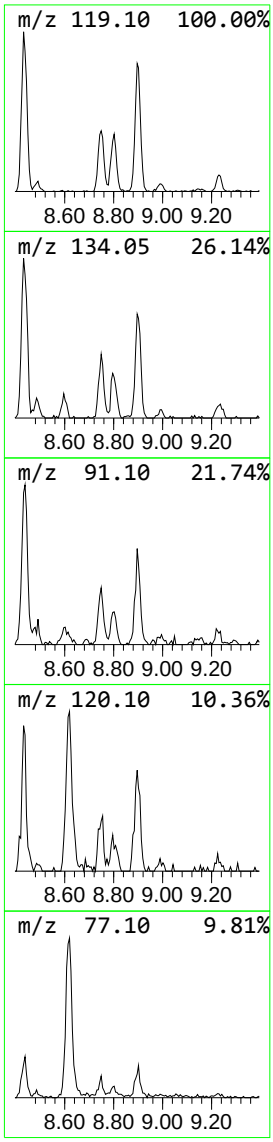
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.896	7.18 ng/ul	216698	1,4-Dichlorobenzene-d4	7.797

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
2	p-Cymene	134	C10H14	000099-87-6	91
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4	o-Cymene	134	C10H14	000527-84-4	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





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Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

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

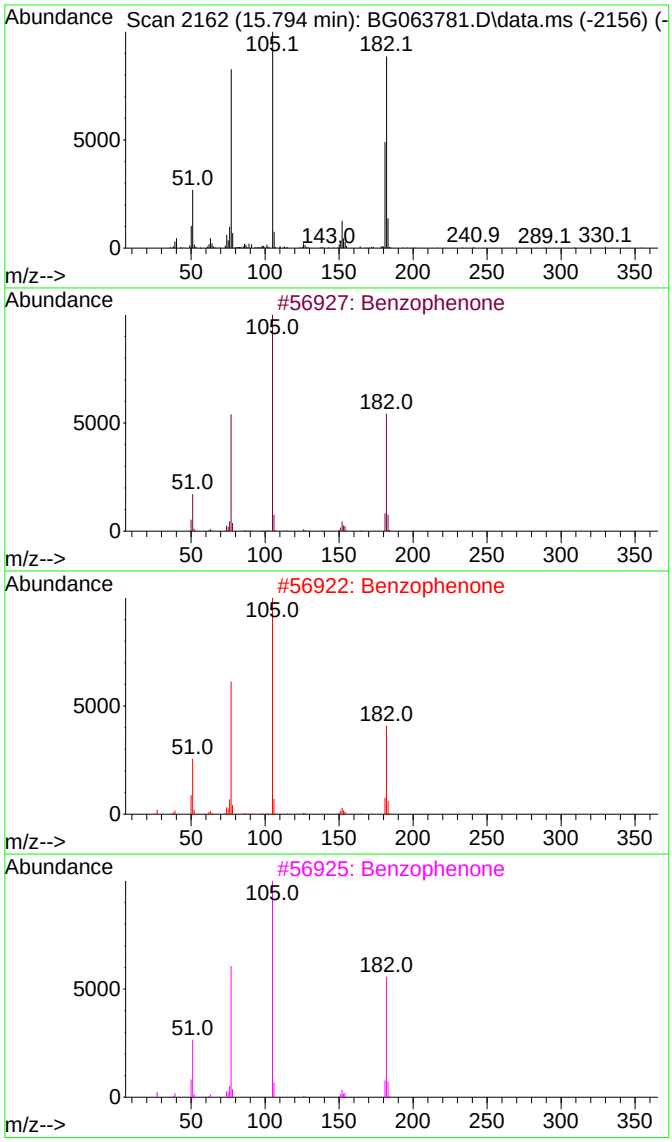
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

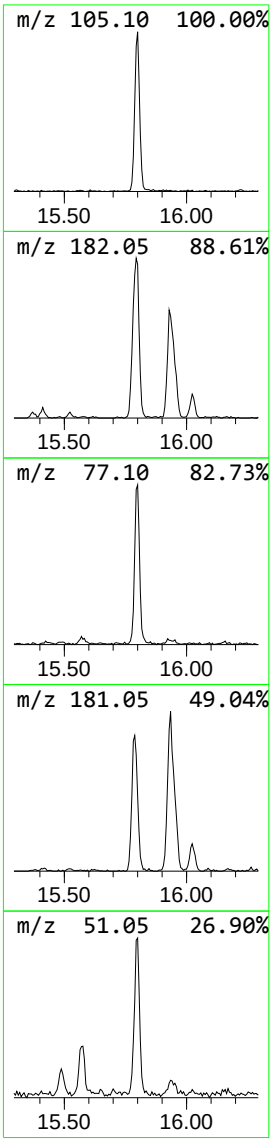
****

Peak Number 12 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.794	8.88 ng/ul	657568	Acenaphthene-d10	14.436

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	87
2	Benzophenone	182	C13H10O	000119-61-9	81
3	Benzophenone	182	C13H10O	000119-61-9	74
4	Benzophenone	182	C13H10O	000119-61-9	70
5	Benzophenone	182	C13H10O	000119-61-9	64





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Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

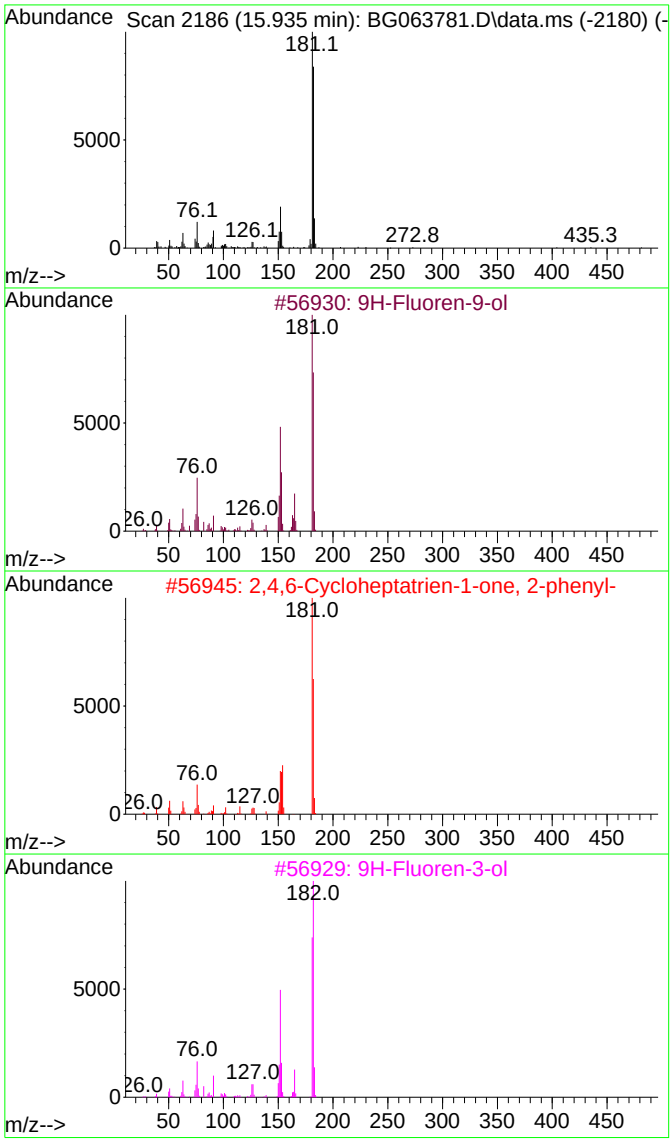
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

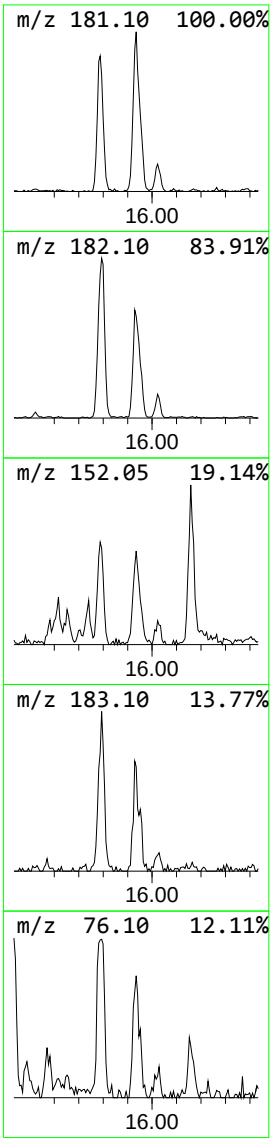
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9H-Fluoren-9-ol Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.935	3.58 ng/ul	361434	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	76
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	68





