LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031790.D
Acq On : 05 Jun 2024 00:08
Operator : MA/JU
Sample : P2591-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ6

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_N\Methods\SFAM-EPA-BN052924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN031790.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.599	101	104	116	rBV	834885	1344758	5.20%	0.406%
2	6.852	650	657	673	rVB	2010039	3279474	12.67%	0.991%
3	7.022	679	686	697	rBV	1571251	2455433	9.49%	0.742%
4	7.210	711	718	726	rVV	1965377	3200648	12.37%	0.967%
5	7.681	790	798	805	rBV	1946301	3102973	11.99%	0.937%
6	8.387	910	918	925	rBV	2380917	3914192	15.13%	1.182%
7	8.834	987	994	1002	rBV	1802546	3026755	11.70%	0.914%
8	9.399	1084	1090	1101	rVB	231261	361400	1.40%	0.109%
9	9.552	1108	1116	1129	rBV	1515764	2537874	9.81%	0.767%
10	10.087	1199	1207	1218	rBV	2526311	4222861	16.32%	1.275%
11	10.463	1262	1271	1276	rBV	2781055	4681334	18.09%	1.414%
12	10.510	1276	1279	1286	rVV	331396	525586	2.03%	0.159%
13	10.604	1287	1295	1311	rVV2	1320060	2441179	9.43%	0.737%
14	11.204	1390	1397	1403	rBV	282628	508470	1.97%	0.154%
15	12.128	1548	1554	1562	rVB	238917	392504	1.52%	0.119%
16	12.351	1585	1592	1601	rVB	219723	374320	1.45%	0.113%
17	13.498	1777	1787	1795	rBV3	121613	328078	1.27%	0.099%
18	13.640	1805	1811	1816	rBV	234638	407367	1.57%	0.123%
19	13.740	1822	1828	1837	rVB	3924051	5726488	22.13%	1.730%
20	14.016	1868	1875	1889	rVB	4594576	7519822	29.06%	2.271%
21	14.322	1917	1927	1933	rBV	3908272	5950571	23.00%	1.797%
22	14.387	1933	1938	1945	rVB	905800	1377791	5.32%	0.416%
23	14.534	1956	1963	1971	rBV	1676390	2727662	10.54%	0.824%
24	14.722	1991	1995	1998	rVV	872674	1392678	5.38%	0.421%
25	14.751	1998	2000	2005	rVV2	650177	767819	2.97%	0.232%
26	15.316	2089	2096	2101	rVV	5813049	8729314	33.74%	2.637%
27	15.375	2101	2106	2113	rVV	1048452	1654332	6.39%	0.500%
28	15.445	2113	2118	2124	rVV	703415	1074785	4.15%	0.325%
29	15.663	2150	2155	2165	rVB	454787	774566	2.99%	0.234%
30	15.810	2176	2180	2188	rVB	443876	861583	3.33%	0.260%
31	16.039	2213	2219	2226	rVB5	433220	725430	2.80%	0.219%
32	16.351	2265	2272	2273	rBV2	177203	280162	1.08%	0.085%
33	16.375	2273	2276	2281	rVB2	220800	359753	1.39%	0.109%
34	16.481	2289	2294	2300	rBV	752926	1105071	4.27%	0.334%
35	16.604	2307	2315	2318	rBV2	230556	403644	1.56%	0.122%
36	16.645	2318	2322	2325	rVV2	253771	368284	1.42%	0.111%

LSC Area Percent Report

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Operator : MA/JU
Sample : P2591-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ6

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_N\Methods\SFAM-EPA-BN052924.MA.M
Title : SVOA CALIBRATION

37	16.728	2331	2336	2343	rVB	1511883	2206845	8.53%	0.667%
38	16.798	2343	2348	2358	rBV3	253459	718958	2.78%	0.217%
39	16.886	2358	2363	2372	rVB	916822	1352312	5.23%	0.408%
40	16.998	2375	2382	2386	rBV	396192	568037	2.20%	0.172%
41	17.069	2386	2394	2397	rBV	3861792	5785081	22.36%	1.747%
42	17.116	2397	2402	2407	rVV	13727289	21023164	81.25%	6.350%
43	17.169	2407	2411	2414	rVV2	5708647	8206381	31.71%	2.479%
44	17.204	2414	2417	2422	rVV	3243621	4285827	16.56%	1.294%
45	17.257	2422	2426	2432	rVB2	379888	678646	2.62%	0.205%
46	17.475	2454	2463	2475	rBV2	1991519	3958694	15.30%	1.196%
47	17.592	2479	2483	2489	rVV2	302188	583315	2.25%	0.176%
48	17.651	2489	2493	2500	rVB5	388030	682420	2.64%	0.206%
49	17.863	2525	2529	2533	rVB	200536	290734	1.12%	0.088%
50	17.945	2534	2543	2545	rBV	1707814	2520920	9.74%	0.761%
51	17.980	2545	2549	2556	rVV2	3501016	7399905	28.60%	2.235%
52	18.045	2556	2560	2562	rVV	431105	637823	2.46%	0.193%
53	18.075	2562	2565	2570	rVB	660095	847633	3.28%	0.256%
54	18.139	2570	2576	2580	rBV2	1952947	3668958	14.18%	1.108%
55	18.175	2580	2582	2589	rVB	1075249	1332273	5.15%	0.402%
56	18.257	2591	2596	2599	rBV3	217450	379488	1.47%	0.115%
57	18.298	2599	2603	2606	rVB2	254644	350606	1.35%	0.106%
58	18.445	2624	2628	2632	rVV	1669579	2315224	8.95%	0.699%
59	18.492	2632	2636	2642	rVB	1538337	2102087	8.12%	0.635%
60	18.698	2667	2671	2675	rVB4	314218	401978	1.55%	0.121%
61	18.745	2675	2679	2682	rBV	351145	402455	1.56%	0.122%
62	18.786	2682	2686	2690	rVB	341502	434744	1.68%	0.131%
63	18.833	2690	2694	2696	rBV2	497826	661046	2.55%	0.200%
64	18.869	2696	2700	2705	rVB2	611877	1062480	4.11%	0.321%
65	19.010	2719	2724	2730	rBV2	1363037	2181045	8.43%	0.659%
66	19.139	2737	2746	2752	rBV	16159582	25876079	100.00%	7.815%
67	19.198	2753	2756	2759	rVV	257012	320410	1.24%	0.097%
68	19.233	2759	2762	2763	rVV	445784	494127	1.91%	0.149%
69	19.257	2763	2766	2774	rVB2	1282436	1925129	7.44%	0.581%
70	19.375	2784	2786	2790	rVB	419432	447779	1.73%	0.135%
71	19.469	2796	2802	2804	rBV2	7093025	10650787	41.16%	3.217%
72	19.498	2804	2807	2814	rVV	11529107	16303401	63.01%	4.924%
73	19.569	2815	2819	2825	rVB2	781833	1172161	4.53%	0.354%
74	19.675	2833	2837	2842	rVB	958483	1262109	4.88%	0.381%
75	19.739	2844	2848	2853	rVB	897274	1285857	4.97%	0.388%
76	19.822	2856	2862	2868	rBV3	1010649	2578458	9.96%	0.779%

LSC Area Percent Report

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Operator : MA/JU
Sample : P2591-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ6

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_N\Methods\SFAM-EPA-BN052924.MA.M
Title : SVOA CALIBRATION

77	19.951	2879	2884	2887	rBV3	852122	1591836	6.15%	0.481%
78	19.992	2888	2891	2895	rVB	1115164	1425477	5.51%	0.431%
79	20.092	2905	2908	2911	rBV	377252	461144	1.78%	0.139%
80	20.145	2911	2917	2922	rBV3	1281277	2380045	9.20%	0.719%
81	20.192	2922	2925	2928	rVB	305996	345503	1.34%	0.104%
82	20.233	2929	2932	2933	rBV	286629	330448	1.28%	0.100%
83	20.292	2939	2942	2945	rVB	459679	537263	2.08%	0.162%
84	20.339	2946	2950	2954	rVV3	593623	848399	3.28%	0.256%
85	20.739	3014	3018	3024	rBV	2720526	3781410	14.61%	1.142%
86	20.904	3041	3046	3051	rBV2	1521117	3061964	11.83%	0.925%
87	20.951	3051	3054	3057	rVV	1270954	1693706	6.55%	0.512%
88	20.986	3057	3060	3067	rVV3	2197106	4304929	16.64%	1.300%
89	21.051	3067	3071	3083	rVB	2274752	3808156	14.72%	1.150%
90	21.210	3096	3098	3102	rVB	791446	911583	3.52%	0.275%
91	21.292	3106	3112	3118	rVV3	8426578	18203967	70.35%	5.498%
92	21.351	3118	3122	3134	rVB	6525430	10491037	40.54%	3.169%
93	21.974	3225	3228	3234	rVB	1053544	1606509	6.21%	0.485%
94	22.045	3237	3240	3252	rVB4	720465	1993066	7.70%	0.602%
95	23.321	3449	3457	3464	rBV3	4709062	14950901	57.78%	4.516%
96	23.974	3564	3568	3573	rBV3	693703	1449280	5.60%	0.438%
97	24.039	3575	3579	3585	rVV3	1291136	2971699	11.48%	0.898%
98	24.110	3586	3591	3604	rVB	2418070	5830052	22.53%	1.761%
99	24.245	3608	3614	3622	rBV	1632692	4024437	15.55%	1.216%
100	27.515	4157	4170	4203	rVB5	4840092	25826926	99.81%	7.801%

Sum of corrected areas: 331090074

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Instrument :
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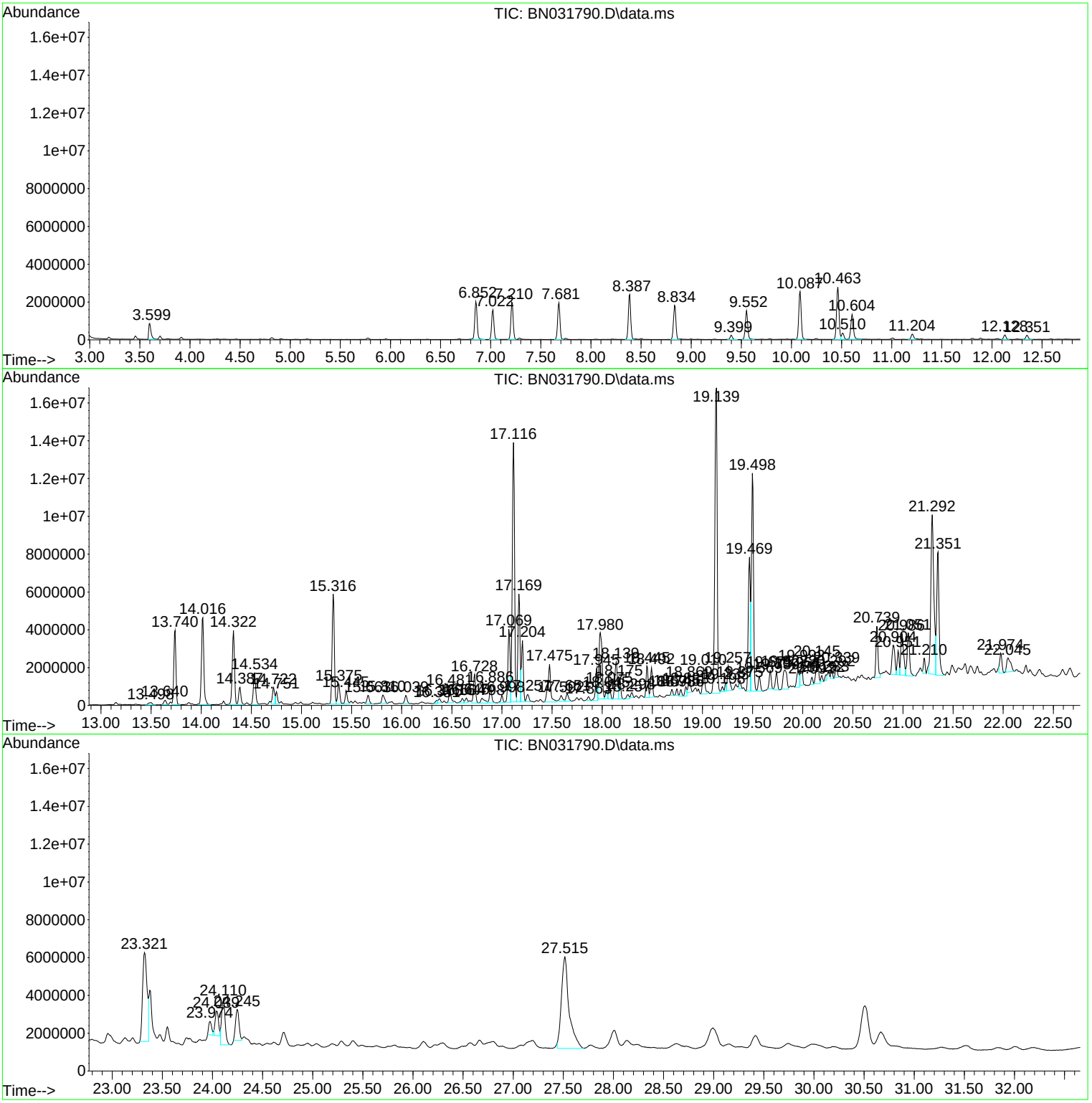
ClientSampleId :
BHBQ6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031790.D
Acq On : 05 Jun 2024 00:08
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Sample : P2591-15
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ6

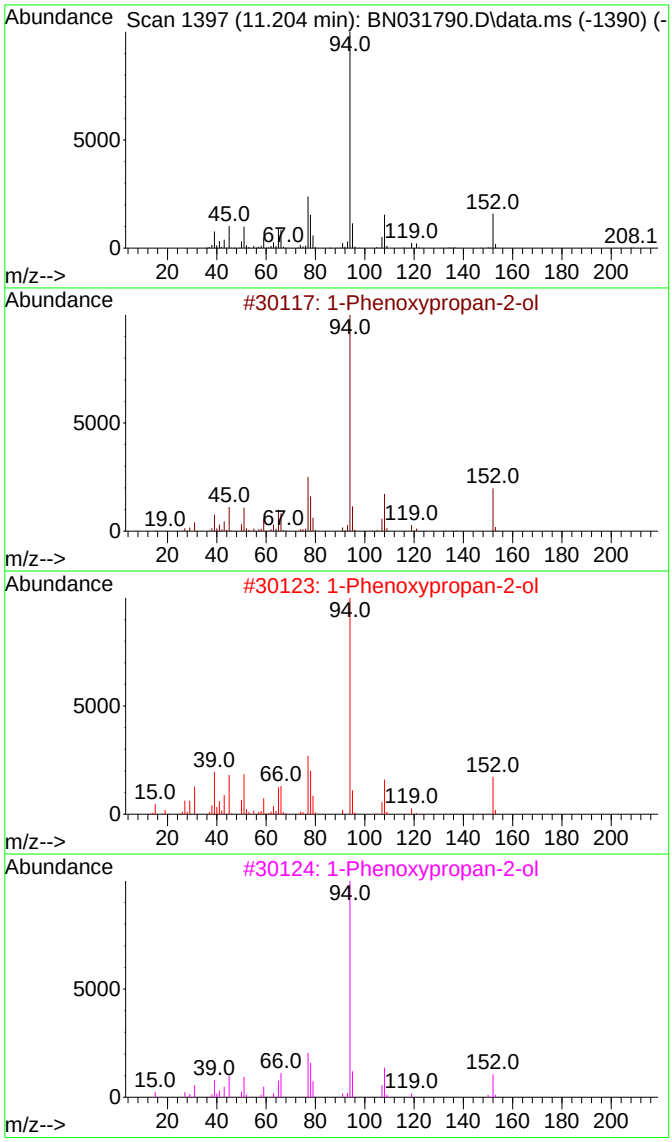
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

