LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

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_P\Methods\SFAM-EPA-BP112624.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP023567.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.569	433	439	447	rBV	307623	486050	1.39%	0.141%
2	6.034	510	518	525	rBV	375671	586457	1.68%	0.170%
3	6.210	538	548	555	rBV	693729	1058458	3.03%	0.306%
4	6.510	590	599	606	rBV	406298	671934	1.92%	0.194%
5	6.622	612	618	623	rBV	1797812	2639196	7.55%	0.764%
6	6.675	623	627	633	rVV	490367	737990	2.11%	0.214%
7	6.752	633	640	653	rVV2	2077666	3462652	9.90%	1.002%
8	6.875	655	661	663	rVV	342438	559996	1.60%	0.162%
9	6.910	663	667	675	rVV	1269825	2010191	5.75%	0.582%
10	7.069	689	694	702	rBV	489392	815203	2.33%	0.236%
11	7.169	704	711	719	rVB	3155835	4989390	14.27%	1.444%
12	7.516	766	770	783	rVB2	346128	855103	2.45%	0.247%
13	7.622	783	788	796	rBV	883761	1455125	4.16%	0.421%
14	8.046	855	860	869	rVB	277749	482096	1.38%	0.139%
15	8.134	869	875	881	rBV	682925	1090557	3.12%	0.316%
16	8.252	889	895	900	rBV	447209	863414	2.47%	0.250%
17	8.593	943	953	960	rBV	416846	685518	1.96%	0.198%
18	8.669	960	966	977	rBV	415677	826989	2.37%	0.239%
19	9.381	1075	1087	1095	rBV2	319189	749930	2.15%	0.217%
20	9.940	1176	1182	1189	rBV	459798	926012	2.65%	0.268%
21	10.269	1224	1238	1242	rBV	481068	891926	2.55%	0.258%
22	10.322	1242	1247	1254	rVB	579076	978121	2.80%	0.283%
23	10.440	1259	1267	1284	rBV	214530	543311	1.55%	0.157%
24	11.934	1513	1521	1534	rBV	389797	650110	1.86%	0.188%
25	12.157	1547	1559	1567	rBV	293617	540068	1.54%	0.156%
26	13.557	1794	1797	1809	rVB	448438	605944	1.73%	0.175%
27	13.839	1834	1845	1860	rBV2	1038132	1750440	5.01%	0.506%
28	14.151	1888	1898	1903	rVV2	724530	1318448	3.77%	0.381%
29	14.216	1903	1909	1918	rVV	2184897	2980967	8.53%	0.863%
30	14.463	1943	1951	1962	rBV3	243814	666346	1.91%	0.193%
31	14.563	1962	1968	1977	rVV	1420731	2383140	6.82%	0.690%
32	15.157	2063	2069	2075	rVV	1211904	2056068	5.88%	0.595%
33	15.228	2075	2081	2092	rVV	1329473	2343440	6.70%	0.678%
34	15.345	2092	2101	2104	rVV	378715	675484	1.93%	0.195%
35	15.539	2126	2134	2141	rVB2	911885	1554982	4.45%	0.450%
36	15.669	2147	2156	2165	rBV	471606	971276	2.78%	0.281%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

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_P\Methods\SFAM-EPA-BP112624.MA.M
Title : SVOA CALIBRATION

37	16.251	2242	2255	2260	rBV3	245313	590881	1.69%	0.171%
38	16.622	2311	2318	2325	rVV	1450710	2518306	7.20%	0.729%
39	16.775	2336	2344	2352	rVB	1320483	1885884	5.39%	0.546%
40	16.963	2367	2376	2378	rBV	946469	1454107	4.16%	0.421%
41	17.010	2378	2384	2390	rVV	18181878	28999585	82.95%	8.391%
42	17.069	2390	2394	2396	rVV	1922648	2630205	7.52%	0.761%
43	17.104	2396	2400	2405	rVV	3632411	5274024	15.09%	1.526%
44	17.169	2405	2411	2420	rVV	300216	592097	1.69%	0.171%
45	17.392	2442	2449	2461	rBV	2091521	3670119	10.50%	1.062%
46	17.569	2473	2479	2487	rVB4	193846	487008	1.39%	0.141%
47	17.857	2524	2528	2532	rVV	1559231	2186689	6.25%	0.633%
48	17.910	2532	2537	2546	rVB	2267227	3496875	10.00%	1.012%
49	17.992	2546	2551	2557	rBV	455888	743432	2.13%	0.215%
50	18.063	2557	2563	2568	rBV2	2143190	3810234	10.90%	1.102%
51	18.104	2568	2570	2579	rVB	797207	1191619	3.41%	0.345%
52	18.392	2613	2619	2624	rVV	1057741	1657993	4.74%	0.480%
53	18.457	2624	2630	2636	rVV	2249441	3055919	8.74%	0.884%
54	18.639	2653	2661	2666	rBV2	299703	555723	1.59%	0.161%
55	18.827	2688	2693	2698	rBV	526899	900986	2.58%	0.261%
56	18.892	2698	2704	2707	rVV3	312890	609809	1.74%	0.176%
57	18.980	2712	2719	2725	rBV2	908994	1576501	4.51%	0.456%
58	19.104	2733	2740	2747	rVB	20935392	34144774	97.67%	9.879%
59	19.351	2771	2782	2786	rBV	759596	1367812	3.91%	0.396%
60	19.486	2792	2805	2809	rBV	17901053	34960353	100.00%	10.115%
61	19.516	2809	2810	2815	rVV	1975175	2126958	6.08%	0.615%
62	19.563	2815	2818	2823	rVB	957628	1223680	3.50%	0.354%
63	19.669	2831	2836	2841	rVB	1219906	1633131	4.67%	0.473%
64	19.833	2855	2864	2870	rBV2	925249	2615525	7.48%	0.757%
65	19.892	2870	2874	2881	rVV	517758	700182	2.00%	0.203%
66	19.998	2890	2892	2897	rVB	1415182	1719260	4.92%	0.497%
67	20.104	2905	2910	2914	rVB2	956957	1322661	3.78%	0.383%
68	20.169	2914	2921	2925	rBV2	1361860	2773643	7.93%	0.803%
69	20.257	2932	2936	2940	rVB3	394339	596133	1.71%	0.172%
70	20.316	2942	2946	2949	rVV	795162	936385	2.68%	0.271%
71	20.363	2949	2954	2963	rVB3	776755	1385174	3.96%	0.401%
72	20.798	3023	3028	3036	rVB	2874445	3925097	11.23%	1.136%
73	20.969	3050	3057	3061	rBV	2508761	4003865	11.45%	1.158%
74	21.010	3061	3064	3068	rVV	1738550	2128891	6.09%	0.616%
75	21.057	3068	3072	3081	rVV3	1631001	3564289	10.20%	1.031%
76	21.133	3081	3085	3095	rVB	2115633	3167876	9.06%	0.917%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

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_P\Methods\SFAM-EPA-BP112624.MA.M
Title : SVOA CALIBRATION

77	21.251	3097	3105	3114	rBV	594629	1350430	3.86%	0.391%
78	21.380	3115	3127	3132	rBV3	11140087	24087508	68.90%	6.969%
79	21.439	3132	3137	3142	rVB	10169245	14650208	41.91%	4.239%
80	21.580	3156	3161	3167	rVB	1389989	2117744	6.06%	0.613%
81	21.668	3171	3176	3185	rBV4	937861	2000921	5.72%	0.579%
82	21.745	3186	3189	3193	rVV	488260	671837	1.92%	0.194%
83	21.792	3193	3197	3198	rVV	582049	805670	2.30%	0.233%
84	21.816	3198	3201	3206	rVB	958421	1431039	4.09%	0.414%
85	22.045	3236	3240	3244	rBV	376760	681674	1.95%	0.197%
86	22.116	3245	3252	3258	rVB	1280527	2583045	7.39%	0.747%
87	22.180	3259	3263	3268	rBV	560078	868860	2.49%	0.251%
88	22.392	3295	3299	3303	rBV2	548015	944590	2.70%	0.273%
89	22.433	3303	3306	3311	rVB2	526969	845406	2.42%	0.245%
90	22.815	3366	3371	3376	rBV3	516983	1059838	3.03%	0.307%
91	23.210	3431	3438	3446	rVB2	651135	1641693	4.70%	0.475%
92	23.592	3492	3503	3509	rBV	6447562	21396569	61.20%	6.191%
93	23.827	3536	3543	3550	rVB	1031277	2235560	6.39%	0.647%
94	24.286	3612	3621	3629	rBV	3409901	9228233	26.40%	2.670%
95	24.445	3639	3648	3657	rVB	5744423	13800810	39.48%	3.993%
96	24.568	3663	3669	3675	rBV	950939	1980841	5.67%	0.573%
97	24.645	3676	3682	3690	rVB	1317444	2930134	8.38%	0.848%
98	28.192	4272	4285	4301	rVB3	2550890	10866395	31.08%	3.144%
99	28.639	4354	4361	4371	rVB	394794	1407902	4.03%	0.407%
100	29.321	4464	4477	4489	rVB	1782109	6983389	19.98%	2.021%

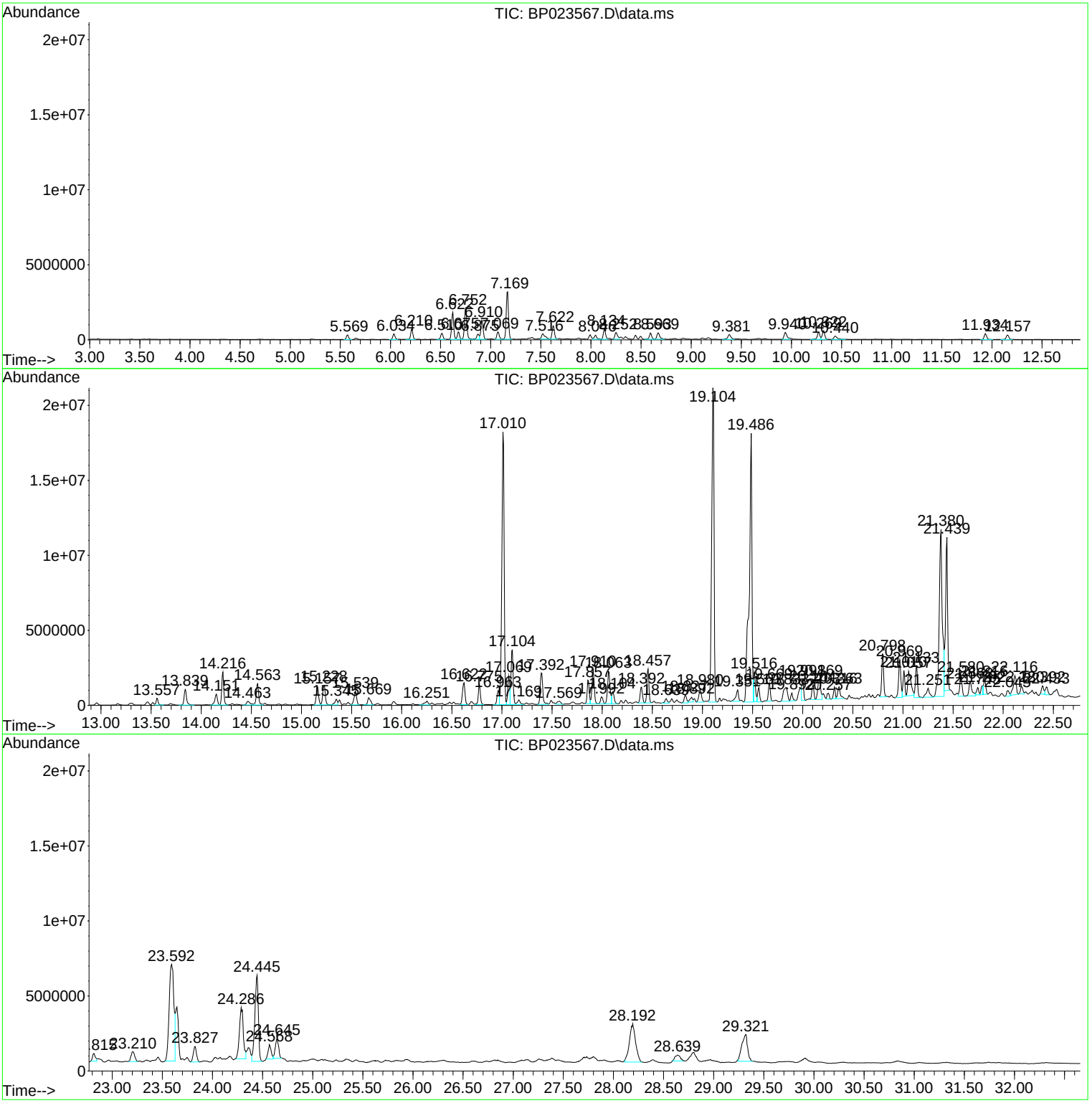
Sum of corrected areas: 345616313

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

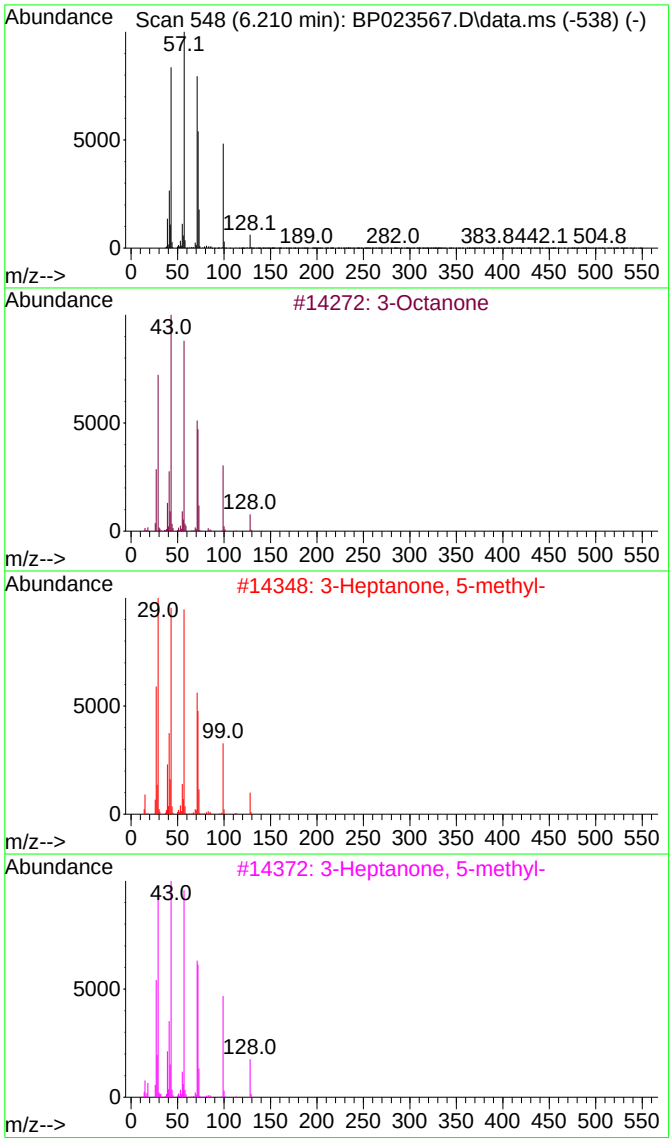
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

