LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011461.D
Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

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-BP081622.M
Title : SVOA CALIBRATION

Signal : TIC: BP011461.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	10.404	1255	1261	1268	rVV	9411875	15786472	12.96%	1.248%
2	10.504	1271	1278	1290	rVB2	564336	1375322	1.13%	0.109%
3	12.028	1529	1537	1544	rBV	2768764	4448453	3.65%	0.352%
4	12.245	1568	1574	1585	rVB	2134150	3436673	2.82%	0.272%
5	13.057	1706	1712	1719	rBV	1223062	1729838	1.42%	0.137%
6	13.387	1760	1768	1770	rBV	862304	1447431	1.19%	0.114%
7	13.545	1788	1795	1800	rBV	1432529	2527524	2.08%	0.200%
8	13.604	1800	1805	1809	rVB	993717	1308793	1.07%	0.103%
9	13.657	1809	1814	1817	rBV	962564	1342965	1.10%	0.106%
10	13.957	1860	1865	1878	rVB	5409854	8476643	6.96%	0.670%
11	14.228	1903	1911	1917	rVV3	1033146	2175527	1.79%	0.172%
12	14.639	1970	1981	1989	rVV	6465232	9246039	7.59%	0.731%
13	15.233	2077	2082	2087	rVV2	1571274	2445536	2.01%	0.193%
14	15.298	2087	2093	2104	rVB	4501842	7044284	5.78%	0.557%
15	15.592	2137	2143	2154	rVB	2149840	3060984	2.51%	0.242%
16	15.739	2159	2168	2177	rVB	2269962	4637152	3.81%	0.367%
17	15.980	2203	2209	2222	rBV3	1025118	1793174	1.47%	0.142%
18	16.310	2255	2265	2270	rBV3	911696	2093709	1.72%	0.165%
19	16.539	2299	2304	2308	rBV2	1150506	1704141	1.40%	0.135%
20	16.580	2308	2311	2314	rVV	912345	1224125	1.01%	0.097%
21	16.675	2321	2327	2332	rVB	3352208	5072722	4.17%	0.401%
22	16.739	2332	2338	2343	rBV	1153319	1954285	1.60%	0.154%
23	16.828	2348	2353	2358	rVB	2583365	3564959	2.93%	0.282%
24	17.016	2376	2385	2386	rBV	764481	1232097	1.01%	0.097%
25	17.086	2386	2397	2400	rVV2	36413932	79156849	65.00%	6.257%
26	17.122	2400	2403	2405	rVV2	2230306	2991435	2.46%	0.236%
27	17.157	2405	2409	2413	rVV	11487941	15427002	12.67%	1.219%
28	17.204	2413	2417	2423	rVV2	1061805	2027084	1.66%	0.160%
29	17.427	2451	2455	2469	rVV	3895832	6837410	5.61%	0.540%
30	17.539	2469	2474	2480	rVV3	1605401	2481904	2.04%	0.196%
31	17.604	2480	2485	2492	rVB5	771429	1546866	1.27%	0.122%
32	17.892	2528	2534	2538	rVV	4945793	7100674	5.83%	0.561%
33	17.945	2538	2543	2548	rVB	7520924	10344737	8.49%	0.818%
34	18.022	2548	2556	2560	rBV	2083753	3029754	2.49%	0.239%
35	18.086	2560	2567	2570	rVV3	7666371	12559756	10.31%	0.993%
36	18.116	2570	2572	2580	rVB	3384084	4269290	3.51%	0.337%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011461.D
Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

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-BP081622.M
Title : SVOA CALIBRATION

37	18.198	2580	2586	2590	rBV4	636821	1274002	1.05%	0.101%
38	18.386	2613	2618	2622	rVV	5042059	6491782	5.33%	0.513%
39	18.445	2622	2628	2634	rVV2	4949665	7732264	6.35%	0.611%
40	18.616	2653	2657	2663	rBV2	842259	1397821	1.15%	0.110%
41	18.669	2663	2666	2670	rVB	1159470	1389153	1.14%	0.110%
42	18.710	2670	2673	2678	rVB	959201	1237548	1.02%	0.098%
43	18.792	2681	2687	2692	rBV	2128004	3978239	3.27%	0.314%
44	18.851	2692	2697	2701	rBV2	1164158	2285303	1.88%	0.181%
45	18.963	2707	2716	2724	rVB	4068596	7636146	6.27%	0.604%
46	19.098	2725	2739	2742	rBV3	39925531	116491208	95.66%	9.208%
47	19.163	2746	2750	2754	rVV4	1849924	3031213	2.49%	0.240%
48	19.210	2754	2758	2762	rVB	4698718	6176577	5.07%	0.488%
49	19.292	2763	2772	2776	rBV2	4203740	7157880	5.88%	0.566%
50	19.451	2784	2799	2802	rBV3	39039843	117448727	96.44%	9.284%
51	19.480	2802	2804	2811	rVB2	4211848	5146691	4.23%	0.407%
52	19.592	2811	2823	2828	rBV	5279887	8443084	6.93%	0.667%
53	19.657	2828	2834	2839	rVB	3272341	5037116	4.14%	0.398%
54	19.739	2839	2848	2853	rBV4	4683043	12161090	9.99%	0.961%
55	19.786	2853	2856	2859	rBV	1115612	1226573	1.01%	0.097%
56	19.863	2863	2869	2872	rBV6	3936557	7691396	6.32%	0.608%
57	19.898	2872	2875	2880	rVB	6953272	9422864	7.74%	0.745%
58	19.998	2887	2892	2895	rBV	5940037	7065874	5.80%	0.559%
59	20.057	2895	2902	2906	rVB2	5982819	10371527	8.52%	0.820%
60	20.127	2911	2914	2919	rVB	1066982	1371466	1.13%	0.108%
61	20.192	2920	2925	2928	rBV	3100823	4013343	3.30%	0.317%
62	20.233	2928	2932	2936	rVB3	3143883	3830551	3.15%	0.303%
63	20.321	2943	2947	2955	rVB5	832983	1530595	1.26%	0.121%
64	20.598	2990	2994	2997	rVV2	974222	1758534	1.44%	0.139%
65	20.639	2997	3001	3009	rVB	6090862	8321684	6.83%	0.658%
66	20.798	3023	3028	3031	rBV	5266863	6866782	5.64%	0.543%
67	20.839	3031	3035	3038	rVV	6723520	8608422	7.07%	0.680%
68	20.880	3038	3042	3049	rVV3	8215875	13652874	11.21%	1.079%
69	20.945	3049	3053	3060	rVB	5069265	6989379	5.74%	0.552%
70	21.033	3061	3068	3078	rBV	1518093	4366822	3.59%	0.345%
71	21.163	3078	3090	3094	rBV3	35623346	89462667	73.46%	7.072%
72	21.216	3094	3099	3106	rVB3	35055448	62925297	51.67%	4.974%
73	21.310	3112	3115	3120	rBV3	1336493	2235226	1.84%	0.177%
74	21.363	3120	3124	3128	rBV	5104348	6993116	5.74%	0.553%
75	21.468	3137	3142	3147	rBV2	5083175	8535575	7.01%	0.675%
76	21.515	3147	3150	3154	rVB3	1553932	1917285	1.57%	0.152%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011461.D
Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

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-BP081622.M
Title : SVOA CALIBRATION

77	21.651	3169	3173	3176	rBV2	2138362	3226048	2.65%	0.255%
78	21.710	3176	3183	3187	rVV	6888378	11007232	9.04%	0.870%
79	21.763	3187	3192	3198	rVB2	2813218	4700440	3.86%	0.372%
80	21.827	3199	3203	3206	rBV2	1522140	2071683	1.70%	0.164%
81	21.910	3212	3217	3220	rBV2	2478565	3876284	3.18%	0.306%
82	22.010	3230	3234	3238	rVB2	1595173	2309469	1.90%	0.183%
83	22.221	3264	3270	3282	rBV3	2388829	6353359	5.22%	0.502%
84	22.515	3312	3320	3327	rBV2	3134412	7433291	6.10%	0.588%
85	22.680	3343	3348	3355	rBV2	1453748	3314553	2.72%	0.262%
86	22.827	3356	3373	3377	rBV4	31269062	121779306	100.00%	9.626%
87	22.892	3382	3384	3389	rVB2	2478117	3243021	2.66%	0.256%
88	22.962	3390	3396	3401	rBV	5333052	8589343	7.05%	0.679%
89	23.104	3412	3420	3427	rBV3	1698635	5579007	4.58%	0.441%
90	23.304	3442	3454	3463	rBV	14754923	48339112	39.69%	3.821%
91	23.427	3463	3475	3480	rVB2	23136277	63669936	52.28%	5.033%
92	23.557	3488	3497	3505	rVB2	11625093	24826335	20.39%	1.962%
93	23.886	3549	3553	3559	rBV	692985	1365648	1.12%	0.108%
94	24.039	3575	3579	3588	rVB4	1008246	2165120	1.78%	0.171%
95	25.127	3757	3764	3774	rBV3	959218	3386148	2.78%	0.268%
96	25.956	3881	3905	3911	rBV2	11367888	59542317	48.89%	4.707%
97	26.009	3911	3914	3929	rVB	1751911	3731979	3.06%	0.295%
98	26.174	3931	3942	3949	rBV	2754914	9079496	7.46%	0.718%
99	26.274	3951	3959	3968	rBV3	1814148	5628300	4.62%	0.445%
100	26.703	4010	4032	4041	rVB	8134821	39304954	32.28%	3.107%

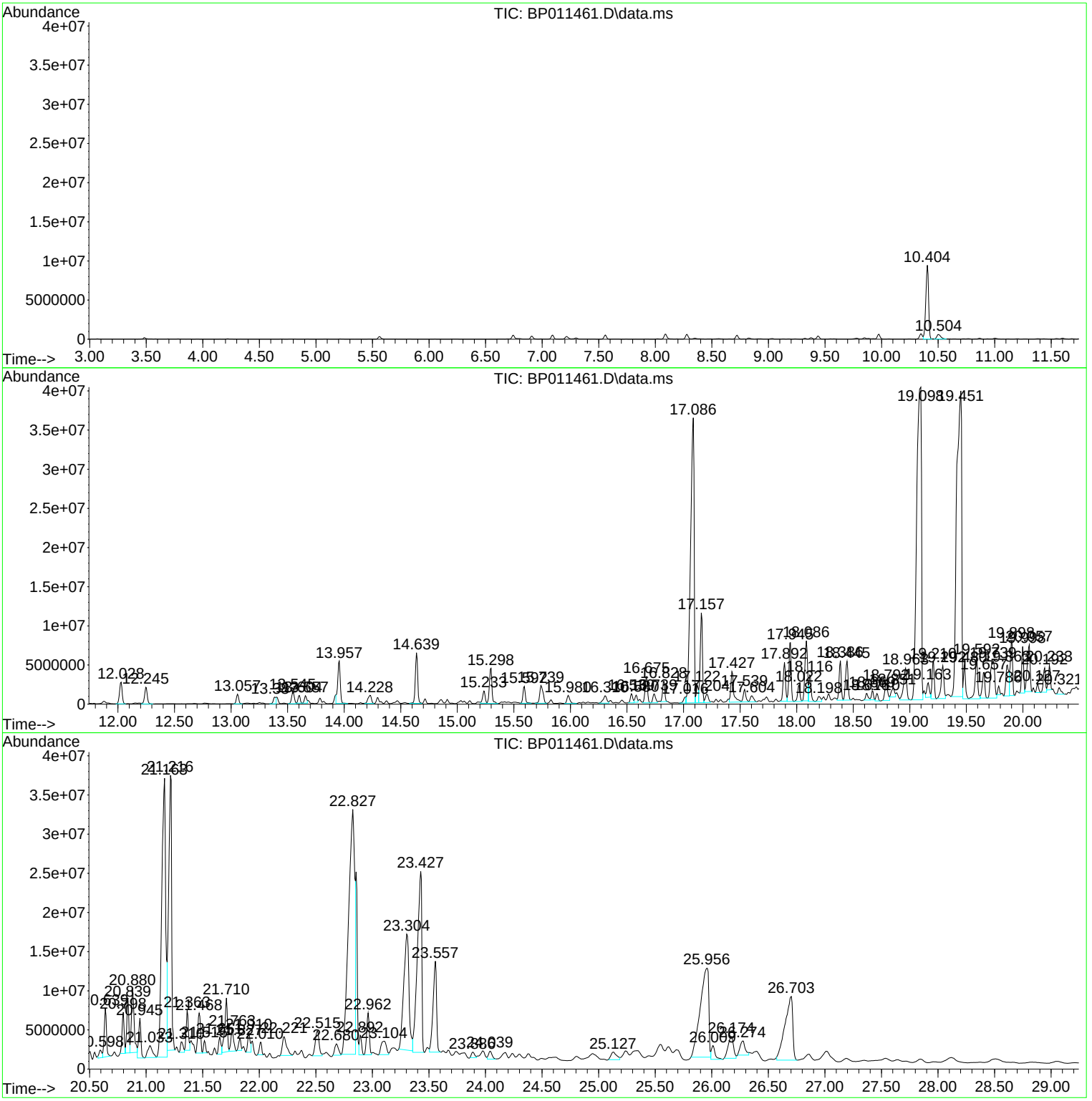
Sum of corrected areas: 1265097686

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011461.D
Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011461.D
Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

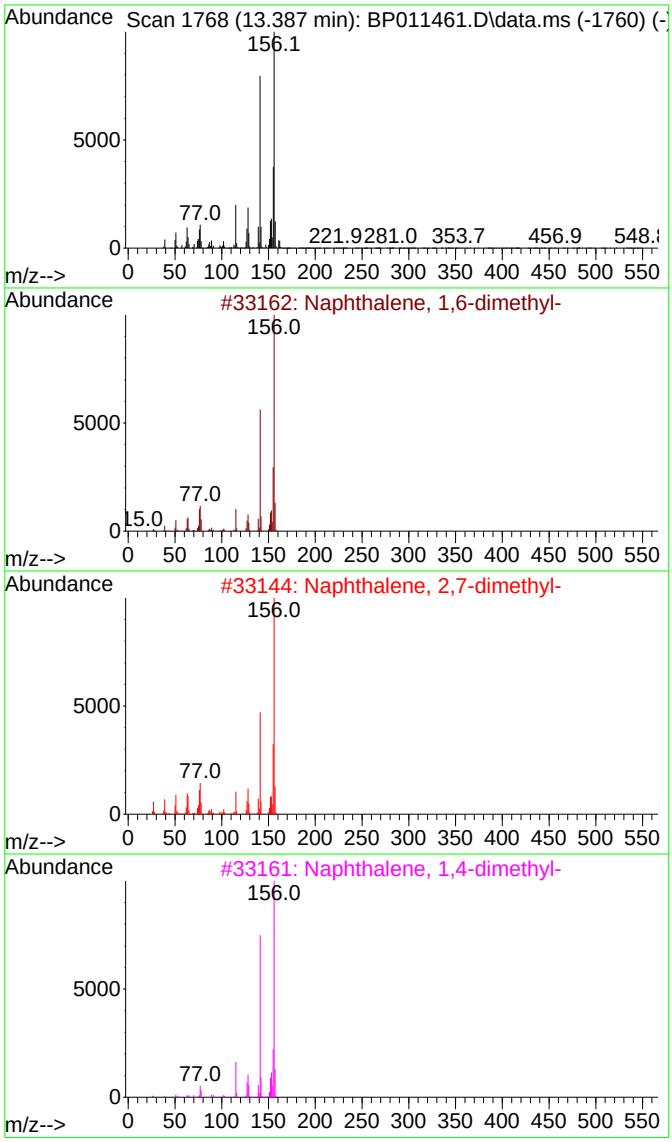
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