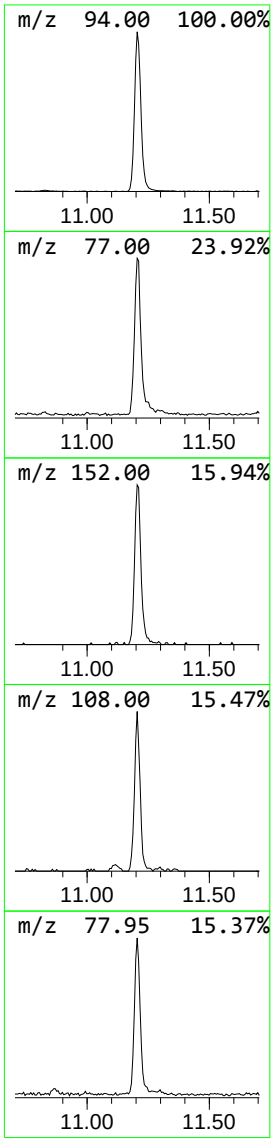
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Phenoxypropan-2-ol Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	2.17 ng/ul	508470	Naphthalene-d8	10.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	95
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
4	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	90
5	1-Propanol, 2-phenoxy-	152	C9H12O2	004169-04-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031790.D
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ6

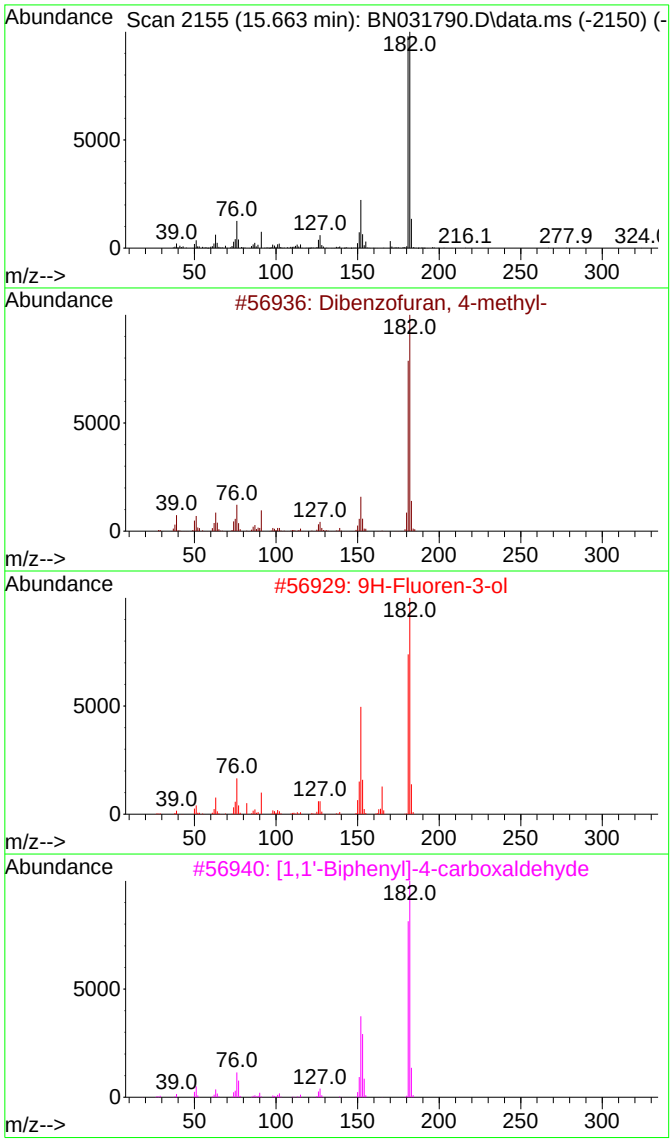
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

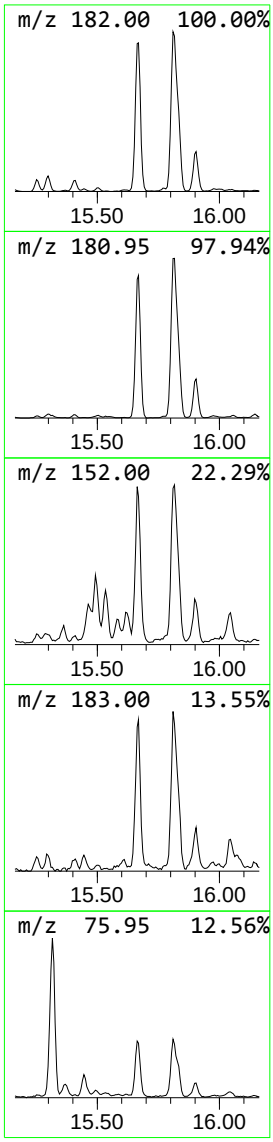
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Dibenzofuran, 4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.663	2.60 ng/ul	774566	Acenaphthene-d10	14.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





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Instrument :
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ClientSampleId :
BHBQ6

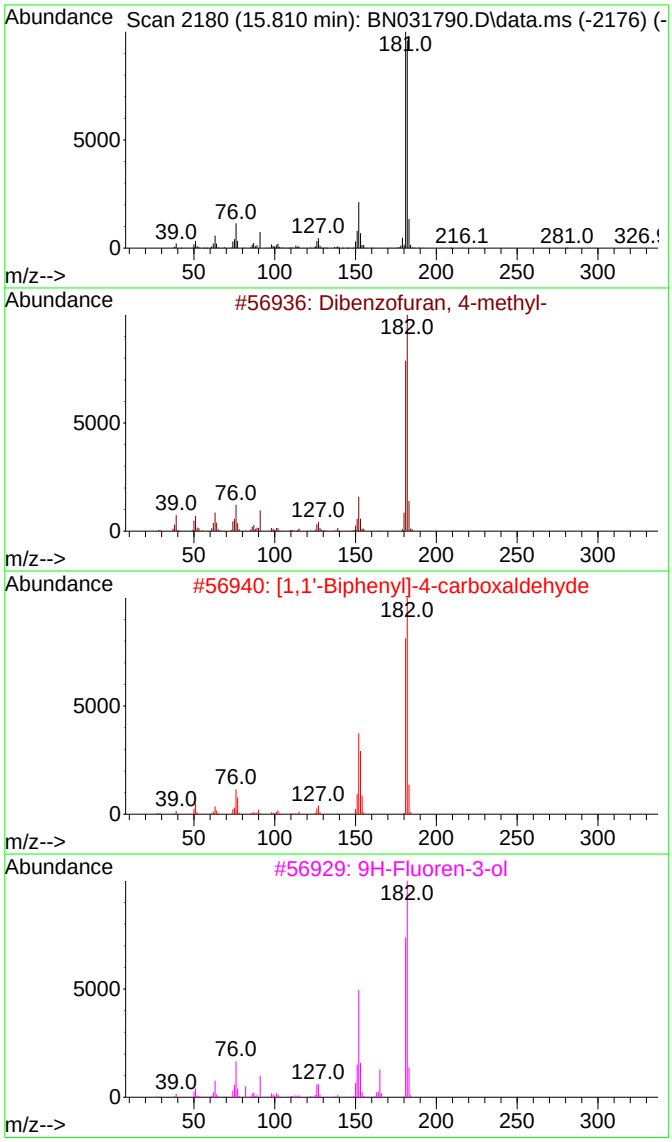
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

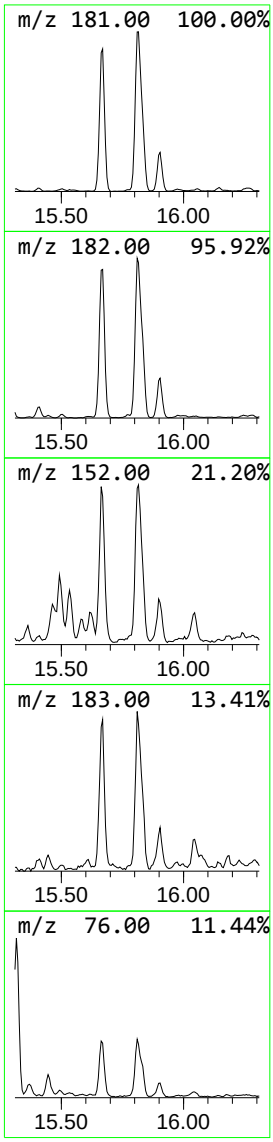
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.810	2.98 ng/ul	861583	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





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Operator : MA/JU
Sample : P2591-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ6

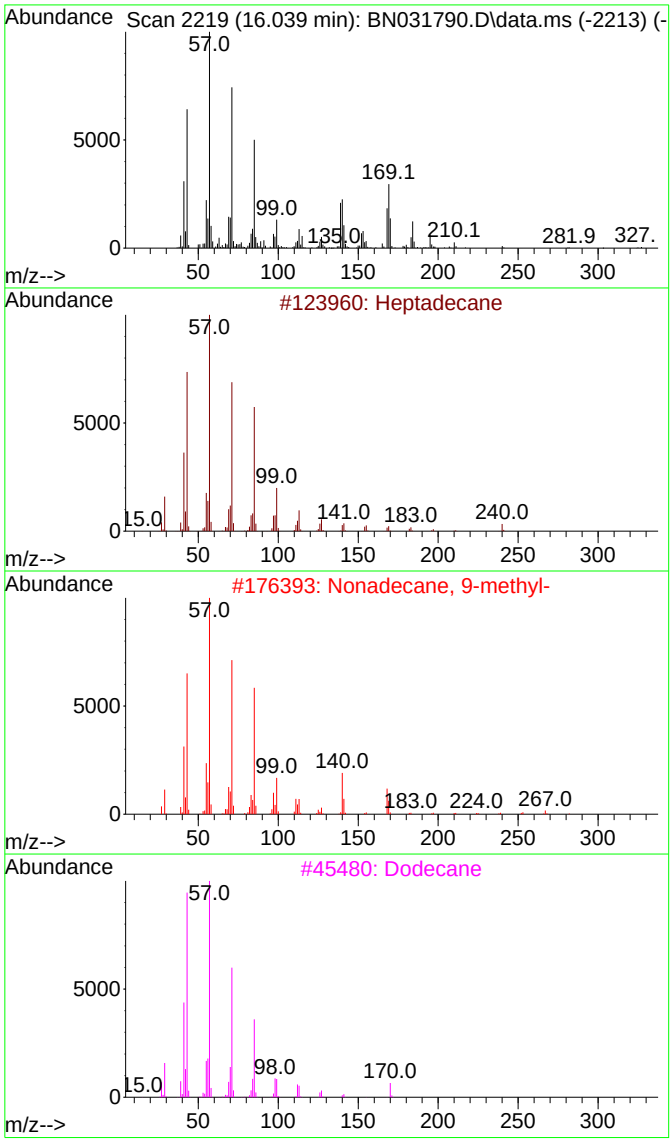
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

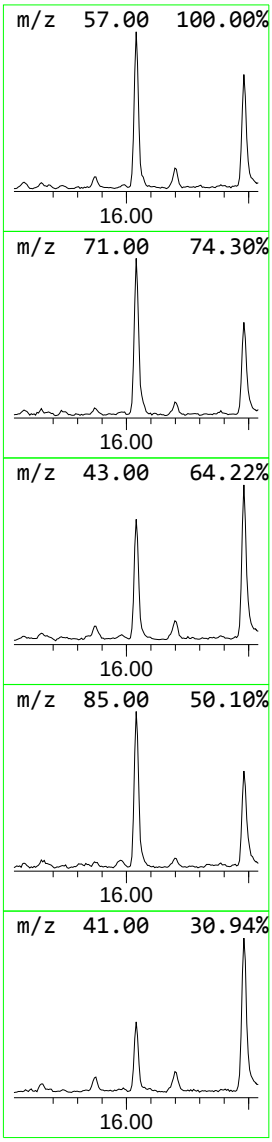
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.039	2.51 ng/ul	725430	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	64
3	Dodecane	170	C12H26	000112-40-3	60
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	60
5	Tridecane	184	C13H28	000629-50-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031790.D
Acq On : 05 Jun 2024 00:08
Operator : MA/JU
Sample : P2591-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ6

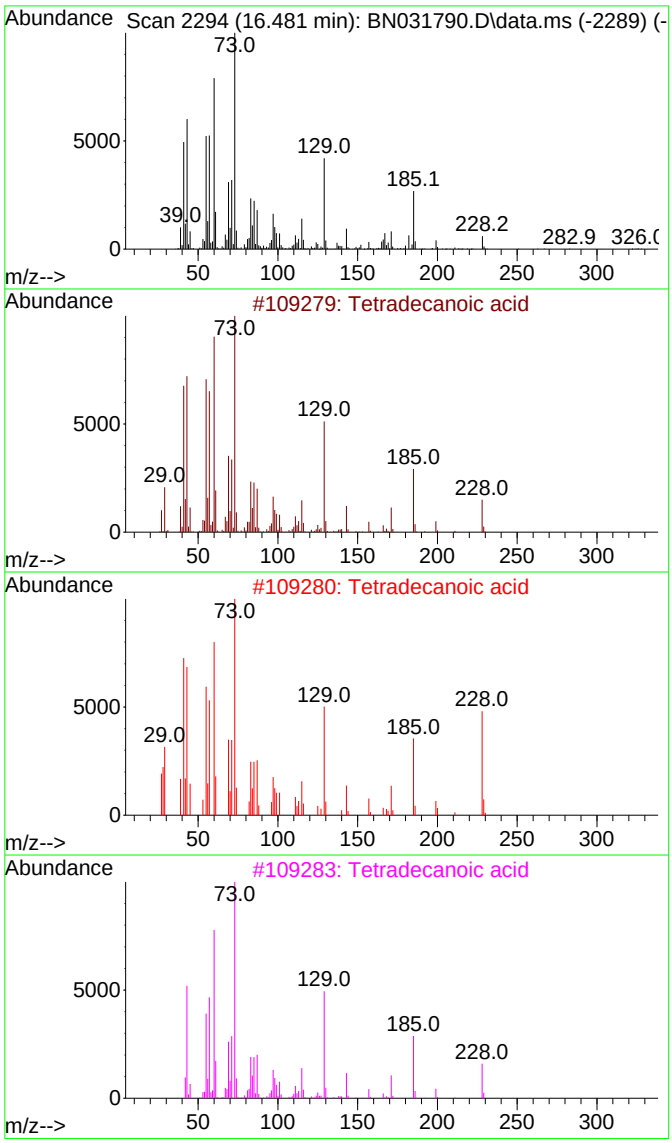
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

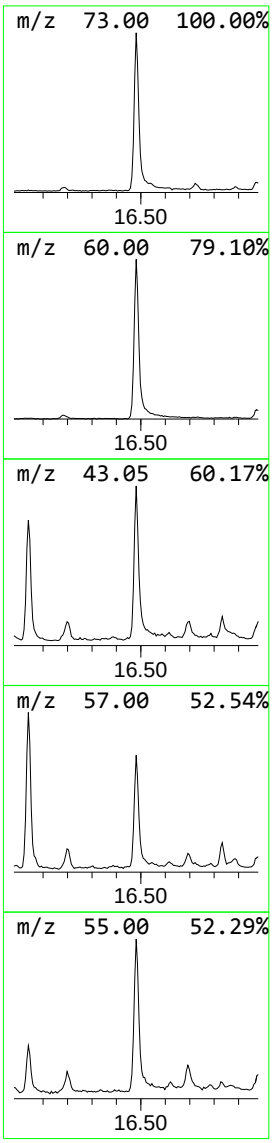
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Tetradecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.481	3.82 ng/ul	1105070	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Dodecanoic acid	200	C12H24O2	000143-07-7	83