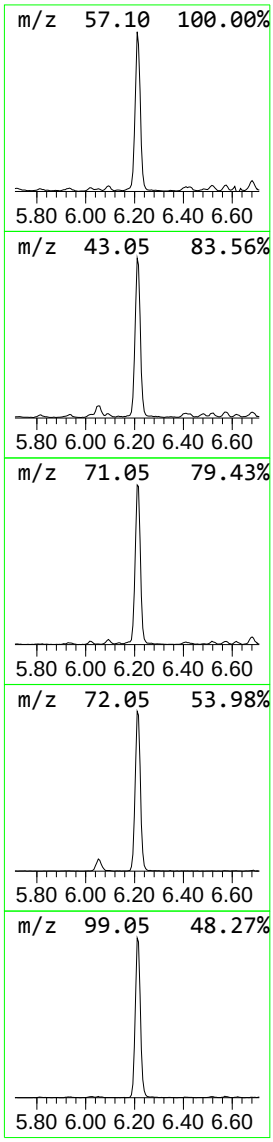
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 3-Octanone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.210	24.76 ng/ul	1058460	1,4-Dichlorobenzene-d4	7.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone	128	C8H16O	000106-68-3	91
2	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	91
3	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	78
4	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	74
5	3-Octanone	128	C8H16O	000106-68-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

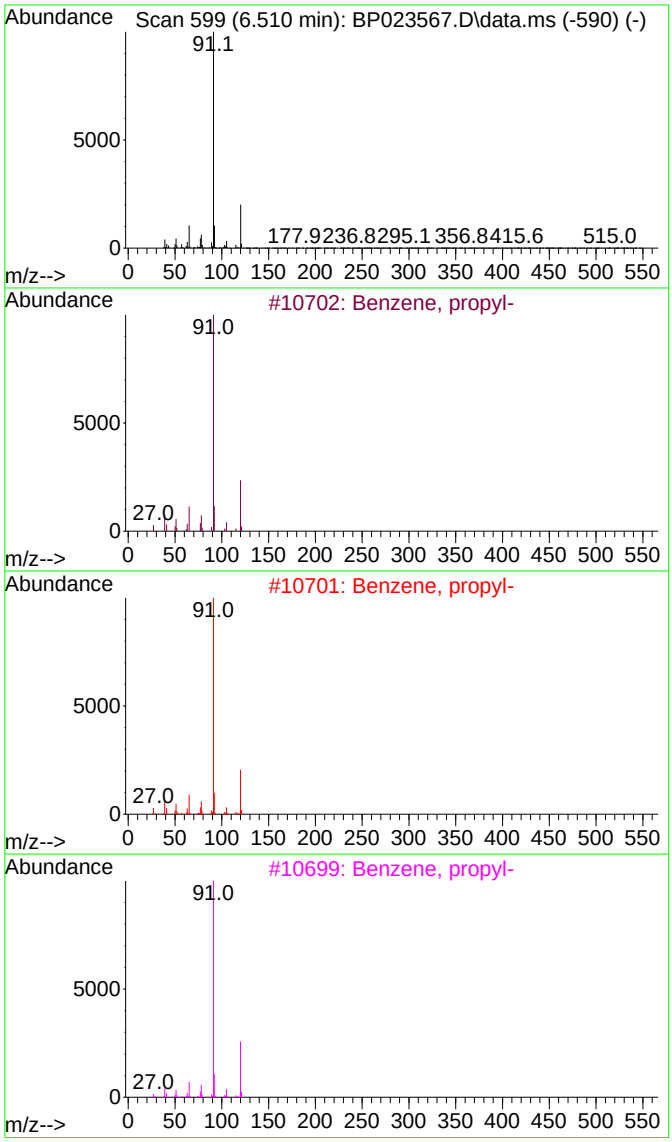
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

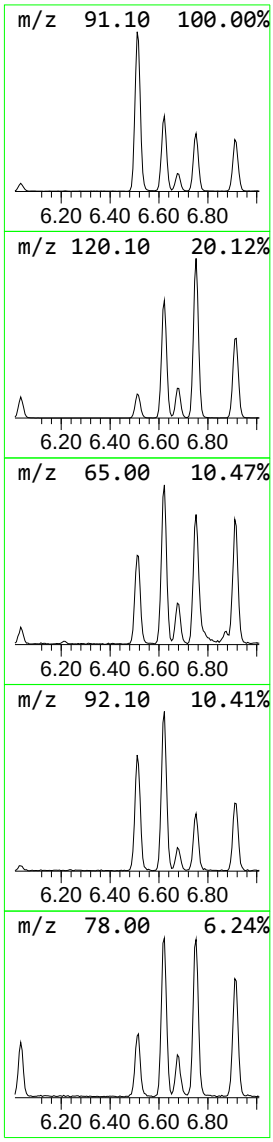
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, propyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.510	15.72 ng/ul	671934	1,4-Dichlorobenzene-d4	7.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	78
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

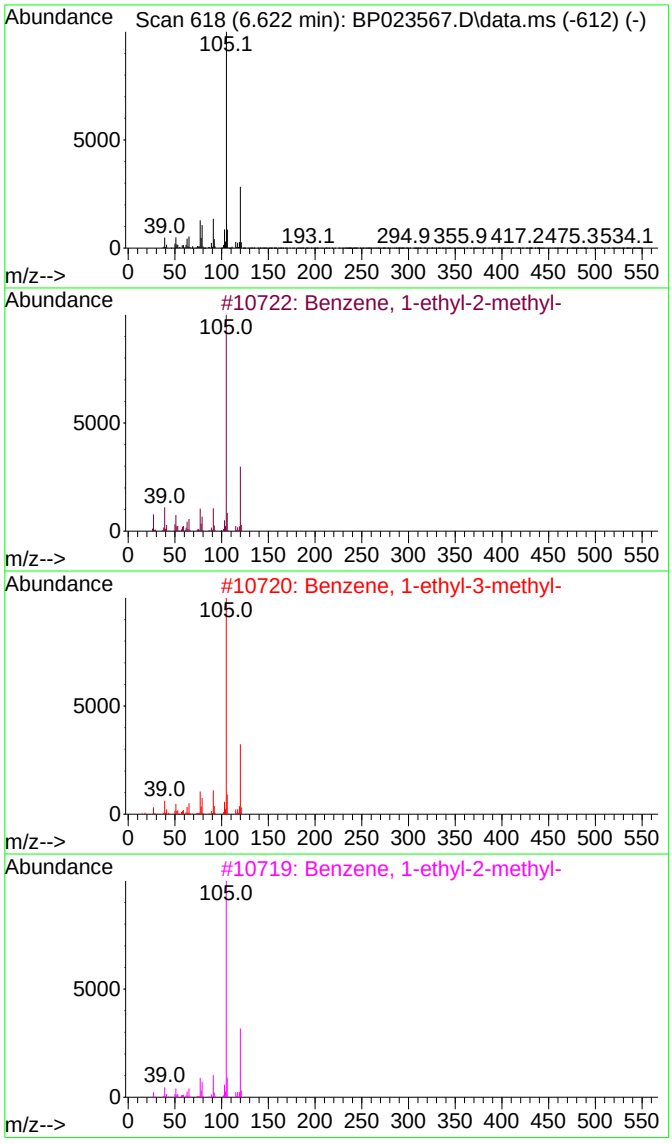
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

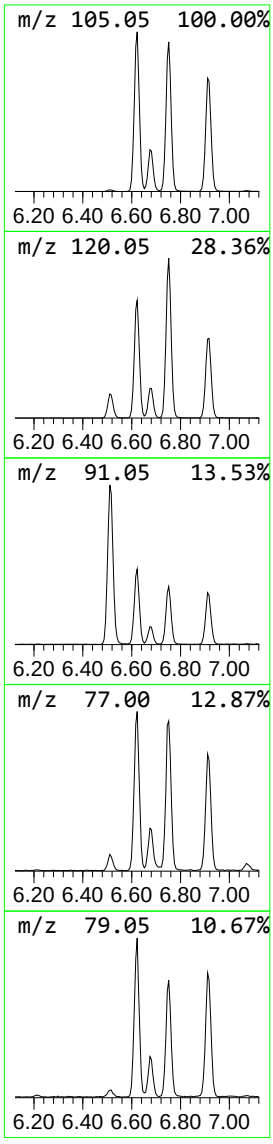
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.622	61.73 ng/ul	2639200	1,4-Dichlorobenzene-d4	7.516

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-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

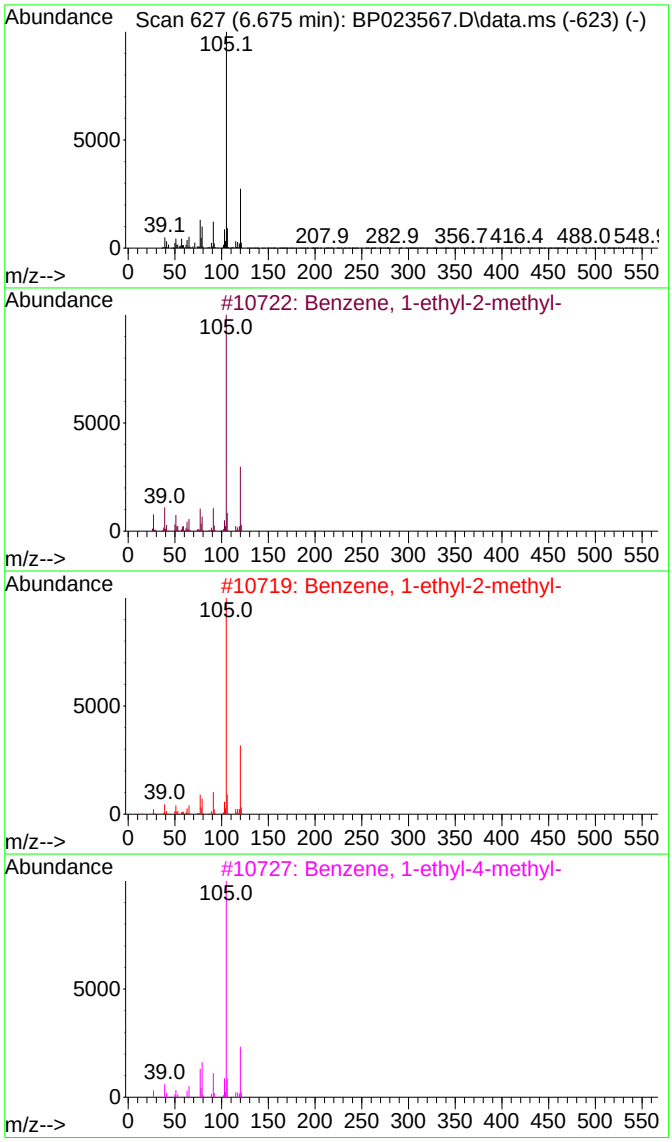
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

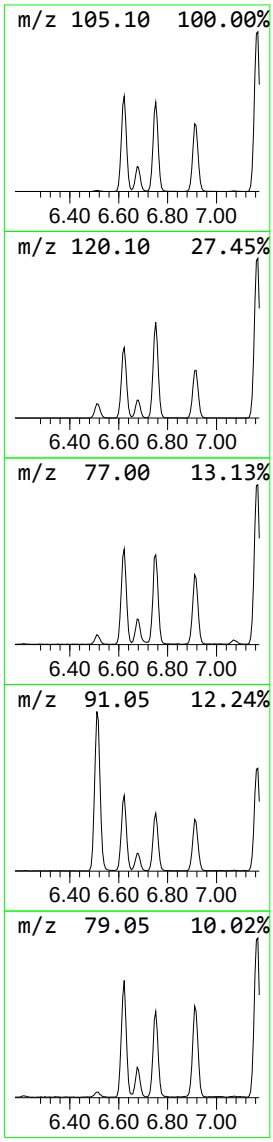
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.675	17.26 ng/ul	737990	1,4-Dichlorobenzene-d4	7.516

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	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

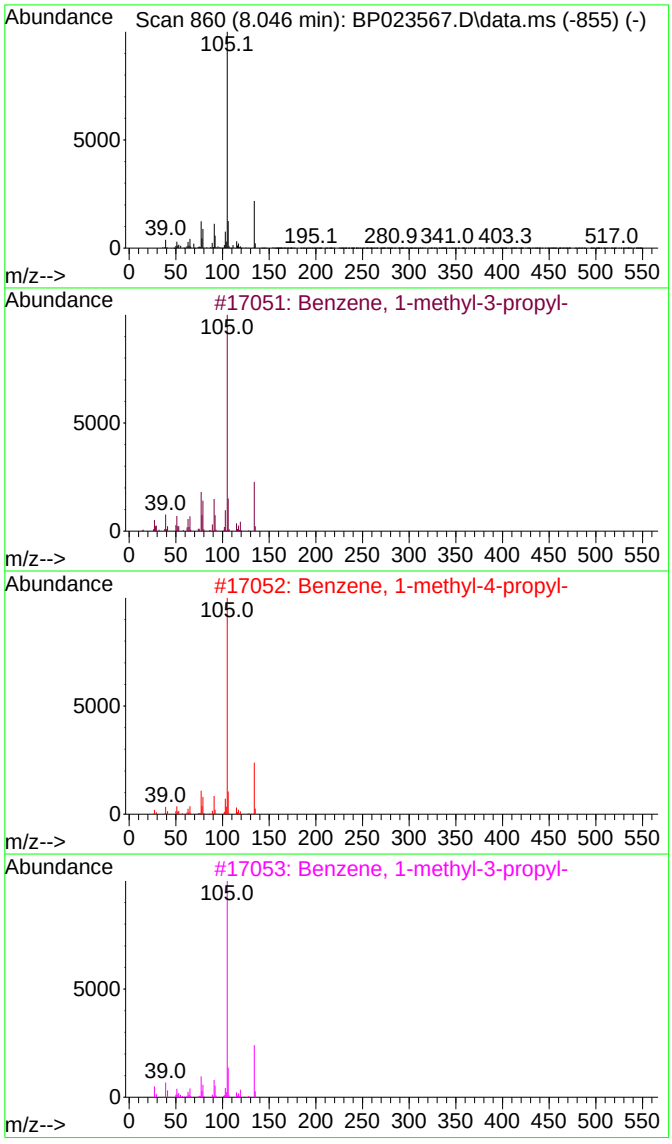
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

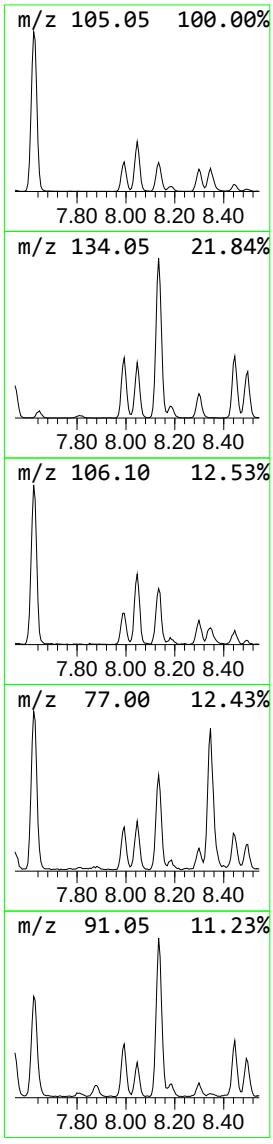
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-methyl-3-propyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.046	11.28 ng/ul	482096	1,4-Dichlorobenzene-d4	7.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