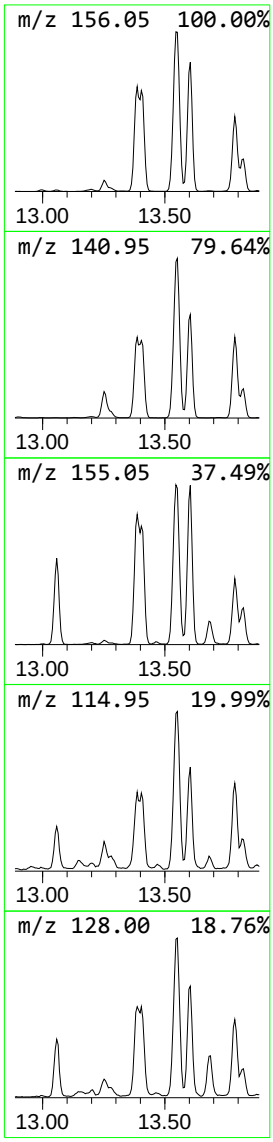
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 1,6-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.387	13.31 ng/ul	1447430	Acenaphthene-d10	14.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011461.D
Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

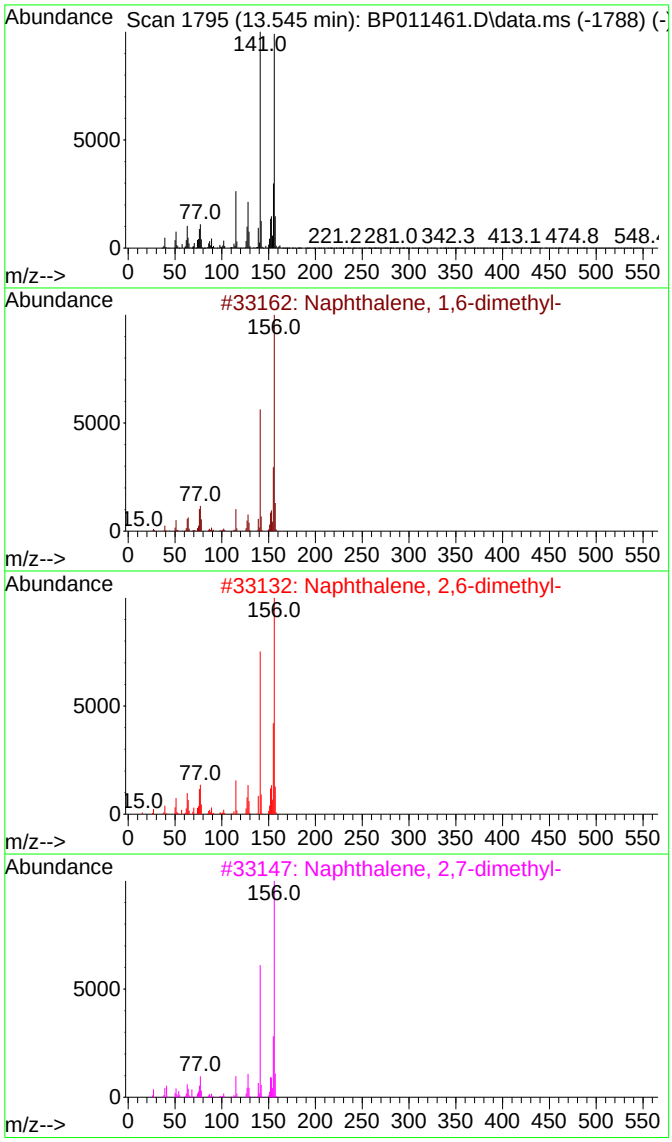
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

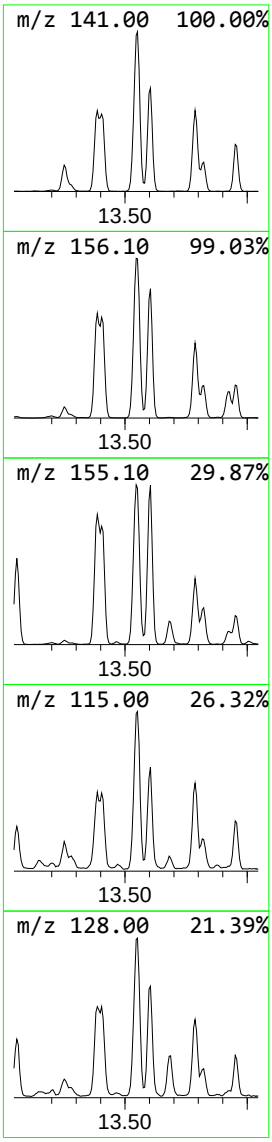
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.545	23.24 ng/ul	2527520	Acenaphthene-d10	14.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011461.D
Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

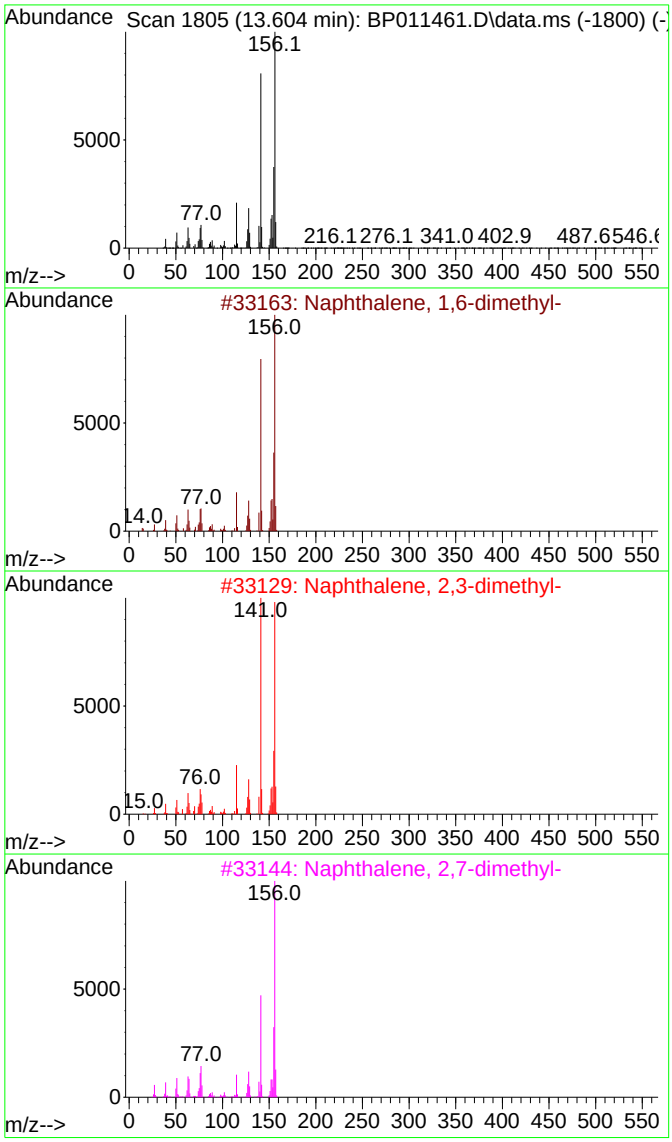
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

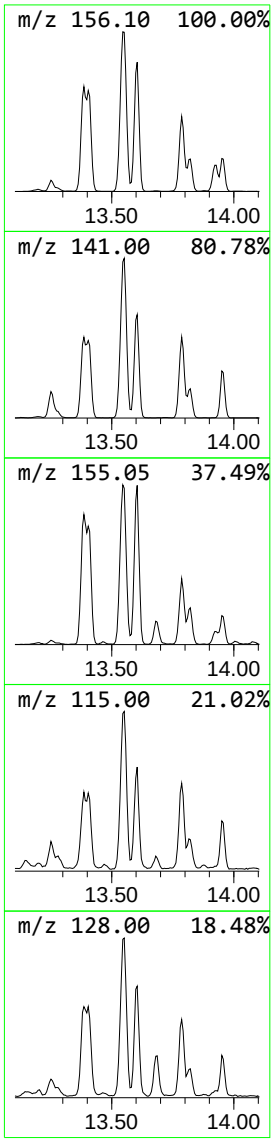
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.604	12.03 ng/ul	1308790	Acenaphthene-d10	14.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011461.D
Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

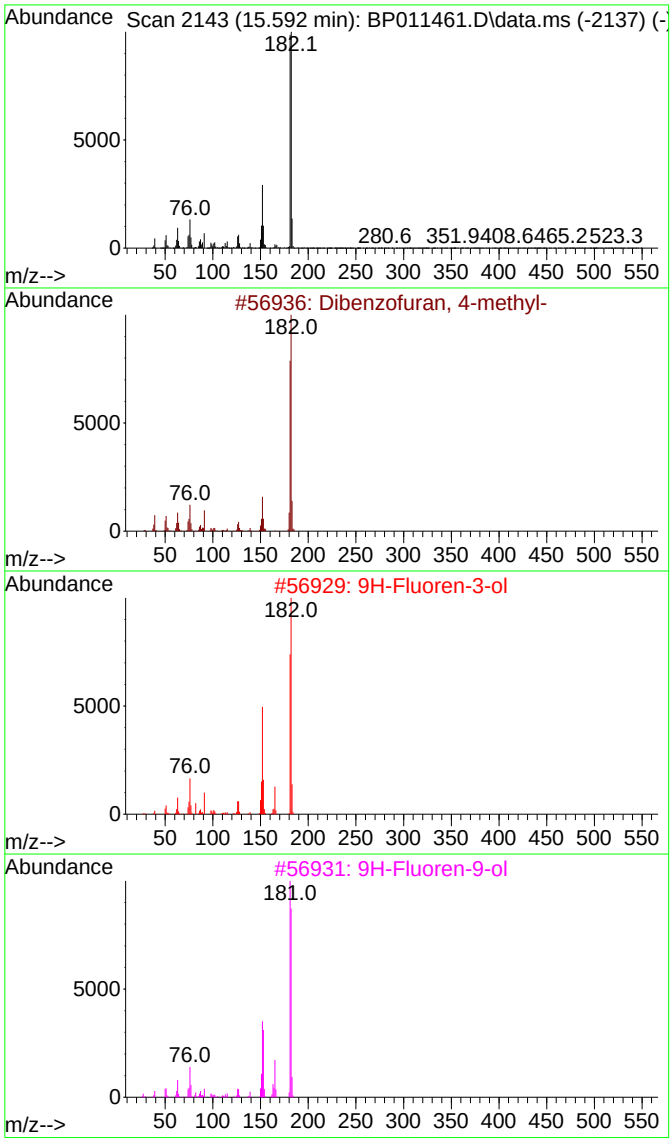
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

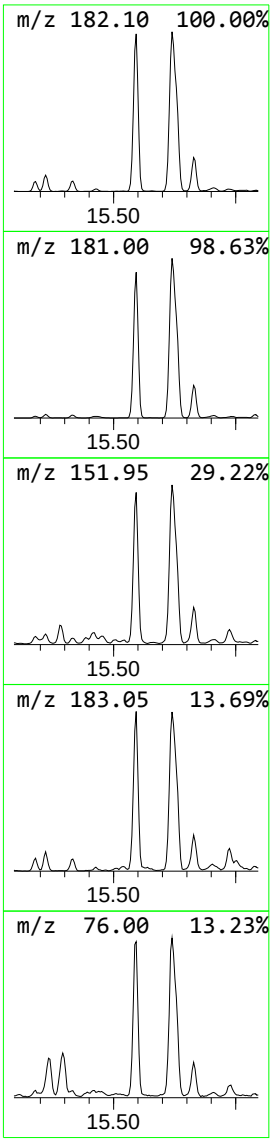
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.592	28.14 ng/ul	3060980	Acenaphthene-d10	14.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	91
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011461.D
Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

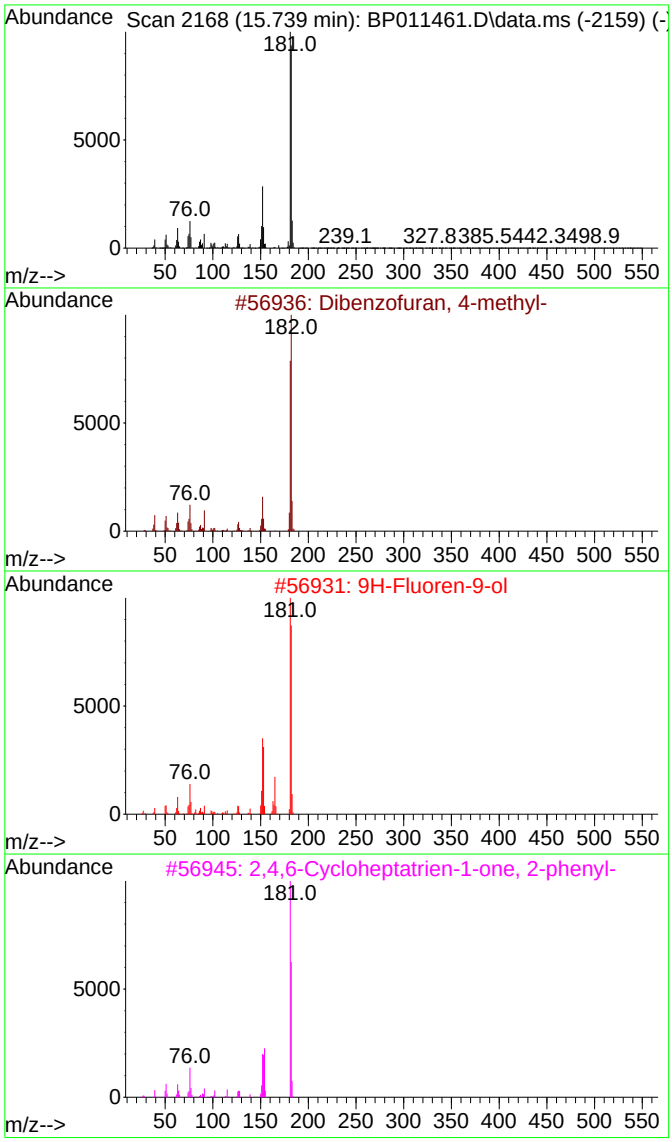
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

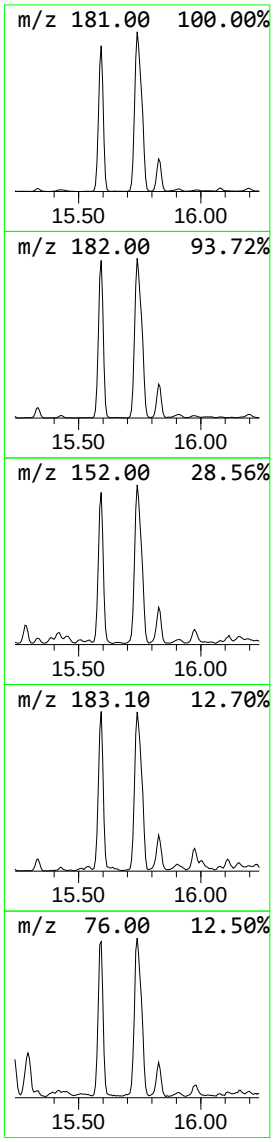
****

Peak Number 5 9H-Fluoren-9-ol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.739	75.27 ng/ul	4637150	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	91
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78





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Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