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Operator : MA/JU
Sample : P2591-15
Misc :
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Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

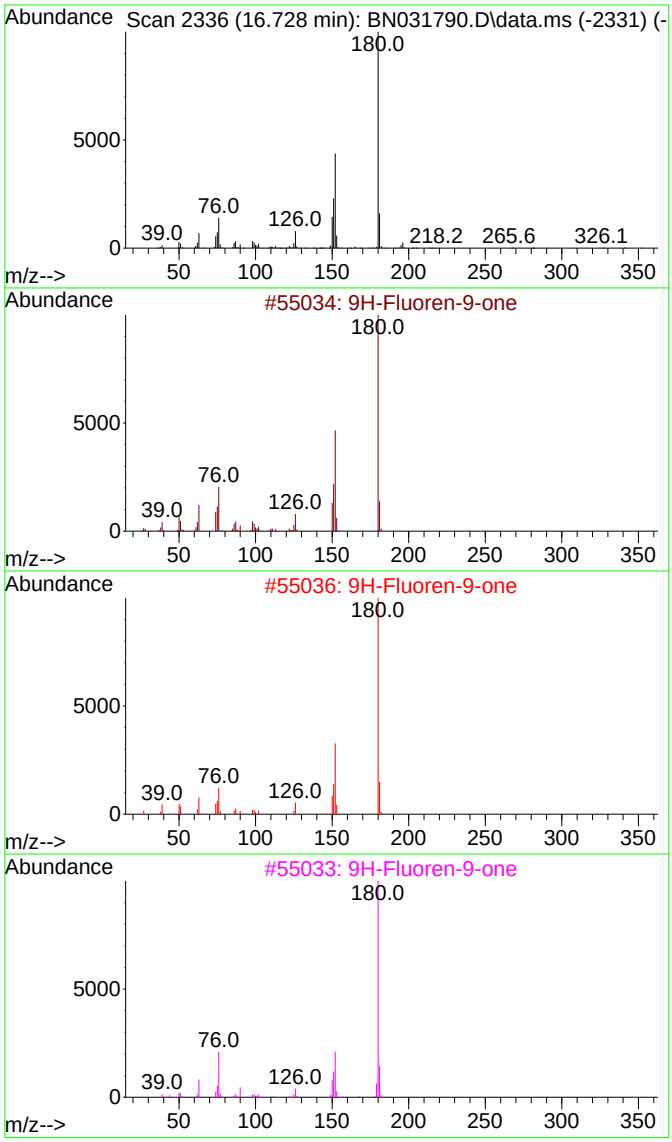
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

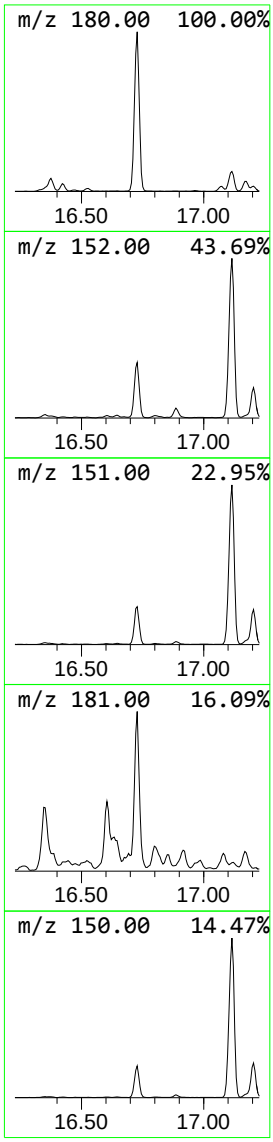
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.728	7.63 ng/ul	2206850	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	81





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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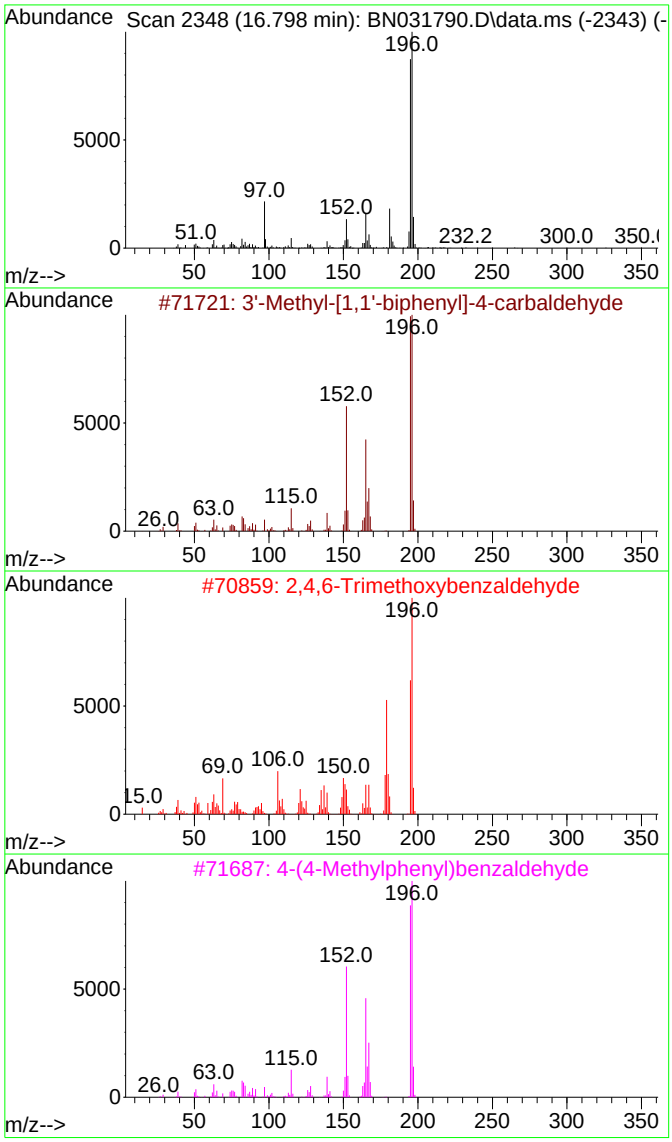
Quant Title : SVOA CALIBRATION

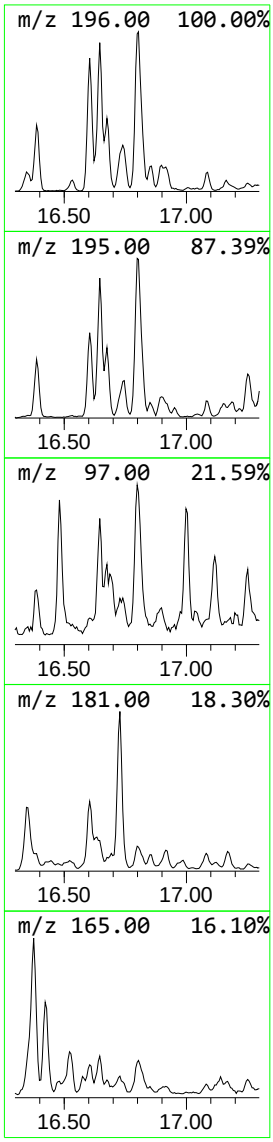
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.798	2.49 ng/ul	718958	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	87
2	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	80
3	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	80
4	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	80
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	58





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Sample : P2591-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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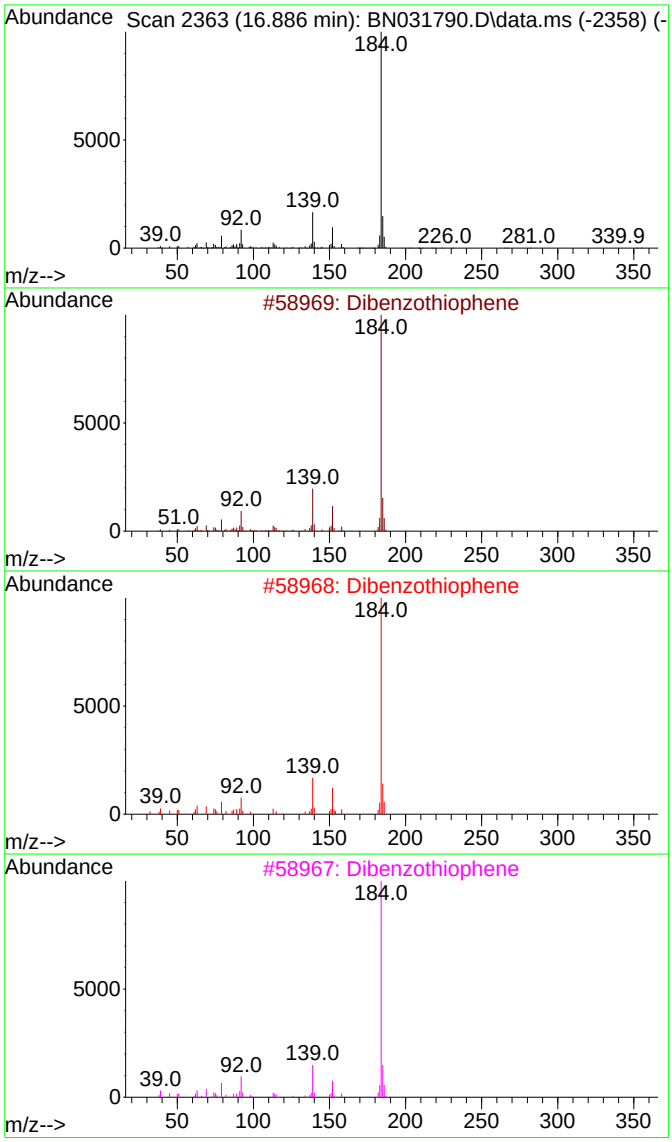
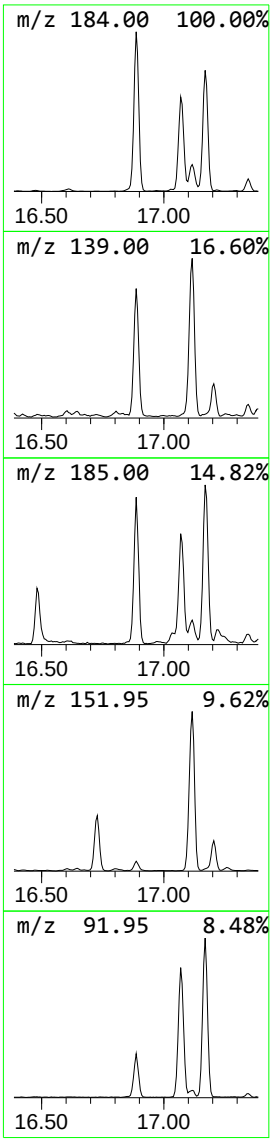
Peak Number 8 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.886	4.68 ng/ul	1352310	Phenanthrene-d10	17.069

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	96
4	Dibenzothiophene	184	C12H8S	000132-65-0	96
5	Dibenzothiophene	184	C12H8S	000132-65-0	96





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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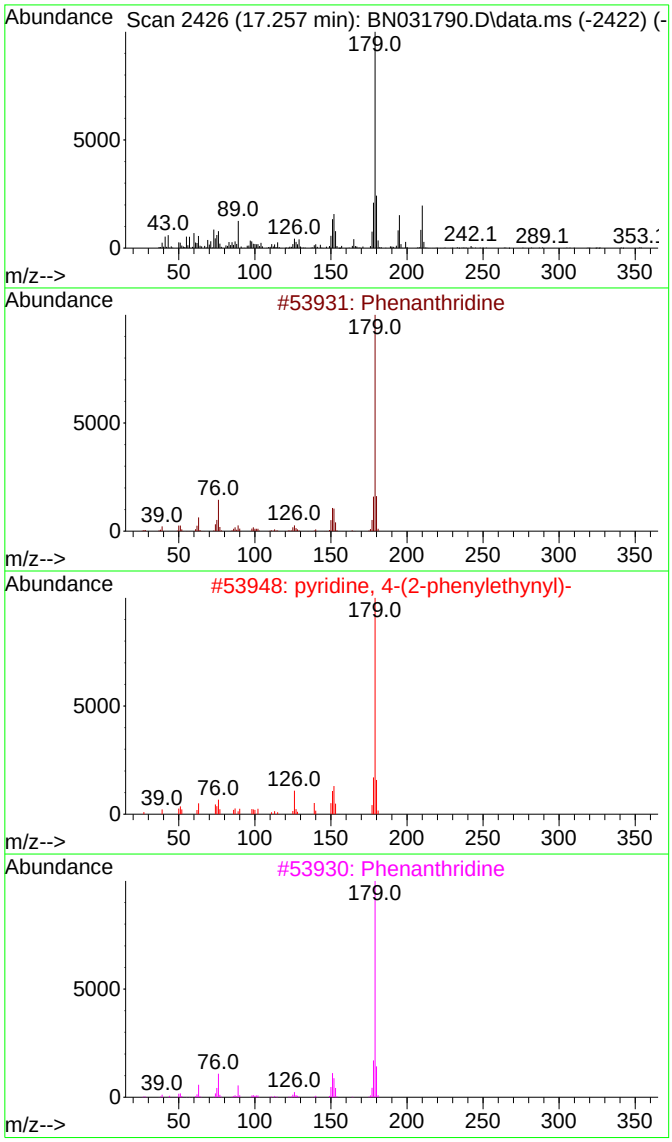
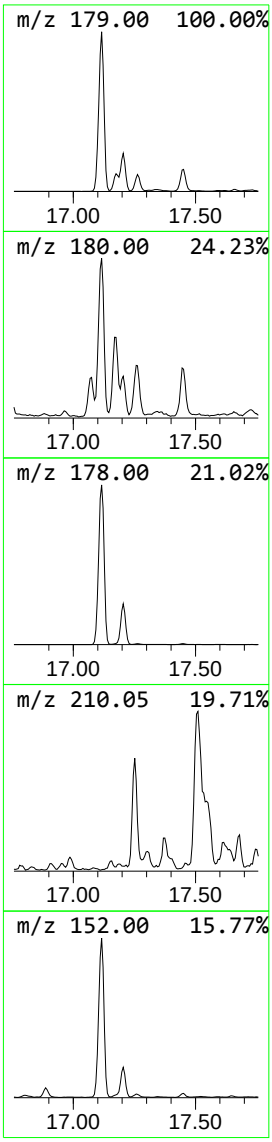
Peak Number 9 Phenanthridine Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.257	2.35 ng/ul	678646	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthridine	179	C13H9N	000229-87-8	86
2	pyridine, 4-(2-phenylethynyl)-	179	C13H9N	1000404-81-1	83
3	Phenanthridine	179	C13H9N	000229-87-8	70
4	Acridine	179	C13H9N	000260-94-6	70
5	Acridine	179	C13H9N	000260-94-6	70