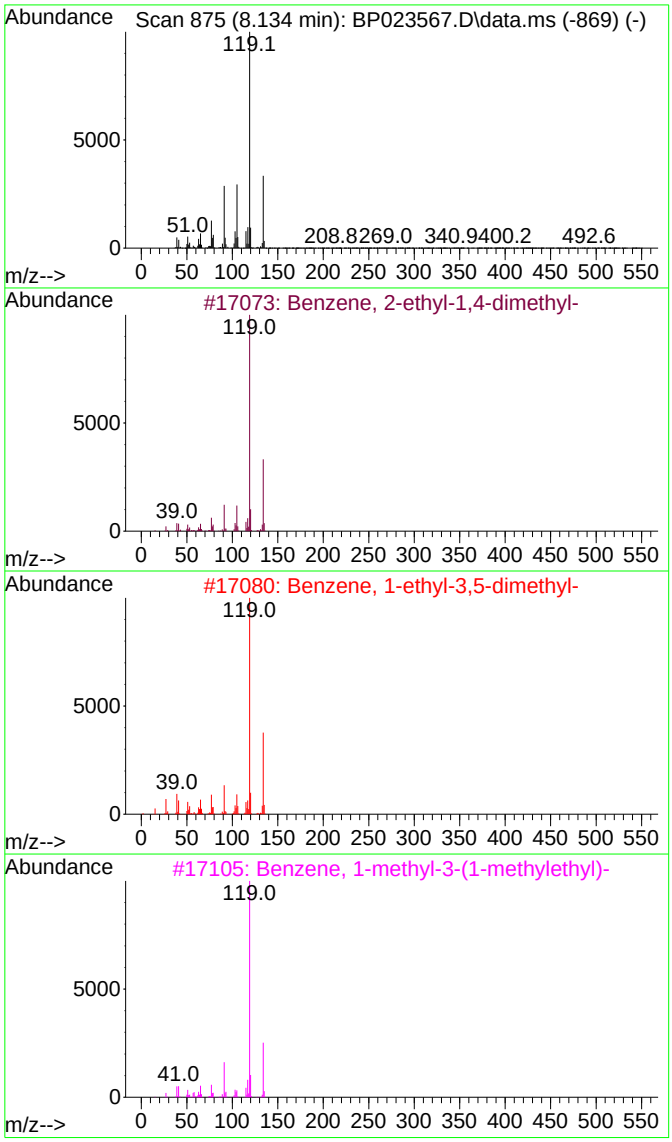
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

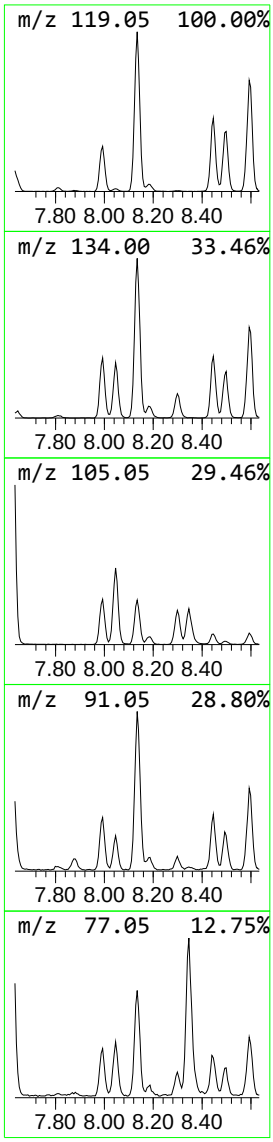
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.134	25.51 ng/ul	1090560	1,4-Dichlorobenzene-d4	7.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

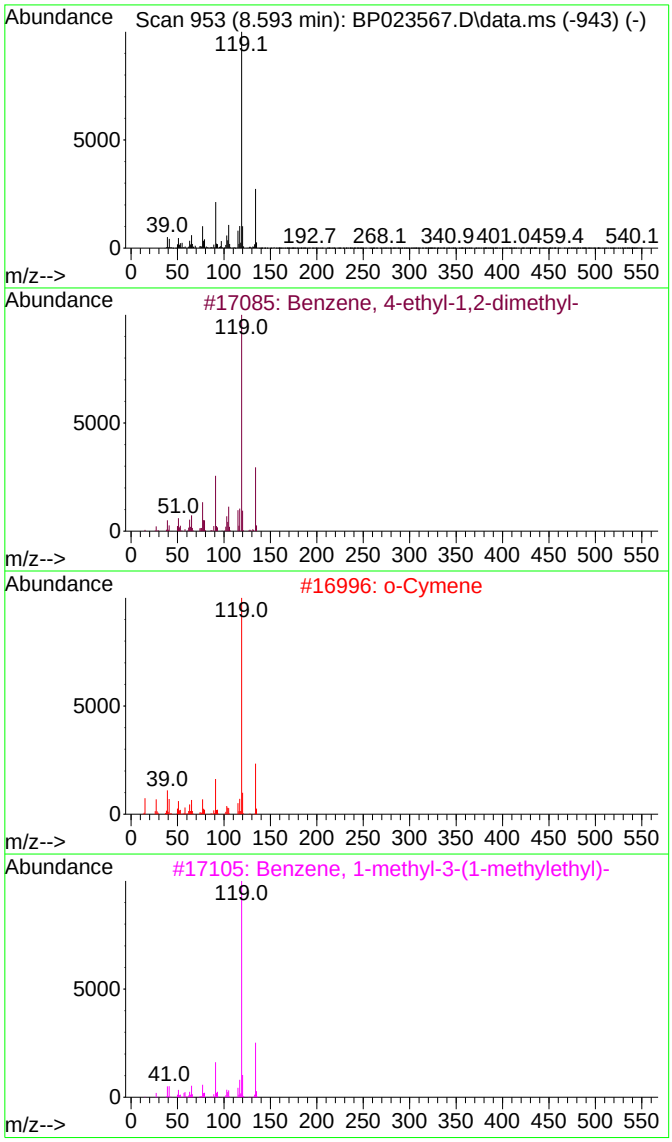
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

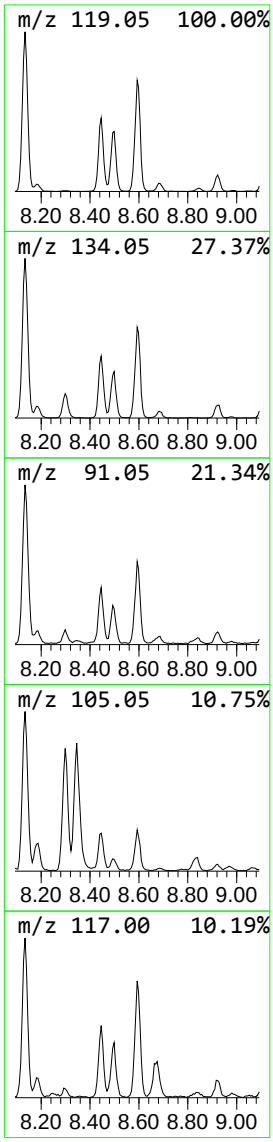
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.593	16.03 ng/ul	685518	1,4-Dichlorobenzene-d4	7.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

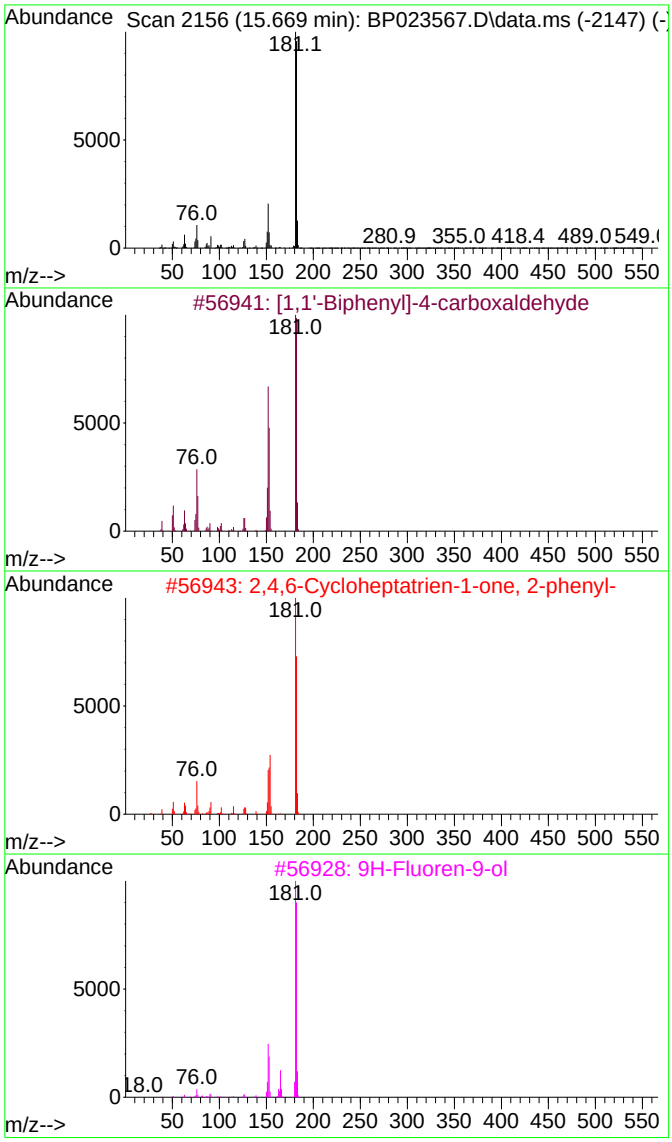
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

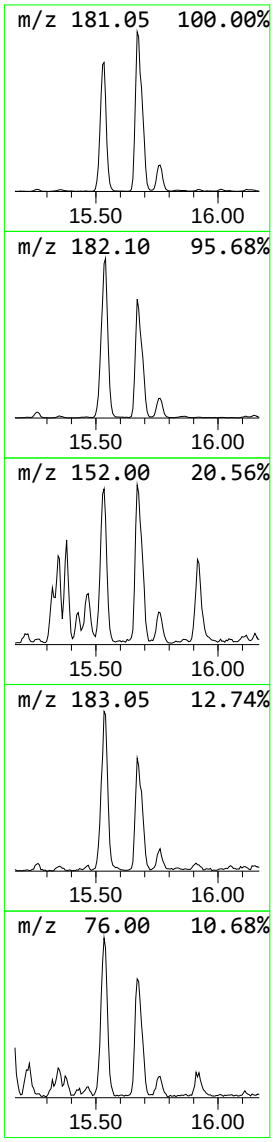
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.669	13.36 ng/ul	971276	Phenanthrene-d10	16.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

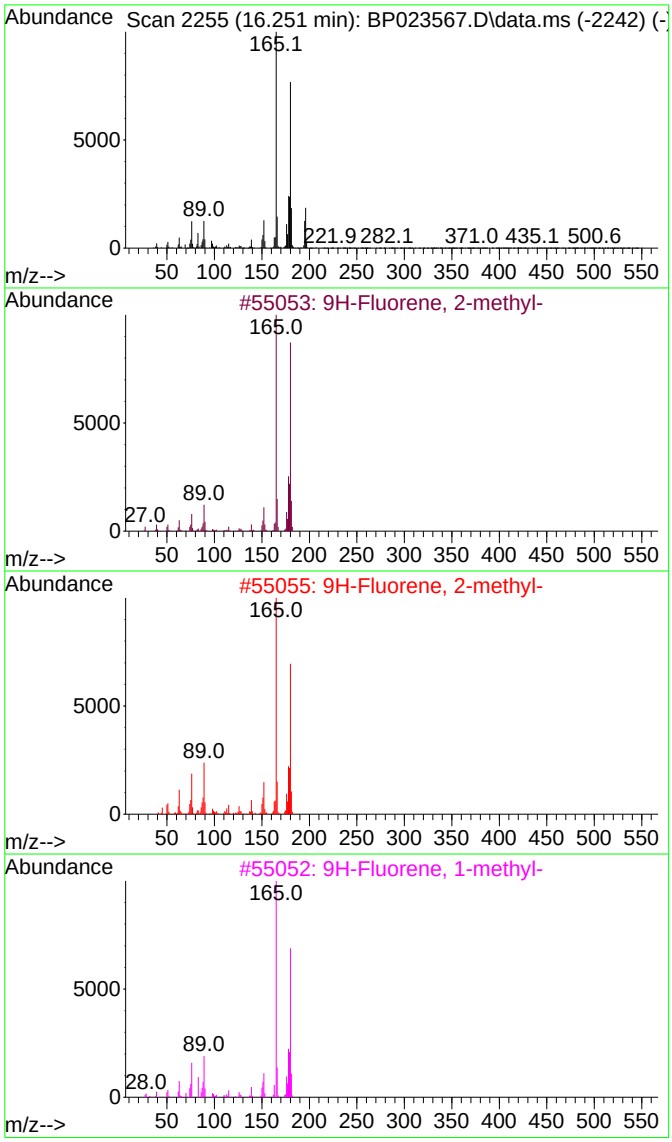
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

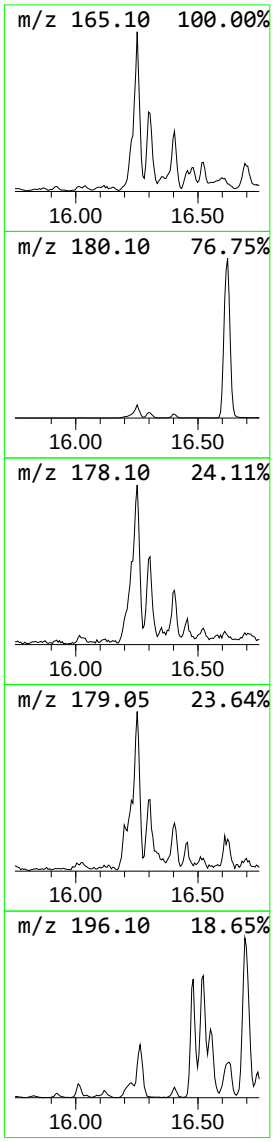
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 9H-Fluorene, 2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.251	8.13 ng/ul	590881	Phenanthrene-d10	16.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

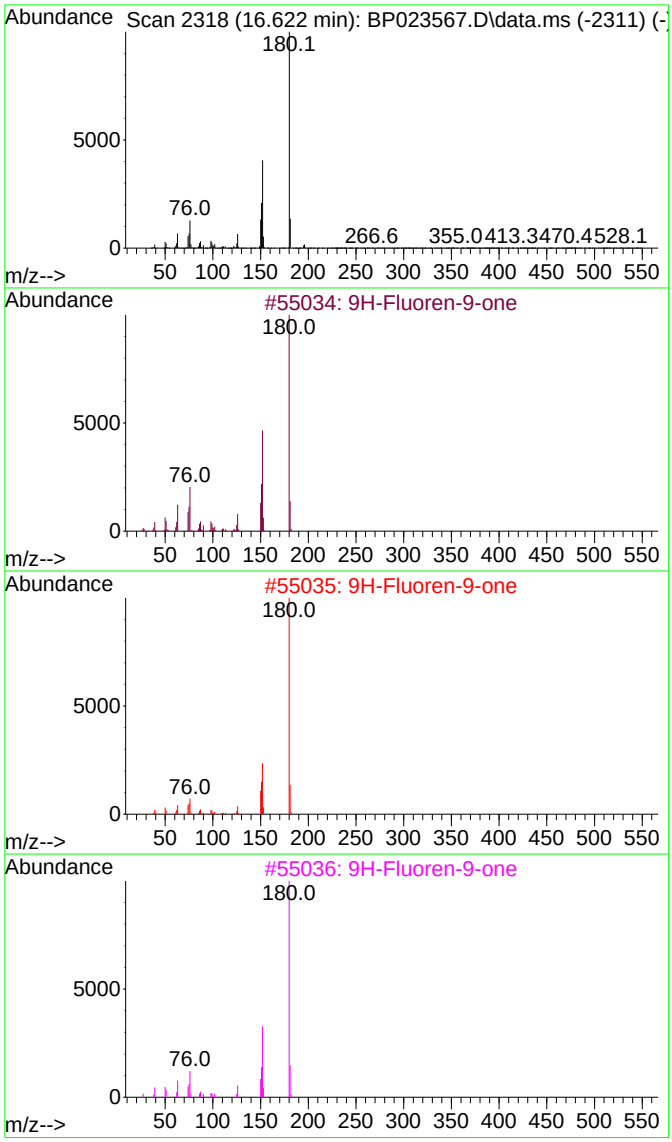
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