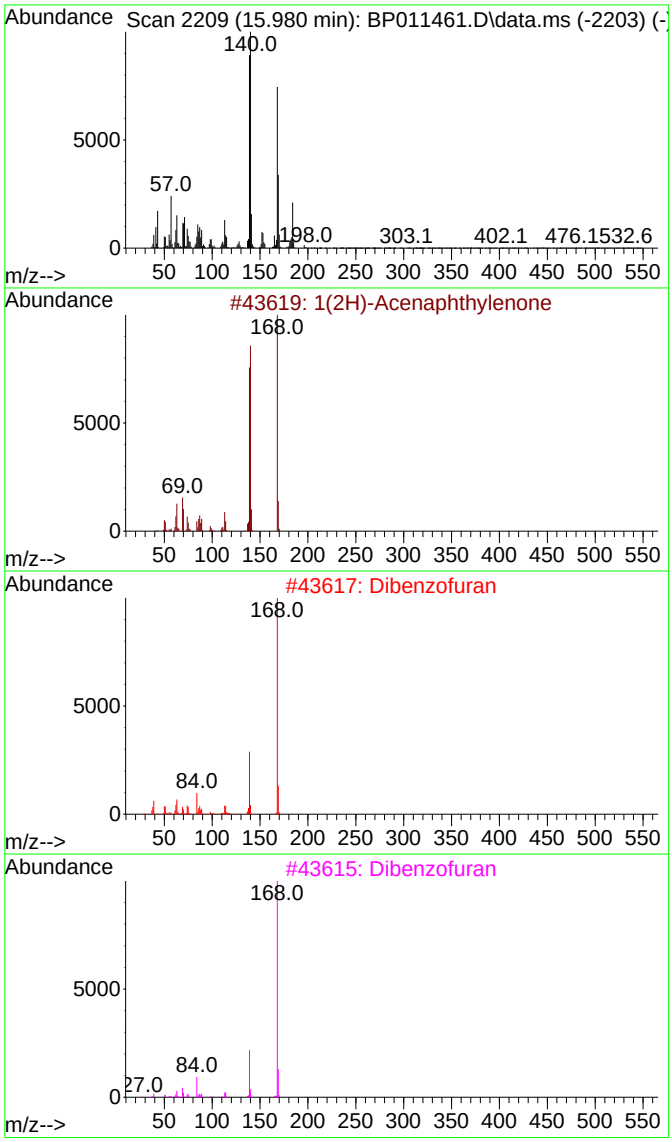
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

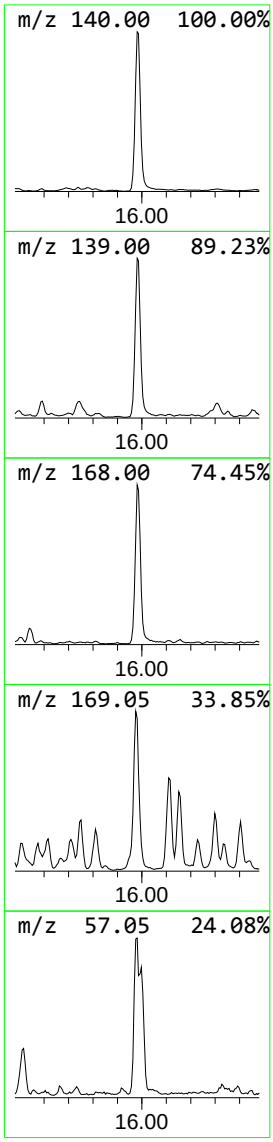
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1(2H)-Acenaphthylenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.980	29.11 ng/ul	1793170	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	87
2	Dibenzofuran	168	C12H8O	000132-64-9	49
3	Dibenzofuran	168	C12H8O	000132-64-9	47
4	5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	47
5	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	46





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Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

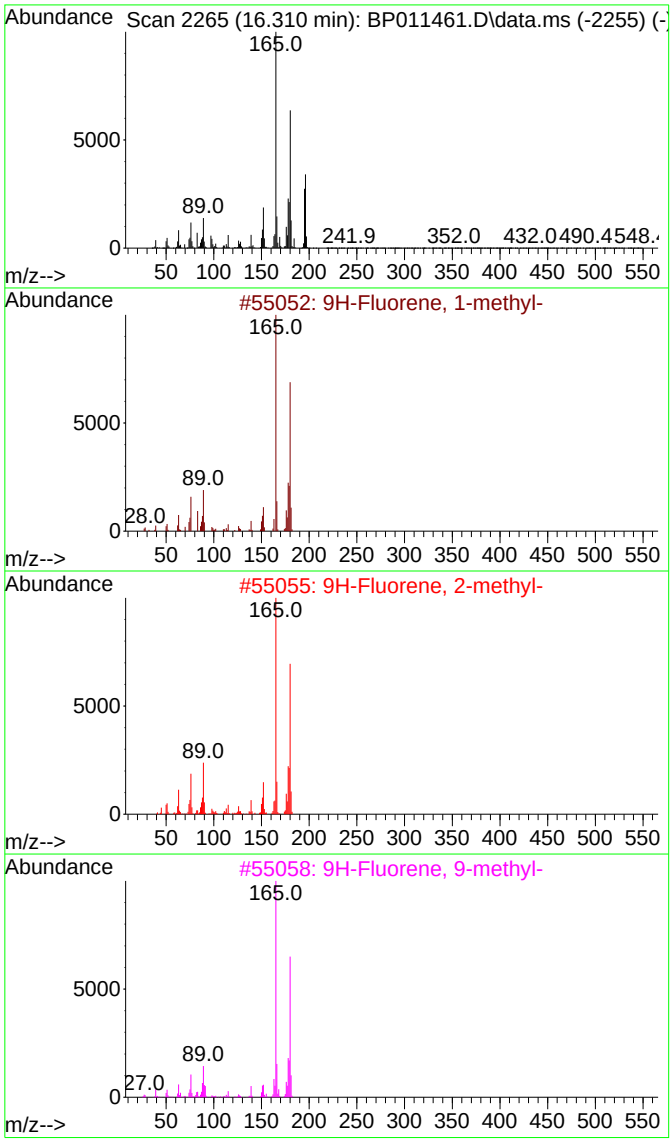
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

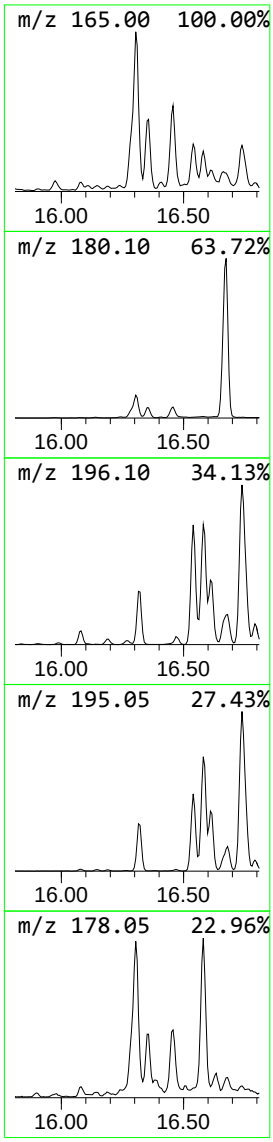
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 9H-Fluorene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.310	33.99 ng/ul	2093710	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	83





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Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

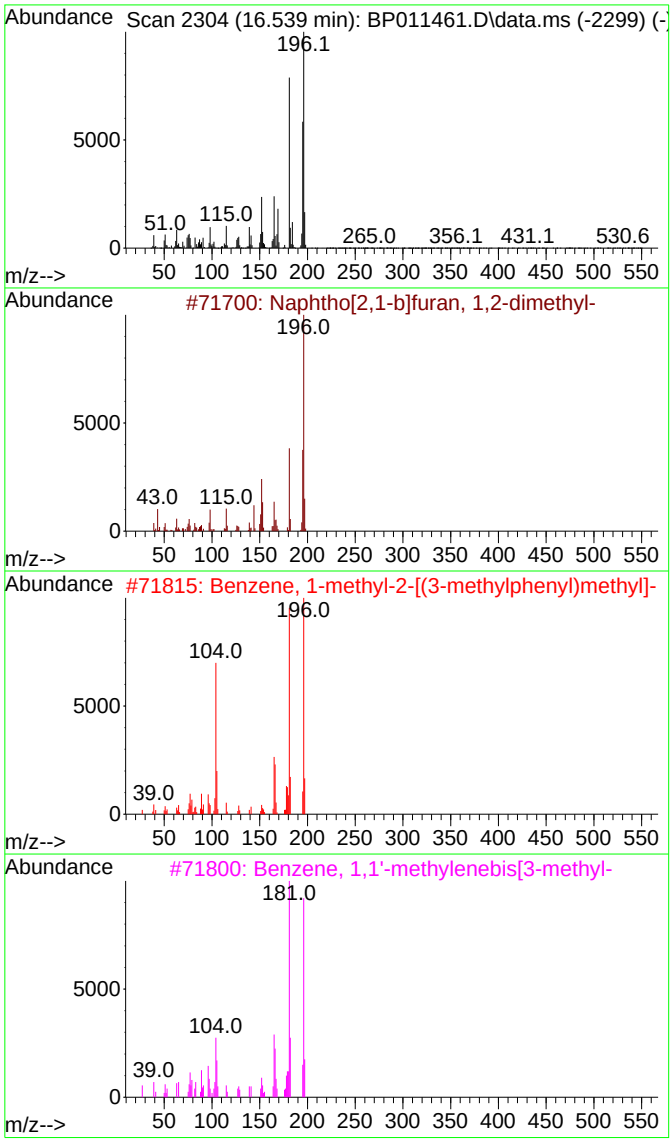
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

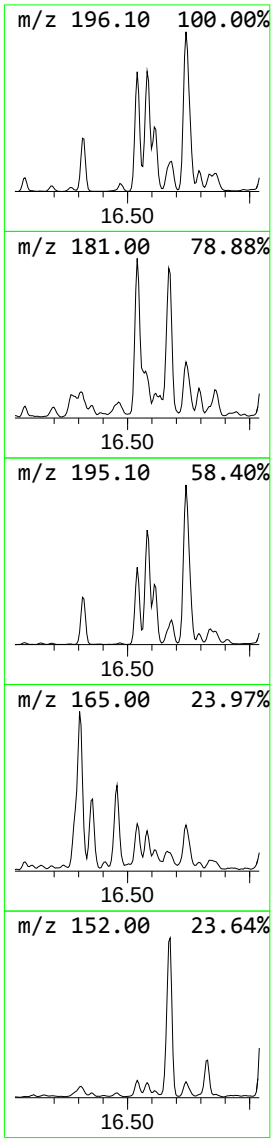
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.539	27.66 ng/ul	1704140	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	60
2	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	58
3	Benzene, 1,1'-methylenebis[3-met...	196	C15H16	021895-14-7	58
4	phenol, 2-[(ethylamino)methyl]-4...	196	C9H12N2O3	1000400-09-7	52
5	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	49





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Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

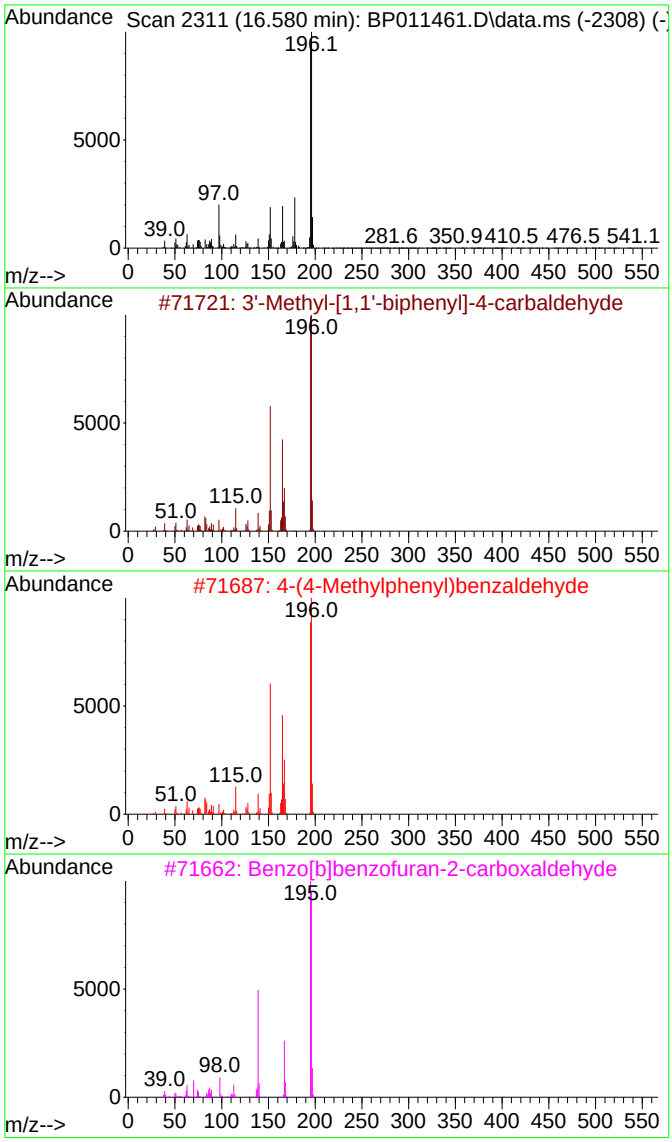
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

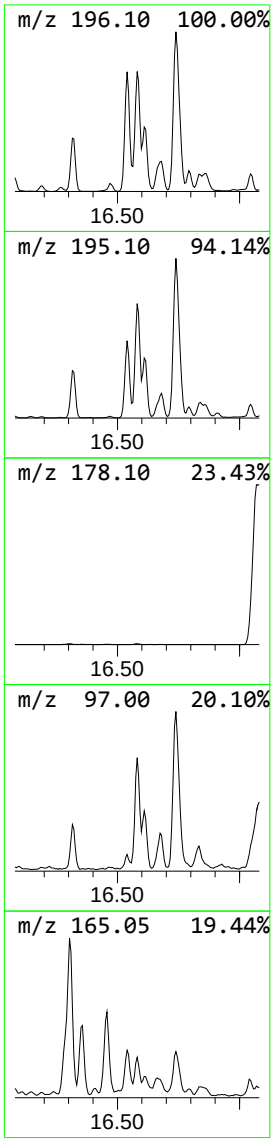
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.580	19.87 ng/ul	1224130	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	87
2	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	81
3	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	64
4	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	47
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	43





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Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