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Misc :
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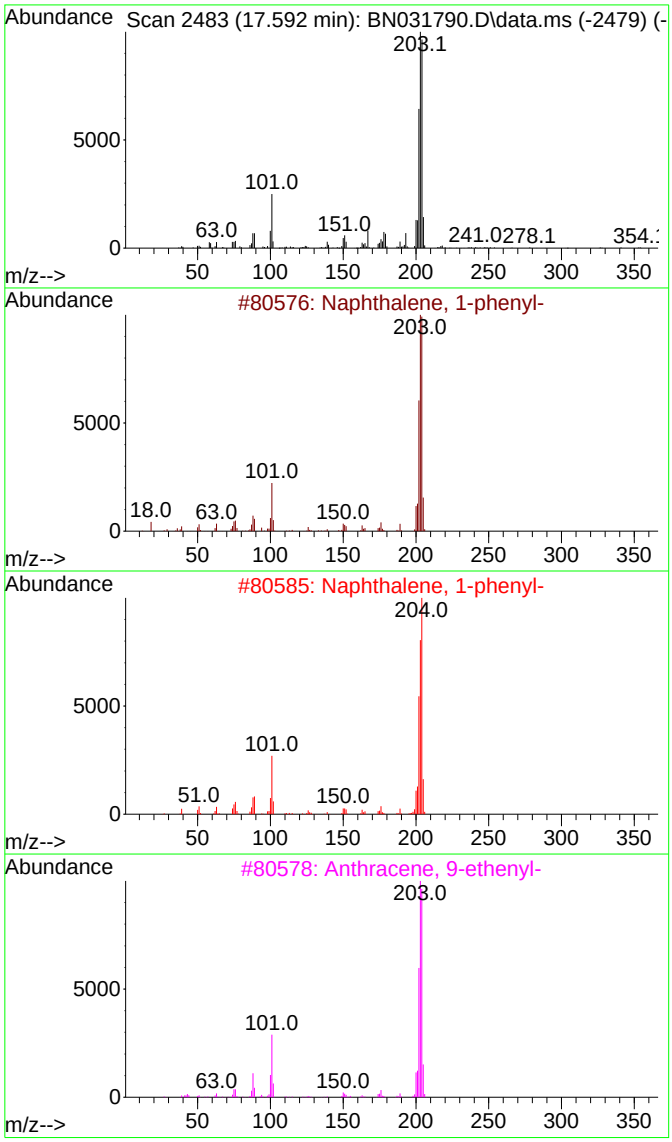
Quant Title : SVOA CALIBRATION

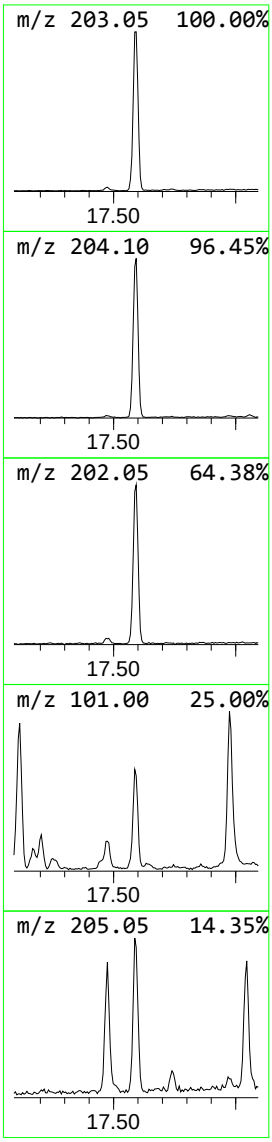
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1-phenyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.592	2.02 ng/ul	583315	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	93
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	93
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
4	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	89
5	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89





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Sample : P2591-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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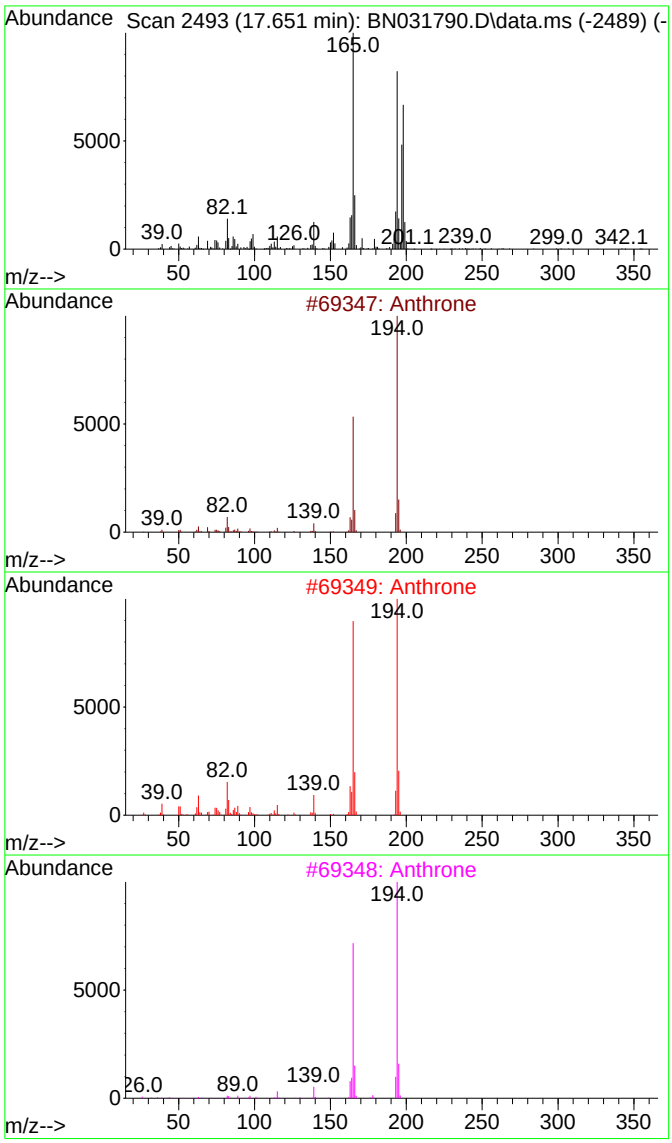
Quant Title : SVOA CALIBRATION

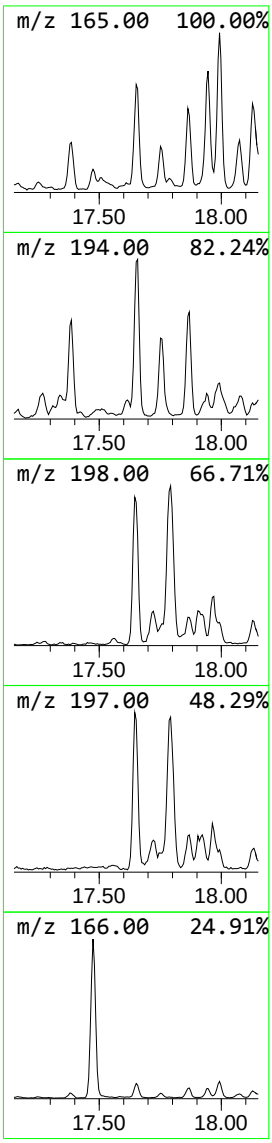
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Anthrone Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.651	2.36 ng/ul	682420	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	83
2	Anthrone	194	C14H10O	000090-44-8	83
3	Anthrone	194	C14H10O	000090-44-8	64
4	3-Phenanthrol	194	C14H10O	000605-87-8	64
5	Anthrone	194	C14H10O	000090-44-8	64





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Sample : P2591-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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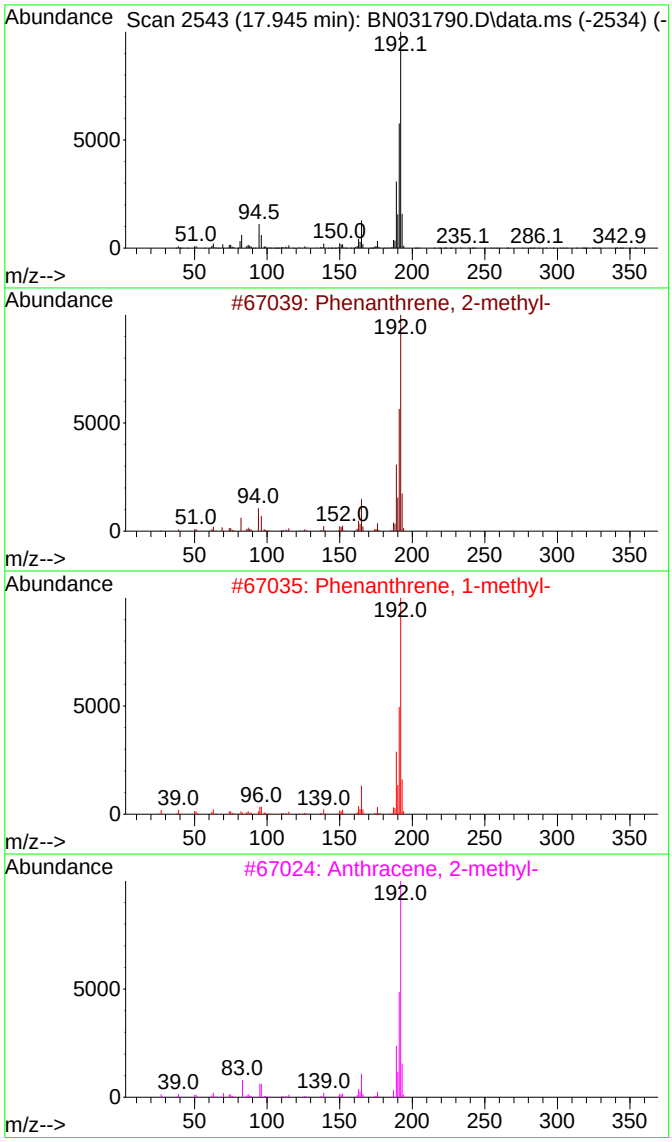
Quant Title : SVOA CALIBRATION

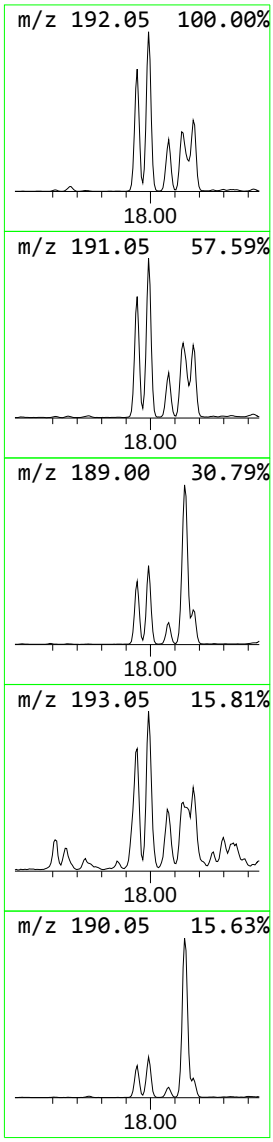
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.945	8.72 ng/ul	2520920	Phenanthrene-d10	17.069

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	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Sample : P2591-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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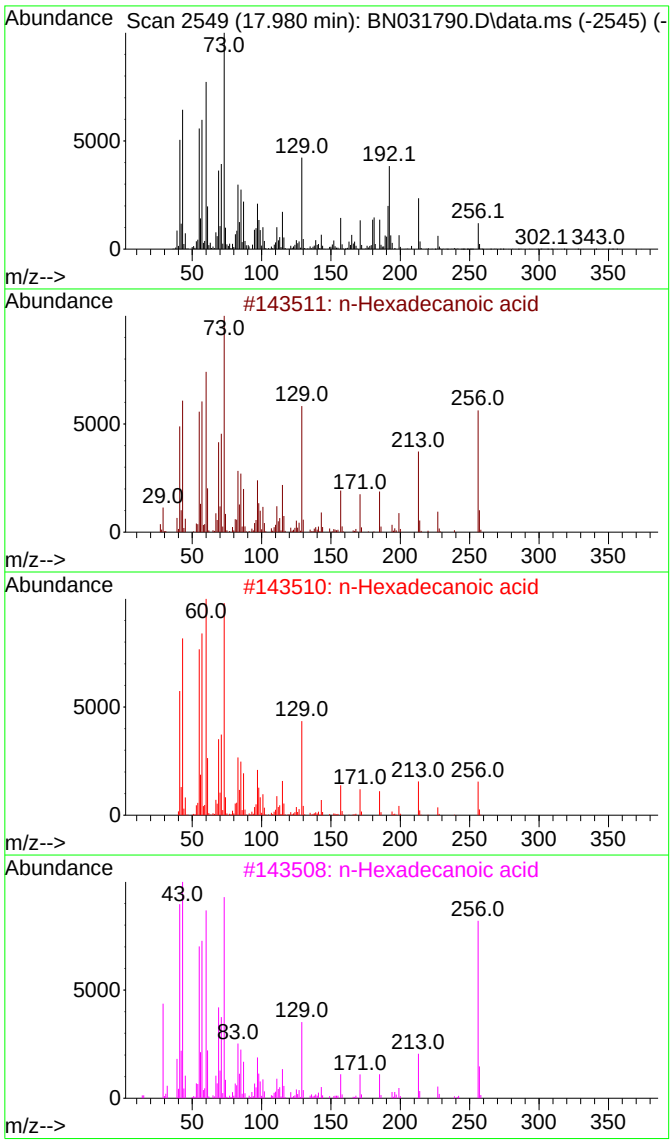
Quant Title : SVOA CALIBRATION

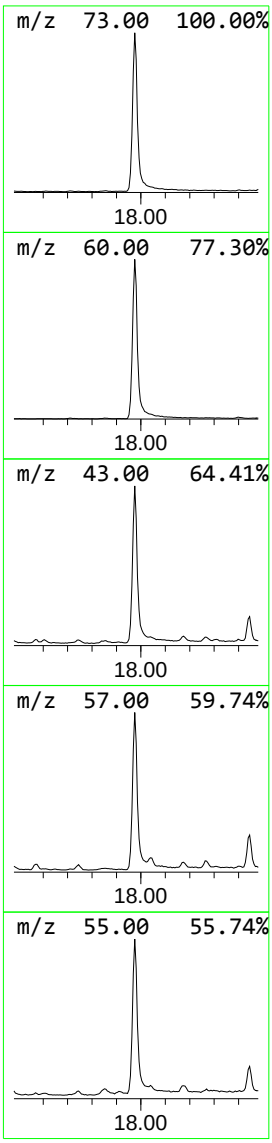
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	25.58 ng/ul	7399910	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





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ClientSampleId :
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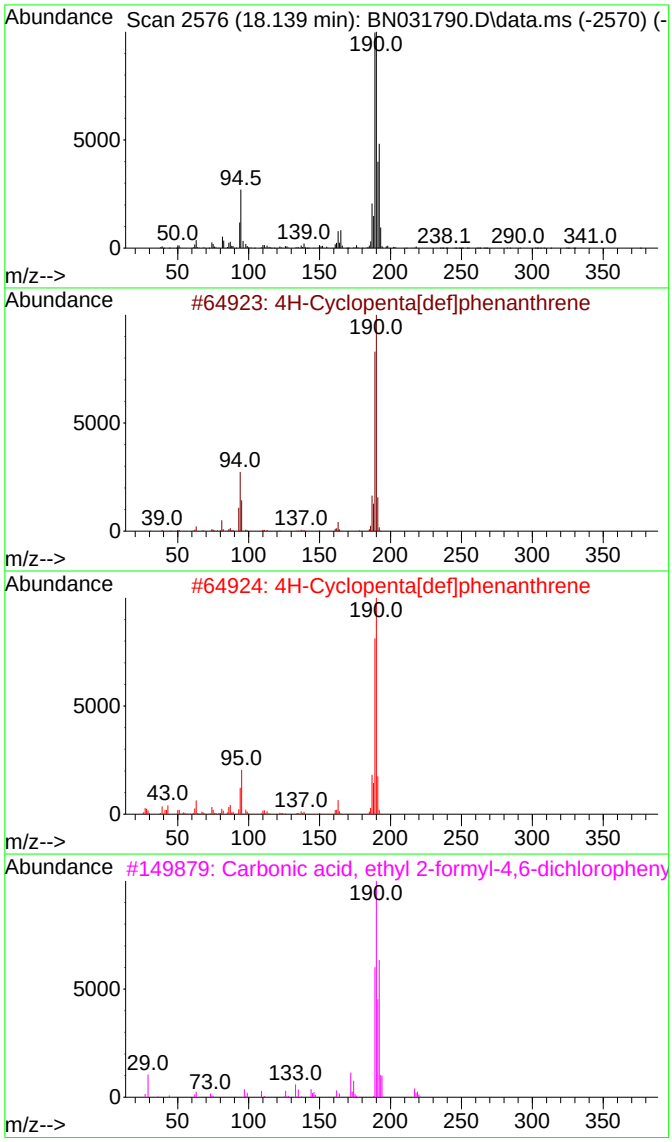
Quant Title : SVOA CALIBRATION