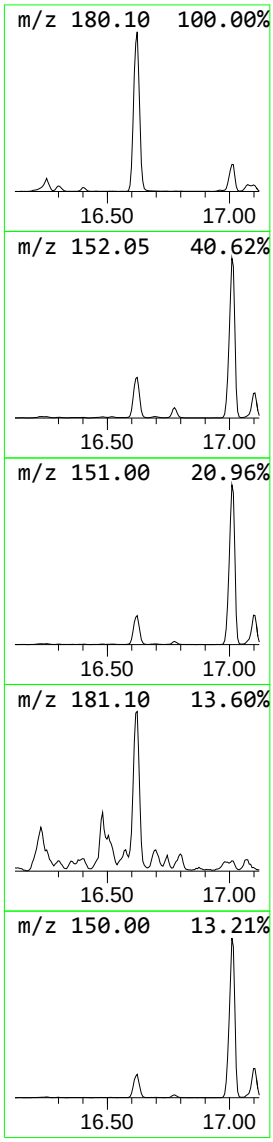
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9H-Fluoren-9-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.622	34.64 ng/ul	2518310	Phenanthrene-d10	16.963

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	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

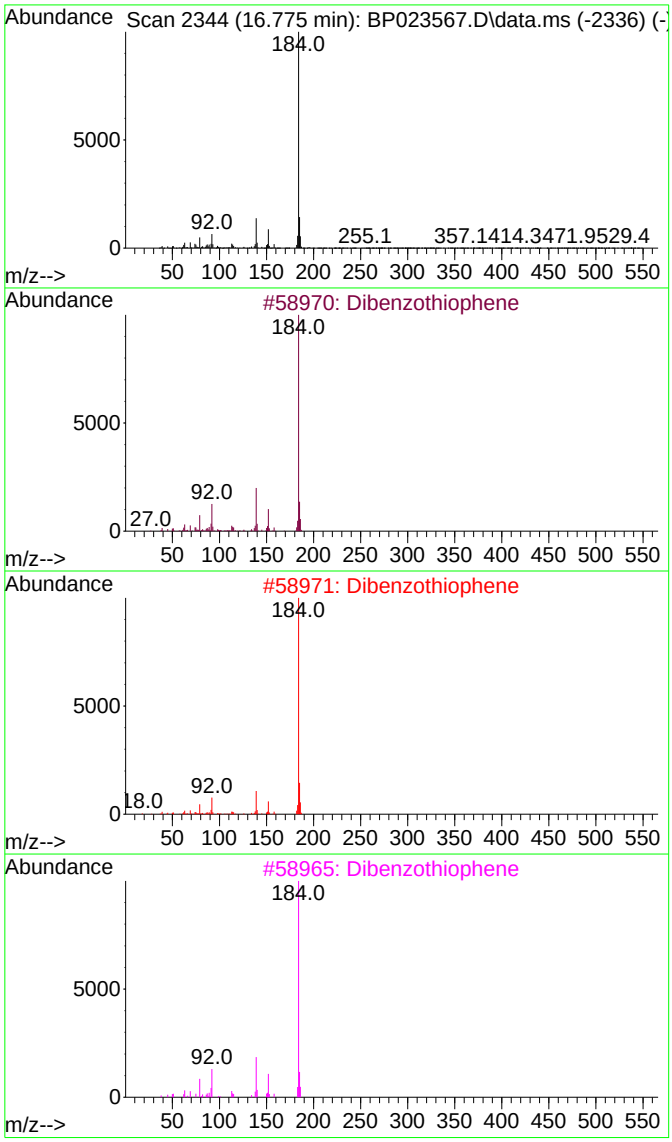
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

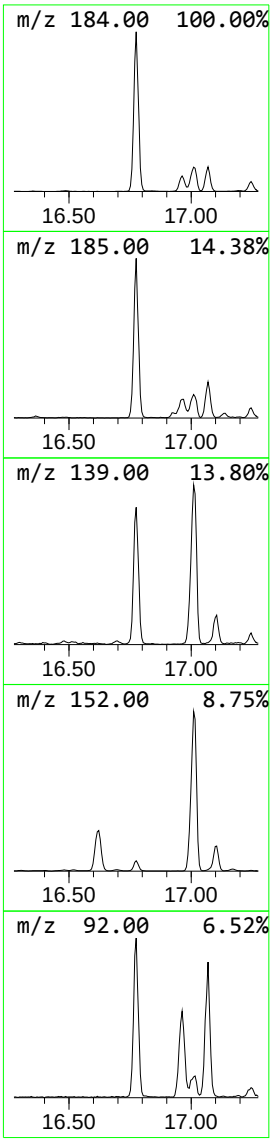
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.775	25.94 ng/ul	1885880	Phenanthrene-d10	16.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

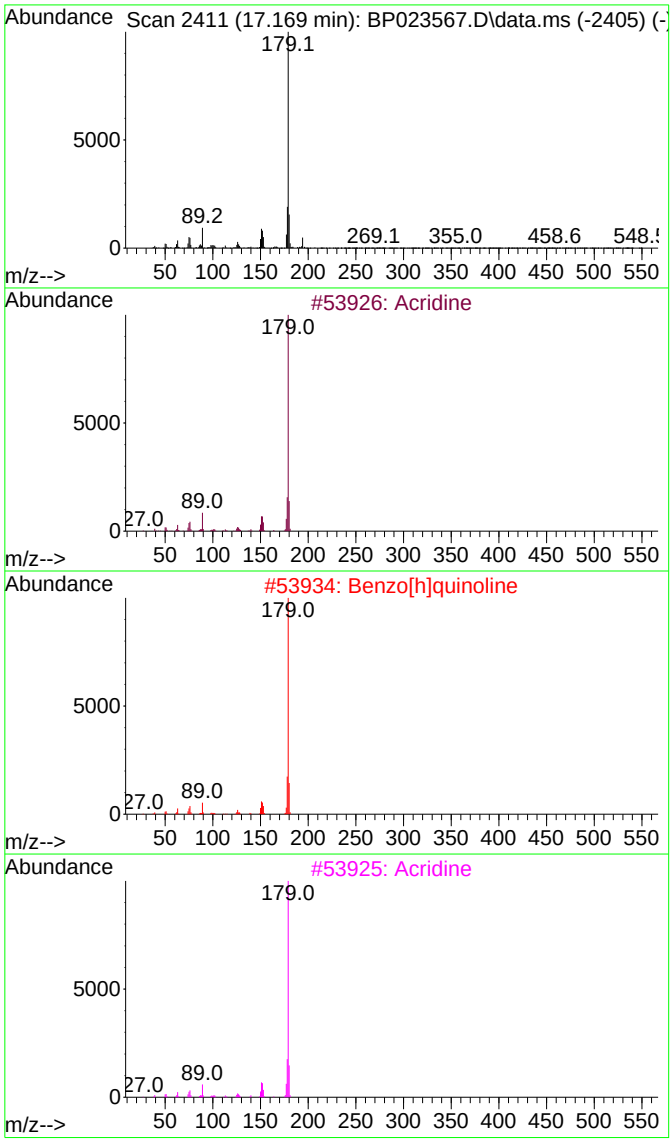
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

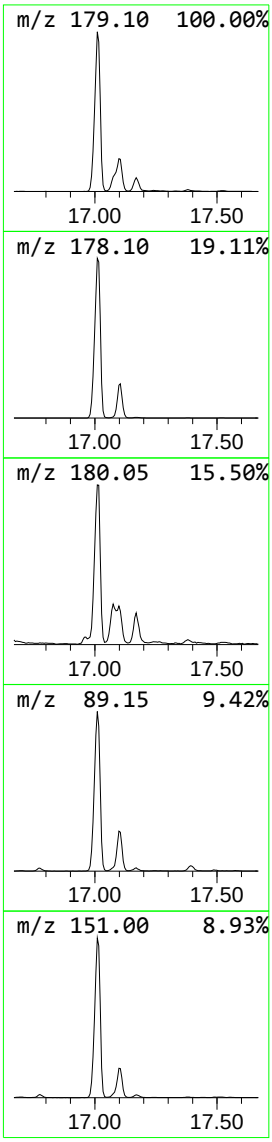
****

Peak Number 17 Acridine Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.169	8.14 ng/ul	592097	Phenanthrene-d10	16.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	97
2	Benzo[h]quinoline	179	C13H9N	000230-27-3	97
3	Acridine	179	C13H9N	000260-94-6	95
4	Phenanthridine	179	C13H9N	000229-87-8	94
5	Acridine	179	C13H9N	000260-94-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

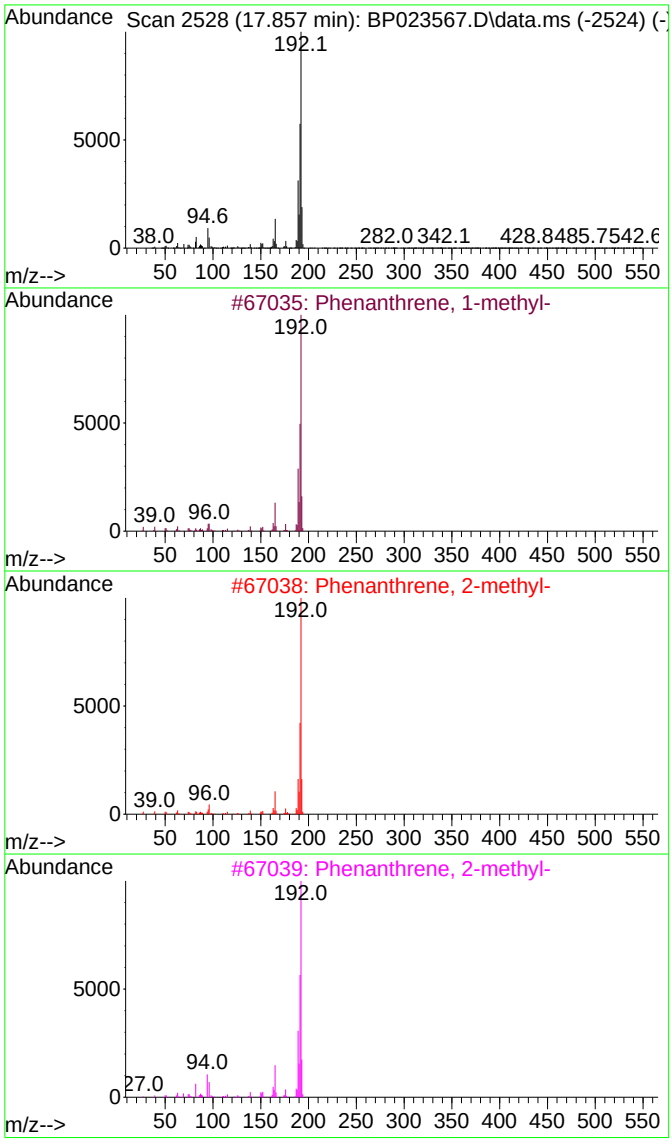
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

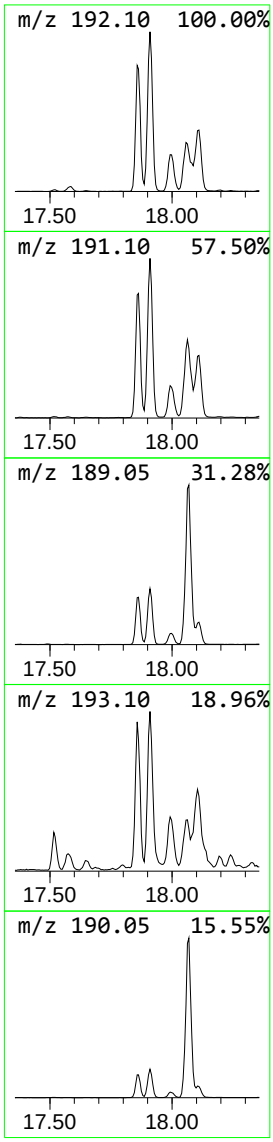
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.857	30.08 ng/ul	2186690	Phenanthrene-d10	16.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

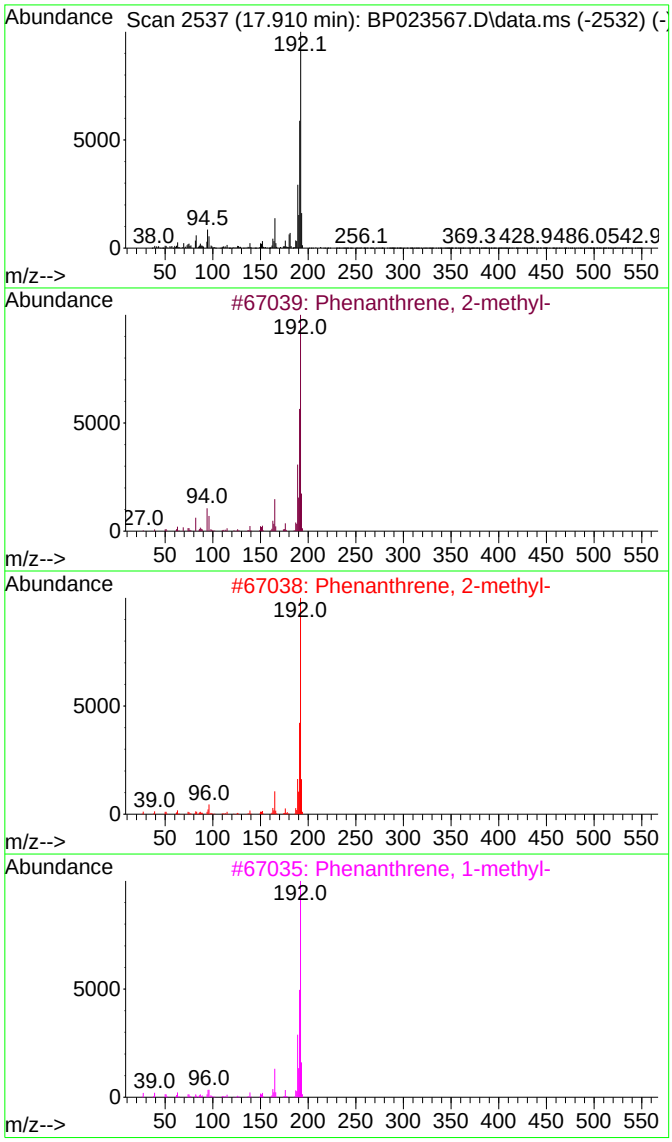
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