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Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

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

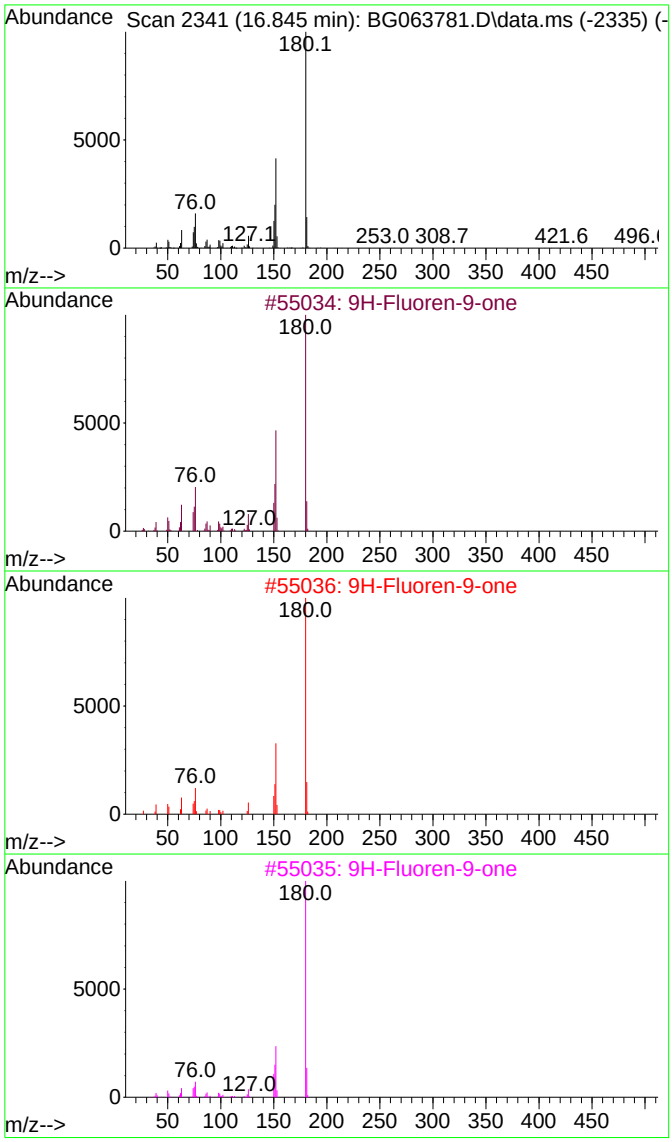
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

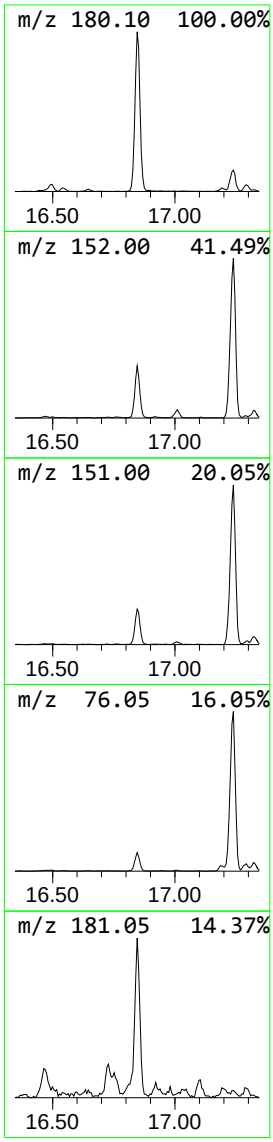
****

Peak Number 15 9H-Fluoren-9-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.845	11.80 ng/ul	1190480	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
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	91
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	80





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Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

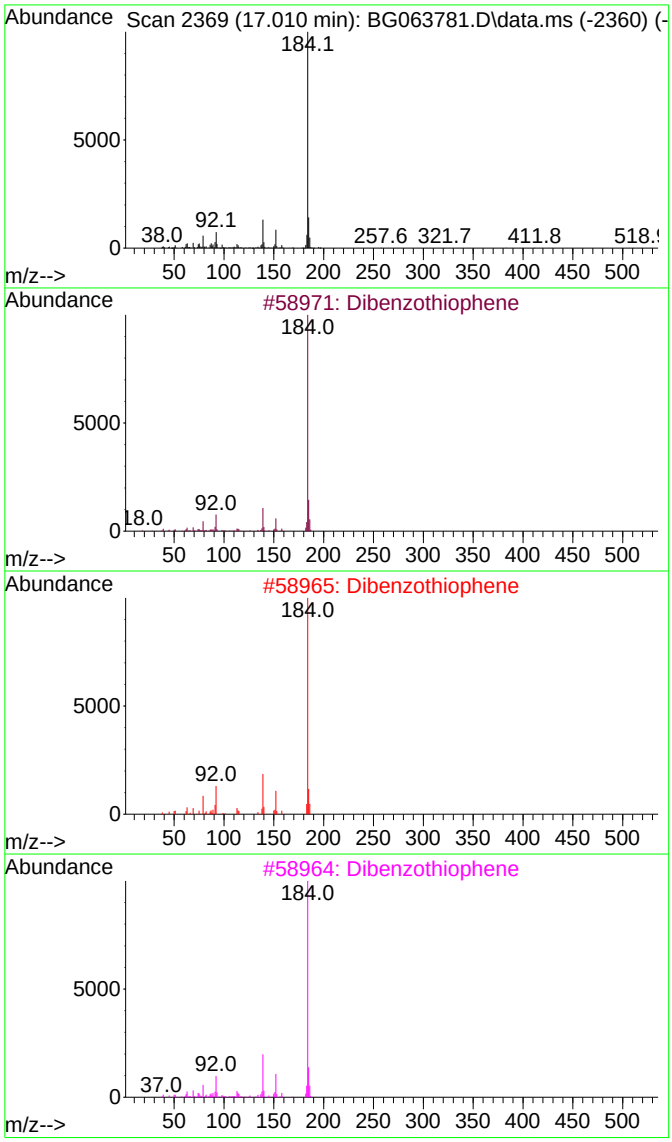
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

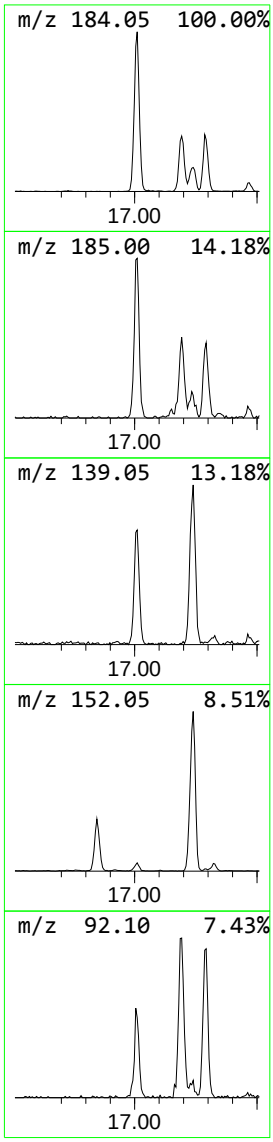
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.010	7.45 ng/ul	752086	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





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Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