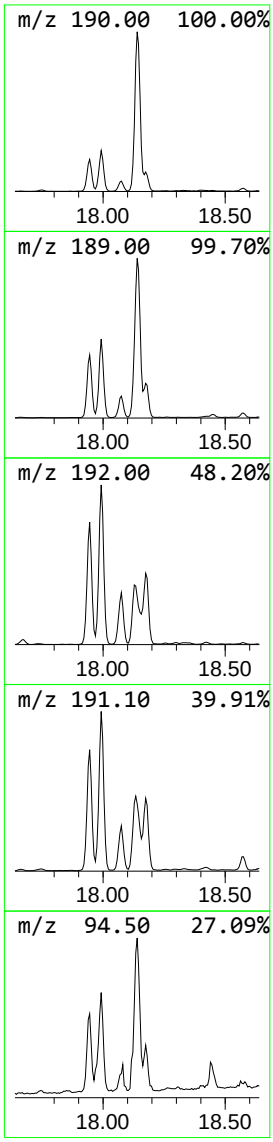
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	12.68 ng/ul	3668960	Phenanthrene-d10	17.069

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	60
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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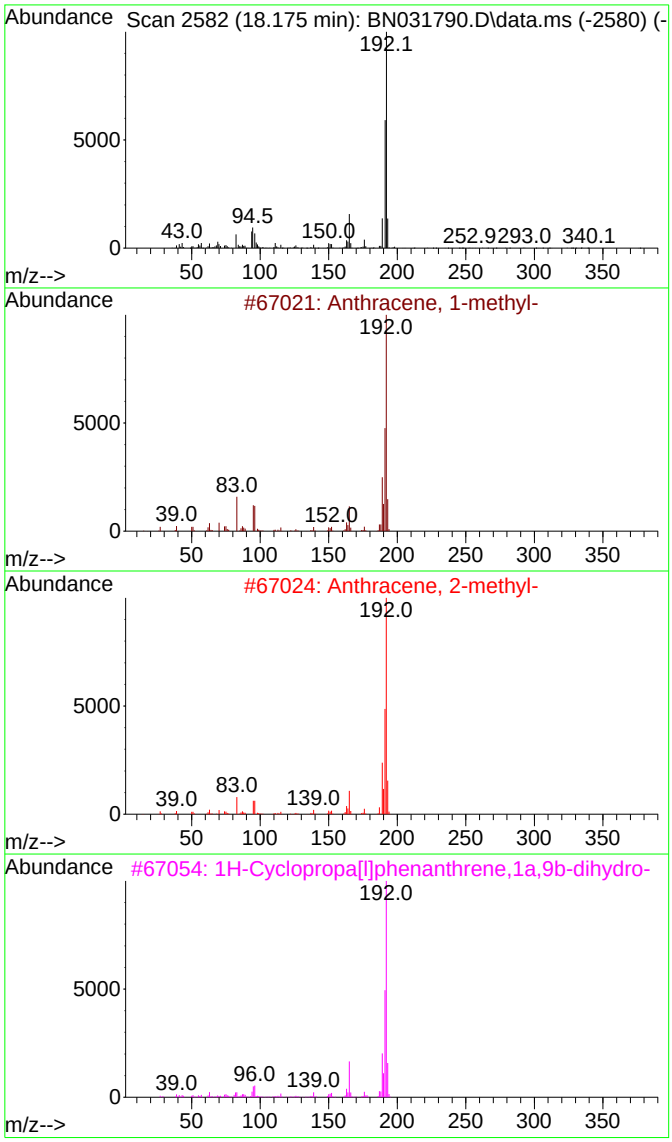
Quant Title : SVOA CALIBRATION

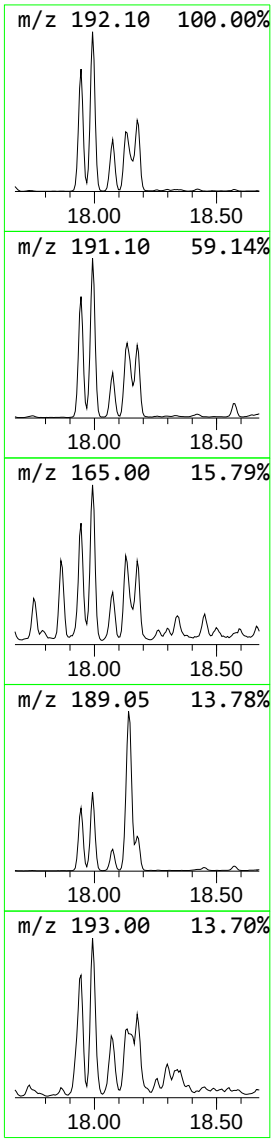
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.175	4.61 ng/ul	1332270	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83





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Sample : P2591-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

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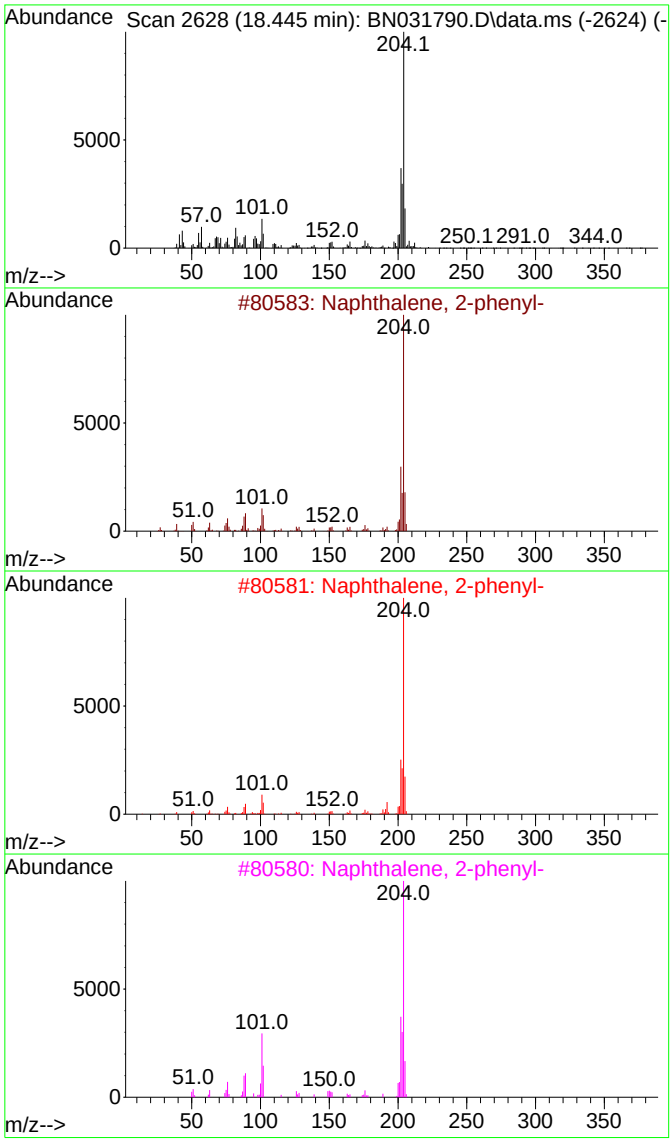
Quant Title : SVOA CALIBRATION

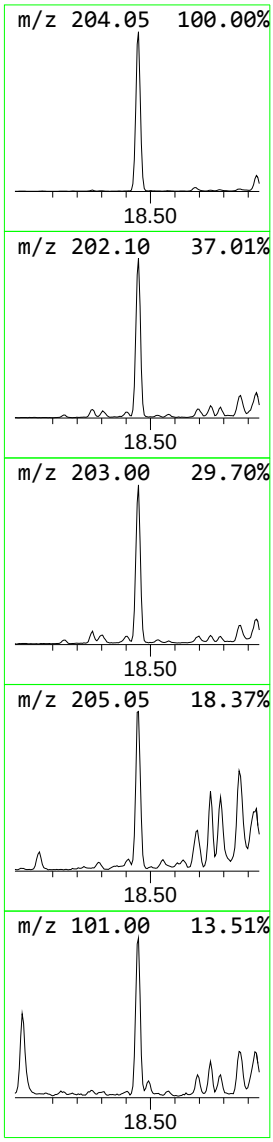
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	8.00 ng/ul	2315220	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Acq On : 05 Jun 2024 00:08
Operator : MA/JU
Sample : P2591-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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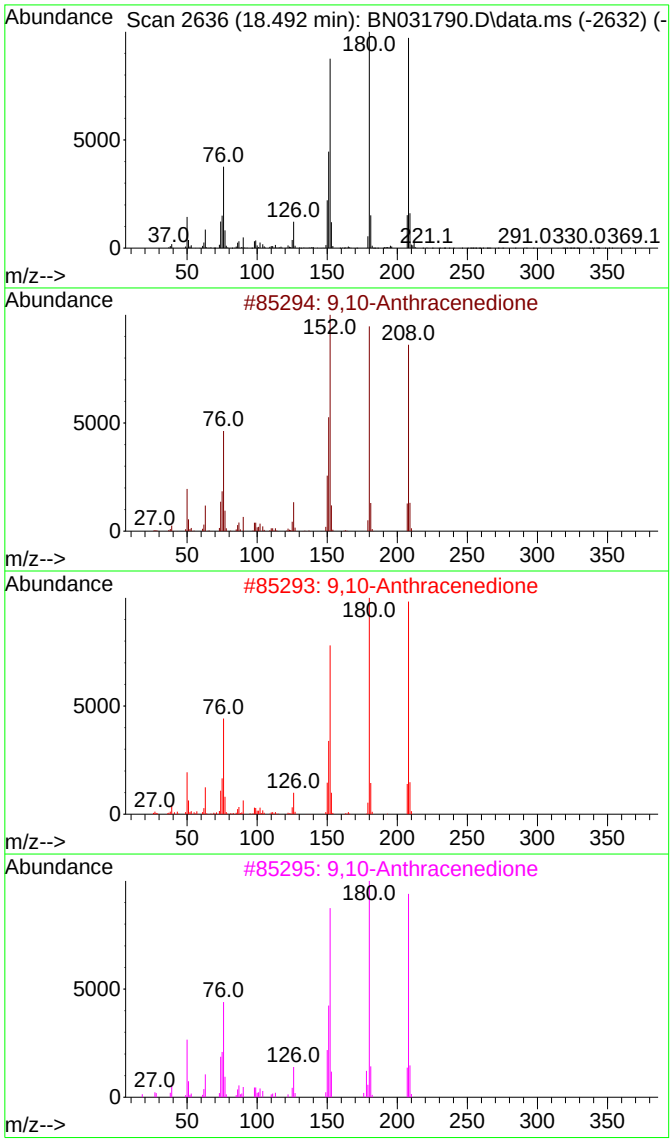
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

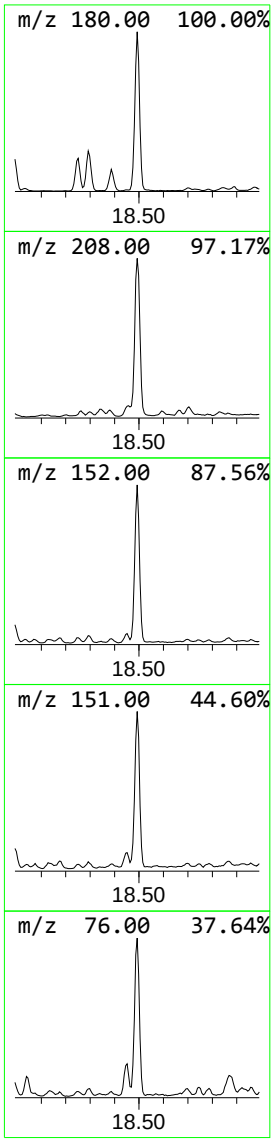
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.492	7.27 ng/ul	2102090	Phenanthrene-d10	17.069

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	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91





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Sample : P2591-15
Misc :
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ClientSampleId :
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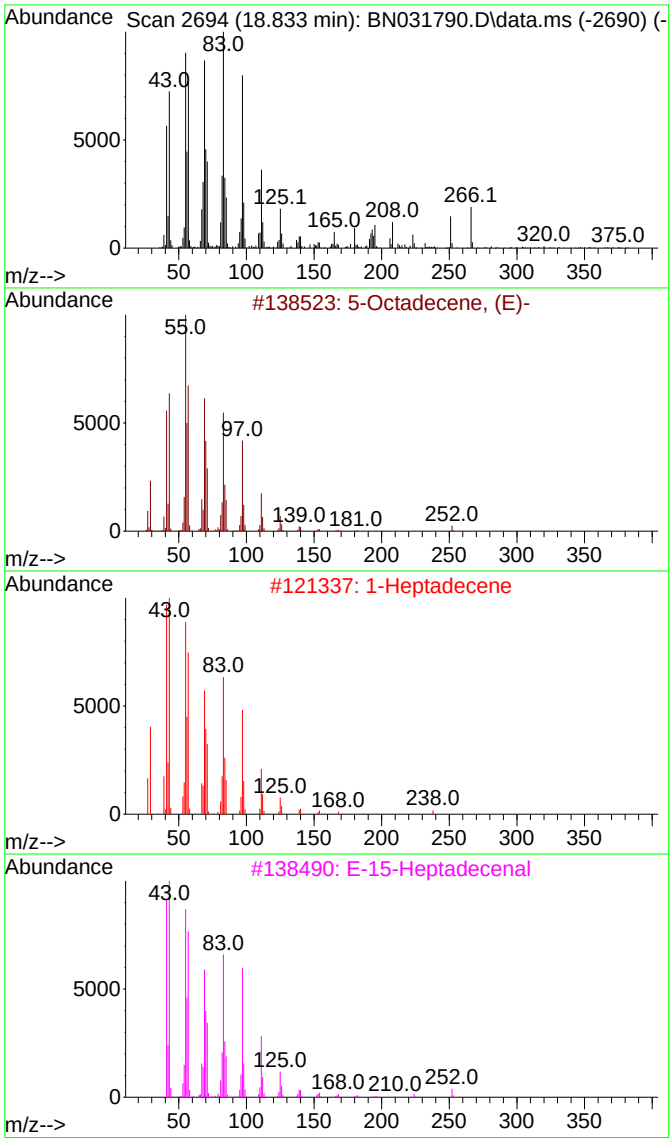
Quant Title : SVOA CALIBRATION

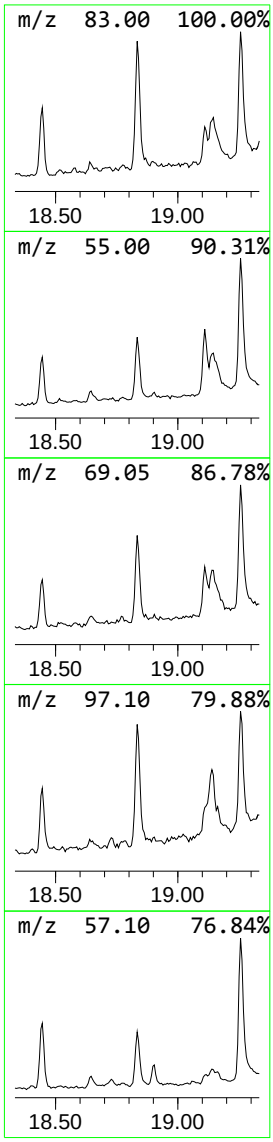
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.833	2.29 ng/ul	661046	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	99
2	1-Heptadecene	238	C17H34	006765-39-5	98
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	96
4	1-Octadecene	252	C18H36	000112-88-9	95
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	93