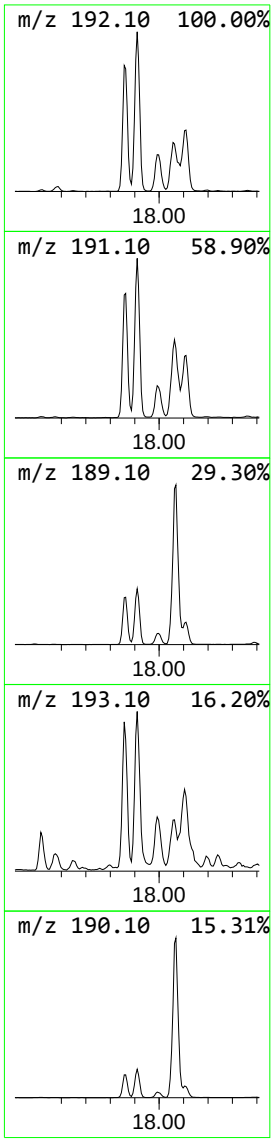
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.910	48.10 ng/ul	3496880	Phenanthrene-d10	16.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

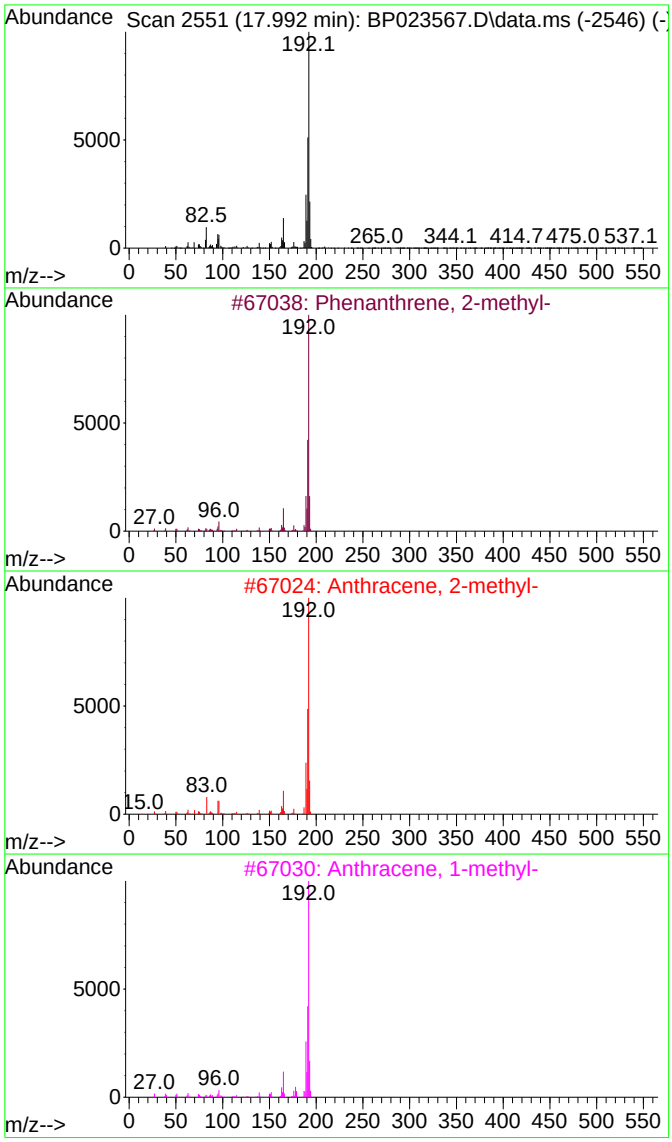
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

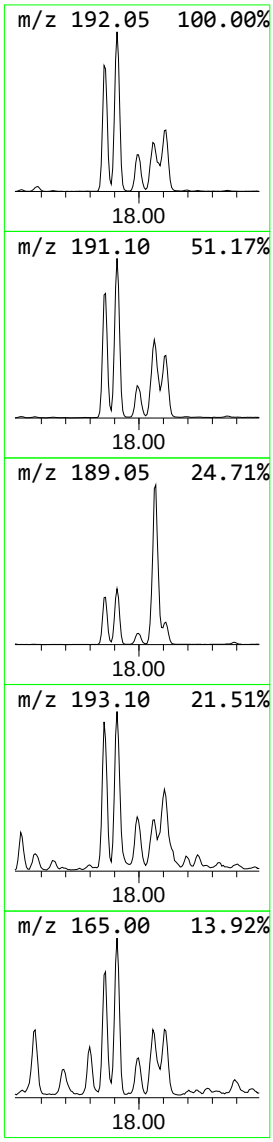
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Anthracene, 2-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	10.23 ng/ul	743432	Phenanthrene-d10	16.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

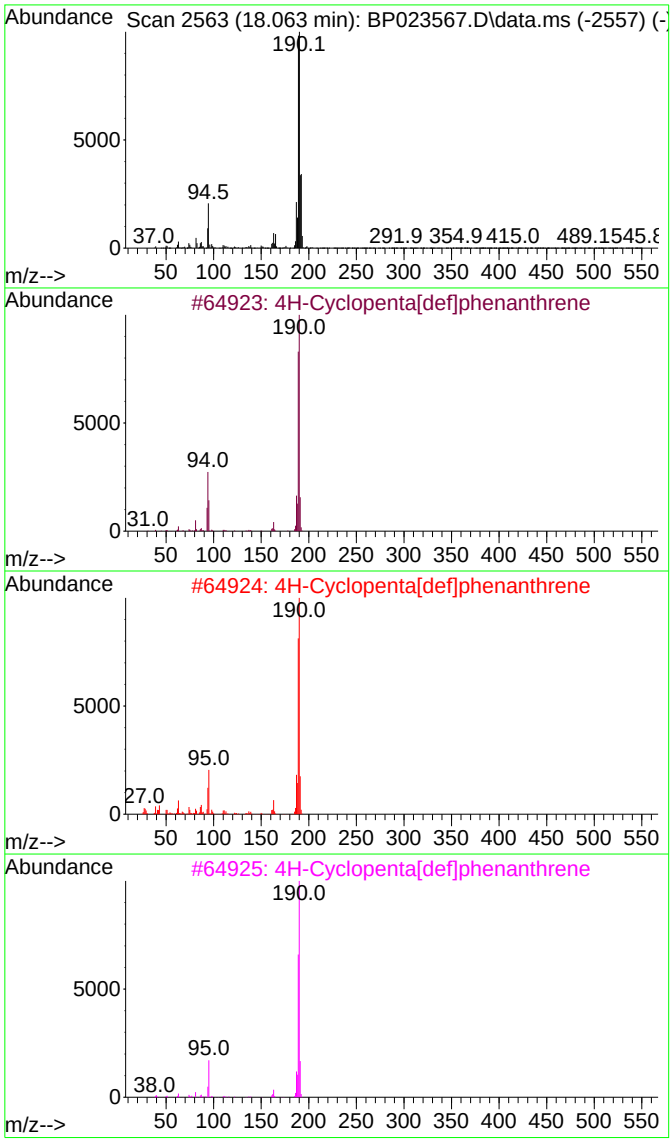
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

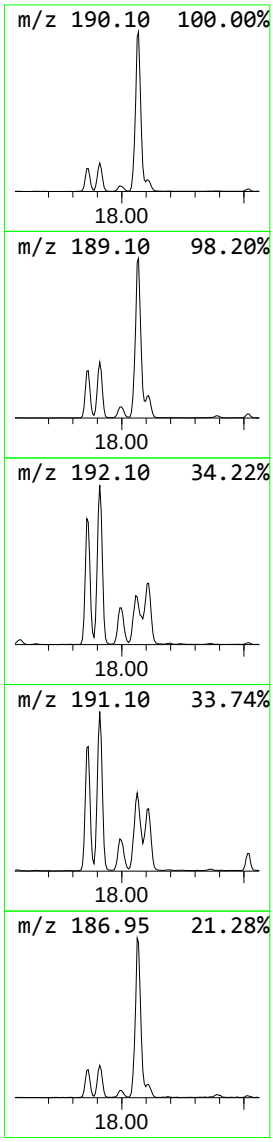
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.063	52.41 ng/ul	3810230	Phenanthrene-d10	16.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5	Methyl diselenide	190	C2H6Se2	007101-31-7	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

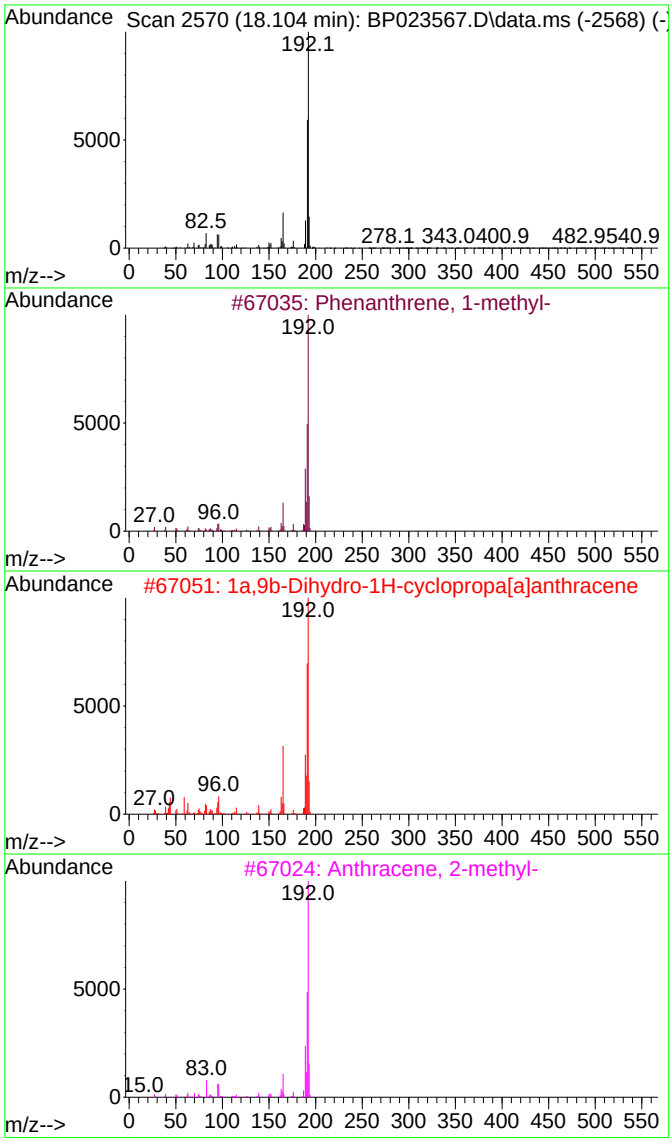
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

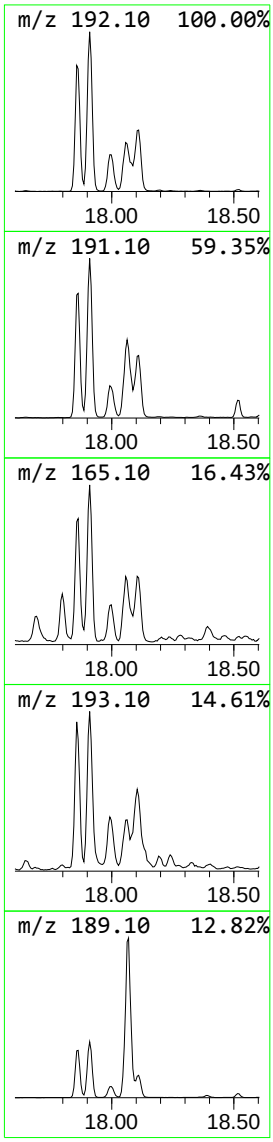
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 1a,9b-Dihydro-1H-cyclopropa... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	16.39 ng/ul	1191620	Phenanthrene-d10	16.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

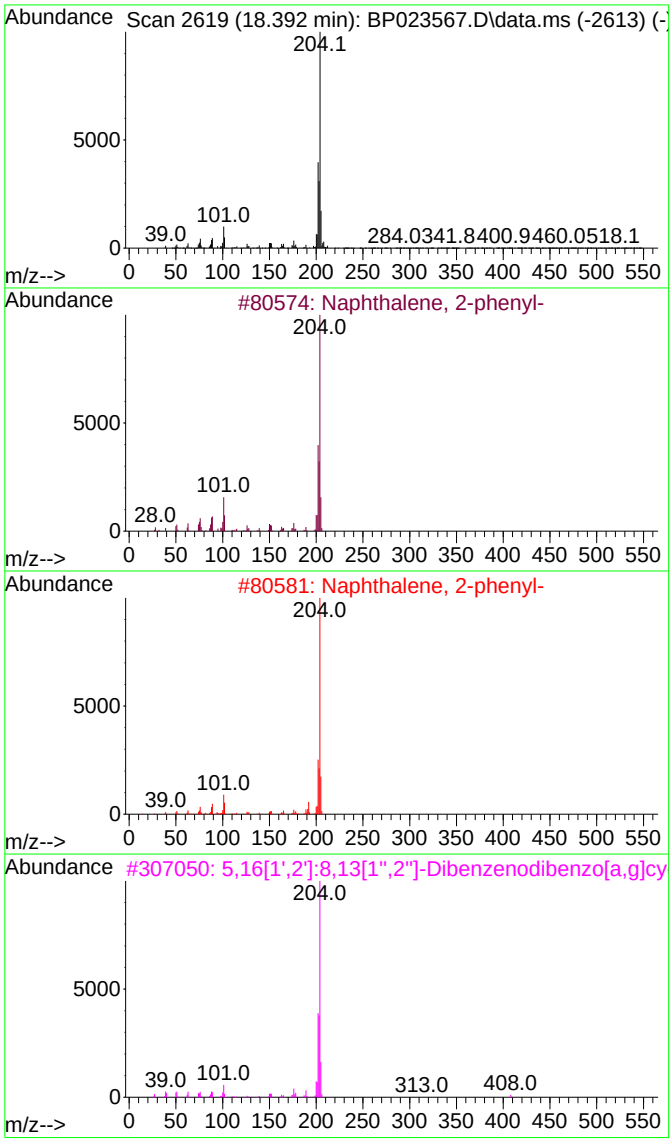
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

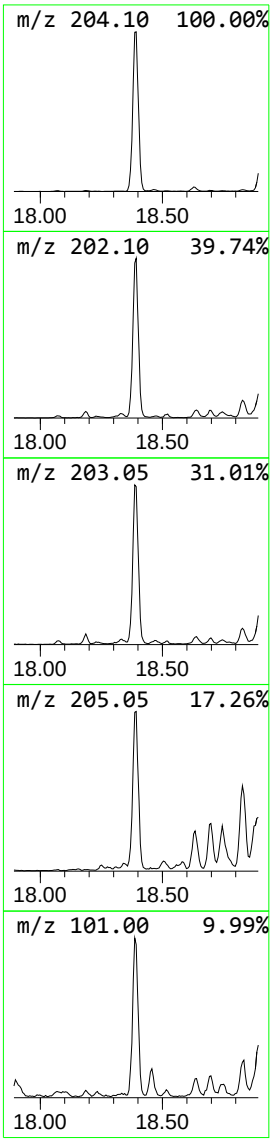
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.392	22.80 ng/ul	1657990	Phenanthrene-d10	16.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