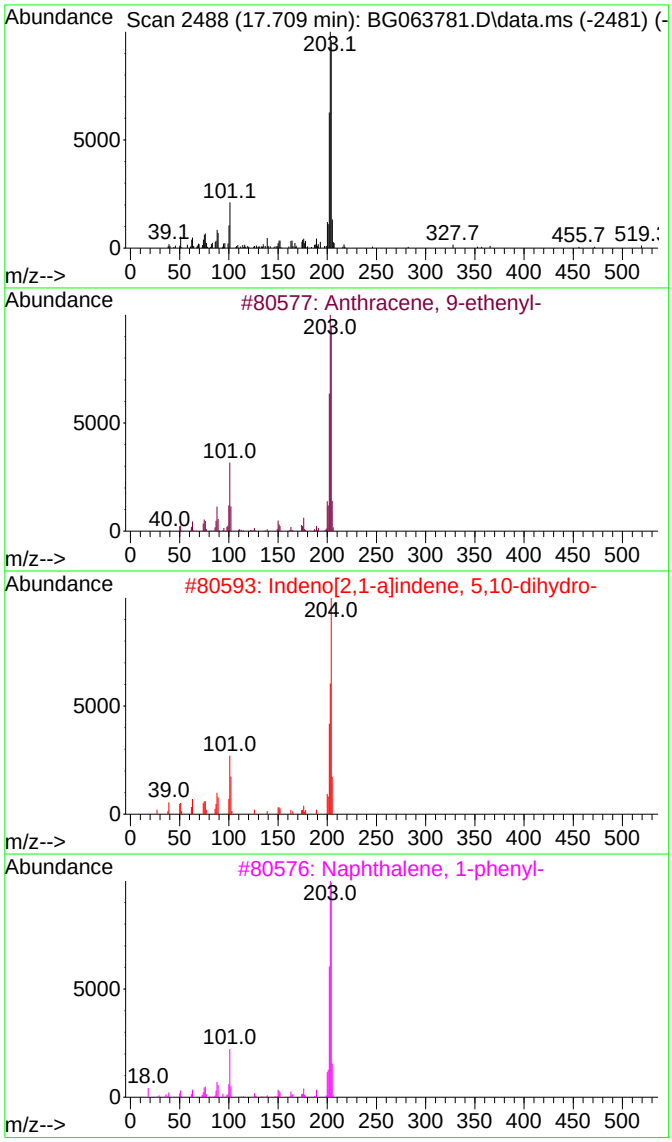
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

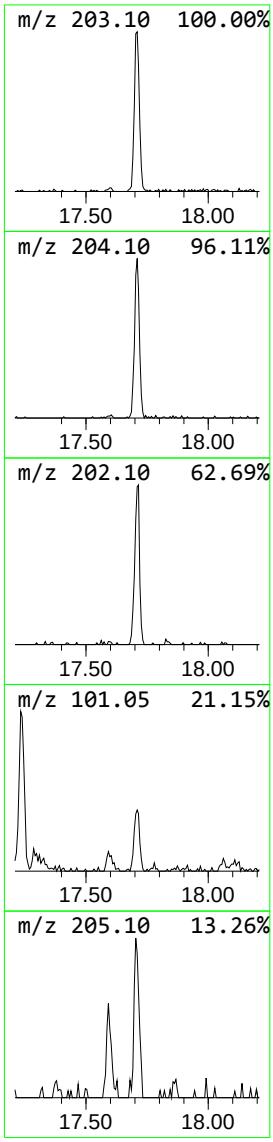
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Anthracene, 9-ethenyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.709	2.39 ng/ul	241467	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	94
2	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	91
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	90
4	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	81
5	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	81





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Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

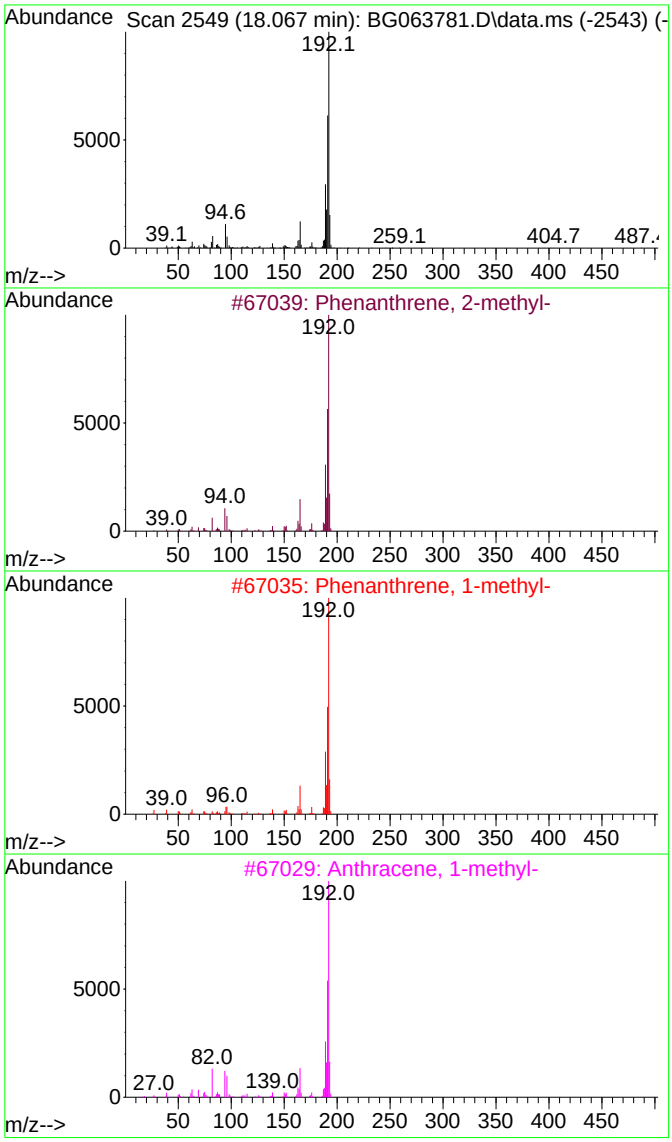
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

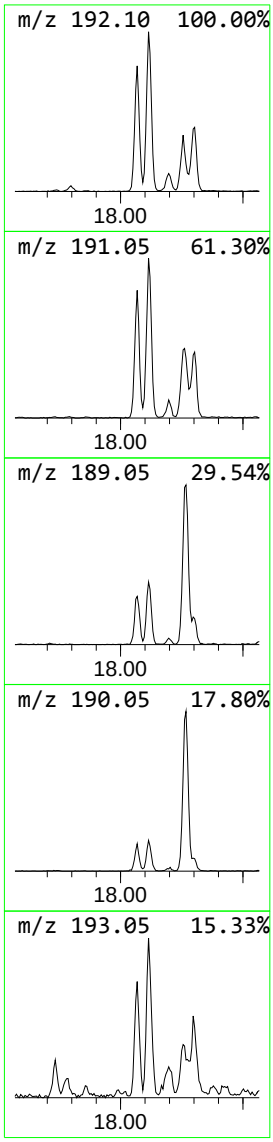
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.067	7.74 ng/ul	781020	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87





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Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

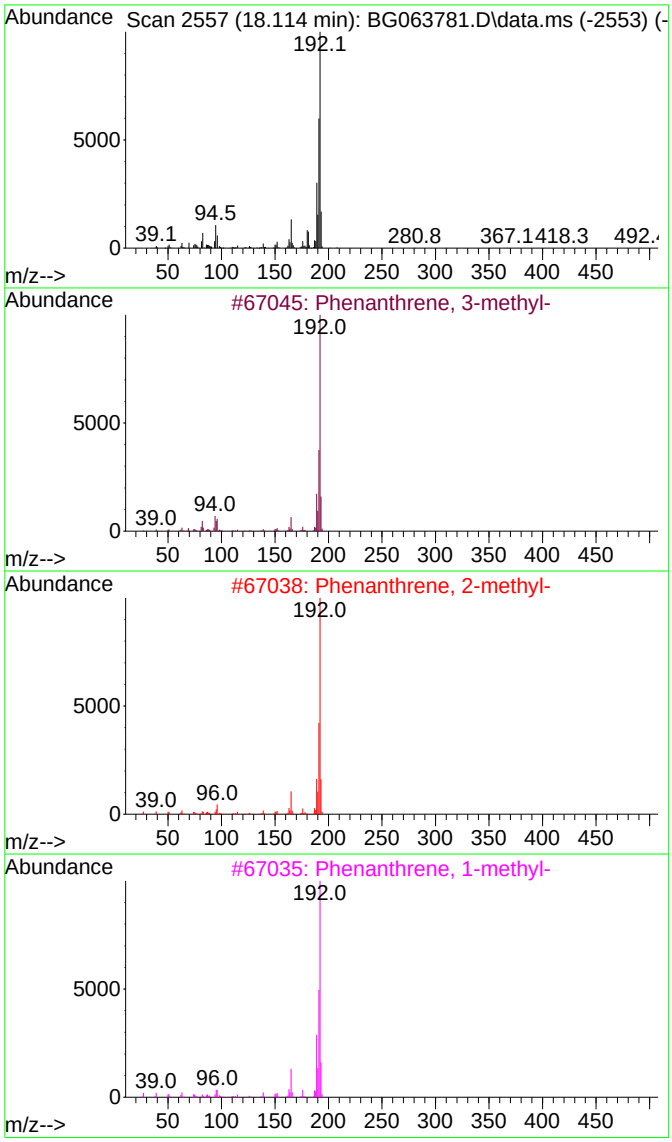
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