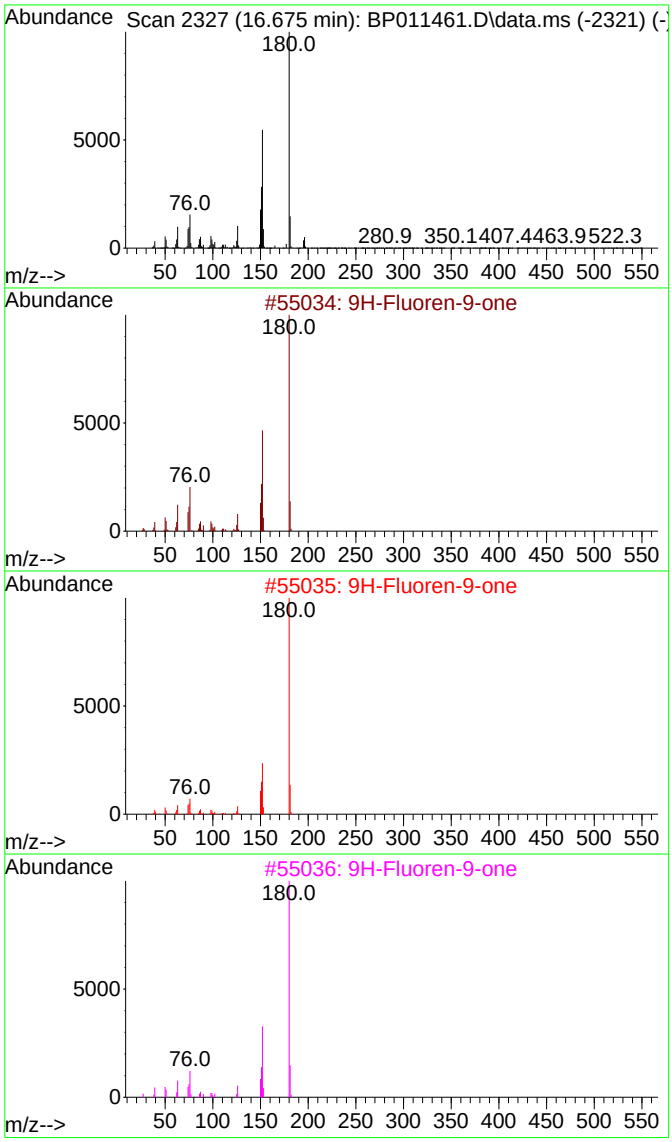
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

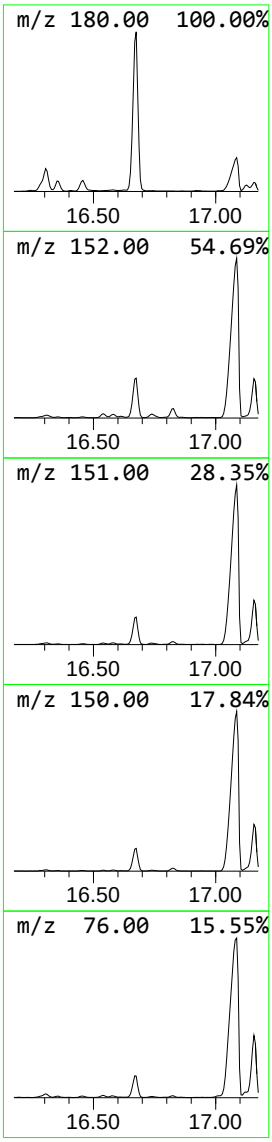
****

Peak Number 10 9H-Fluoren-9-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.675	82.34 ng/ul	5072720	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91





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Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

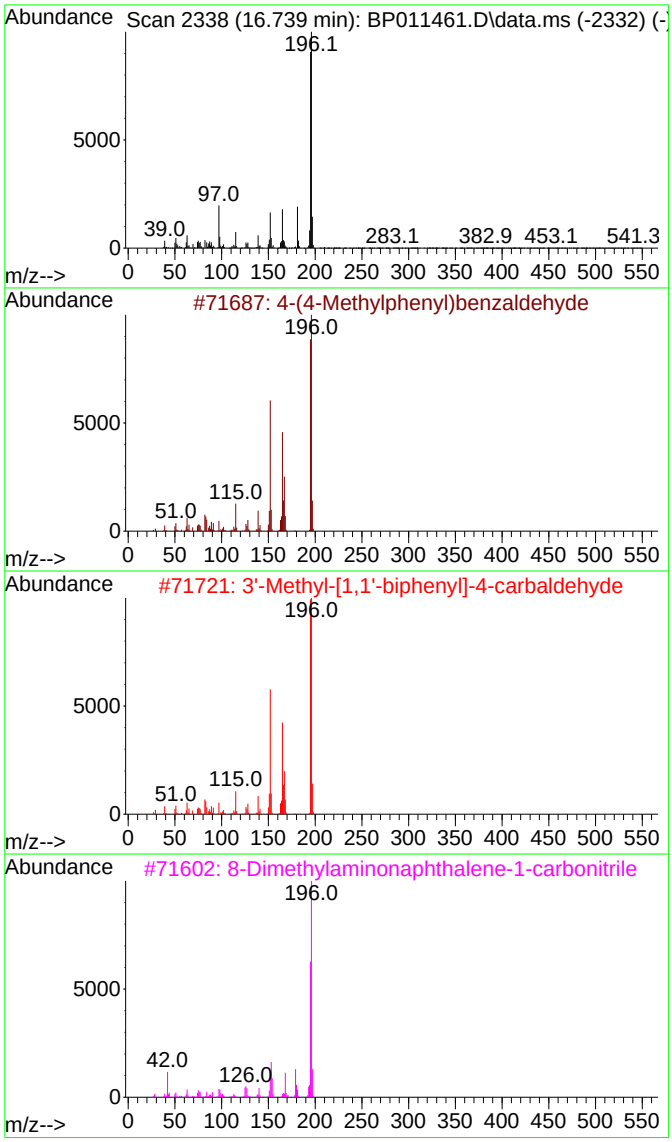
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

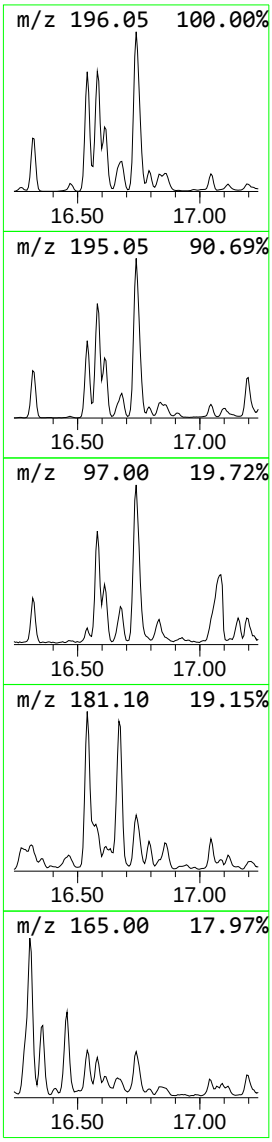
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4-(4-Methylphenyl)benzaldehyde Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.739	31.72 ng/ul	1954290	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	90
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	81
3	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	72
4	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	60
5	3-{Pyrazolo[1,5-a]pyrimidin-7-yl...	196	C11H8N4	078561-97-4	53





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Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

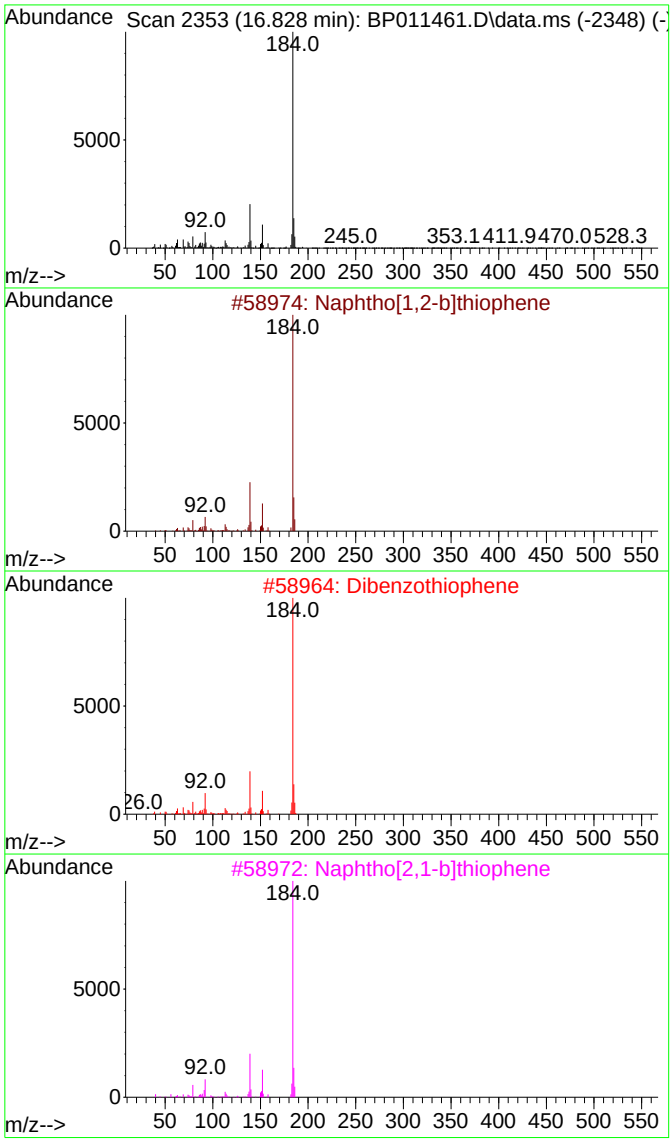
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

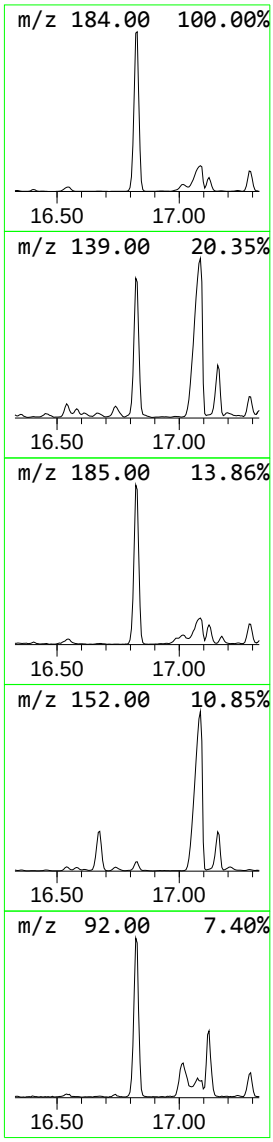
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphtho[1,2-b]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.828	57.87 ng/ul	3564960	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
4	Dibenzothiophene	184	C12H8S	000132-65-0	97
5	Dibenzothiophene	184	C12H8S	000132-65-0	96





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Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

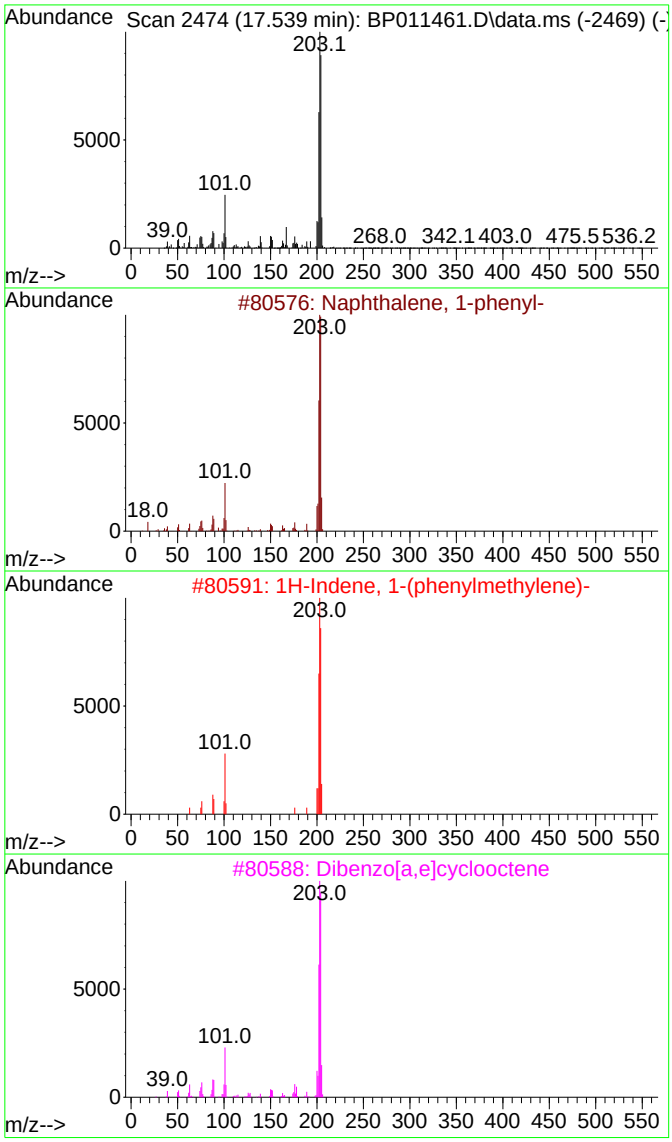
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

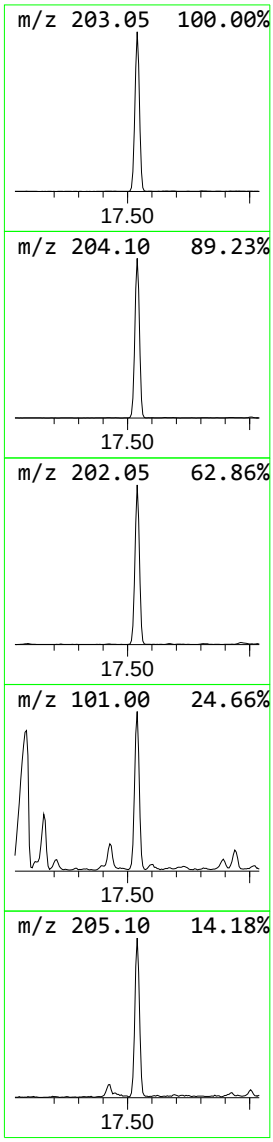
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.539	40.29 ng/ul	2481900	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	97
2	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	95
3	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	93
4	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	93
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	93





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Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

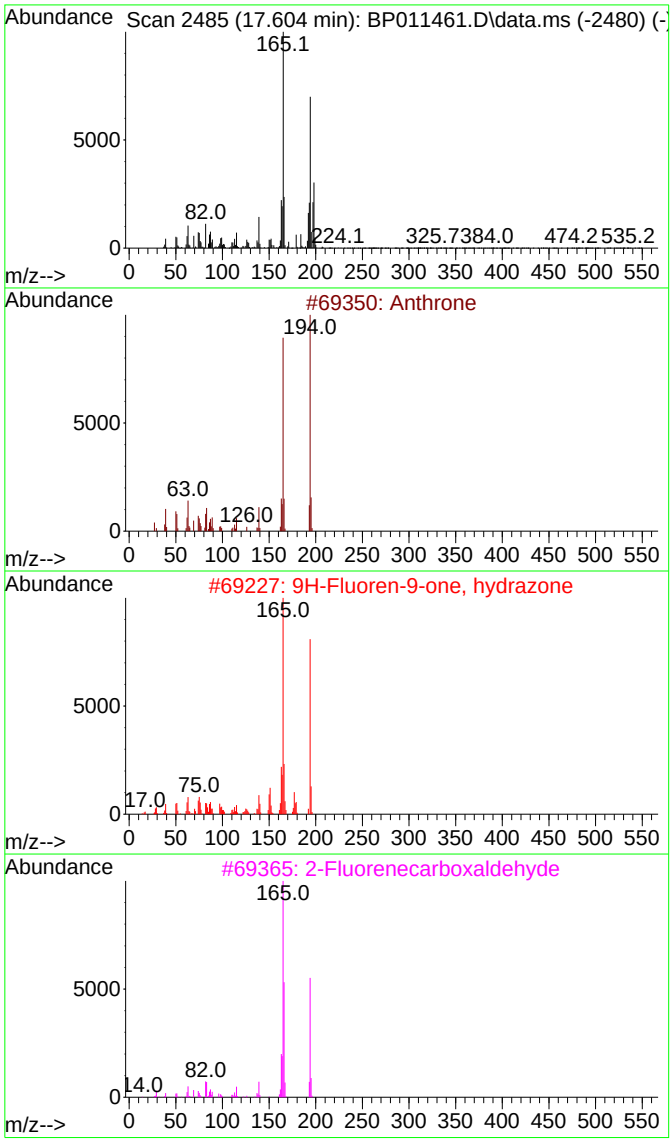
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