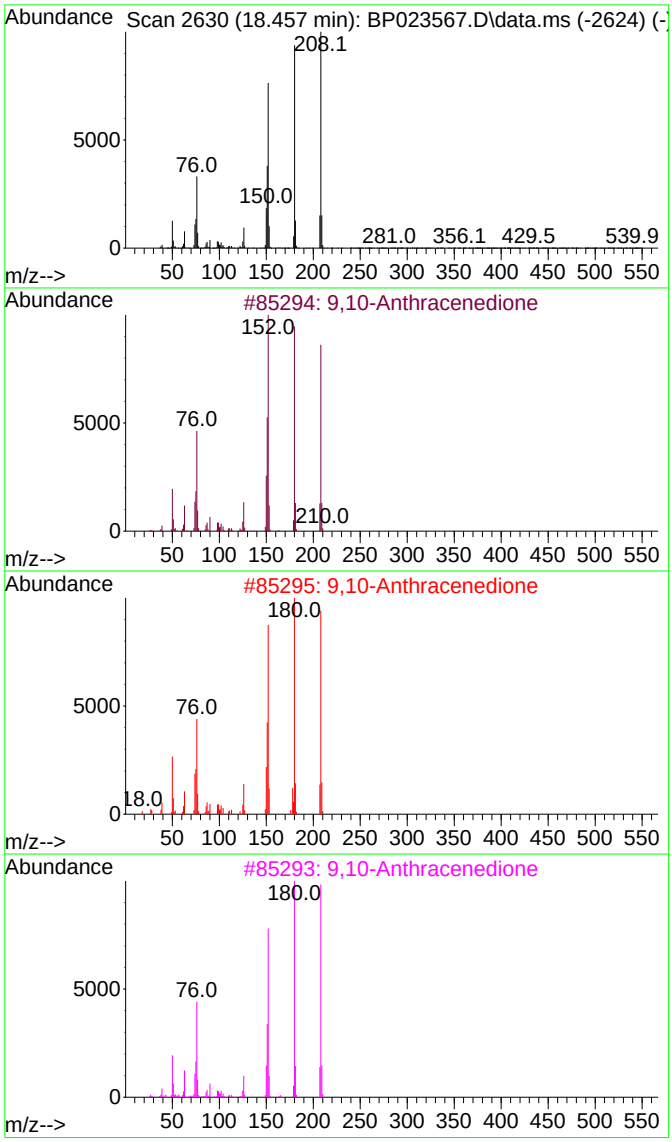
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

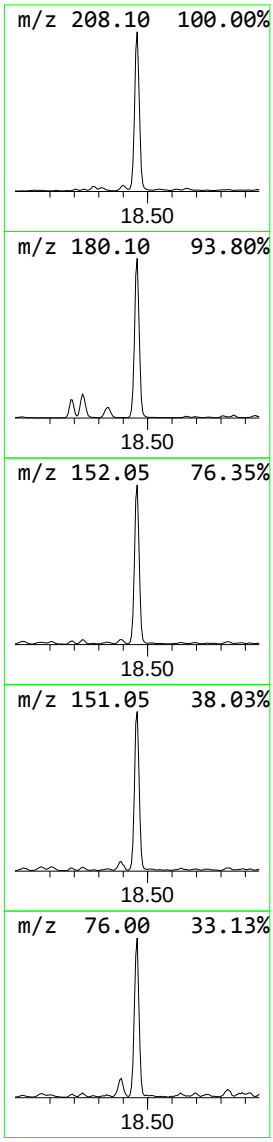
****

Peak Number 25 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.457	42.03 ng/ul	3055920	Phenanthrene-d10	16.963

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	97
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

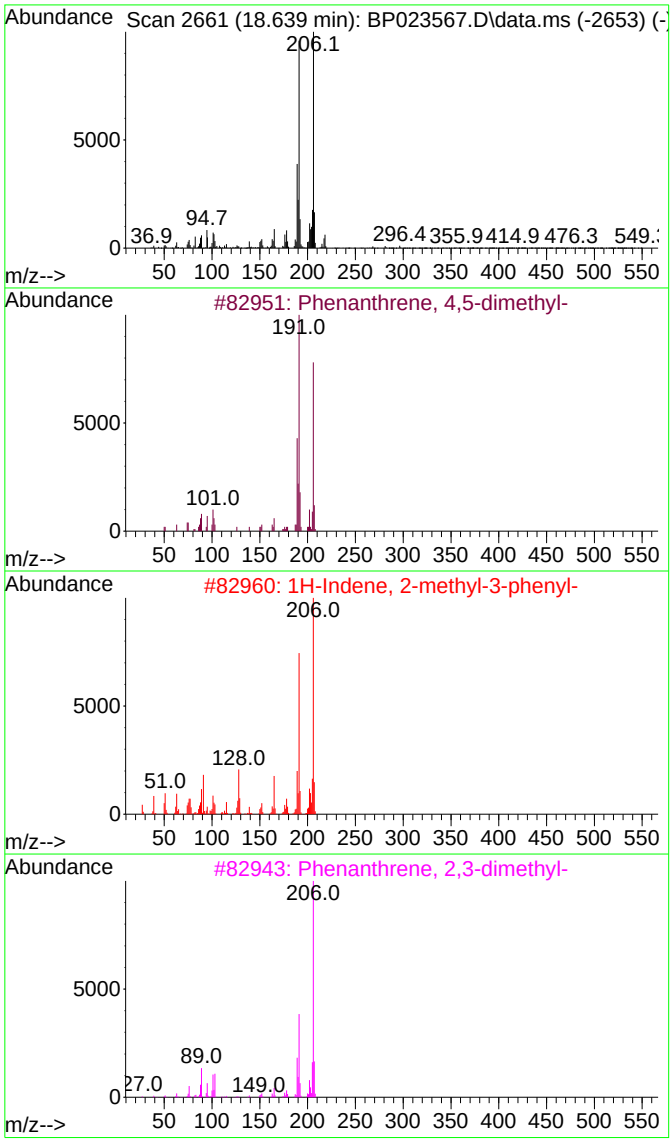
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

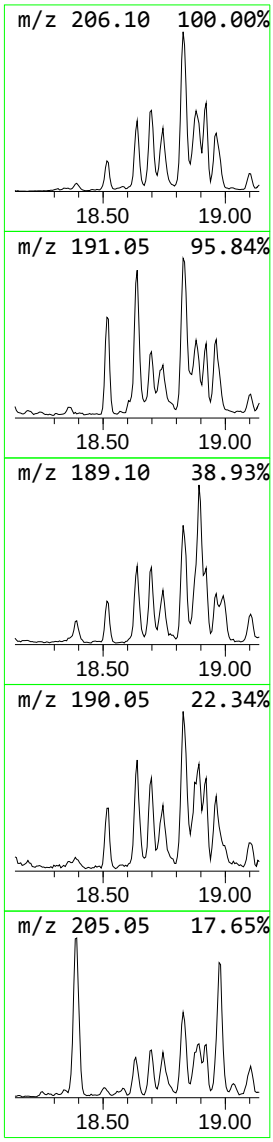
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Phenanthrene, 4,5-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.639	7.64 ng/ul	555723	Phenanthrene-d10	16.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	95
2	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

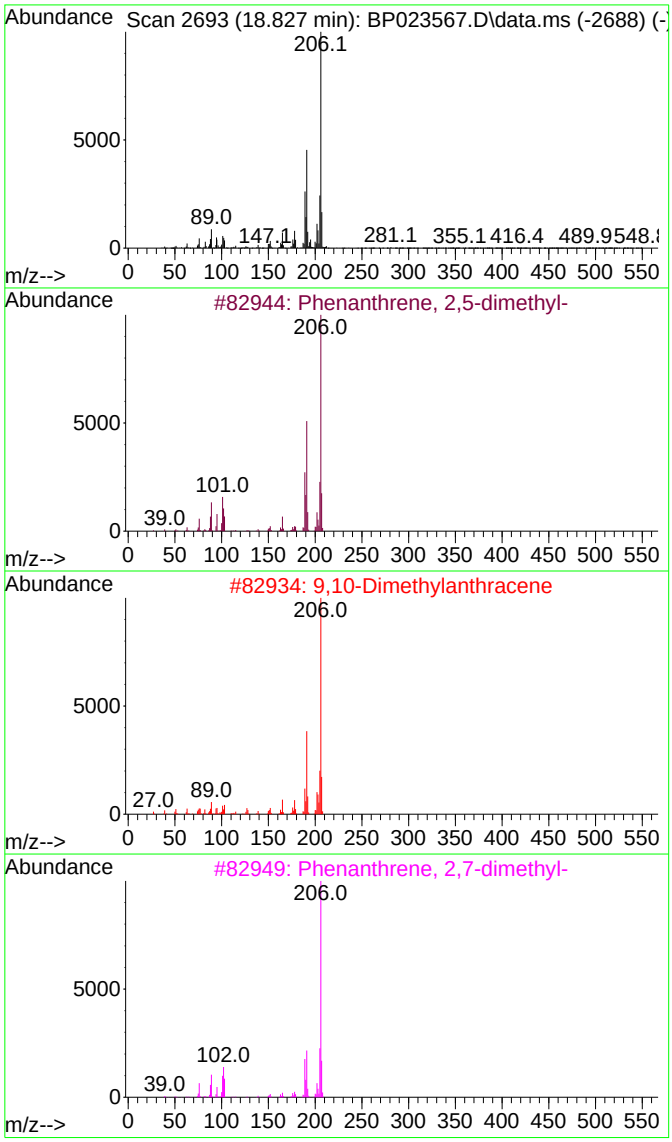
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

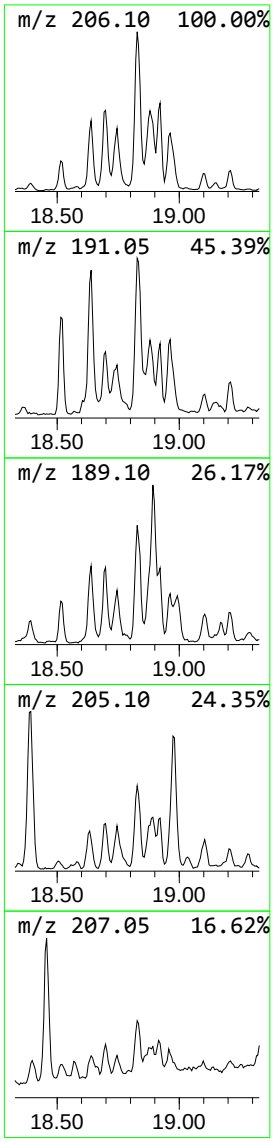
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Phenanthrene, 2,5-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.827	12.39 ng/ul	900986	Phenanthrene-d10	16.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

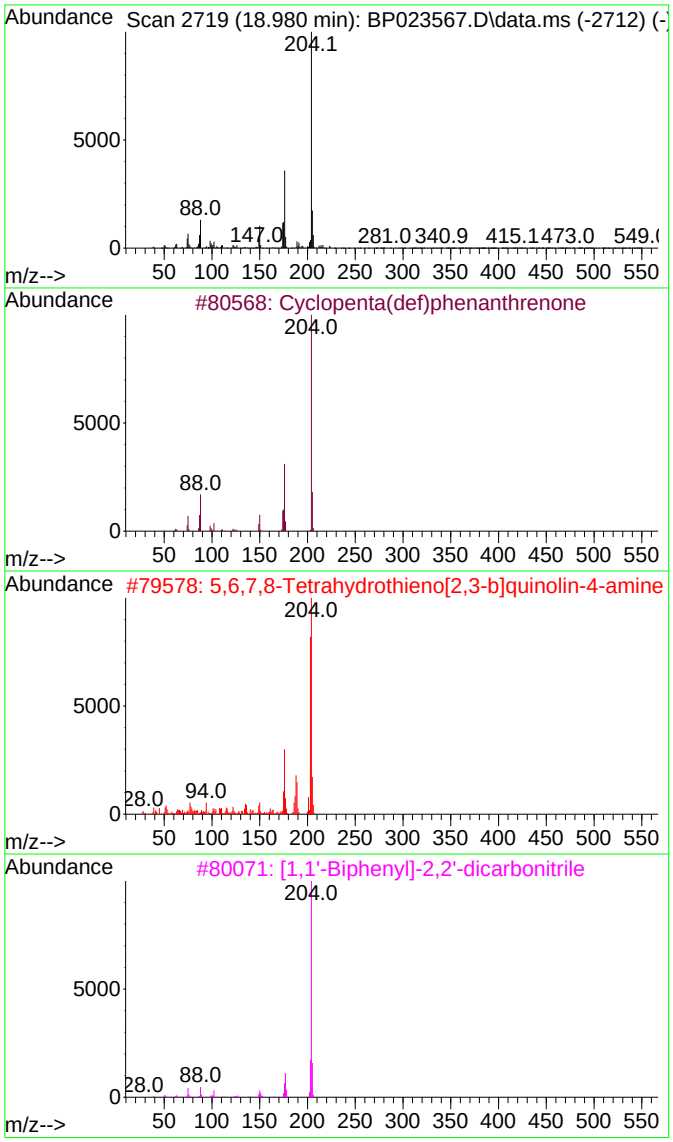
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

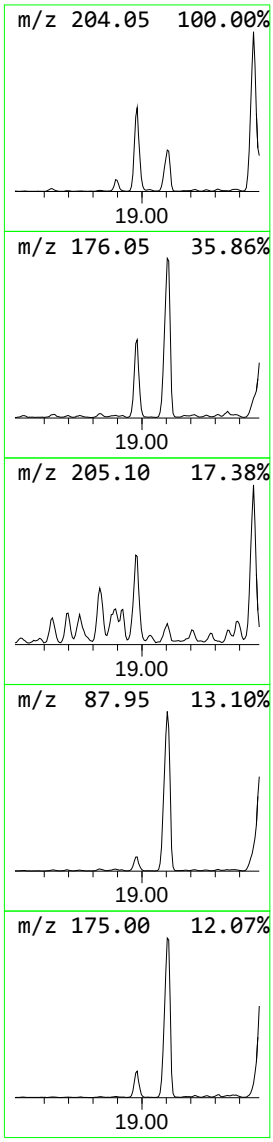
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.980	21.68 ng/ul	1576500	Phenanthrene-d10	16.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	80
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	50
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