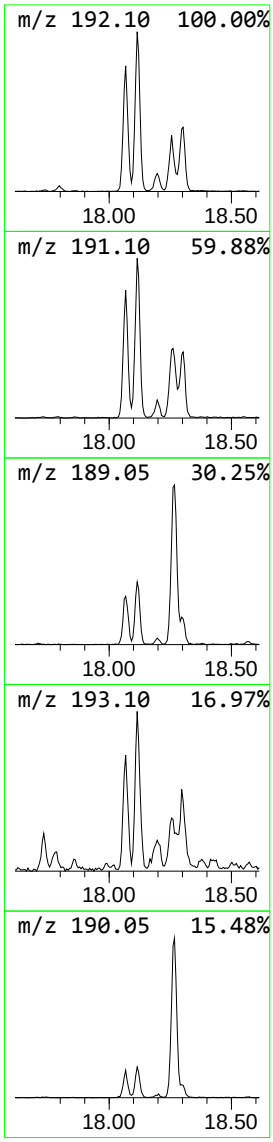
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Phenanthrene, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.114	10.50 ng/ul	1059780	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92





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Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

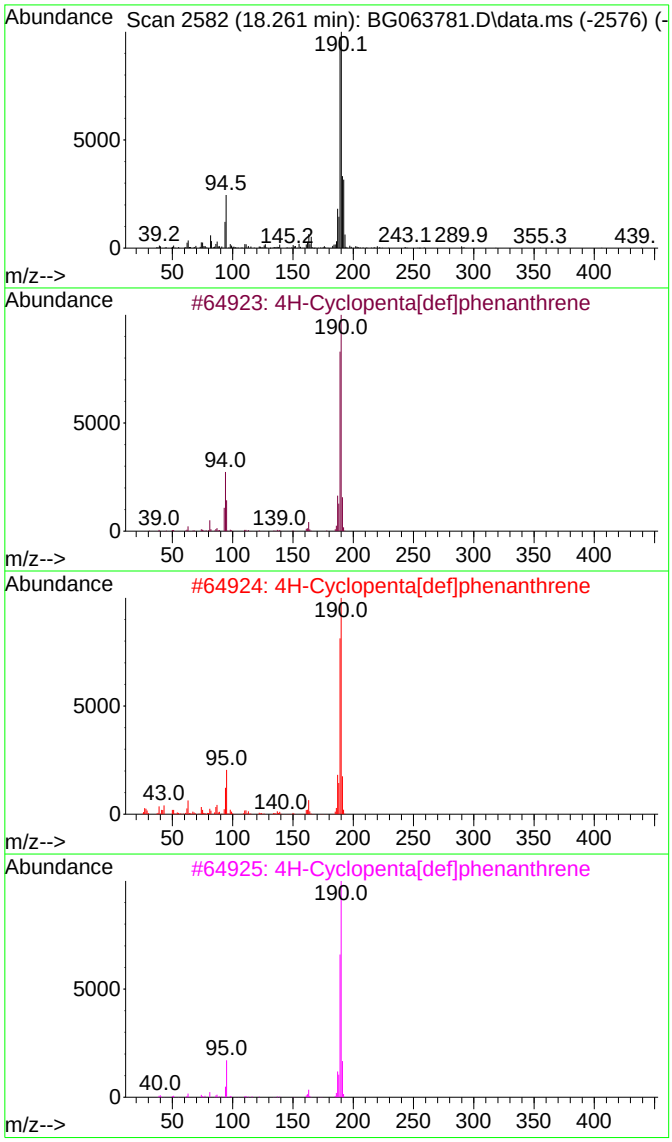
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

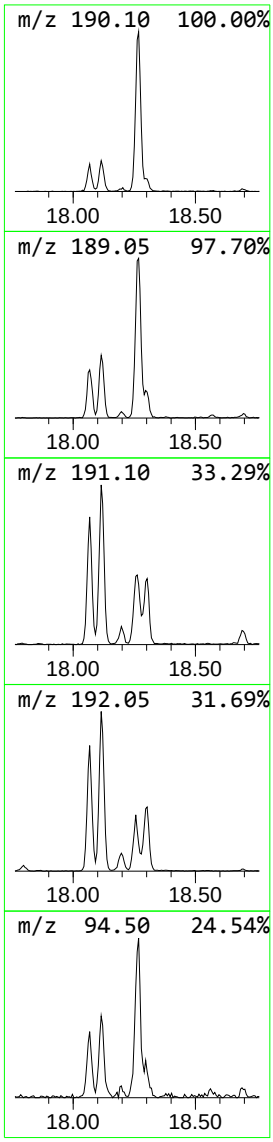
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.261	11.89 ng/ul	1199540	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	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





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Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

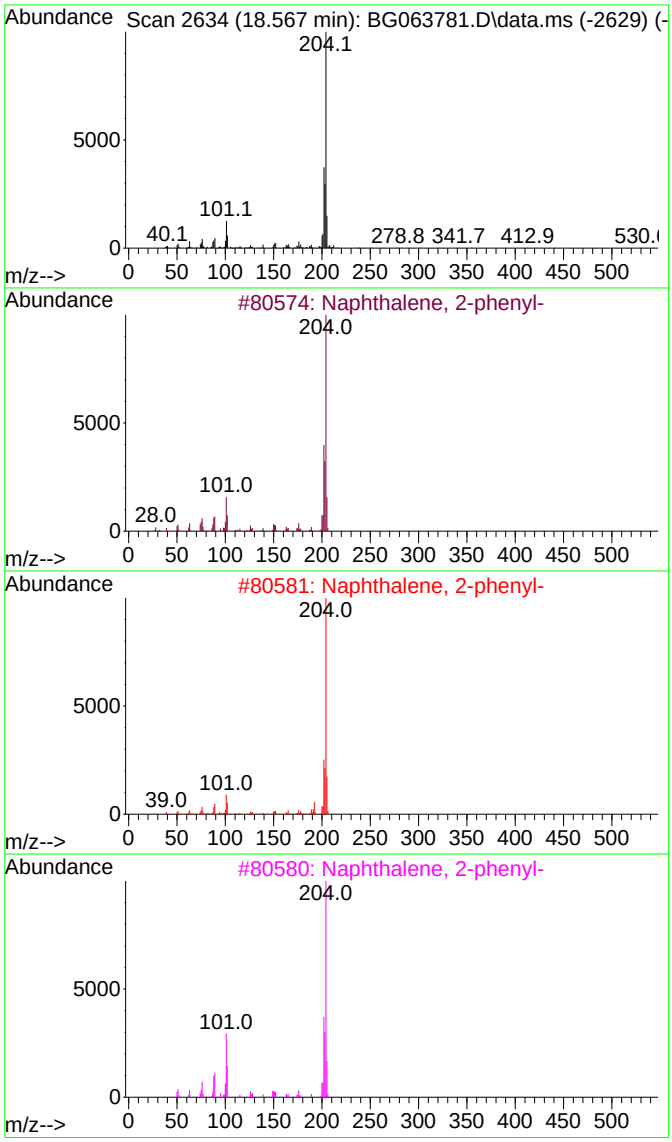
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