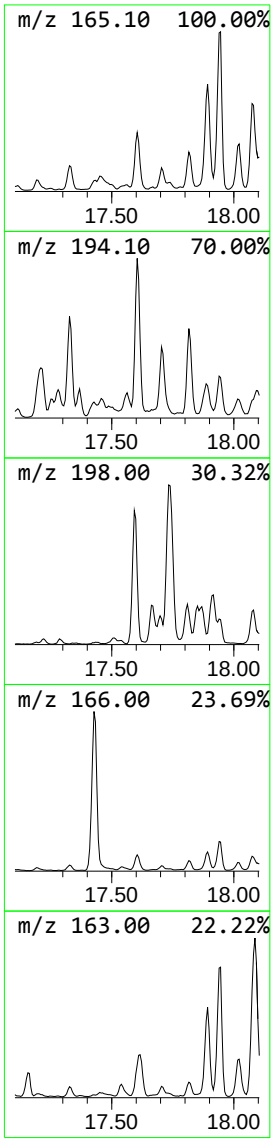
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Anthrone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.604	25.11 ng/ul	1546870	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	70
2	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	70
3	2-Fluorenecarboxaldehyde	194	C14H10O	030084-90-3	64
4	9-anthracenol	194	C14H10O	1000400-30-3	58
5	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	53





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Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

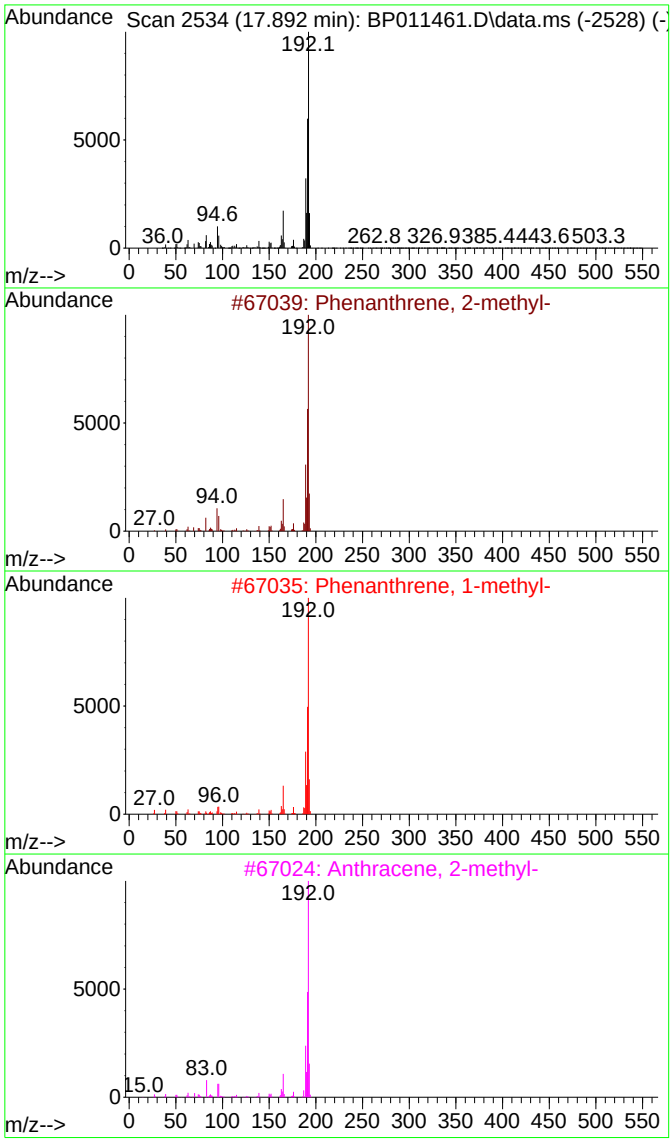
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

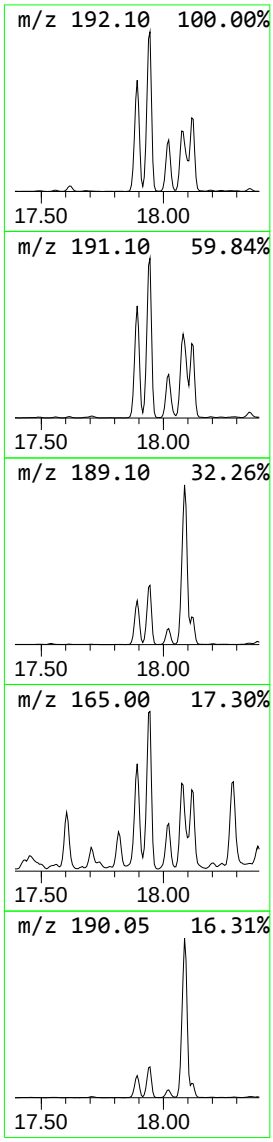
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.892	115.26 ng/ul	7100670	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





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Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

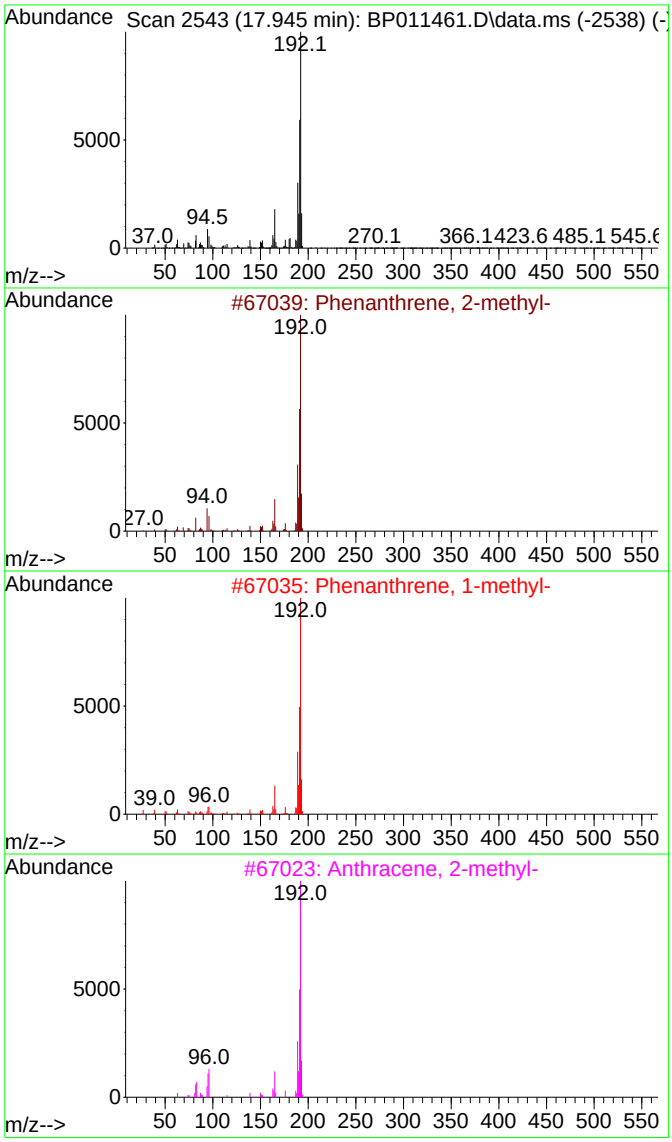
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

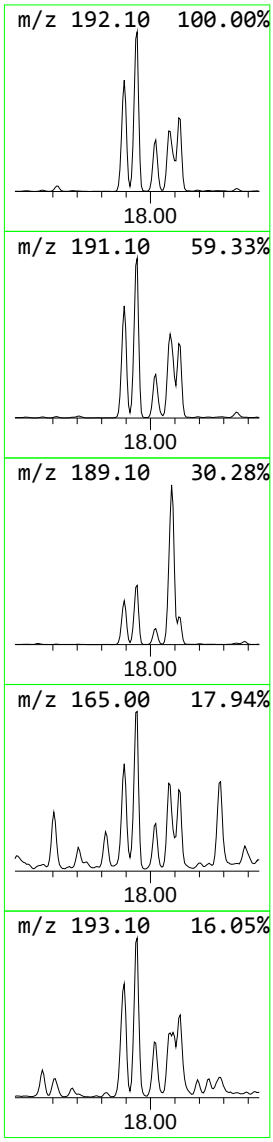
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.945	167.92 ng/ul	10344700	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Data File : BP011461.D
Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

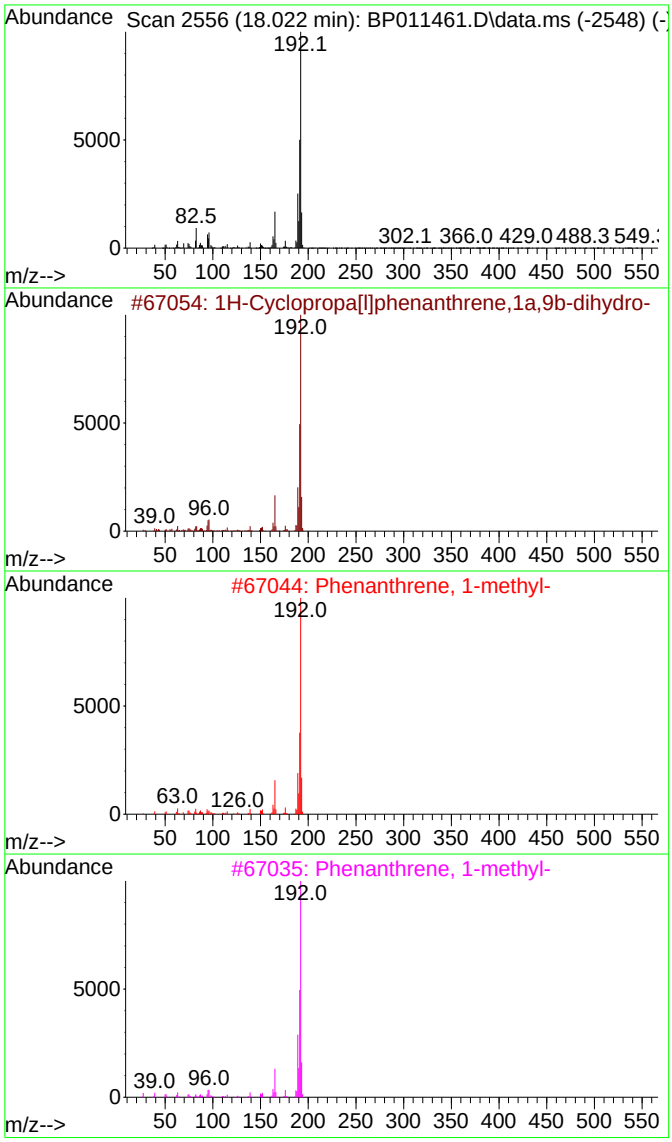
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

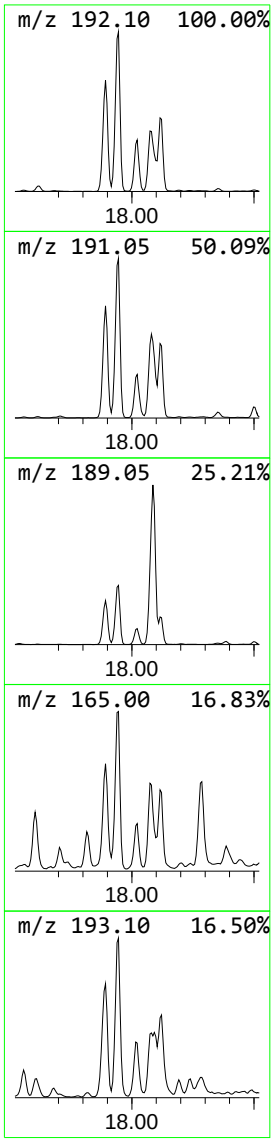
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.022	49.18 ng/ul	3029750	Phenanthrene-d10	17.016

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





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Data File : BP011461.D
Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

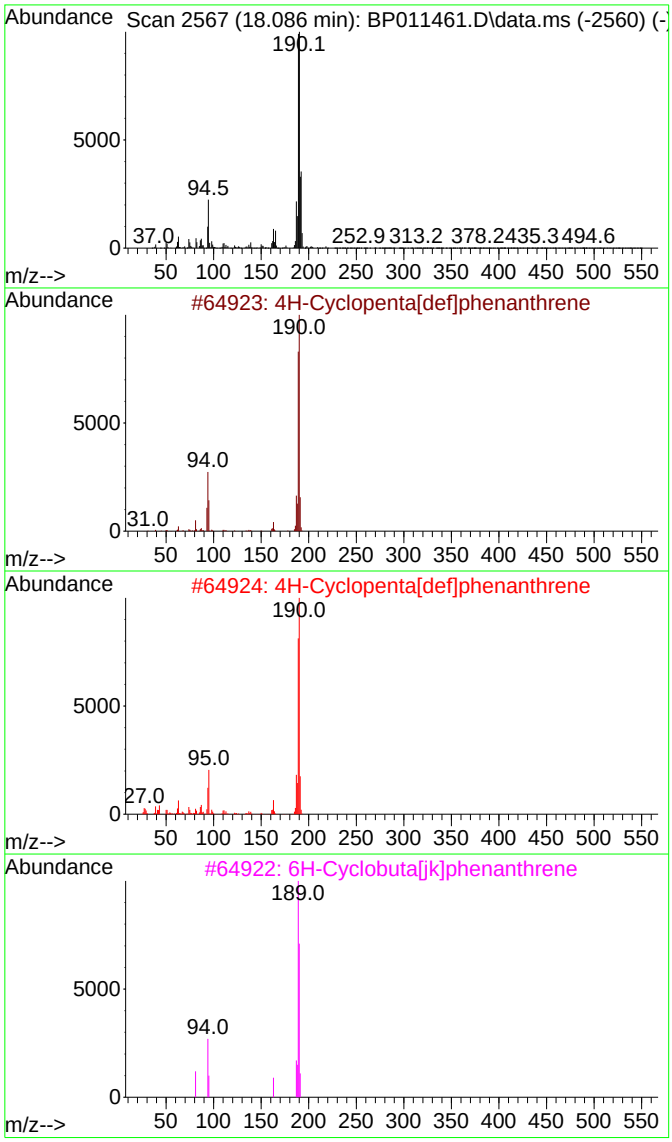
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

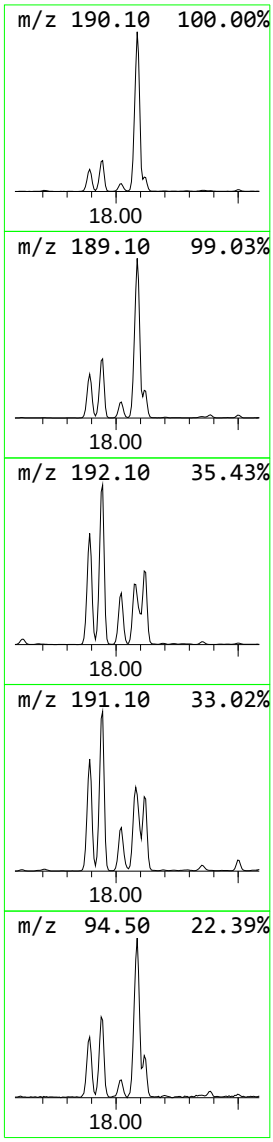
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	203.88 ng/ul	12559800	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
5	Methyl diselenide	190	C2H6Se2	007101-31-7	55





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Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