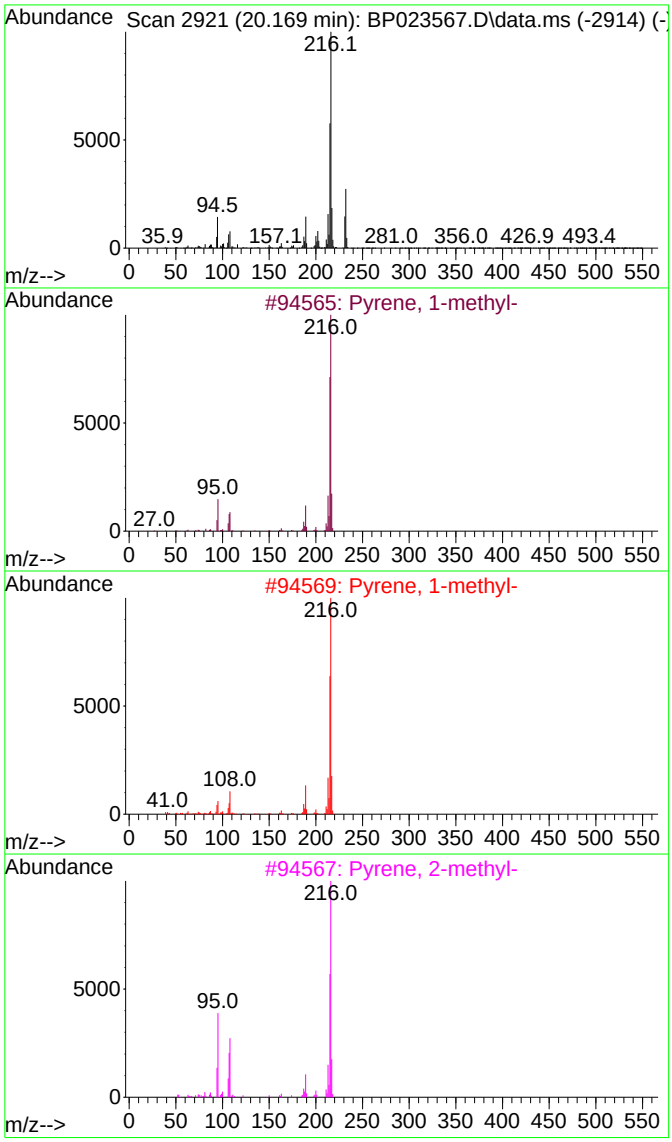
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

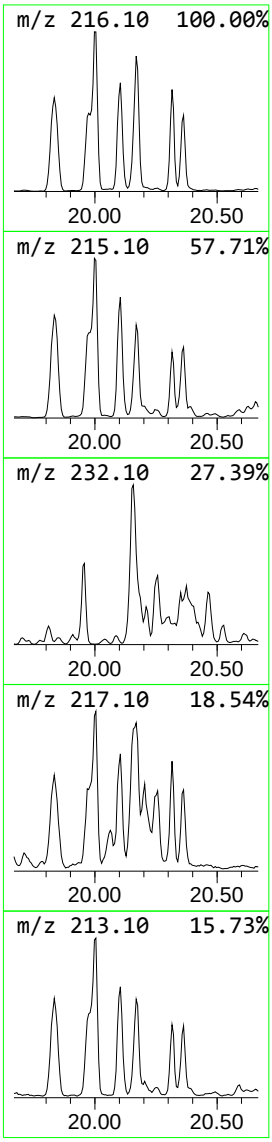
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Pyrene, 1-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.169	2.30 ng/ul	2773640	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

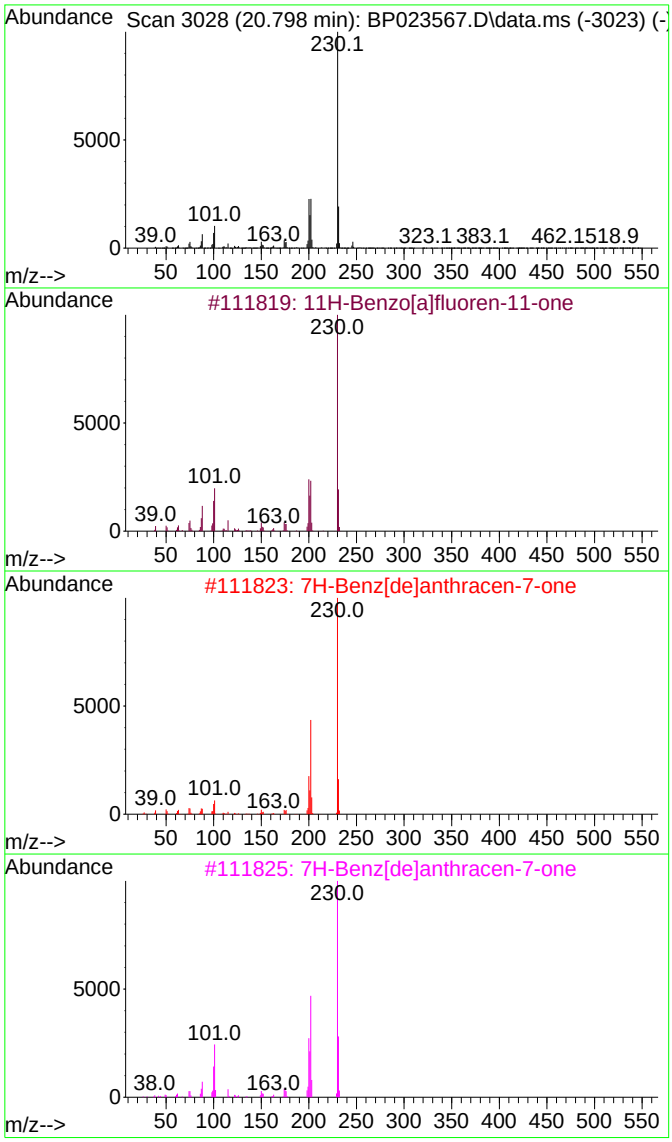
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

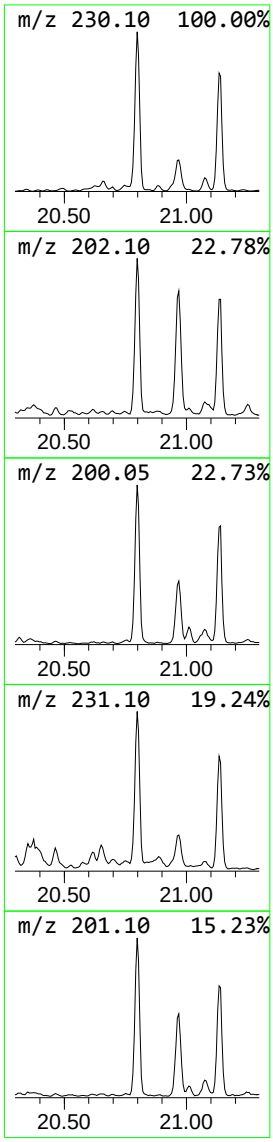
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 11H-Benzo[a]fluoren-11-one Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.798	3.26 ng/ul	3925100	Chrysene-d12	21.392

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	90
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	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

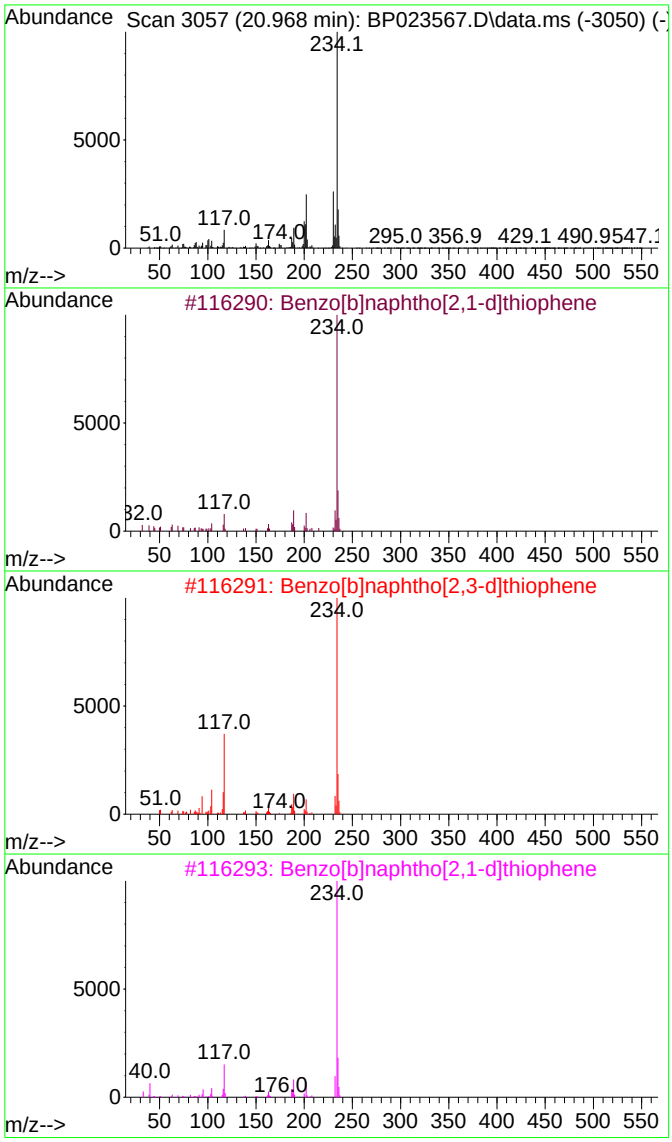
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

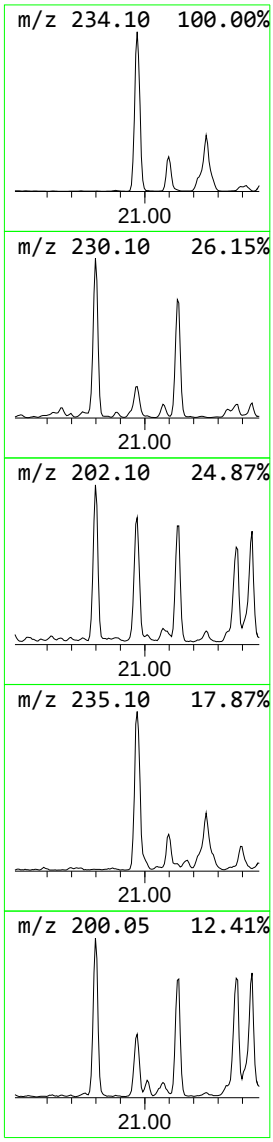
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.968	3.32 ng/ul	4003870	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	64
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	62
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

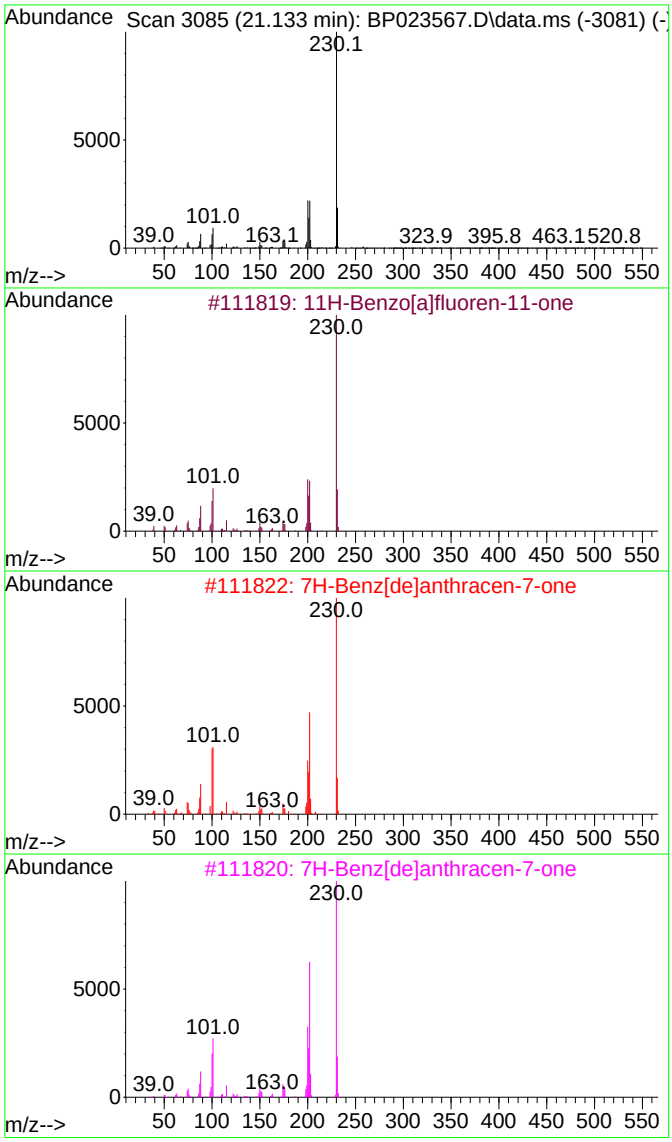
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

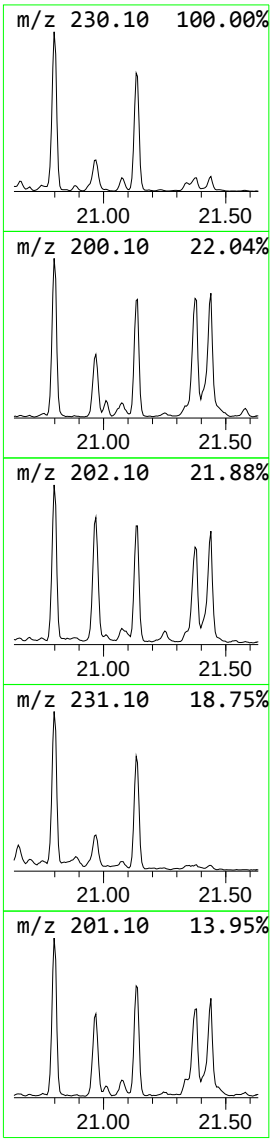
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 7H-Benz[de]anthracen-7-one Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.133	2.63 ng/ul	3167880	Chrysene-d12	21.392

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	91
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

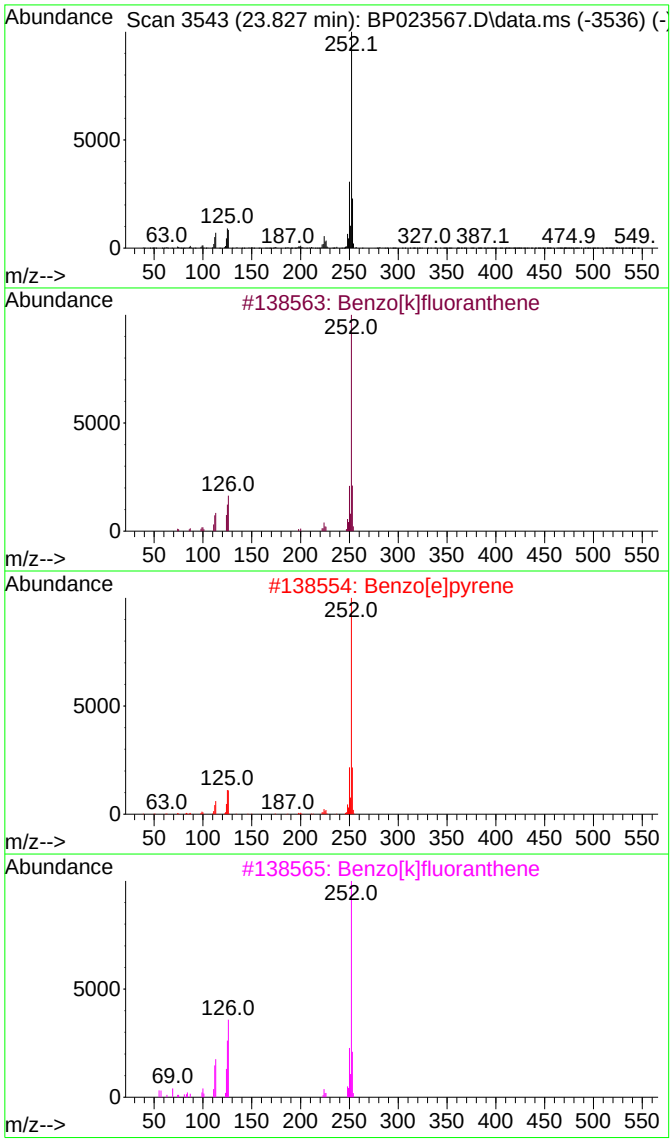
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

