LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031254.D
Acq On : 26 Apr 2024 21:43
Operator : MA/JU
Sample : P2251-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AL2

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-BN041924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN031254.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.546	92	95	118	rBV	501731	763103	4.85%	0.633%
2	5.017	341	345	351	rVB	97144	132909	0.84%	0.110%
3	6.799	637	648	668	rVB	416234	706016	4.48%	0.585%
4	6.969	670	677	688	rBV	1100716	1757213	11.16%	1.457%
5	7.158	701	709	718	rBV	1206093	1865432	11.85%	1.546%
6	7.622	779	788	798	rBV	1230138	1947780	12.37%	1.615%
7	7.987	842	850	857	rBV2	80589	157010	1.00%	0.130%
8	8.328	898	908	917	rVV	1072804	1766090	11.22%	1.464%
9	8.781	978	985	993	rVV	1332438	2178553	13.84%	1.806%
10	9.493	1098	1106	1113	rBV	1112348	1816324	11.54%	1.506%
11	9.622	1118	1128	1131	rBV2	53175	118506	0.75%	0.098%
12	9.816	1149	1161	1170	rBV6	108922	310525	1.97%	0.257%
13	9.899	1170	1175	1179	rVV2	95991	165040	1.05%	0.137%
14	10.028	1189	1197	1205	rBV	1661833	2839147	18.03%	2.353%
15	10.399	1253	1260	1265	rBV	1696994	2928557	18.60%	2.428%
16	10.452	1265	1269	1276	rVB	1014039	1592096	10.11%	1.320%
17	10.546	1276	1285	1299	rBV2	1163511	2337443	14.85%	1.938%
18	10.993	1348	1361	1370	rBV	325368	617114	3.92%	0.512%
19	11.157	1383	1389	1396	rBV3	83999	173557	1.10%	0.144%
20	11.510	1443	1449	1459	rVB	244203	508881	3.23%	0.422%
21	11.728	1478	1486	1495	rBV6	67389	247250	1.57%	0.205%
22	11.822	1497	1502	1507	rVB	105527	175873	1.12%	0.146%
23	11.916	1507	1518	1520	rBV2	48234	118833	0.75%	0.099%
24	11.963	1520	1526	1534	rVV3	188089	364732	2.32%	0.302%
25	12.069	1539	1544	1549	rVB3	65904	114254	0.73%	0.095%
26	12.128	1549	1554	1557	rBV2	70651	125036	0.79%	0.104%
27	12.246	1570	1574	1580	rBV5	140349	329576	2.09%	0.273%
28	12.434	1593	1606	1609	rBV5	150051	409004	2.60%	0.339%
29	12.504	1615	1618	1628	rVB5	85354	189862	1.21%	0.157%
30	12.599	1630	1634	1639	rVV2	86370	125687	0.80%	0.104%
31	12.681	1643	1648	1656	rVV	148065	283087	1.80%	0.235%
32	12.781	1656	1665	1670	rVV3	166613	371552	2.36%	0.308%
33	13.057	1708	1712	1716	rBV2	103607	180258	1.14%	0.149%
34	13.275	1744	1749	1752	rBV6	74876	126107	0.80%	0.105%
35	13.316	1752	1756	1765	rVB2	574287	909564	5.78%	0.754%
36	13.410	1765	1772	1775	rBV2	163815	304957	1.94%	0.253%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031254.D
Acq On : 26 Apr 2024 21:43
Operator : MA/JU
Sample : P2251-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AL2

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-BN041924.MA.M
Title : SVOA CALIBRATION