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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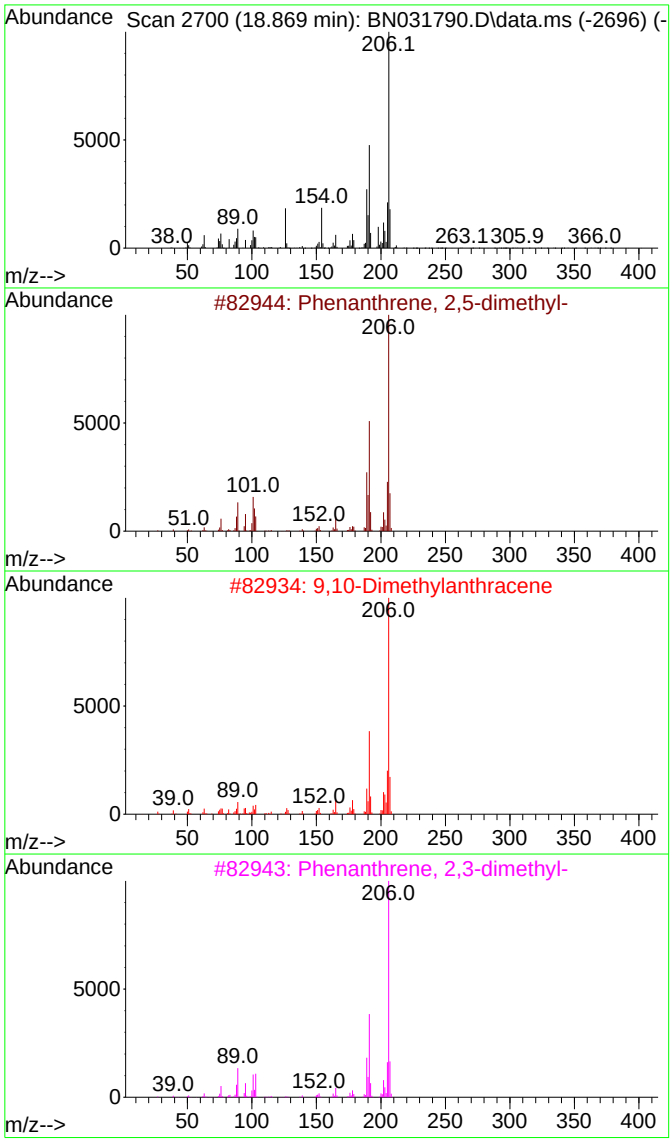
Quant Title : SVOA CALIBRATION

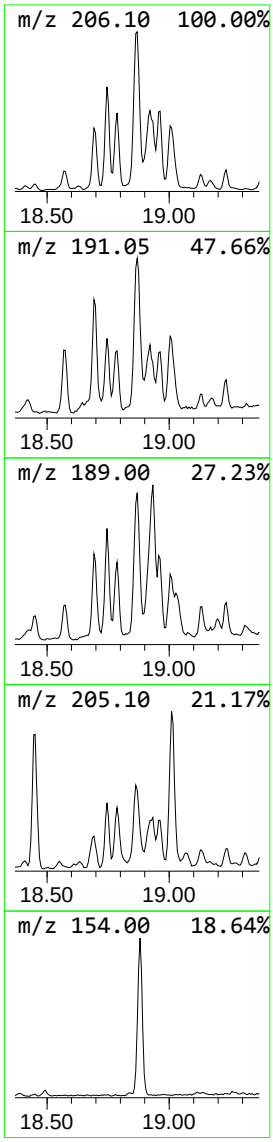
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.869	3.67 ng/ul	1062480	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





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Sample : P2591-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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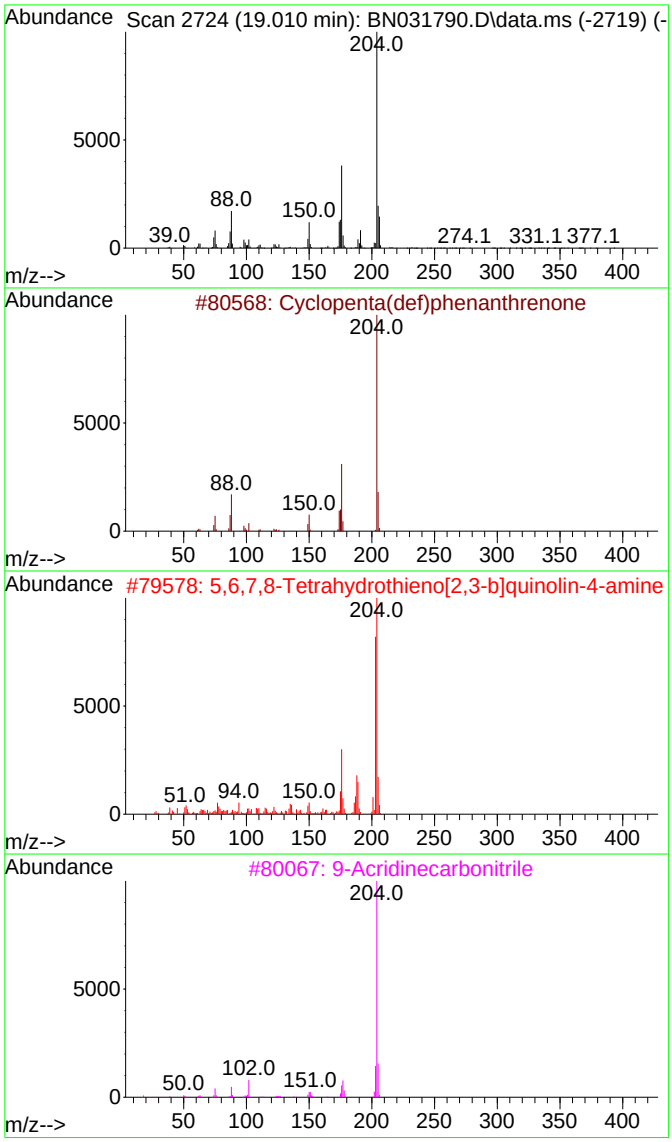
Quant Title : SVOA CALIBRATION

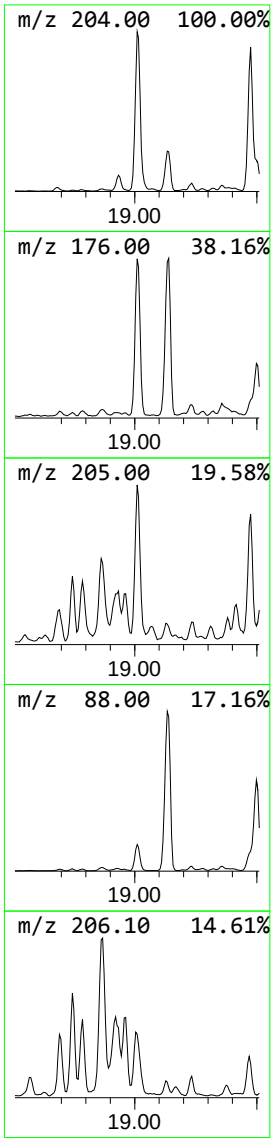
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.010	7.54 ng/ul	2181050	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
4	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	47
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	46





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ClientSampleId :
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Quant Title : SVOA CALIBRATION

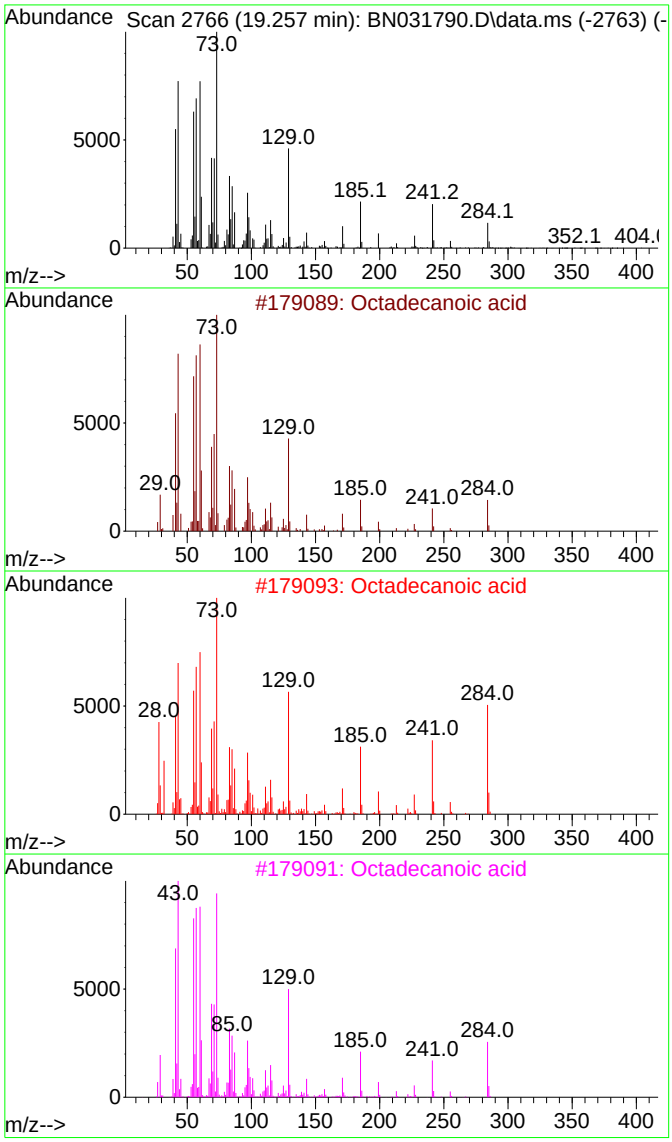
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

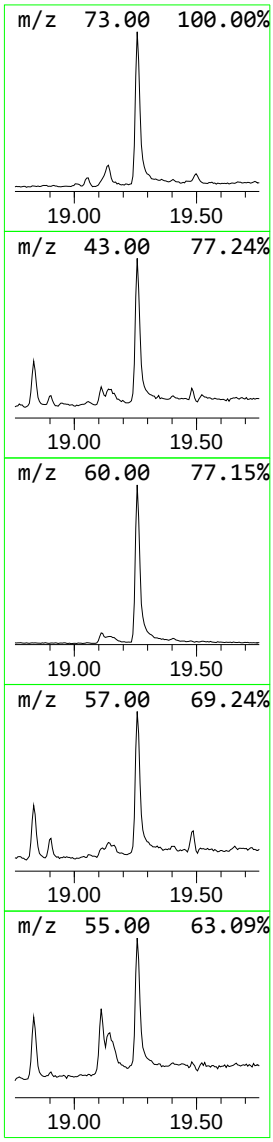
****

Peak Number 21 Octadecanoic acid Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.257	2.12 ng/ul	1925130	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	87





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Misc :
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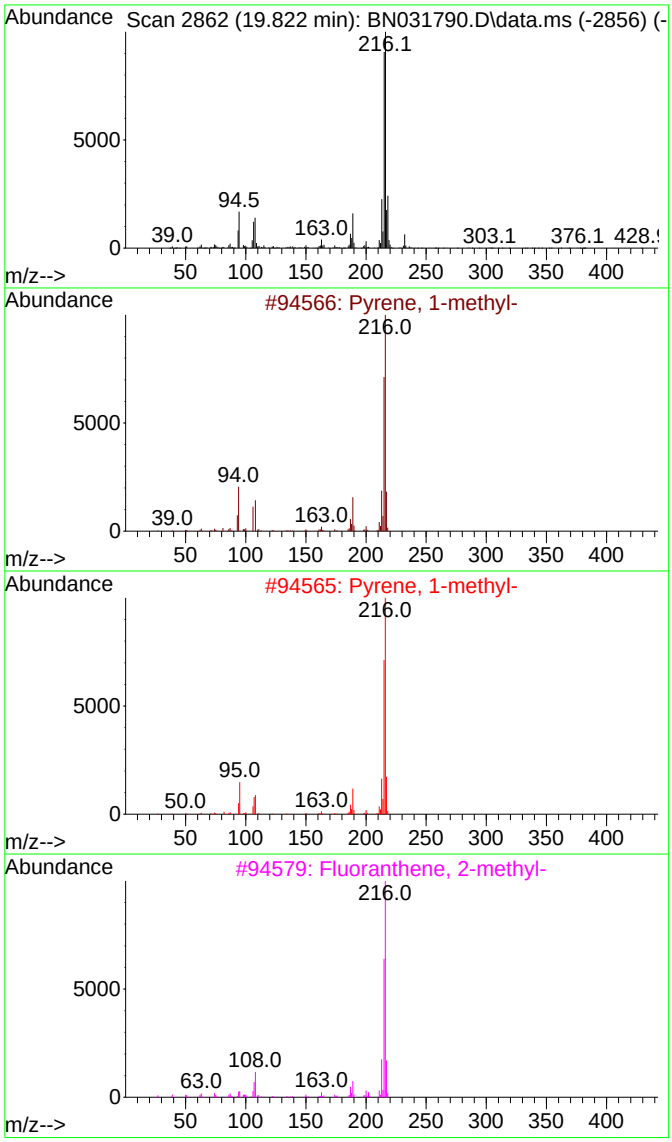
Quant Title : SVOA CALIBRATION

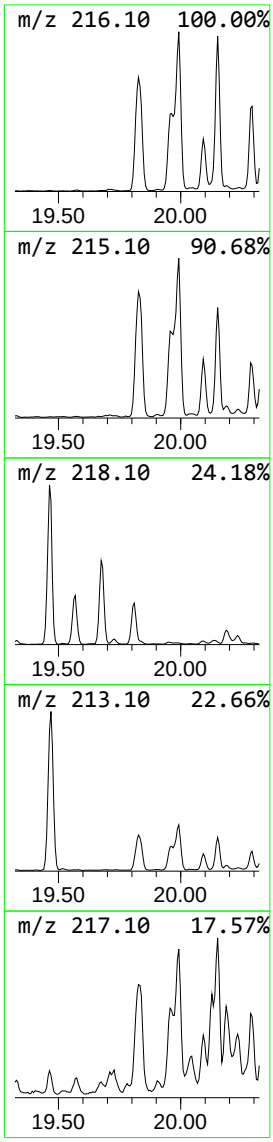
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.822	2.83 ng/ul	2578460	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89





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Sample : P2591-15
Misc :
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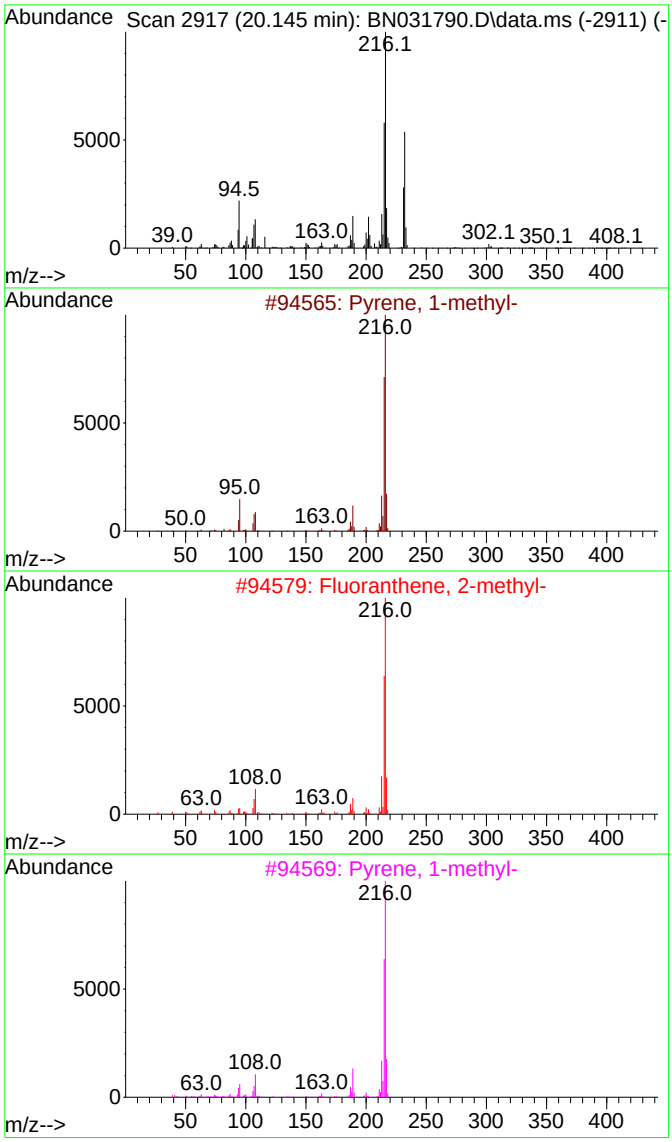
Quant Title : SVOA CALIBRATION