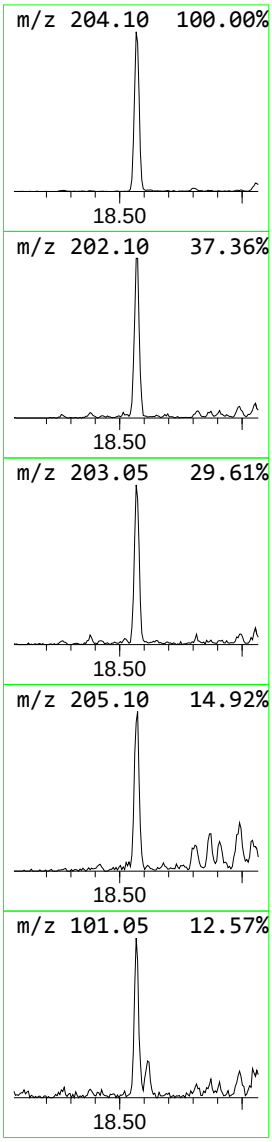
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.567	6.76 ng/ul	681620	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

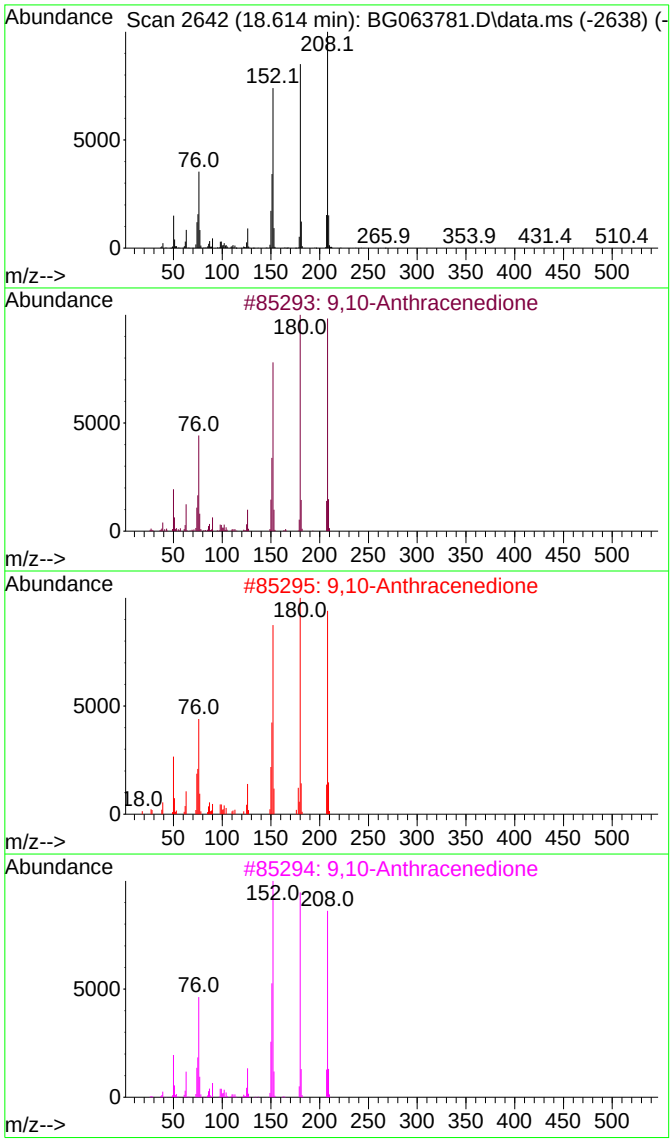
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

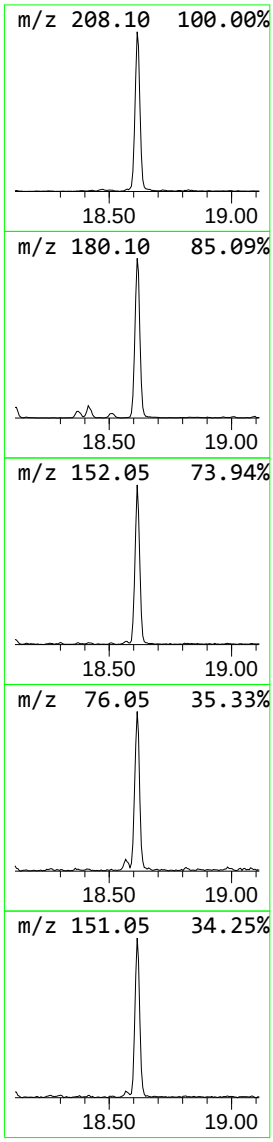
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.614	21.59 ng/ul	2178450	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





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Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

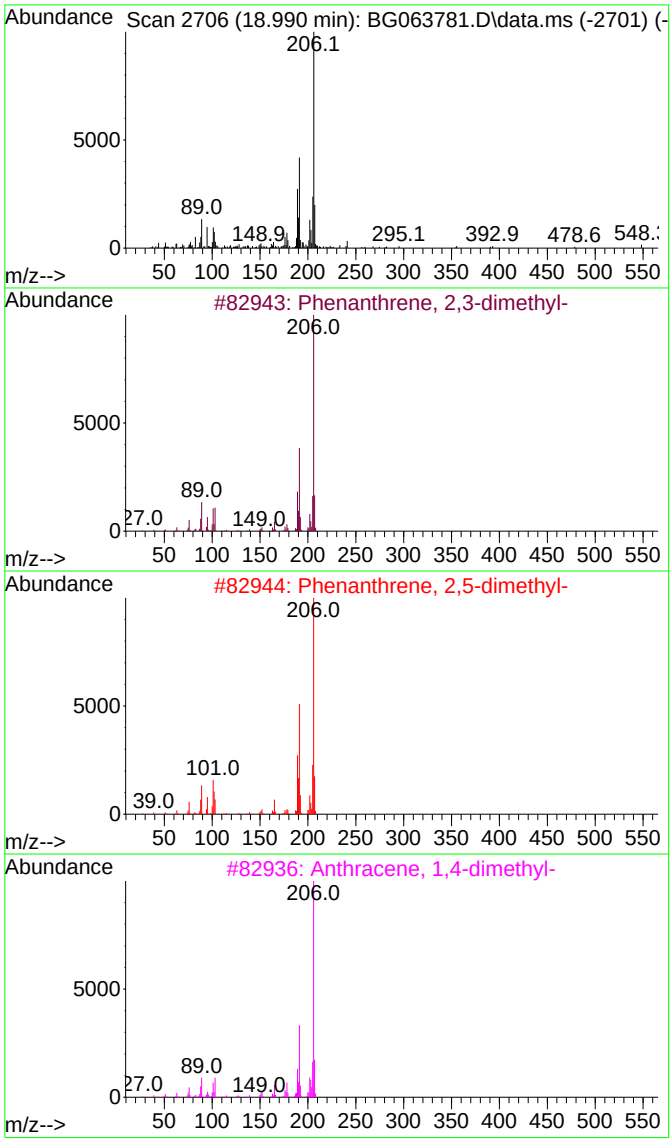
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

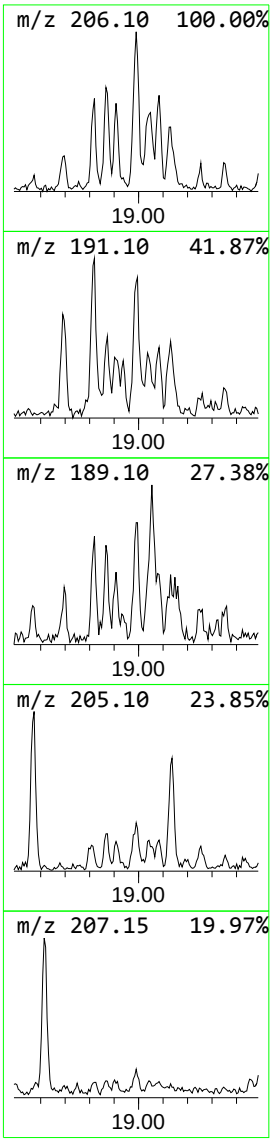
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Phenanthrene, 2,3-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.990	2.46 ng/ul	248022	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





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Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