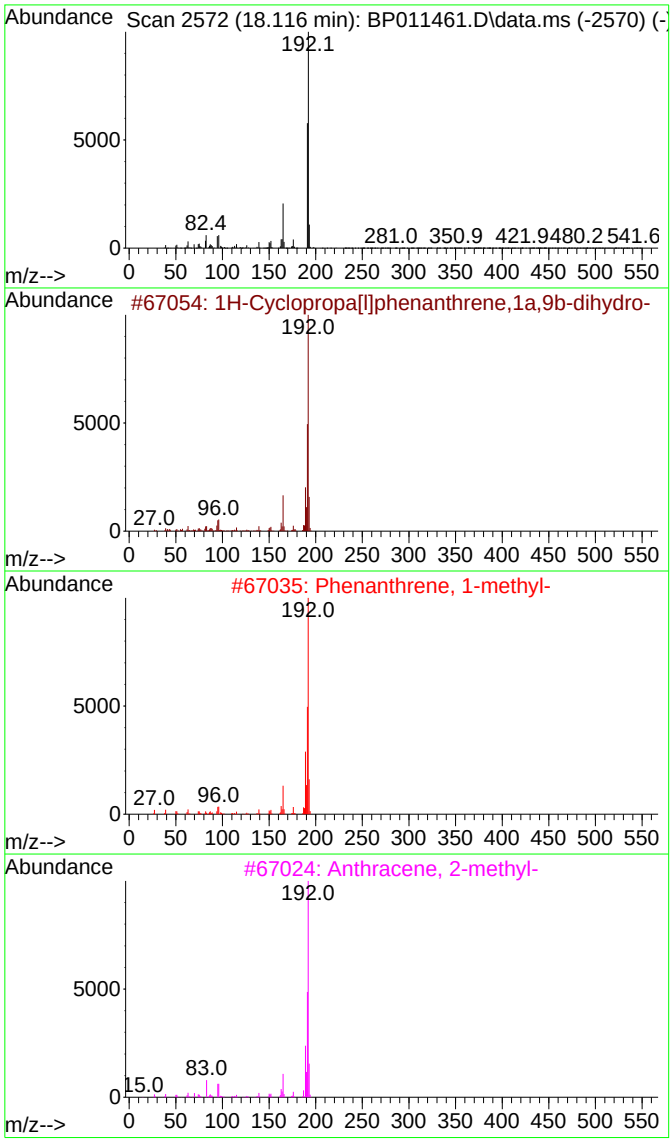
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

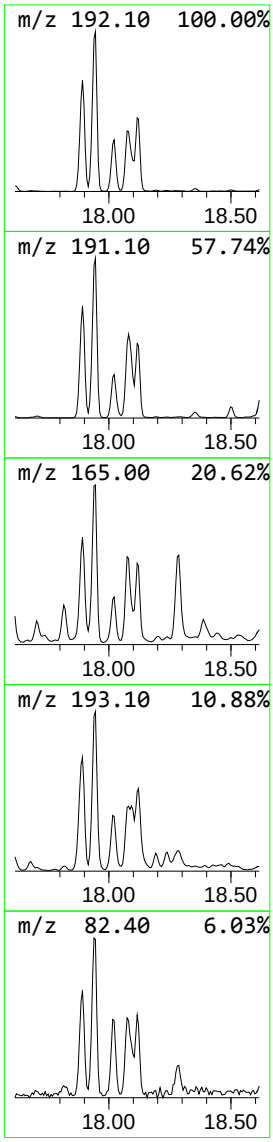
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Phenanthrene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.116	69.30 ng/ul	4269290	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	74
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	74
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	74





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Data File : BP011461.D
Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

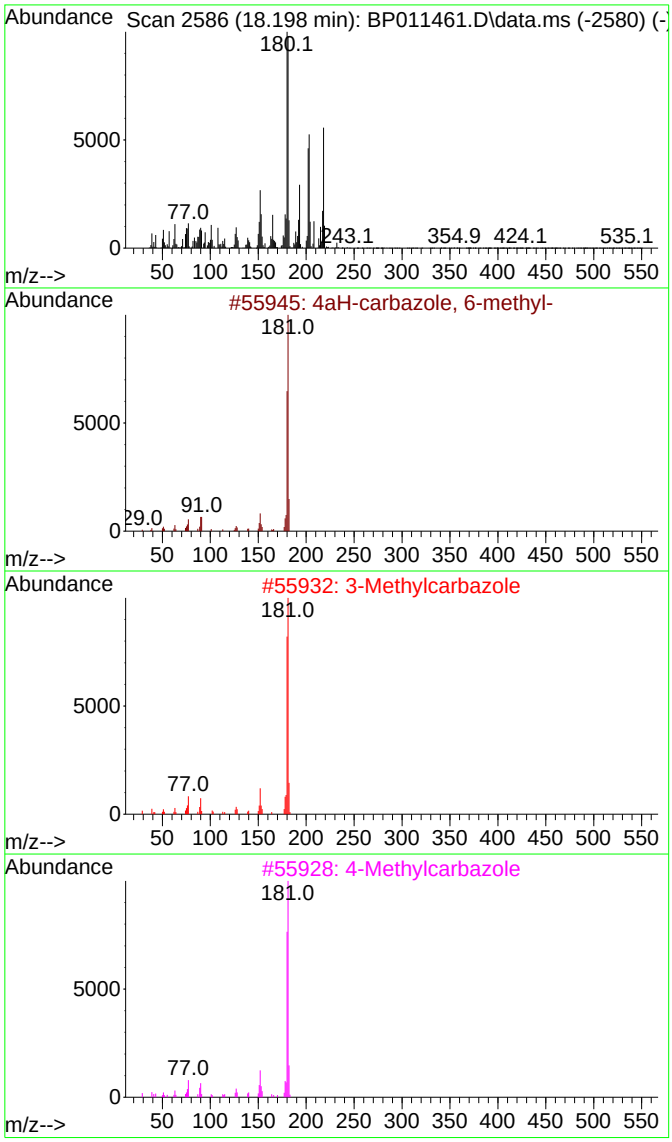
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

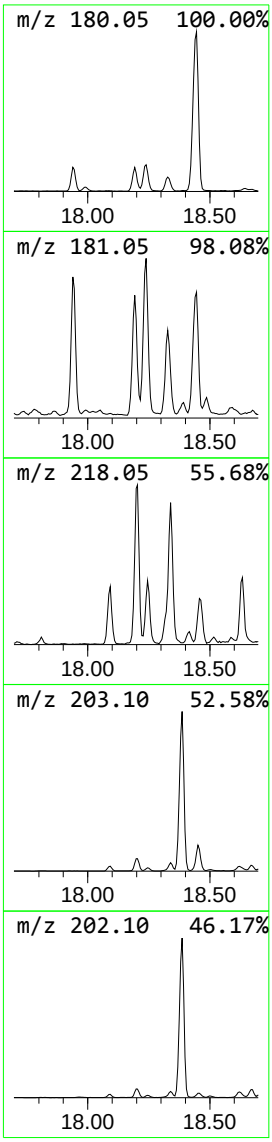
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 4aH-carbazole, 6-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	20.68 ng/ul	1274000	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4aH-carbazole, 6-methyl-	181	C13H11N	1000404-86-1	86
2	3-Methylcarbazole	181	C13H11N	004630-20-0	84
3	4-Methylcarbazole	181	C13H11N	003770-48-7	83
4	3-Methylcarbazole	181	C13H11N	004630-20-0	80
5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	80





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Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

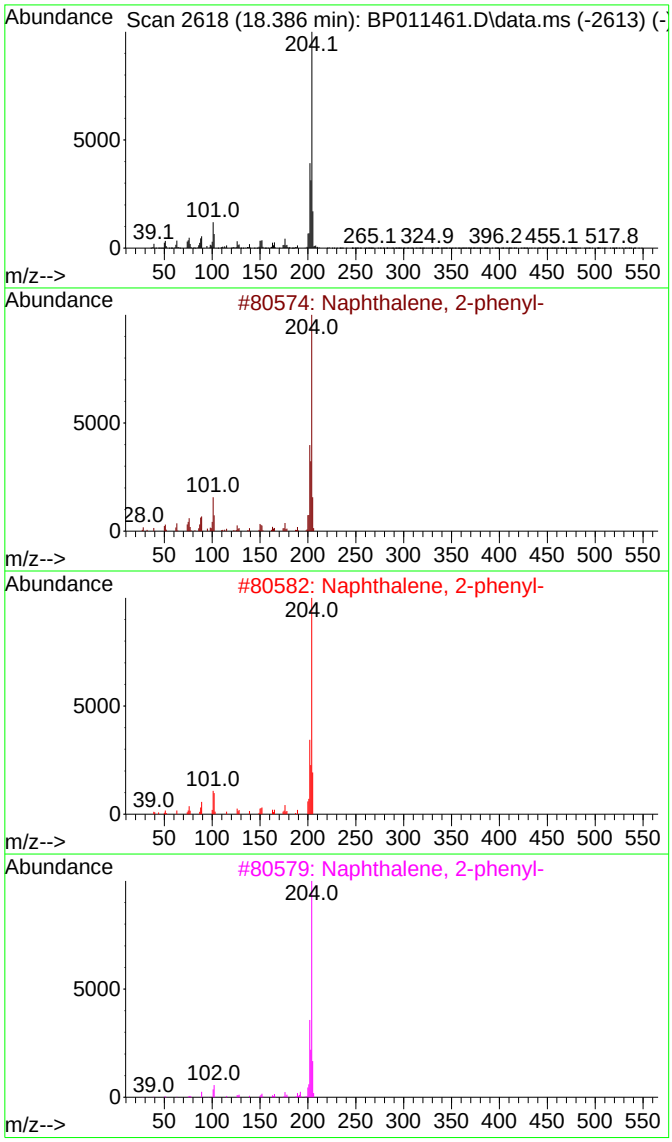
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

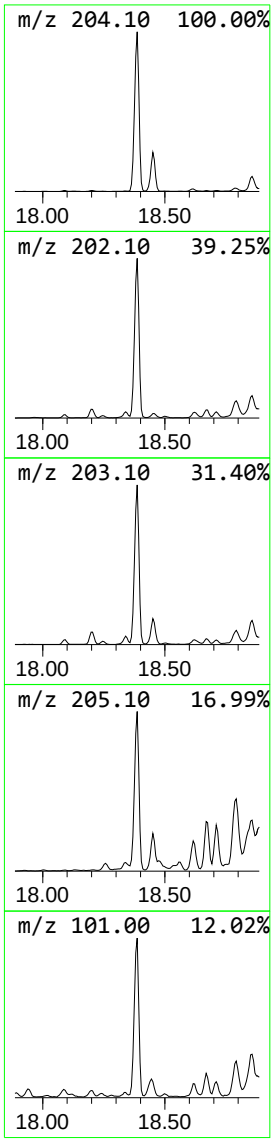
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.386	105.38 ng/ul	6491780	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

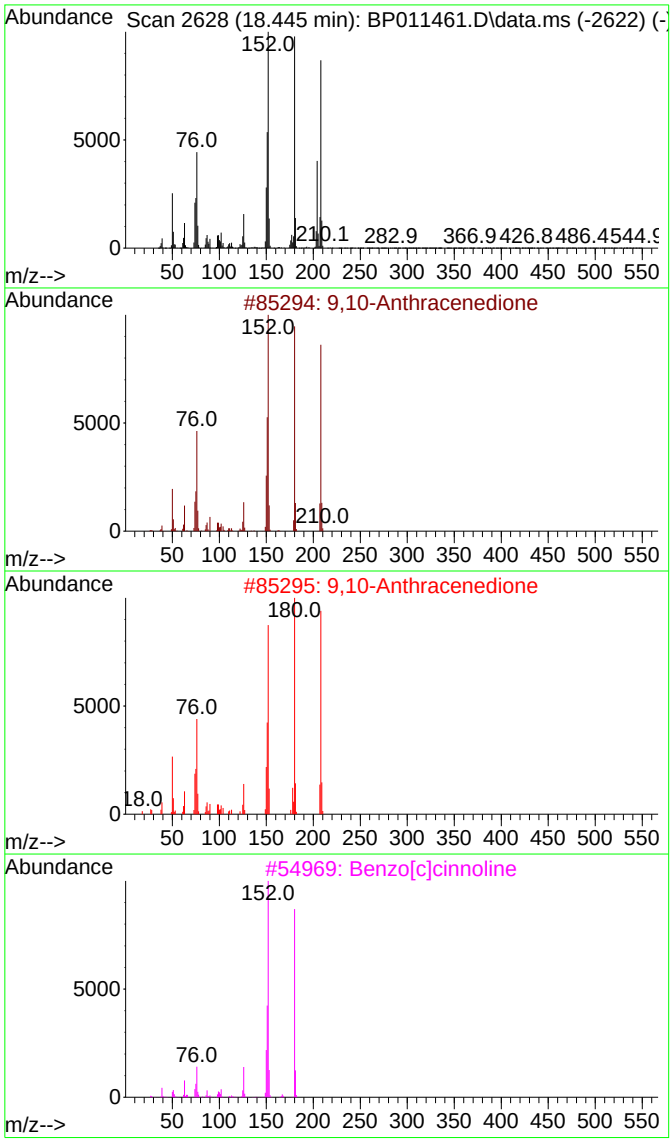
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

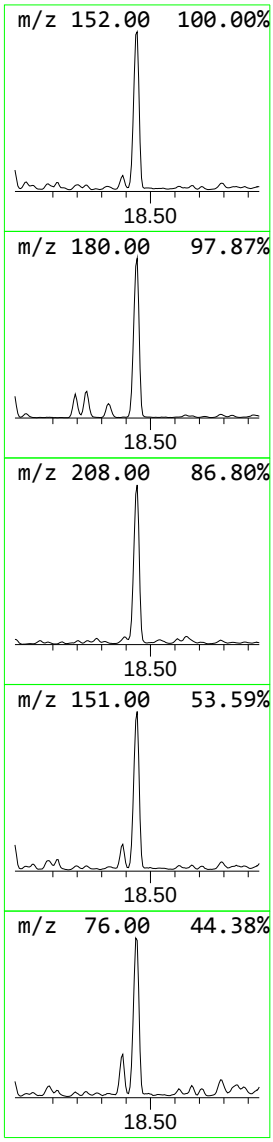
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 9,10-Anthracenedione Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	125.51 ng/ul	7732260	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	95
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90





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Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