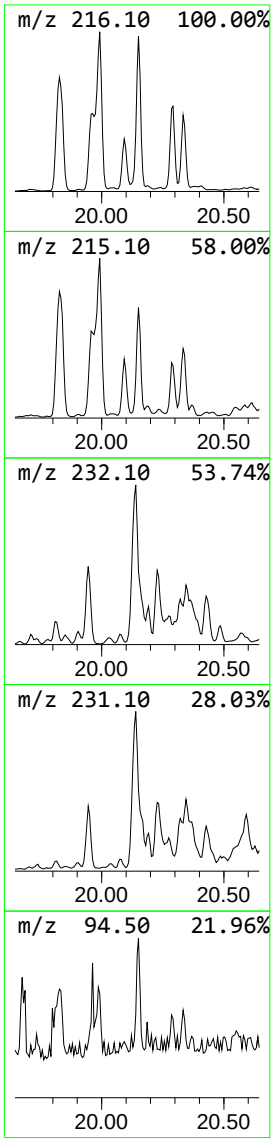
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.145	2.61 ng/ul	2380050	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90





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Sample : P2591-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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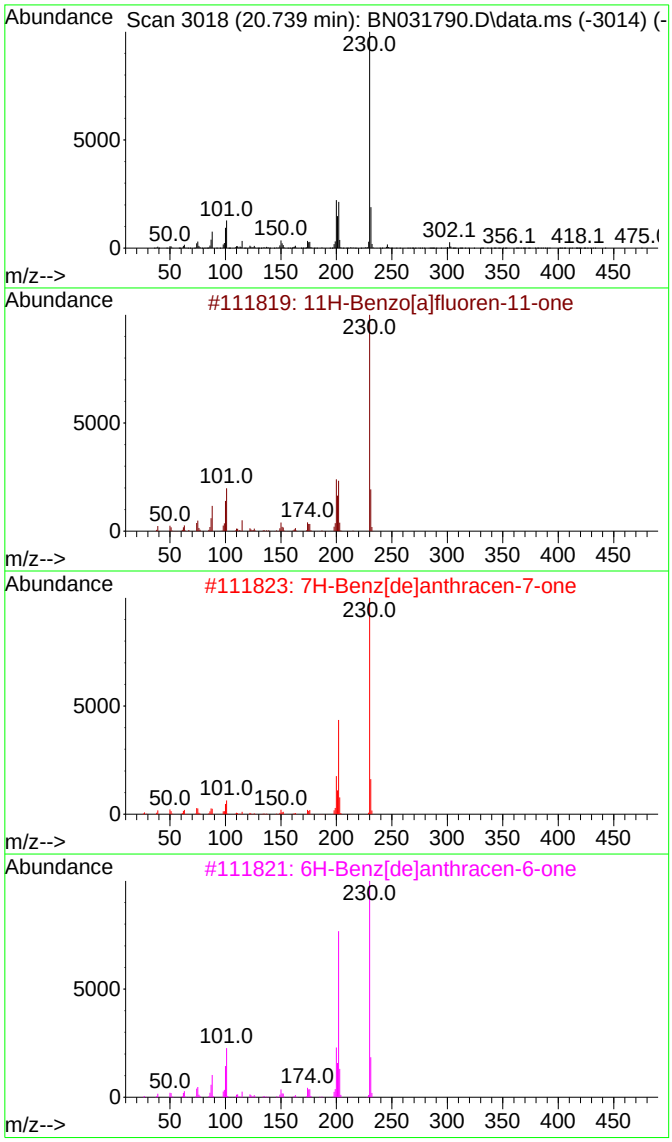
Quant Title : SVOA CALIBRATION

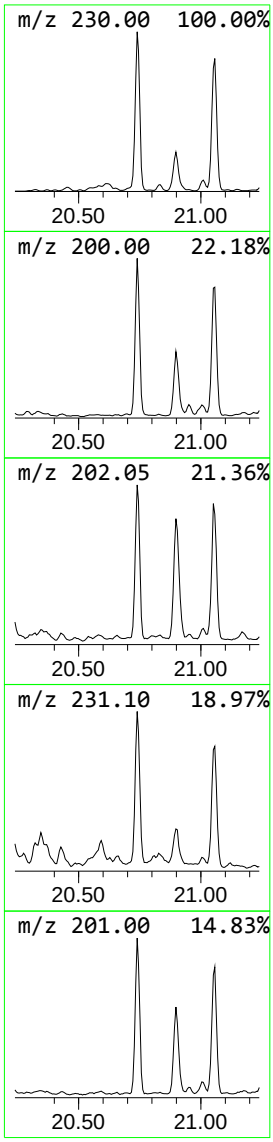
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.739	4.15 ng/ul	3781410	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	91
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





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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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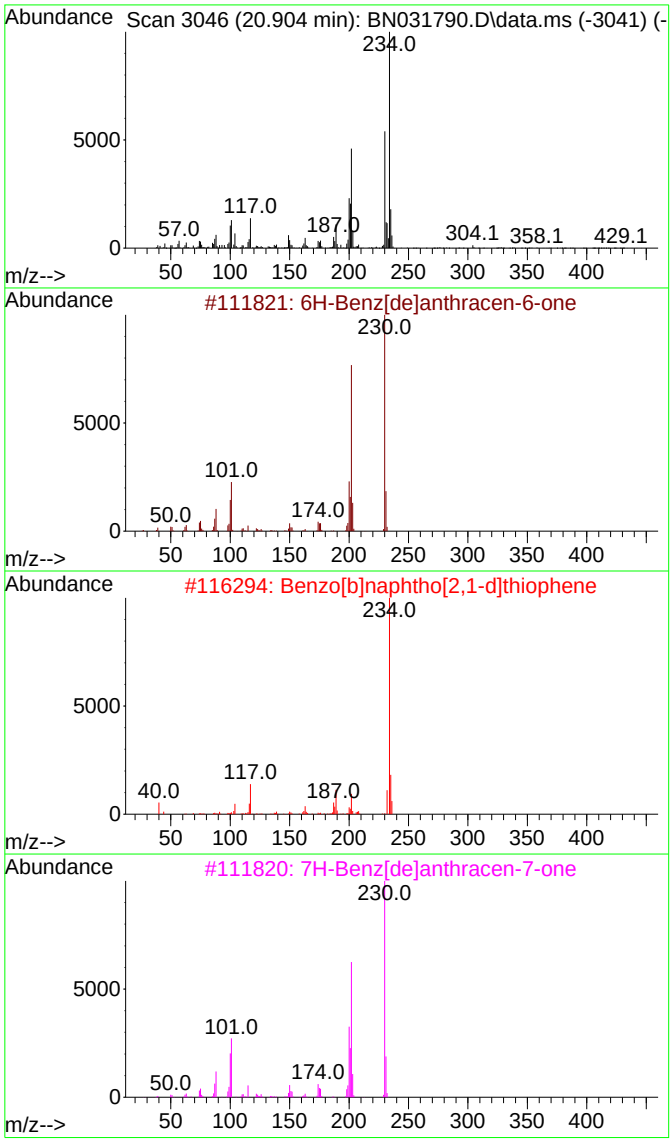
Quant Title : SVOA CALIBRATION

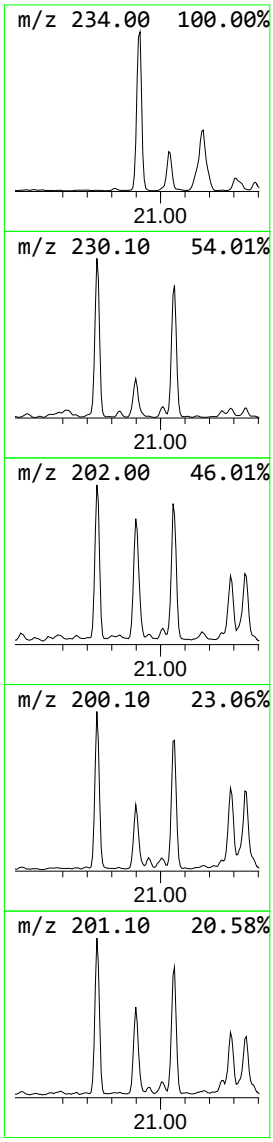
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 6H-Benz[de]anthracen-6-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.904	3.36 ng/ul	3061960	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	95
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
4	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	64
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	62





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Quant Title : SVOA CALIBRATION

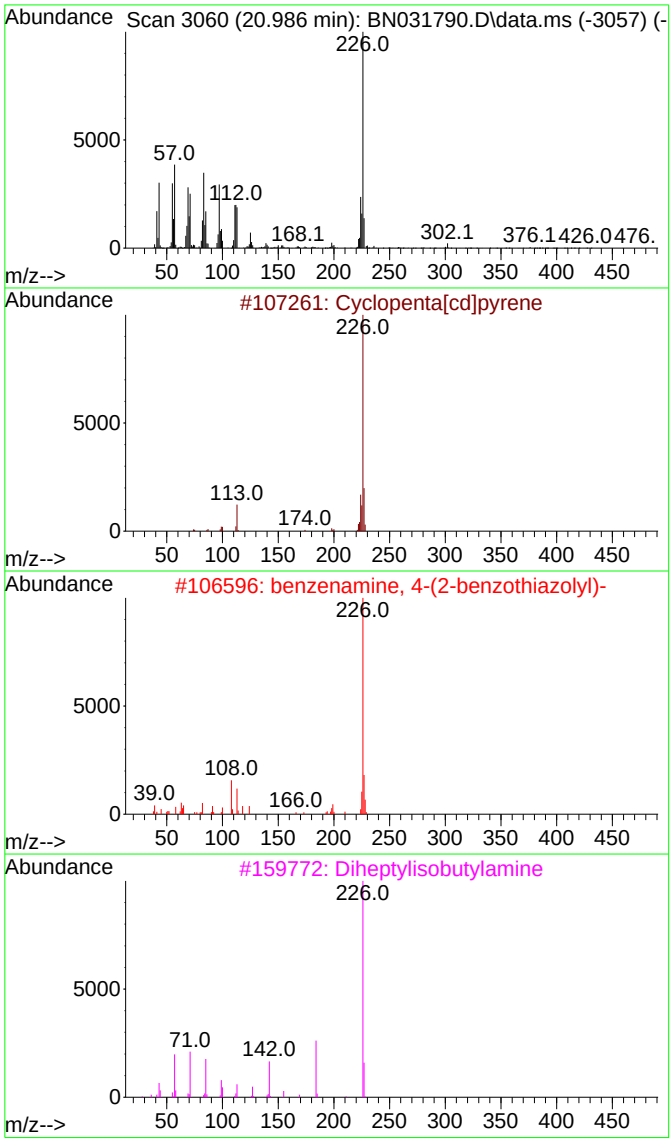
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

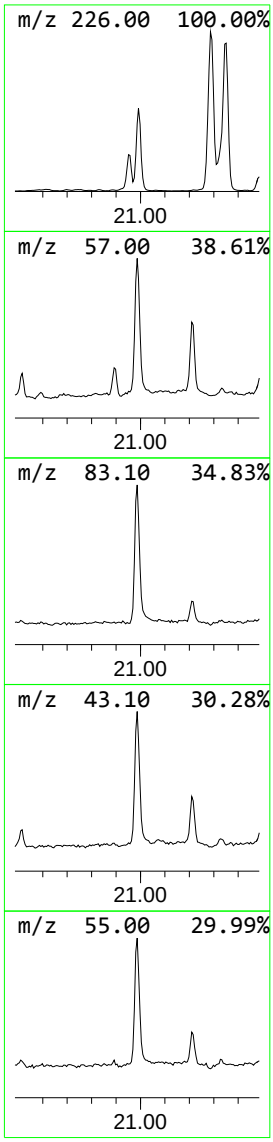
****

Peak Number 26 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.986	4.73 ng/ul	4304930	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	49
2	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	43
3	Diheptylisobutylamine	269	C18H39N	1000310-32-0	38
4	4-Amino-5-(4-chlorophenyl)-4H-1,...	226	C8H7ClN4S	1010476-96-9	32
5	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	27





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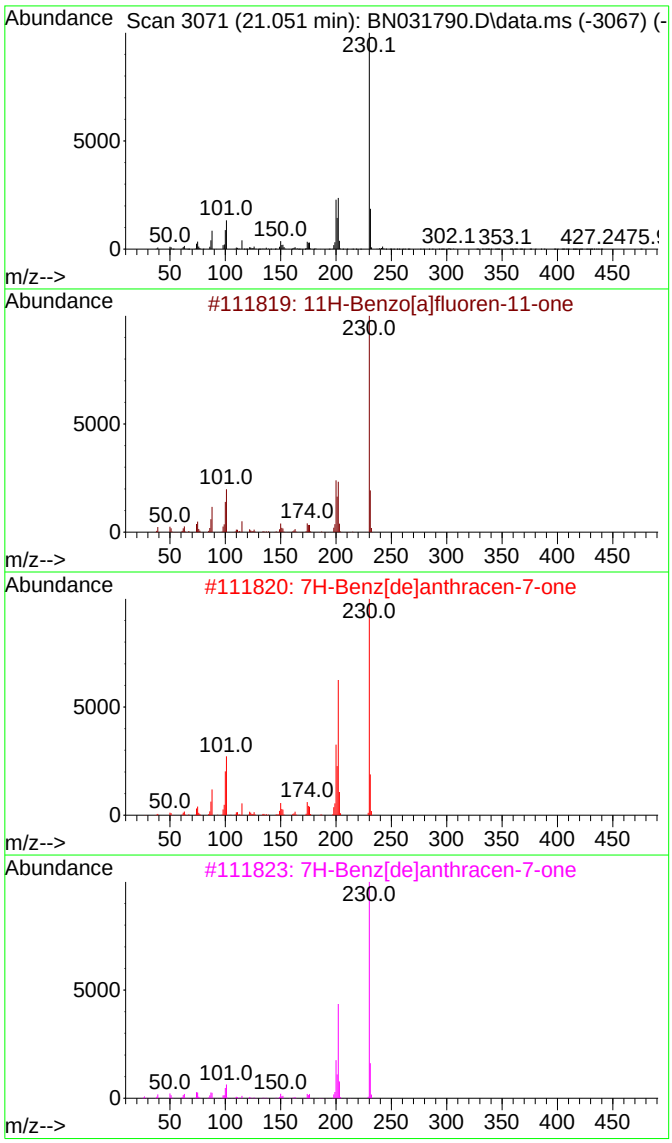
Quant Title : SVOA CALIBRATION