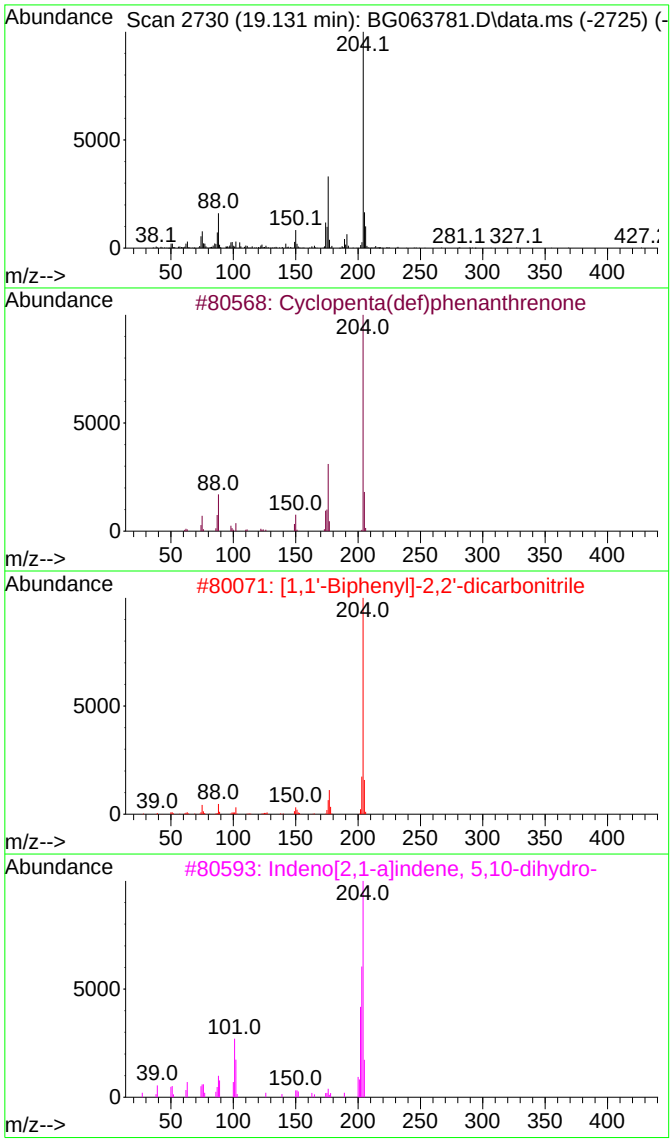
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

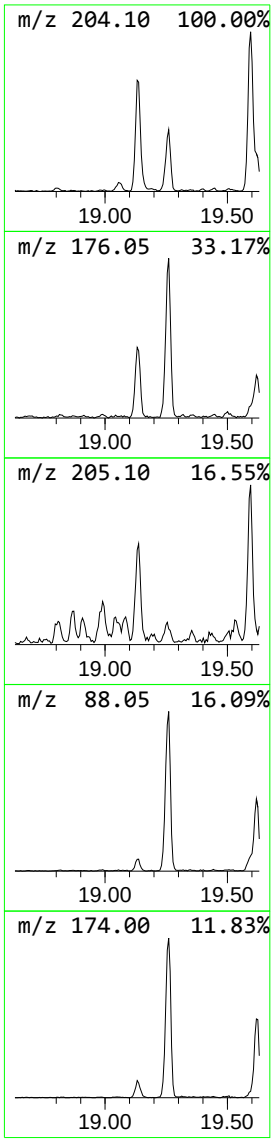
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.131	6.39 ng/ul	644473	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
3	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	50
4	Thiazole-5-carboxylic acid, 4-am...	204	C6H8N2O2S2	060093-05-2	50
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

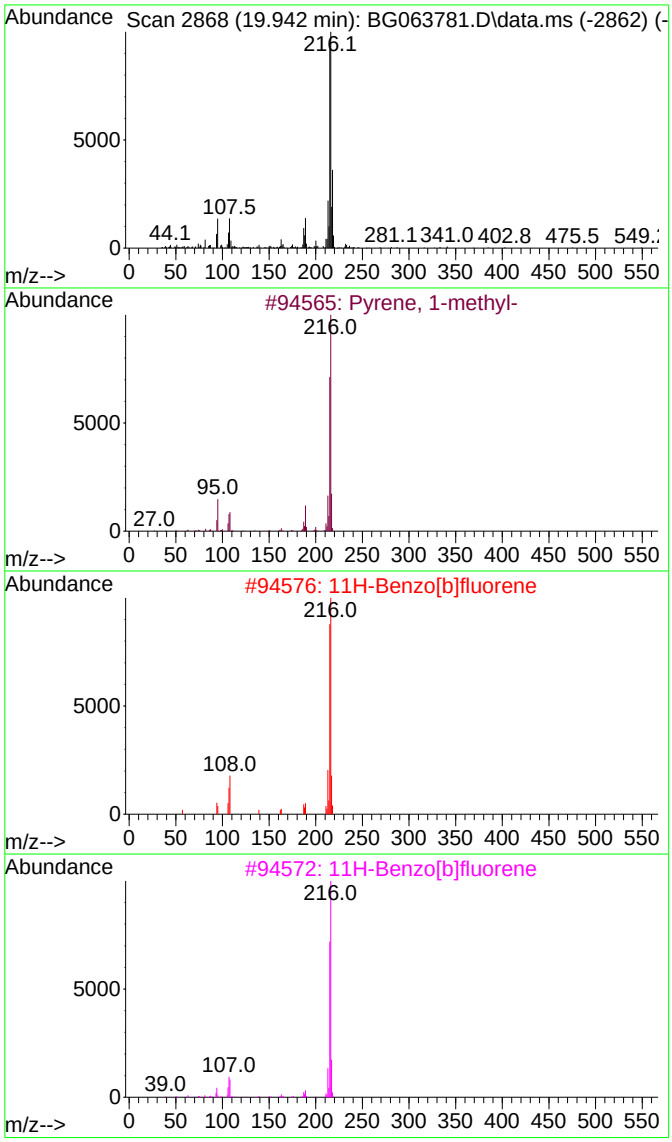
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

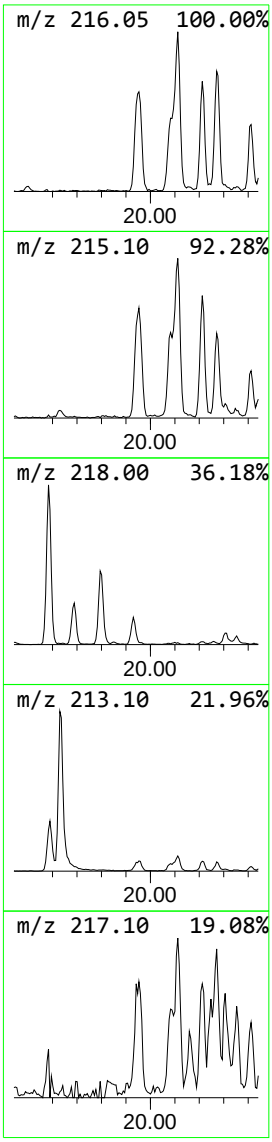
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Pyrene, 1-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.942	2.25 ng/ul	739905	Chrysene-d12	21.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