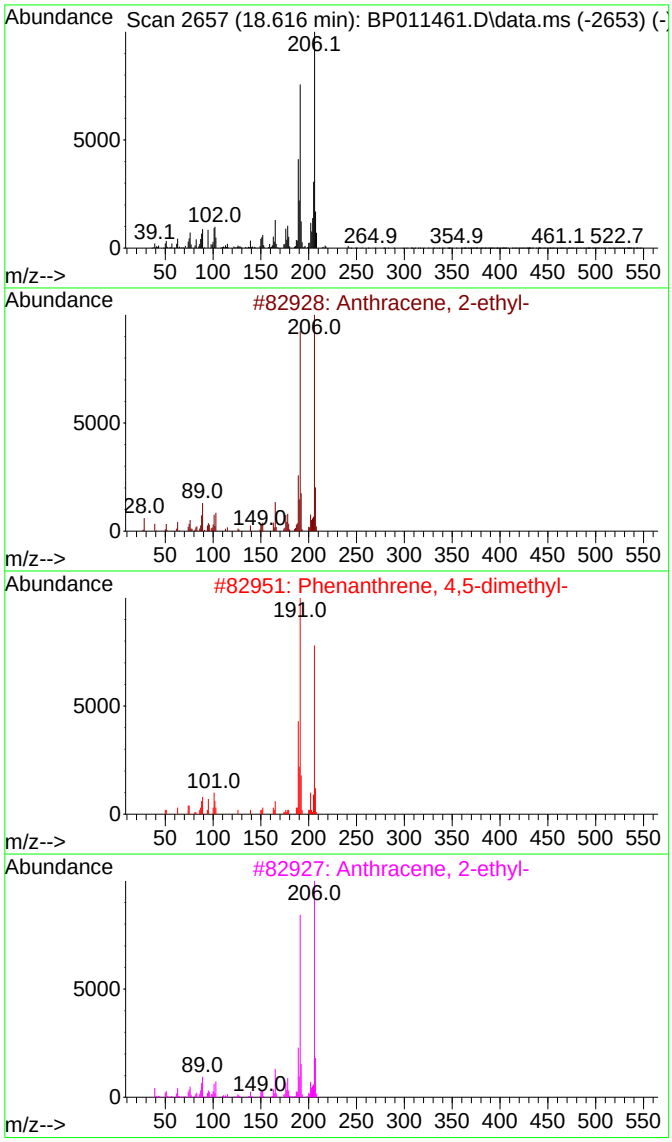
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

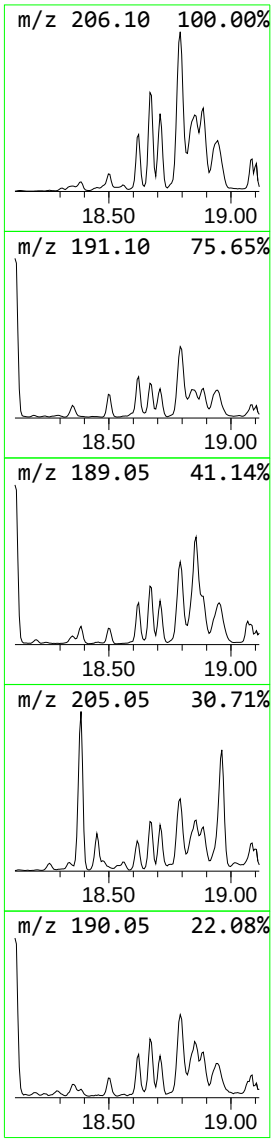
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Anthracene, 2-ethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.616	22.69 ng/ul	1397820	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	95
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	94
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	92
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91





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Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

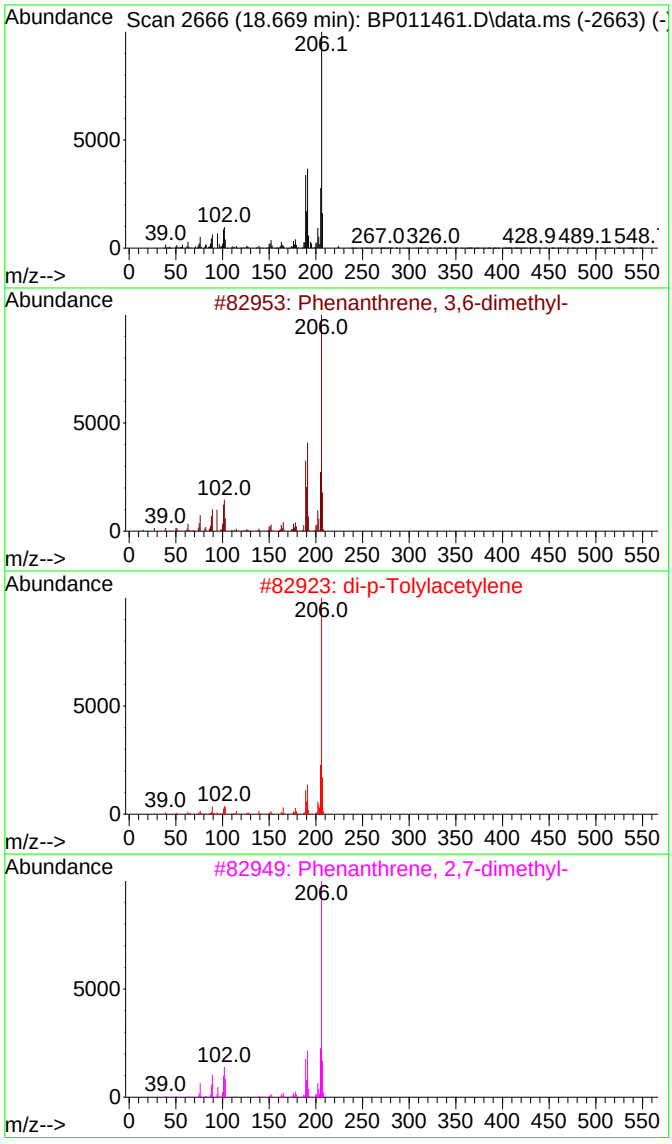
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

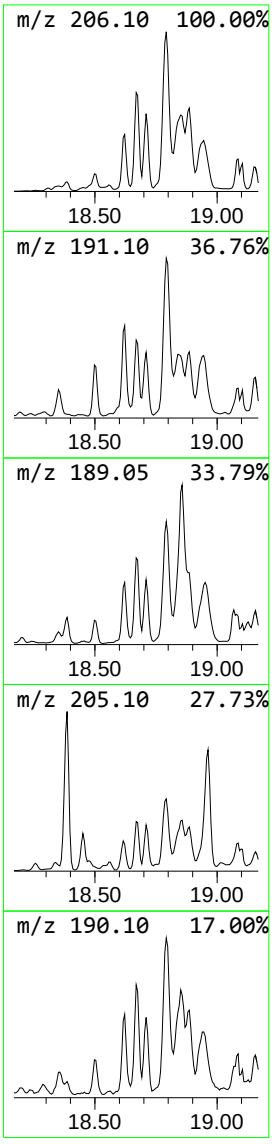
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Phenanthrene, 3,6-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.669	22.55 ng/ul	1389150	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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Data File : BP011461.D
Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

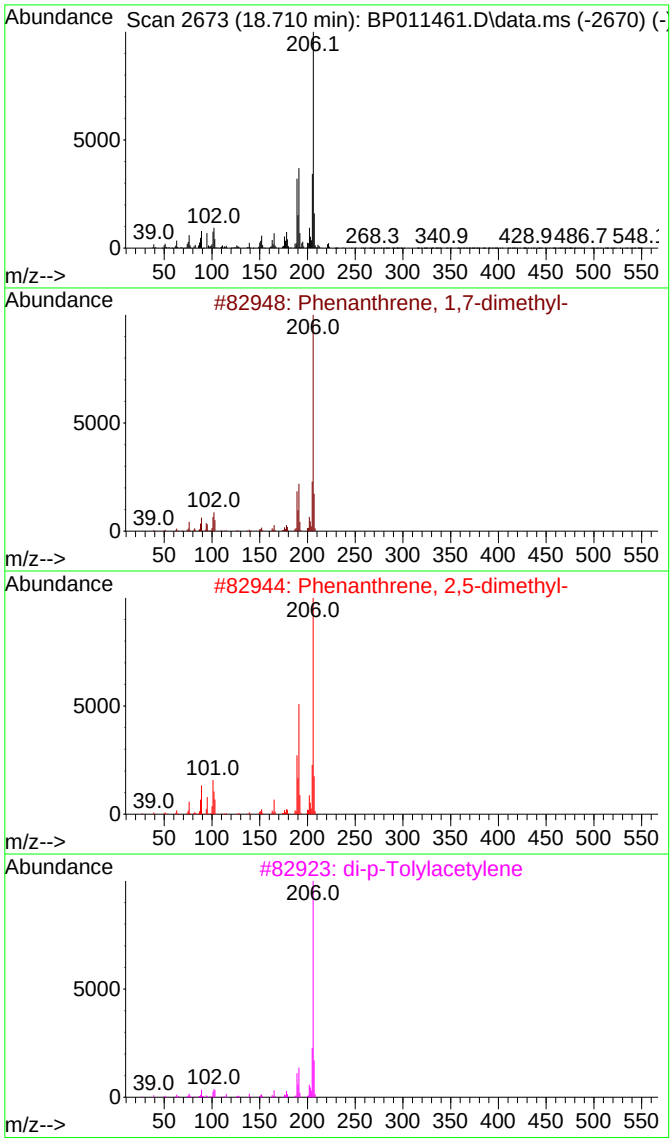
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

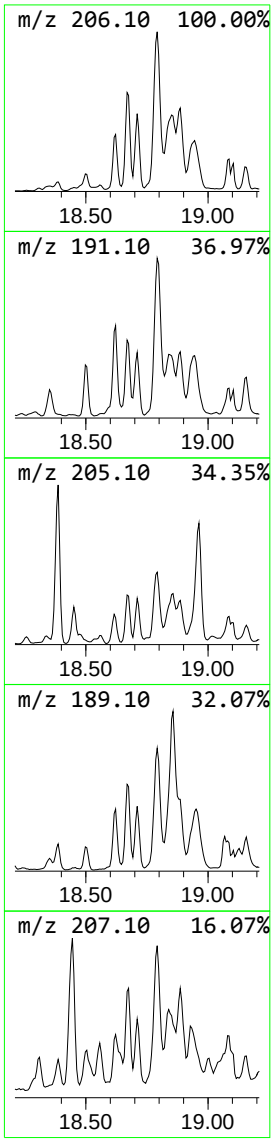
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Phenanthrene, 1,7-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.710	20.09 ng/ul	1237550	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93





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Data File : BP011461.D
Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

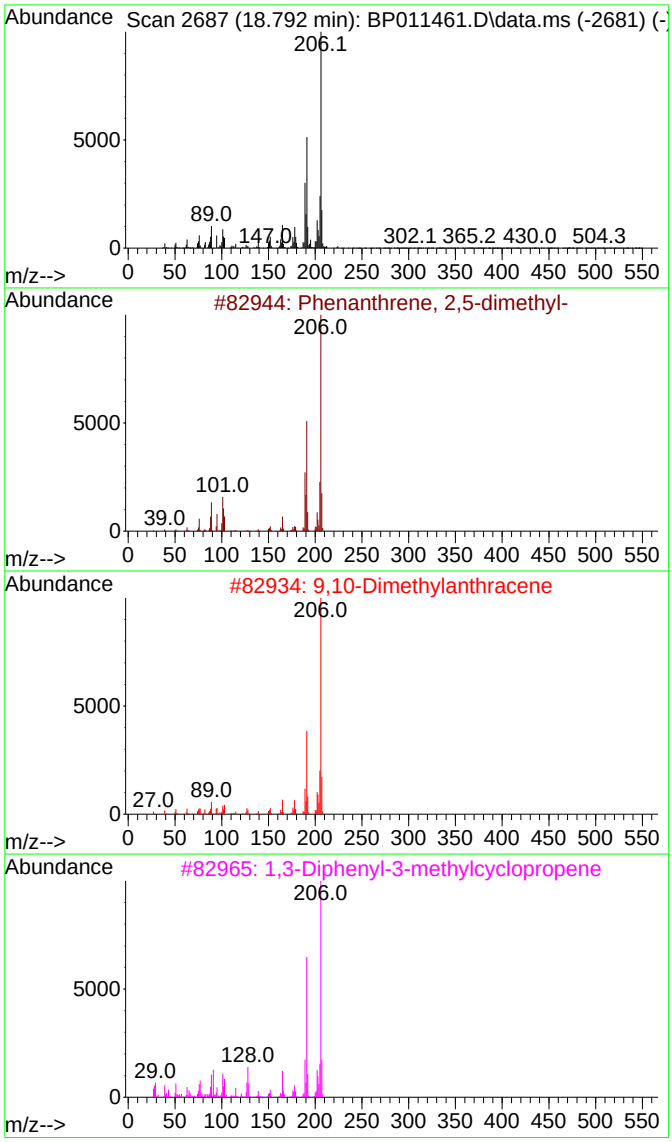
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

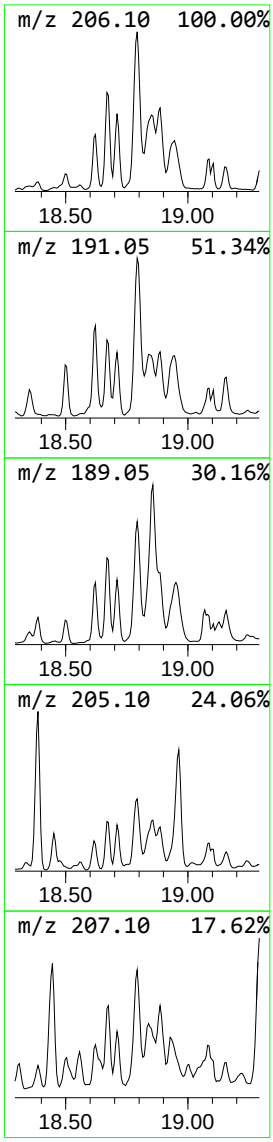
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.792	64.58 ng/ul	3978240	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	95
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





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Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

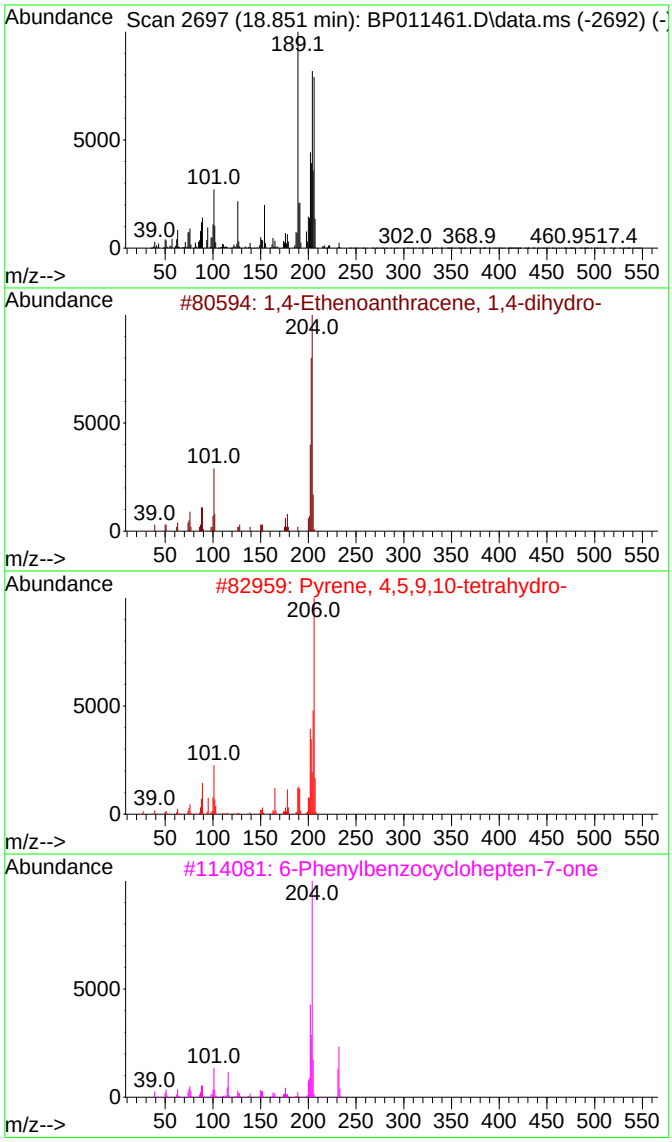
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