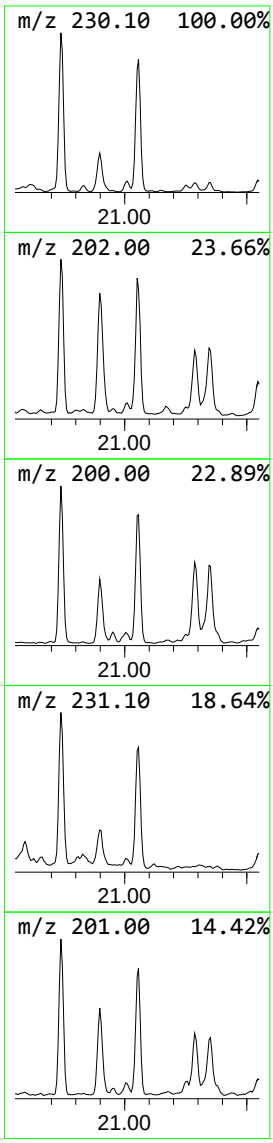
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 7H-Benz[de]anthracen-7-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	4.18 ng/ul	3808160	Chrysene-d12	21.304

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	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	76





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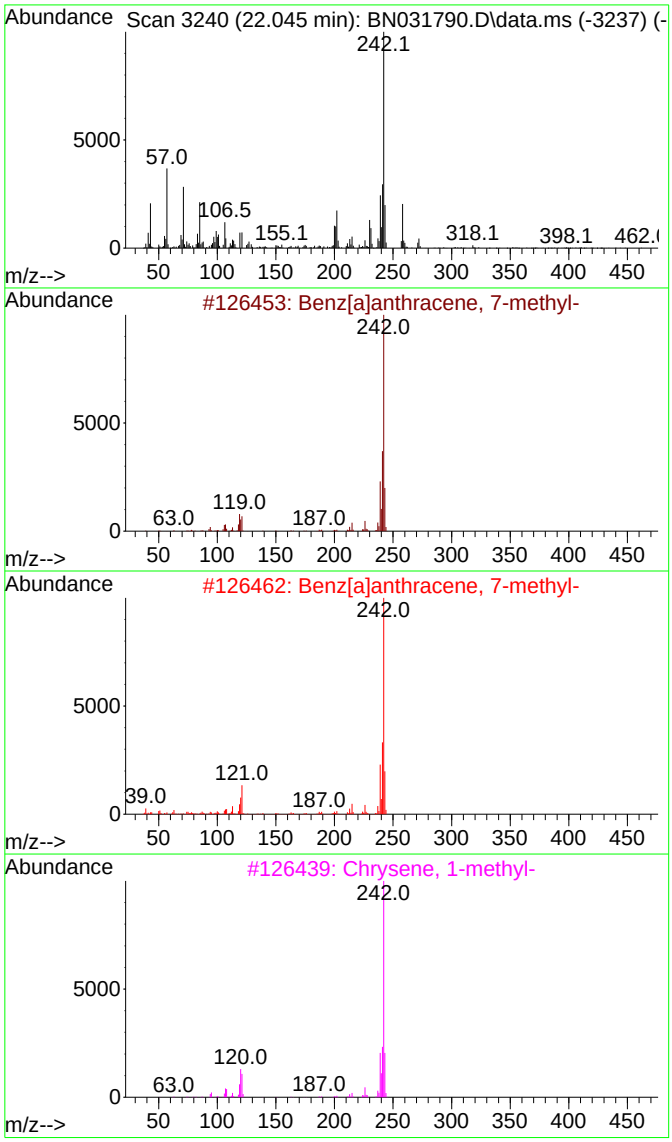
Quant Title : SVOA CALIBRATION

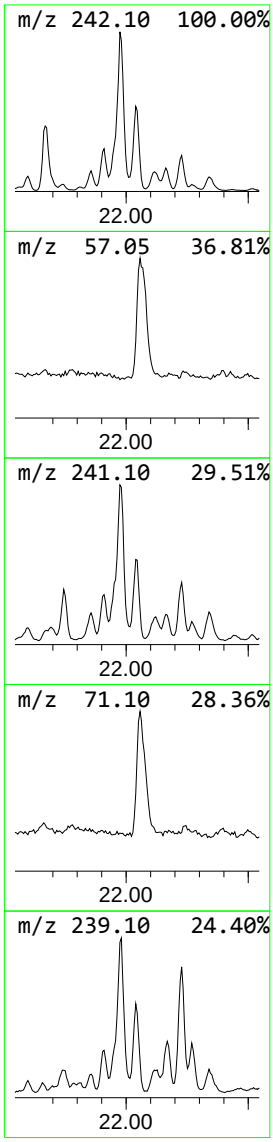
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benz[a]anthracene, 7-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.045	2.19 ng/ul	1993070	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	92
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	83
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	70
4	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	64
5	Benz[a]anthracene, 5-methyl-	242	C19H14	002319-96-2	60





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Data File : BN031790.D
Acq On : 05 Jun 2024 00:08
Operator : MA/JU
Sample : P2591-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

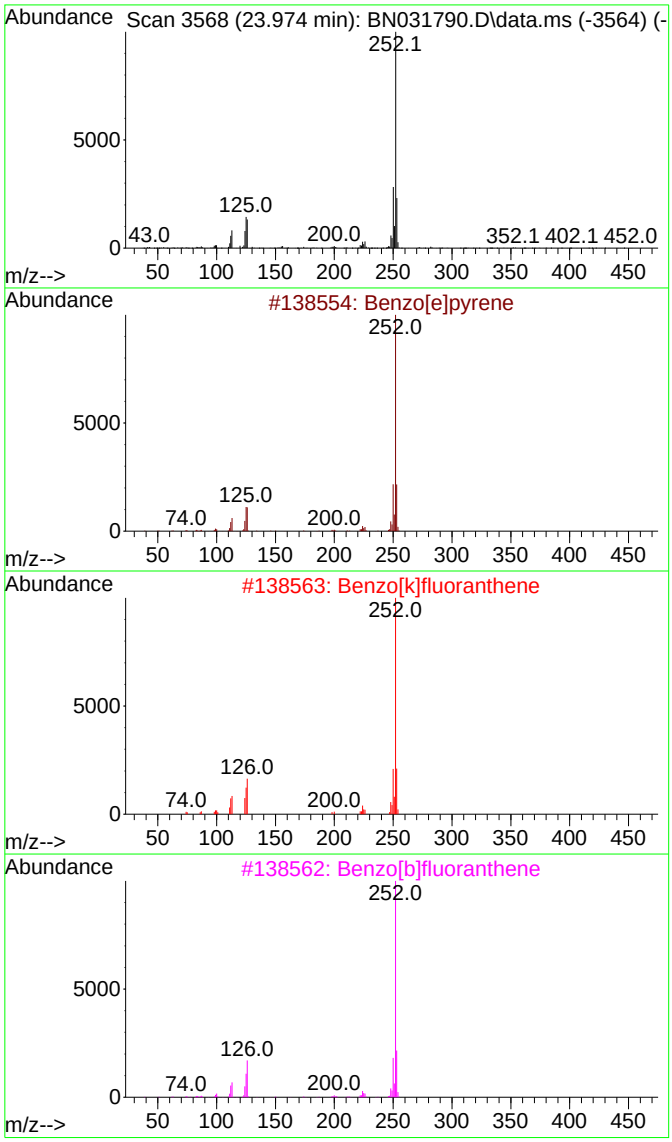
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

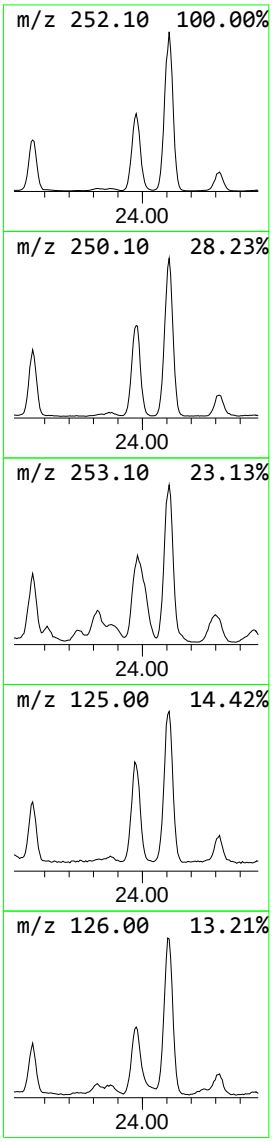
****

Peak Number 29 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.974	7.20 ng/ul	1449280	Perylene-d12	24.245

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	Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	98
5	Perylene	252	C20H12	000198-55-0	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031790.D
Acq On : 05 Jun 2024 00:08
Operator : MA/JU
Sample : P2591-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ6

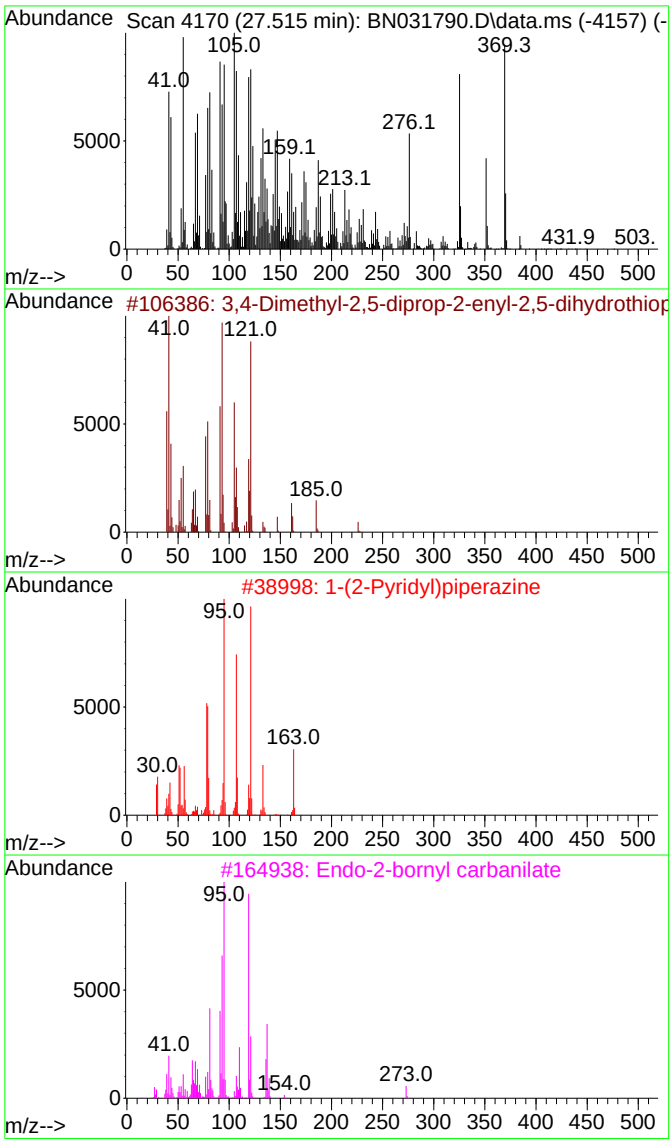
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

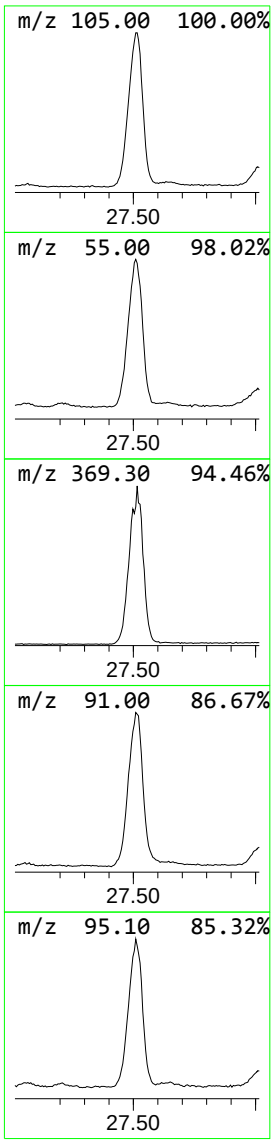
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 3,4-Dimethyl-2,5-diprop-2-e... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.515	128.35 ng/ul	25826900	Perylene-d12	24.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethyl-2,5-diprop-2-enyl-2...	226	C12H18O2S	1000305-59-5	53
2	1-(2-Pyridyl)piperazine	163	C9H13N3	034803-66-2	22
3	Endo-2-bornyl carbanilate	273	C17H23NO2	006907-15-9	18
4	6-Fluoro-4-hydroxy-N-[(4-methoxy...	326	C18H15FN2O3	1000409-40-1	15
5	Cycloheptane, 4-methylene-1-meth...	204	C15H24	1010159-38-5	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031790.D
Acq On : 05 Jun 2024 00:08
Operator : MA/JU
Sample : P2591-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBQ6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.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
1-Phenoxypropan...	11.204	2.2	ng/ul	508470	2	10.463	4681330	20.0
Dibenzofuran, 4...	15.663	2.6	ng/ul	774566	3	14.322	5950570	20.0
[1,1'-Biphenyl]...	15.810	3.0	ng/ul	861583	4	17.069	5785080	20.0
(DEL) Alkane: S...	16.039	2.5	ng/ul	725430	4	17.069	5785080	20.0
Tetradecanoic acid	16.481	3.8	ng/ul	1105070	4	17.069	5785080	20.0
9H-Fluoren-9-one	16.728	7.6	ng/ul	2206850	4	17.069	5785080	20.0
3'-Methyl-[1,1'...	16.798	2.5	ng/ul	718958	4	17.069	5785080	20.0
Dibenzothiophene	16.886	4.7	ng/ul	1352310	4	17.069	5785080	20.0
Phenanthridine	17.257	2.4	ng/ul	678646	4	17.069	5785080	20.0
Naphthalene, 1-...	17.592	2.0	ng/ul	583315	4	17.069	5785080	20.0
Anthrone	17.651	2.4	ng/ul	682420	4	17.069	5785080	20.0
Phenanthrene, 2...	17.945	8.7	ng/ul	2520920	4	17.069	5785080	20.0
n-Hexadecanoic ...	17.980	25.6	ng/ul	7399910	4	17.069	5785080	20.0
4H-Cyclopenta[d...	18.139	12.7	ng/ul	3668960	4	17.069	5785080	20.0
Anthracene, 1-m...	18.175	4.6	ng/ul	1332270	4	17.069	5785080	20.0
Naphthalene, 2-...	18.445	8.0	ng/ul	2315220	4	17.069	5785080	20.0
9,10-Anthracene...	18.492	7.3	ng/ul	2102090	4	17.069	5785080	20.0
(DEL) Alkane: S...	18.833	2.3	ng/ul	661046	4	17.069	5785080	20.0
Phenanthrene, 2...	18.869	3.7	ng/ul	1062480	4	17.069	5785080	20.0
Cyclopenta(def)...	19.010	7.5	ng/ul	2181050	4	17.069	5785080	20.0
Octadecanoic acid	19.257	2.1	ng/ul	1925130	5	21.304	18204000	20.0
Pyrene, 1-methyl-	19.822	2.8	ng/ul	2578460	5	21.304	18204000	20.0
Fluoranthene, 2...	20.145	2.6	ng/ul	2380050	5	21.304	18204000	20.0
11H-Benzo[a]flu...	20.739	4.2	ng/ul	3781410	5	21.304	18204000	20.0
6H-Benz[de]anth...	20.904	3.4	ng/ul	3061960	5	21.304	18204000	20.0
unknown-01	20.986	4.7	ng/ul	4304930	5	21.304	18204000	20.0
7H-Benz[de]anth...	21.051	4.2	ng/ul	3808160	5	21.304	18204000	20.0
Benz[a]anthrace...	22.045	2.2	ng/ul	1993070	5	21.304	18204000	20.0
Benzo[e]pyrene	23.974	7.2	ng/ul	1449280	6	24.245	4024440	20.0
3,4-Dimethyl-2,...	27.515	128.3	ng/ul	25826900	6	24.245	4024440	20.0