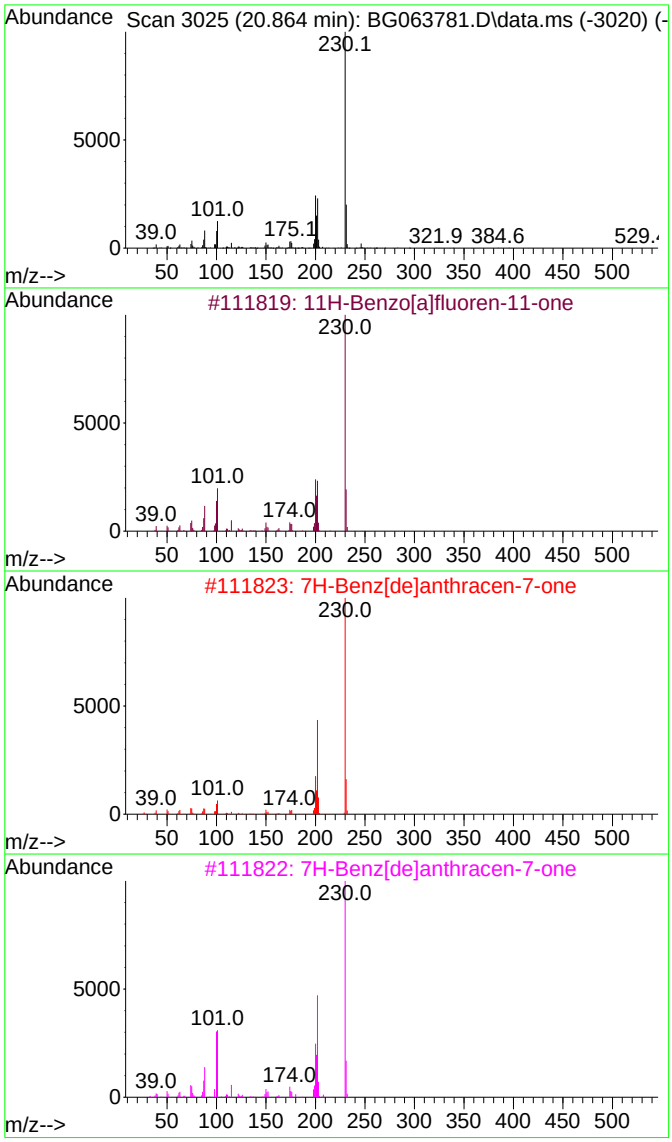
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

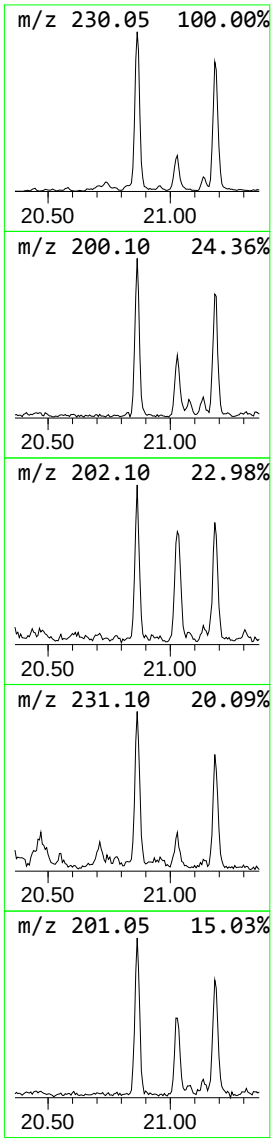
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 11H-Benzo[a]fluoren-11-one Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.864	2.88 ng/ul	949387	Chrysene-d12	21.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89





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Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

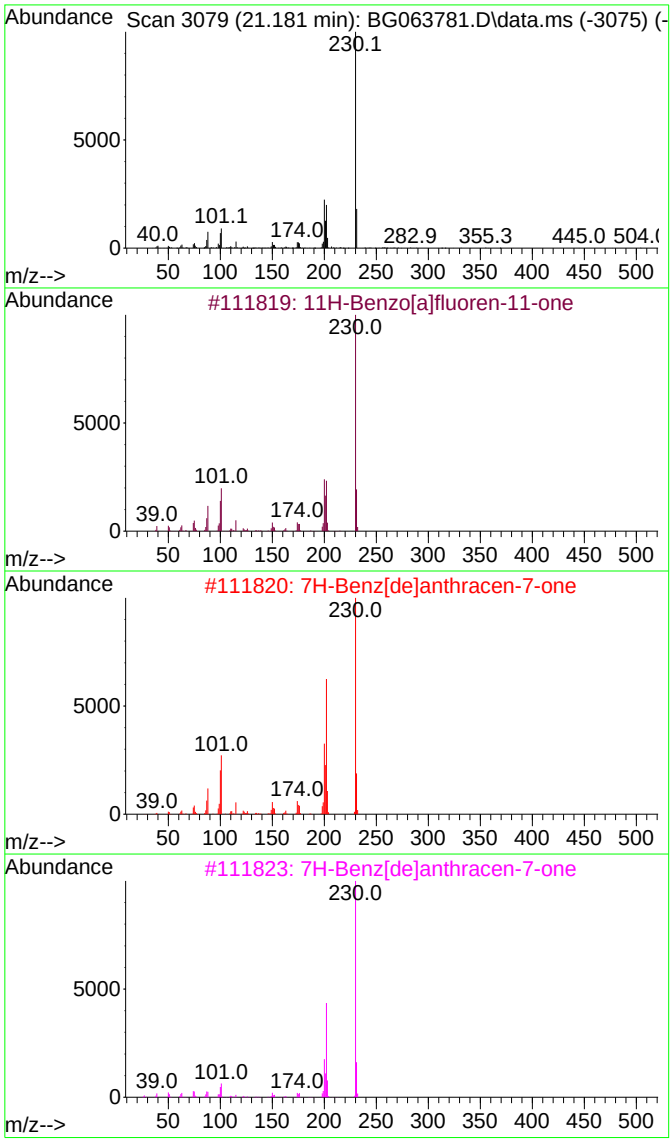
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

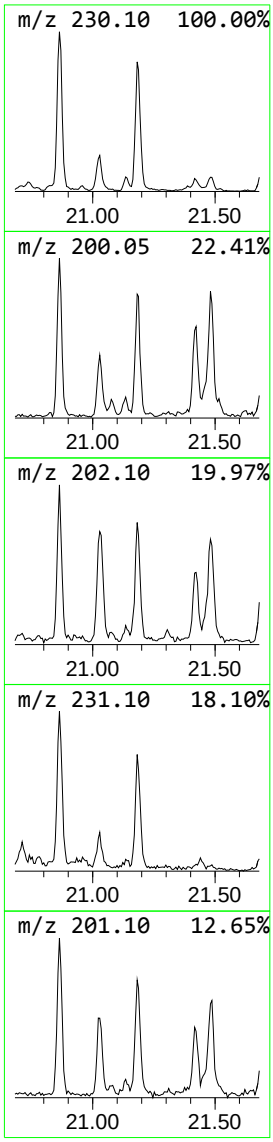
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 7H-Benz[de]anthracen-7-one Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.181	2.88 ng/ul	947117	Chrysene-d12	21.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	83





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Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

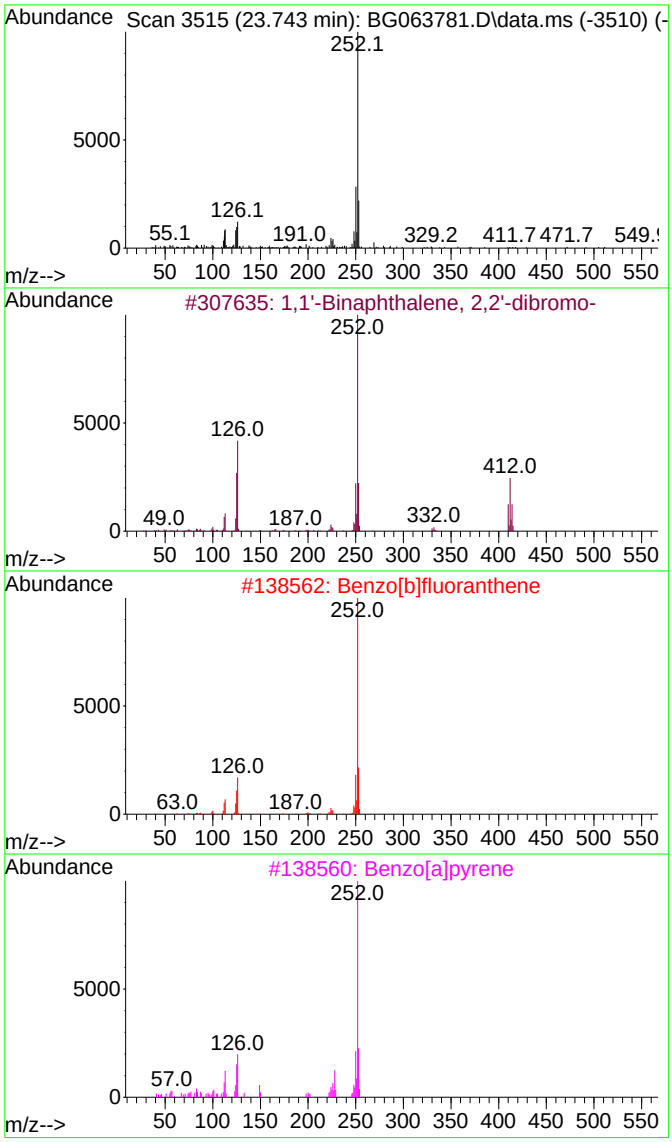
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