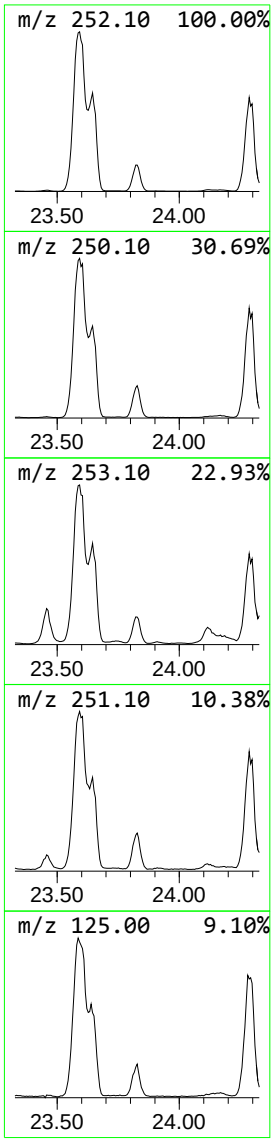
****

Peak Number 38 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.827	22.57 ng/ul	2235560	Perylene-d12	24.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

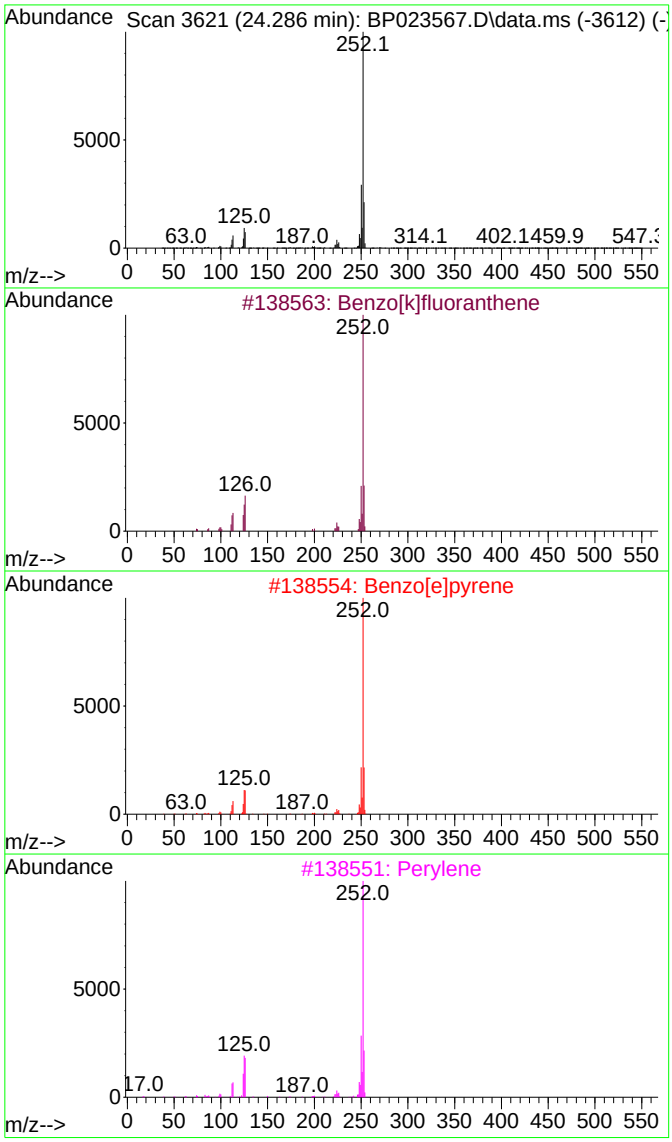
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

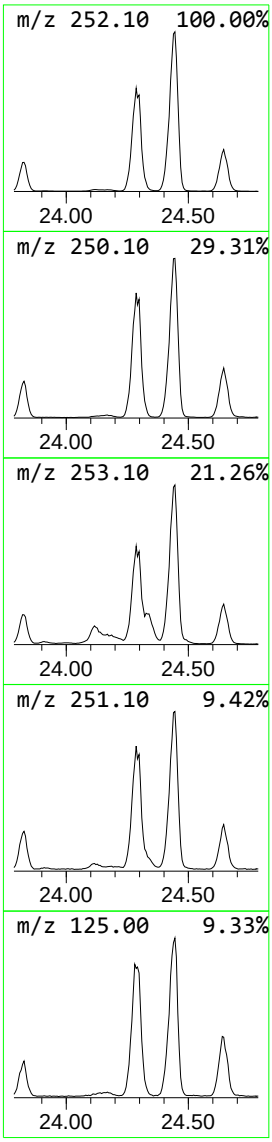
****

Peak Number 39 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.286	93.17 ng/ul	9228230	Perylene-d12	24.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

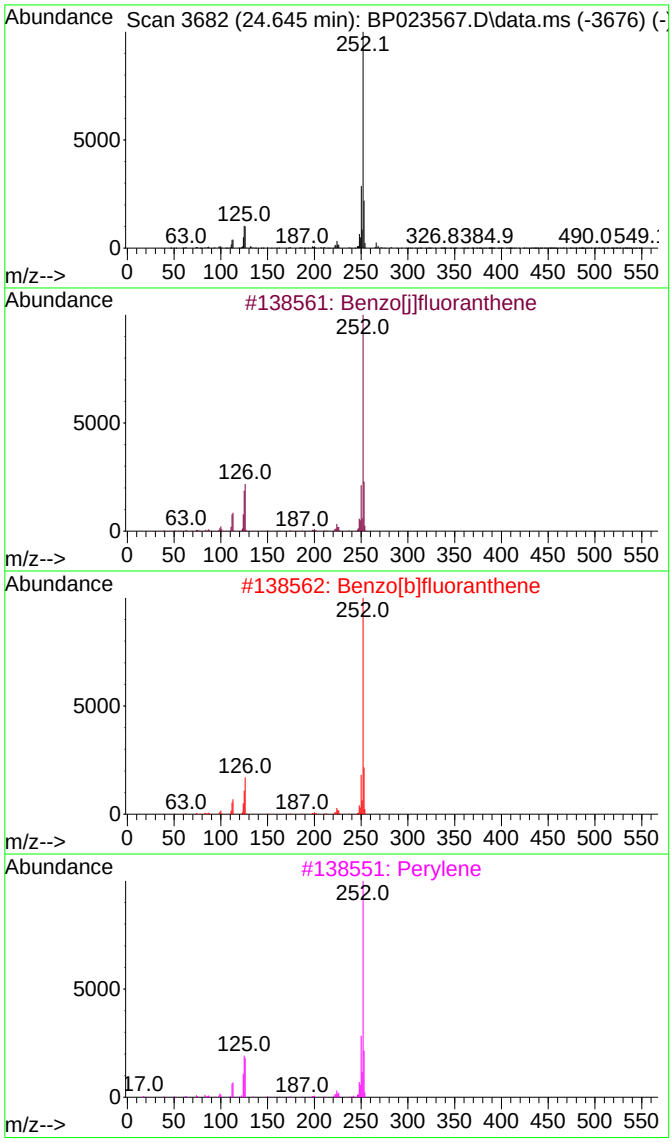
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

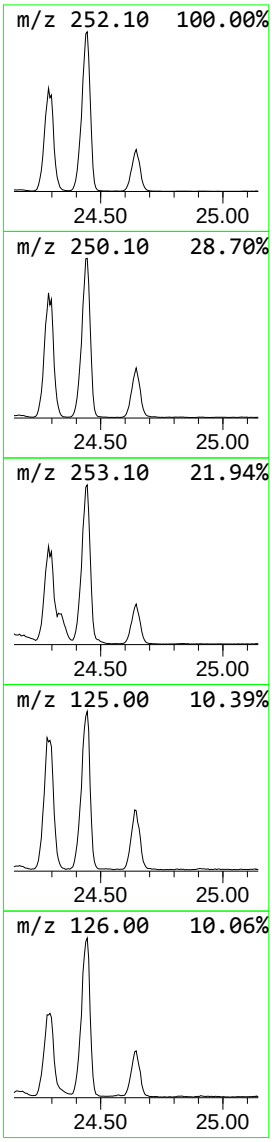
****

Peak Number 40 Benzo[j]fluoranthene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.645	29.58 ng/ul	2930130	Perylene-d12	24.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	97
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3	Perylene	252	C20H12	000198-55-0	96
4	Benzo[e]pyrene	252	C20H12	000192-97-2	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

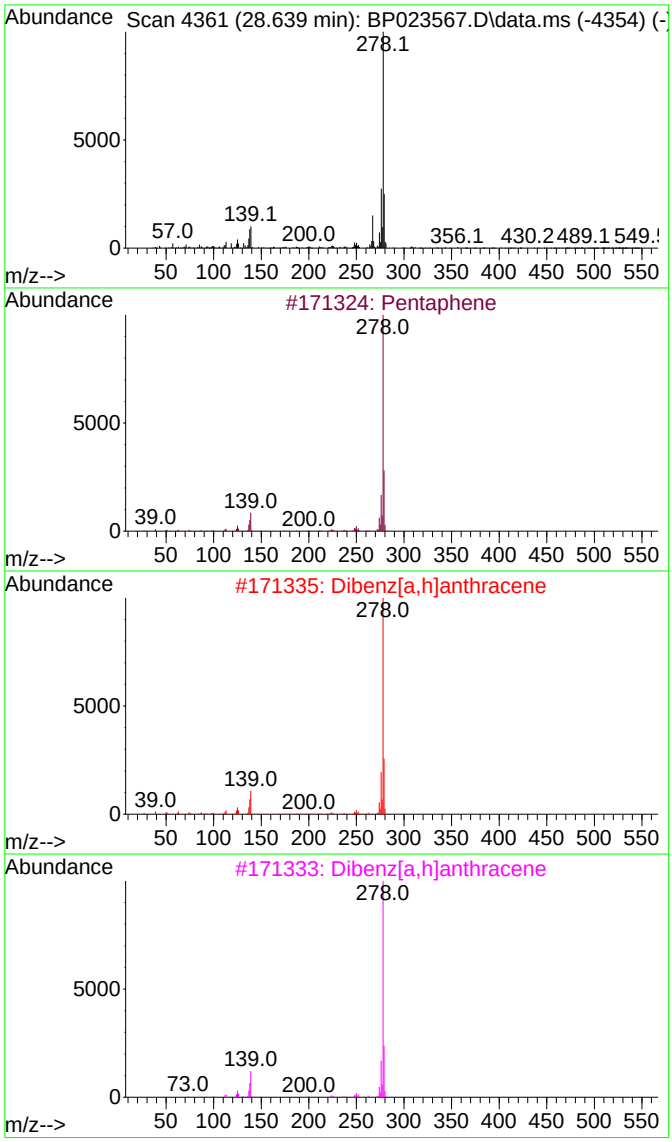
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

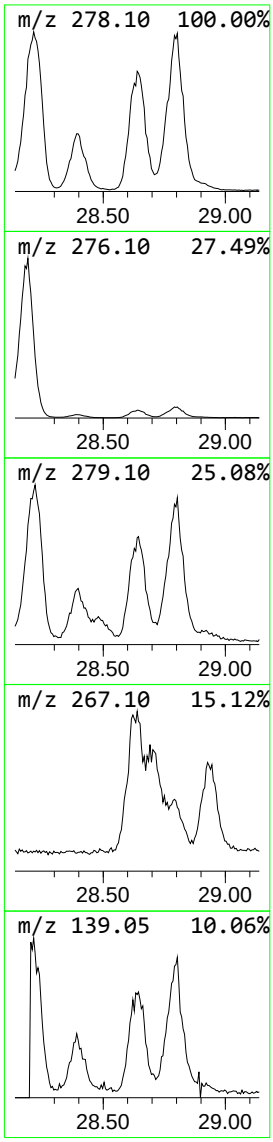
****

Peak Number 41 Pentaphene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.639	14.22 ng/ul	1407900	Perylene-d12	24.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaphene	278	C22H14	000222-93-5	98
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
4	Picene	278	C22H14	000213-46-7	97
5	Benzo[b]chrysene	278	C22H14	000214-17-5	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
Data File : BP023567.D
Acq On : 23 Dec 2024 17:43
Operator : RC/JU
Sample : P5333-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2913

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.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
3-Octanone	6.210	24.8	ng/ul	1058460	1	7.516	855103	20.0
Benzene, propyl-	6.510	15.7	ng/ul	671934	1	7.516	855103	20.0
Benzene, 1-ethy...	6.622	61.7	ng/ul	2639200	1	7.516	855103	20.0
Benzene, 1-ethy...	6.675	17.3	ng/ul	737990	1	7.516	855103	20.0
Benzene, 1-meth...	8.046	11.3	ng/ul	482096	1	7.516	855103	20.0
Benzene, 2-ethy...	8.134	25.5	ng/ul	1090560	1	7.516	855103	20.0
Benzene, 4-ethy...	8.593	16.0	ng/ul	685518	1	7.516	855103	20.0
[1,1'-Biphenyl]...	15.669	13.4	ng/ul	971276	4	16.963	1454110	20.0
9H-Fluorene, 2-...	16.251	8.1	ng/ul	590881	4	16.963	1454110	20.0
9H-Fluoren-9-one	16.622	34.6	ng/ul	2518310	4	16.963	1454110	20.0
Dibenzothiophene	16.775	25.9	ng/ul	1885880	4	16.963	1454110	20.0
Acridine	17.169	8.1	ng/ul	592097	4	16.963	1454110	20.0
Phenanthrene, 1...	17.857	30.1	ng/ul	2186690	4	16.963	1454110	20.0
Phenanthrene, 2...	17.910	48.1	ng/ul	3496880	4	16.963	1454110	20.0
Anthracene, 2-m...	17.992	10.2	ng/ul	743432	4	16.963	1454110	20.0
4H-Cyclopenta[d...	18.063	52.4	ng/ul	3810230	4	16.963	1454110	20.0
1a,9b-Dihydro-1...	18.104	16.4	ng/ul	1191620	4	16.963	1454110	20.0
Naphthalene, 2-...	18.392	22.8	ng/ul	1657990	4	16.963	1454110	20.0
9,10-Anthracene...	18.457	42.0	ng/ul	3055920	4	16.963	1454110	20.0
Phenanthrene, 4...	18.639	7.6	ng/ul	555723	4	16.963	1454110	20.0
Phenanthrene, 2...	18.827	12.4	ng/ul	900986	4	16.963	1454110	20.0
Cyclopenta(def)...	18.980	21.7	ng/ul	1576500	4	16.963	1454110	20.0
Pyrene, 1-methyl-	20.169	2.3	ng/ul	2773640	5	21.392	24087500	20.0
11H-Benzo[a]flu...	20.798	3.3	ng/ul	3925100	5	21.392	24087500	20.0
Benzo[b]naphtho...	20.968	3.3	ng/ul	4003870	5	21.392	24087500	20.0
7H-Benz[de]anth...	21.133	2.6	ng/ul	3167880	5	21.392	24087500	20.0
Benzo[e]pyrene	23.827	22.6	ng/ul	2235560	6	24.568	1980840	20.0
Perylene	24.286	93.2	ng/ul	9228230	6	24.568	1980840	20.0
Benzo[j]fluoran...	24.645	29.6	ng/ul	2930130	6	24.568	1980840	20.0
Pentaphene	28.639	14.2	ng/ul	1407900	6	24.568	1980840	20.0