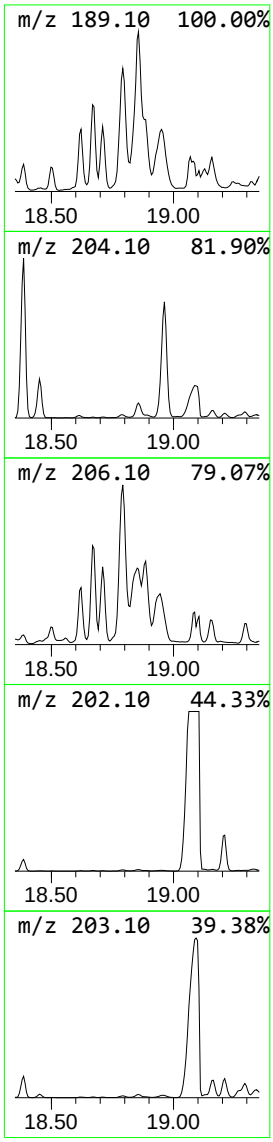
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.851	37.10 ng/ul	2285300	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	44
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	38
4	4-Chloro-6-phenylpyrimidine-1-oxide	206	C10H7ClN2O	052816-77-0	35
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	35





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Data File : BP011461.D
Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

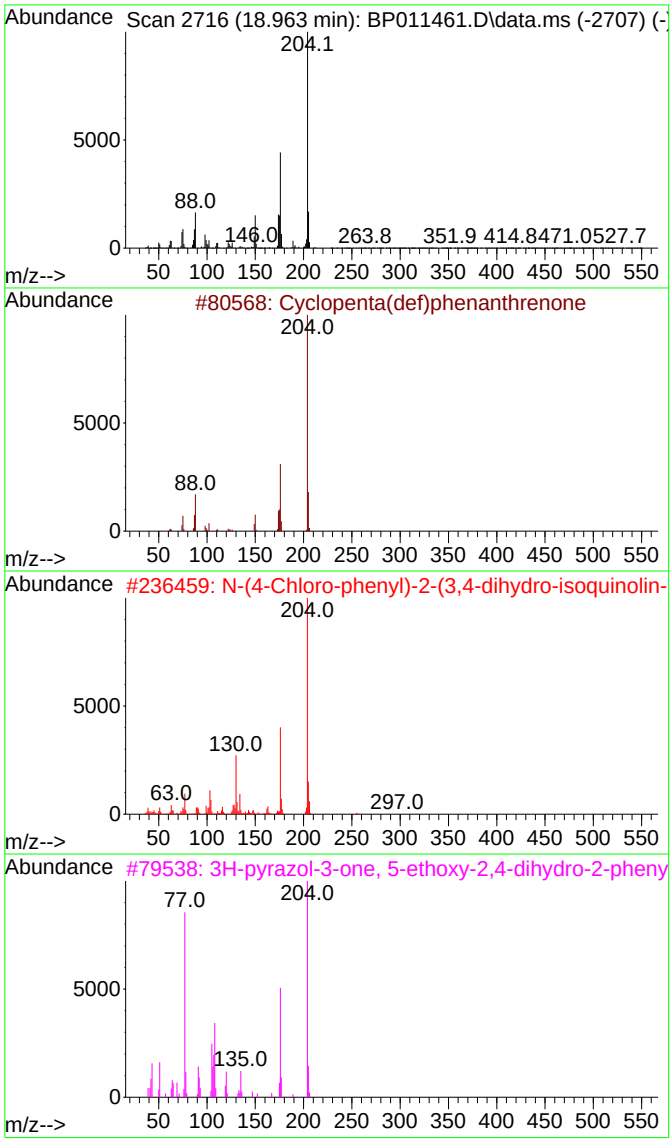
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

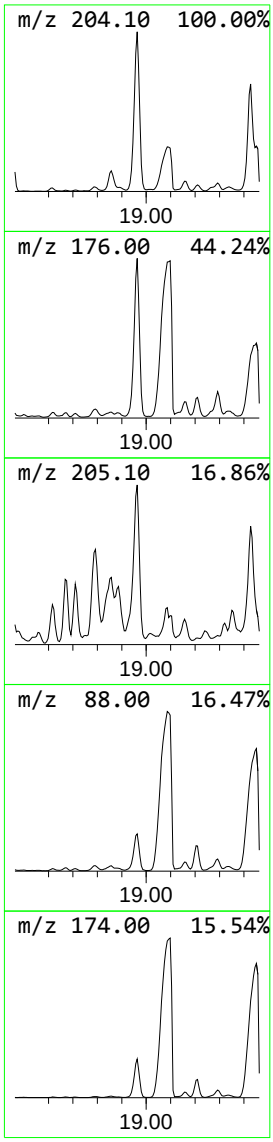
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.963	123.95 ng/ul	7636150	Phenanthrene-d10	17.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	45
3	3H-pyrazol-3-one, 5-ethoxy-2,4-d...	204	C11H12N2O2	1000400-47-1	45
4	1,4-Naphthalenedione, 2-hydroxy-...	204	C11H8O4	005257-83-0	43
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011461.D
Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

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

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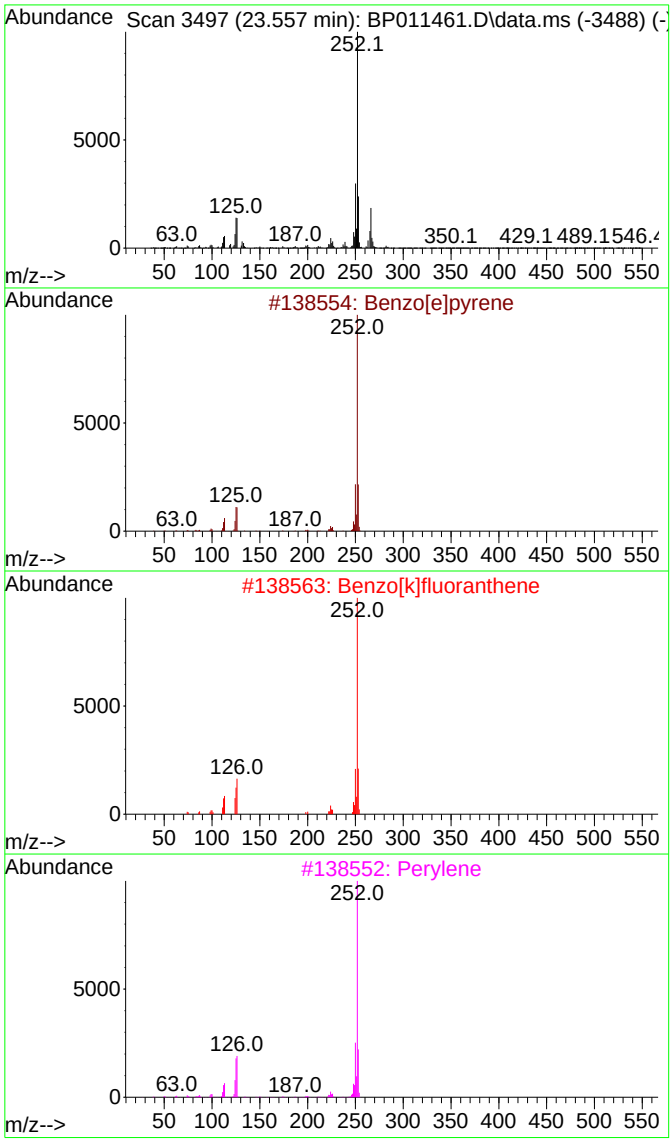
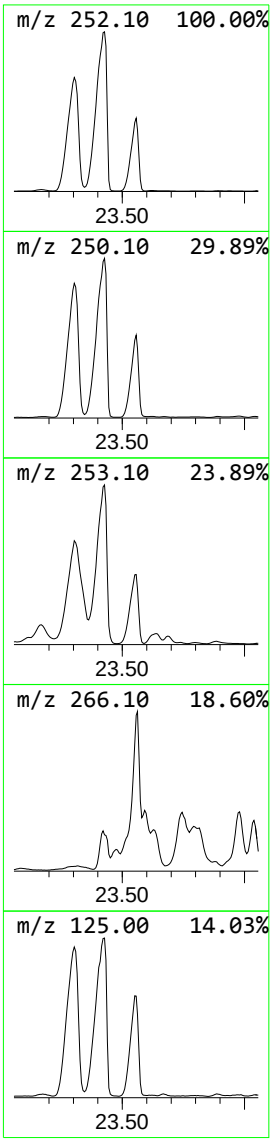
Peak Number 36 Benzo[e]pyrene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.557	7.80 ng/ul	24826300	Perylene-d12	23.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Perylene	252	C20H12	000198-55-0	97
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011461.D
Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

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

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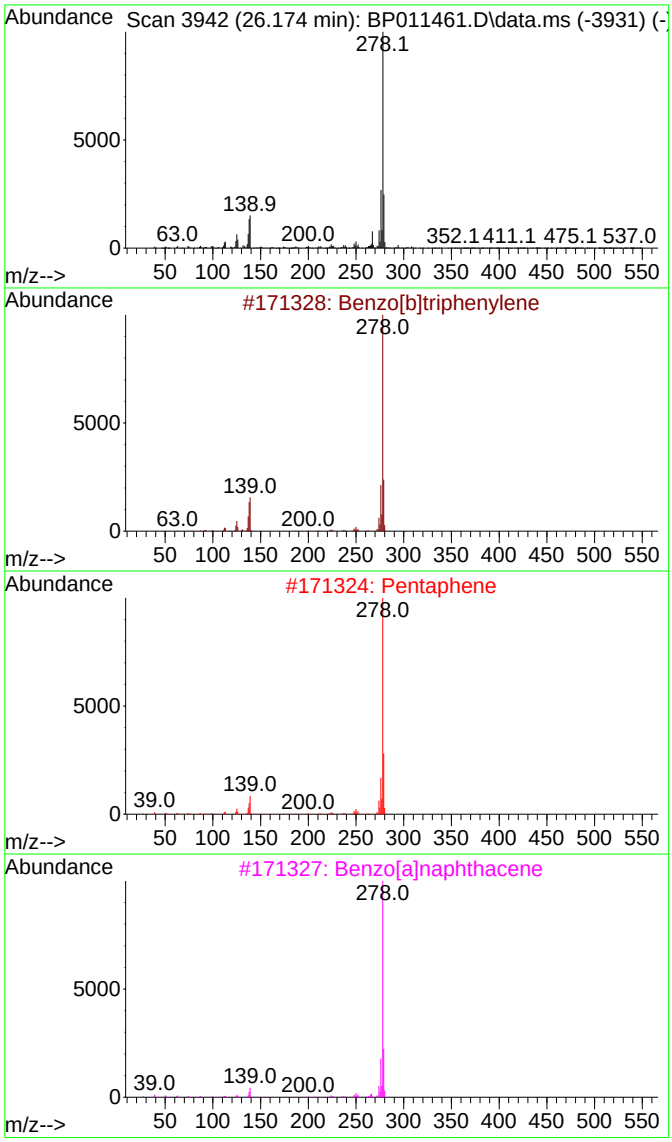
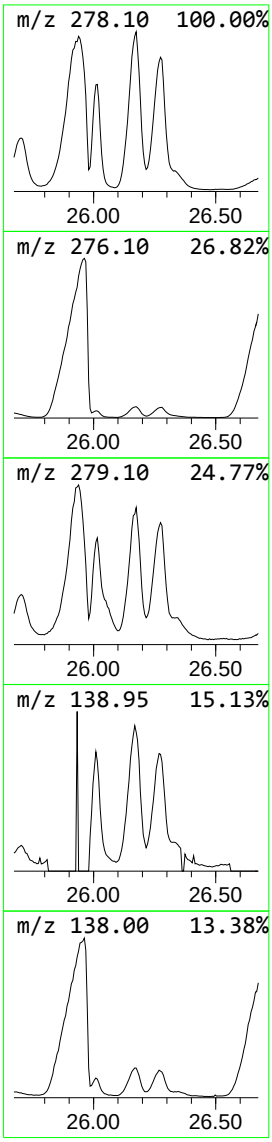
Peak Number 37 Benzo[b]triphenylene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.174	2.85 ng/ul	9079500	Perylene-d12	23.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	99
2	Pentaphene	278	C22H14	000222-93-5	98
3	Benzo[a]naphthacene	278	C22H14	000226-88-0	98
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
5	Picene	278	C22H14	000213-46-7	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011461.D
Acq On : 17 Aug 2022 14:13
Operator : CG/JU
Sample : N4173-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7Q8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.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
Naphthalene, 1,...	13.387	13.3	ng/ul	1447430	3	14.233	2175530	20.0
Naphthalene, 2,...	13.545	23.2	ng/ul	2527520	3	14.233	2175530	20.0
Naphthalene, 2,...	13.604	12.0	ng/ul	1308790	3	14.233	2175530	20.0
Dibenzofuran, 4...	15.592	28.1	ng/ul	3060980	3	14.233	2175530	20.0
9H-Fluoren-9-ol	15.739	75.3	ng/ul	4637150	4	17.016	1232100	20.0
1(2H)-Acenaphth...	15.980	29.1	ng/ul	1793170	4	17.016	1232100	20.0
9H-Fluorene, 1-...	16.310	34.0	ng/ul	2093710	4	17.016	1232100	20.0
Naphtho[2,1-b]f...	16.539	27.7	ng/ul	1704140	4	17.016	1232100	20.0
3'-Methyl-[1,1'...	16.580	19.9	ng/ul	1224130	4	17.016	1232100	20.0
9H-Fluoren-9-one	16.675	82.3	ng/ul	5072720	4	17.016	1232100	20.0
4-(4-Methylphen...	16.739	31.7	ng/ul	1954290	4	17.016	1232100	20.0
Naphtho[1,2-b]t...	16.828	57.9	ng/ul	3564960	4	17.016	1232100	20.0
Naphthalene, 1-...	17.539	40.3	ng/ul	2481900	4	17.016	1232100	20.0
Anthrone	17.604	25.1	ng/ul	1546870	4	17.016	1232100	20.0
Phenanthrene, 2...	17.892	115.3	ng/ul	7100670	4	17.016	1232100	20.0
Phenanthrene, 1...	17.945	167.9	ng/ul	10344700	4	17.016	1232100	20.0
1H-Cyclopropa[l...	18.022	49.2	ng/ul	3029750	4	17.016	1232100	20.0
4H-Cyclopenta[d...	18.086	203.9	ng/ul	12559800	4	17.016	1232100	20.0
Phenanthrene, 4...	18.116	69.3	ng/ul	4269290	4	17.016	1232100	20.0
4aH-carbazole, ...	18.198	20.7	ng/ul	1274000	4	17.016	1232100	20.0
Naphthalene, 2-...	18.386	105.4	ng/ul	6491780	4	17.016	1232100	20.0
9,10-Anthracene...	18.445	125.5	ng/ul	7732260	4	17.016	1232100	20.0
Anthracene, 2-e...	18.616	22.7	ng/ul	1397820	4	17.016	1232100	20.0
Phenanthrene, 3...	18.669	22.6	ng/ul	1389150	4	17.016	1232100	20.0
Phenanthrene, 1...	18.710	20.1	ng/ul	1237550	4	17.016	1232100	20.0
Phenanthrene, 2...	18.792	64.6	ng/ul	3978240	4	17.016	1232100	20.0
unknown-01	18.851	37.1	ng/ul	2285300	4	17.016	1232100	20.0
Cyclopenta(def)...	18.963	124.0	ng/ul	7636150	4	17.016	1232100	20.0
Benzo[e]pyrene	23.557	7.8	ng/ul	24826300	6	23.486	63669900	20.0
Benzo[b]triphen...	26.174	2.9	ng/ul	9079500	6	23.486	63669900	20.0