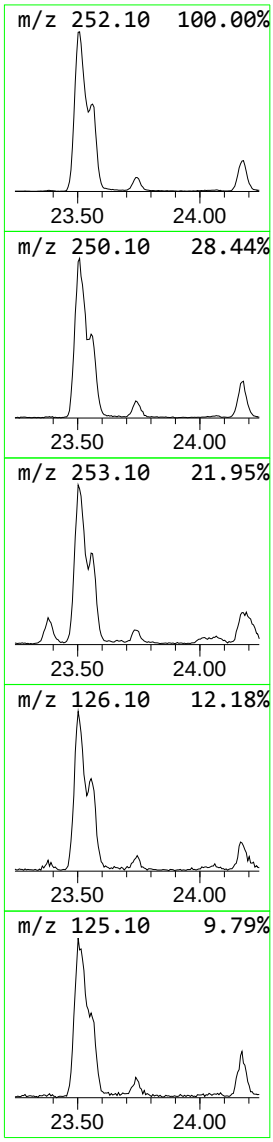
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 1,1'-Binaphthalene, 2,2'-di... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.743	2.56 ng/ul	305268	Perylene-d12	24.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene, 2,2'-dibromo-	410	C20H12Br2	074866-28-7	91
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	89
4	Benzo[e]pyrene	252	C20H12	000192-97-2	81
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

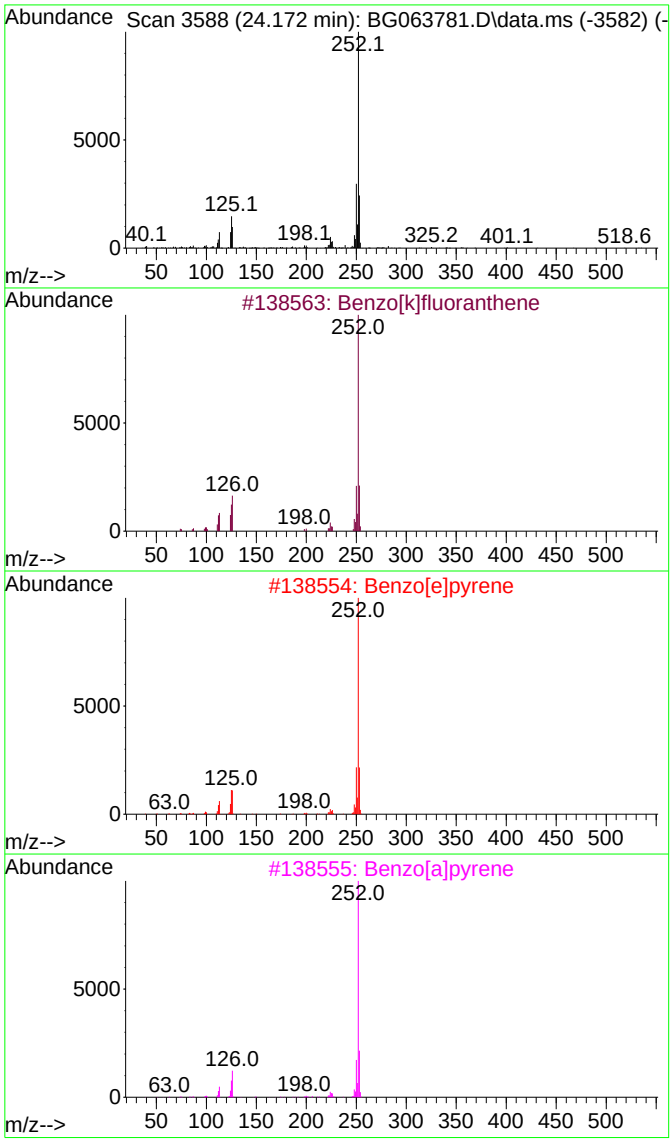
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION

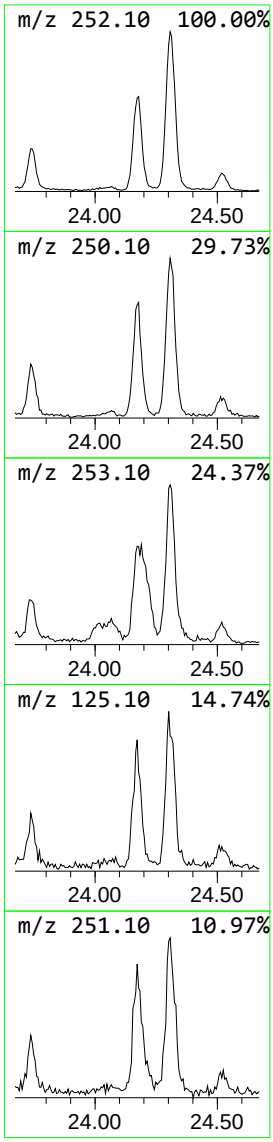
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.172	6.54 ng/ul	779449	Perylene-d12	24.448

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063781.D
Acq On : 23 Dec 2024 13:11
Operator : RC/JU
Sample : P5265-18ME
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2903ME

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, 1,3-di...	5.817	4.7	ng/ul	142043	1	7.797	603989	20.0
3-Octanone	6.469	37.6	ng/ul	1136320	1	7.797	603989	20.0
Benzene, 1-ethy...	6.892	25.8	ng/ul	777690	1	7.797	603989	20.0
Benzene, 1-ethy...	7.192	19.3	ng/ul	584077	1	7.797	603989	20.0
Benzene, 1,3-di...	8.291	5.9	ng/ul	177742	1	7.797	603989	20.0
Benzene, 2-ethy...	8.432	9.9	ng/ul	298765	1	7.797	603989	20.0
Benzene, 1-ethy...	8.896	7.2	ng/ul	216698	1	7.797	603989	20.0
Benzophenone	15.794	8.9	ng/ul	657568	3	14.436	1480300	20.0
9H-Fluoren-9-ol	15.935	3.6	ng/ul	361434	4	17.192	2017810	20.0
9H-Fluoren-9-one	16.845	11.8	ng/ul	1190480	4	17.192	2017810	20.0
Dibenzothiophene	17.010	7.5	ng/ul	752086	4	17.192	2017810	20.0
Anthracene, 9-e...	17.709	2.4	ng/ul	241467	4	17.192	2017810	20.0
Phenanthrene, 2...	18.067	7.7	ng/ul	781020	4	17.192	2017810	20.0
Phenanthrene, 3...	18.114	10.5	ng/ul	1059780	4	17.192	2017810	20.0
4H-Cyclopenta[d...	18.261	11.9	ng/ul	1199540	4	17.192	2017810	20.0
Naphthalene, 2-...	18.567	6.8	ng/ul	681620	4	17.192	2017810	20.0
9,10-Anthracene...	18.614	21.6	ng/ul	2178450	4	17.192	2017810	20.0
Phenanthrene, 2...	18.990	2.5	ng/ul	248022	4	17.192	2017810	20.0
Cyclopenta(def)...	19.131	6.4	ng/ul	644473	4	17.192	2017810	20.0
Pyrene, 1-methyl-	19.942	2.3	ng/ul	739905	5	21.440	6581720	20.0
11H-Benzo[a]flu...	20.864	2.9	ng/ul	949387	5	21.440	6581720	20.0
7H-Benz[de]anth...	21.181	2.9	ng/ul	947117	5	21.440	6581720	20.0
1,1'-Binaphthal...	23.743	2.6	ng/ul	305268	6	24.448	2383520	20.0
Benzo[e]pyrene	24.172	6.5	ng/ul	779449	6	24.448	2383520	20.0