37	13.457	1775	1780	1786	rVB4	193598	396273	2.52%	0.328%
38	13.598	1798	1804	1812	rBV6	166450	437410	2.78%	0.363%
39	13.693	1812	1820	1826	rVB	2829348	4173227	26.51%	3.459%
40	13.822	1837	1842	1845	rBV2	346377	528852	3.36%	0.438%
41	13.857	1845	1848	1856	rVB3	273584	433978	2.76%	0.360%
42	13.963	1860	1866	1871	rBV	3336796	5156042	32.75%	4.274%
43	14.075	1881	1885	1895	rVB4	161777	293777	1.87%	0.244%
44	14.269	1912	1918	1924	rBV	2433249	3742684	23.77%	3.102%
45	14.340	1924	1930	1936	rVB	9707390	15744588	100.00%	13.051%
46	14.404	1937	1941	1946	rVB4	101297	174517	1.11%	0.145%
47	14.493	1950	1956	1962	rVB	361362	585970	3.72%	0.486%
48	14.581	1966	1971	1975	rVB	312383	426287	2.71%	0.353%
49	14.669	1983	1986	1994	rVB2	140372	242977	1.54%	0.201%
50	14.893	2018	2024	2030	rBV3	155777	290312	1.84%	0.241%
51	15.151	2064	2068	2073	rVB4	86342	143583	0.91%	0.119%
52	15.269	2082	2088	2093	rVV	3900568	5604310	35.60%	4.645%
53	15.322	2093	2097	2104	rVB	3549544	5126781	32.56%	4.250%
54	15.392	2104	2109	2115	rBV	1339326	2061253	13.09%	1.709%
55	15.451	2115	2119	2122	rBV2	316473	450813	2.86%	0.374%
56	15.534	2128	2133	2137	rBV4	223813	333225	2.12%	0.276%
57	15.645	2150	2152	2158	rVB3	119438	164414	1.04%	0.136%
58	15.722	2161	2165	2167	rVV2	114694	199011	1.26%	0.165%
59	15.763	2167	2172	2181	rVB2	525682	1132650	7.19%	0.939%
60	16.004	2208	2213	2222	rVB2	632746	1033000	6.56%	0.856%
61	16.116	2228	2232	2240	rVB	347759	523142	3.32%	0.434%
62	16.204	2242	2247	2251	rBV2	278143	437183	2.78%	0.362%
63	16.281	2257	2260	2265	rBV6	96605	203593	1.29%	0.169%
64	16.328	2265	2268	2273	rVB2	210140	284722	1.81%	0.236%
65	16.381	2273	2277	2282	rBV3	93108	165314	1.05%	0.137%
66	16.475	2290	2293	2298	rVB	97009	108191	0.69%	0.090%
67	16.804	2345	2349	2353	rBV2	295599	471962	3.00%	0.391%
68	16.839	2353	2355	2358	rVB	142203	129572	0.82%	0.107%
69	16.881	2358	2362	2365	rBV	330853	490851	3.12%	0.407%
70	16.922	2365	2369	2377	rVB3	449110	902262	5.73%	0.748%
71	16.986	2377	2380	2381	rBV2	103796	111001	0.71%	0.092%
72	17.022	2381	2386	2391	rVB	2756694	3718597	23.62%	3.082%
73	17.063	2391	2393	2397	rVB	158094	163504	1.04%	0.136%
74	17.122	2397	2403	2407	rBV2	3957091	5745268	36.49%	4.762%
75	17.222	2414	2420	2429	rBV3	269937	562283	3.57%	0.466%
76	17.398	2445	2450	2453	rBV3	387009	637673	4.05%	0.529%

LSC Area Percent Report

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Acq On : 26 Apr 2024 21:43
Operator : MA/JU
Sample : P2251-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AL2

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-BN041924.MA.M
Title : SVOA CALIBRATION

77	17.428	2453	2455	2460	rVB	512065	647819	4.11%	0.537%
78	17.592	2480	2483	2487	rBV3	88205	131382	0.83%	0.109%
79	17.663	2491	2495	2496	rBV2	143360	170859	1.09%	0.142%
80	17.869	2526	2530	2536	rBV2	315162	546942	3.47%	0.453%
81	17.928	2536	2540	2549	rVV3	890539	1730582	10.99%	1.434%
82	18.028	2552	2557	2563	rVB2	507220	734966	4.67%	0.609%
83	18.092	2563	2568	2574	rBV	663544	977770	6.21%	0.810%
84	18.292	2598	2602	2606	rBV2	187443	255896	1.63%	0.212%
85	18.345	2607	2611	2617	rVB2	188936	314191	2.00%	0.260%
86	18.404	2618	2621	2624	rBV	178657	265773	1.69%	0.220%
87	18.986	2716	2720	2724	rVB	210770	261467	1.66%	0.217%
88	19.057	2725	2732	2733	rVV3	125077	261135	1.66%	0.216%
89	19.086	2733	2737	2744	rVB	1280040	1647038	10.46%	1.365%
90	19.216	2755	2759	2765	rBV2	216179	298745	1.90%	0.248%
91	19.428	2788	2795	2798	rBV	4149359	5998857	38.10%	4.973%
92	19.775	2852	2854	2861	rVB3	95527	143002	0.91%	0.119%
93	19.839	2861	2865	2867	rBV	219718	314936	2.00%	0.261%
94	19.916	2874	2878	2890	rVB	816245	1242108	7.89%	1.030%
95	20.528	2978	2982	2983	rBV2	113867	150591	0.96%	0.125%
96	20.557	2983	2987	2997	rVB2	528441	867442	5.51%	0.719%
97	20.963	3052	3056	3061	rVB	159376	225645	1.43%	0.187%
98	21.257	3100	3106	3117	rBV2	2171953	3149524	20.00%	2.611%
99	23.957	3556	3565	3576	rVB2	1942825	4645698	29.51%	3.851%
100	24.151	3590	3598	3611	rVB	1270869	3069818	19.50%	2.545%

Sum of corrected areas: 120640166

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031254.D
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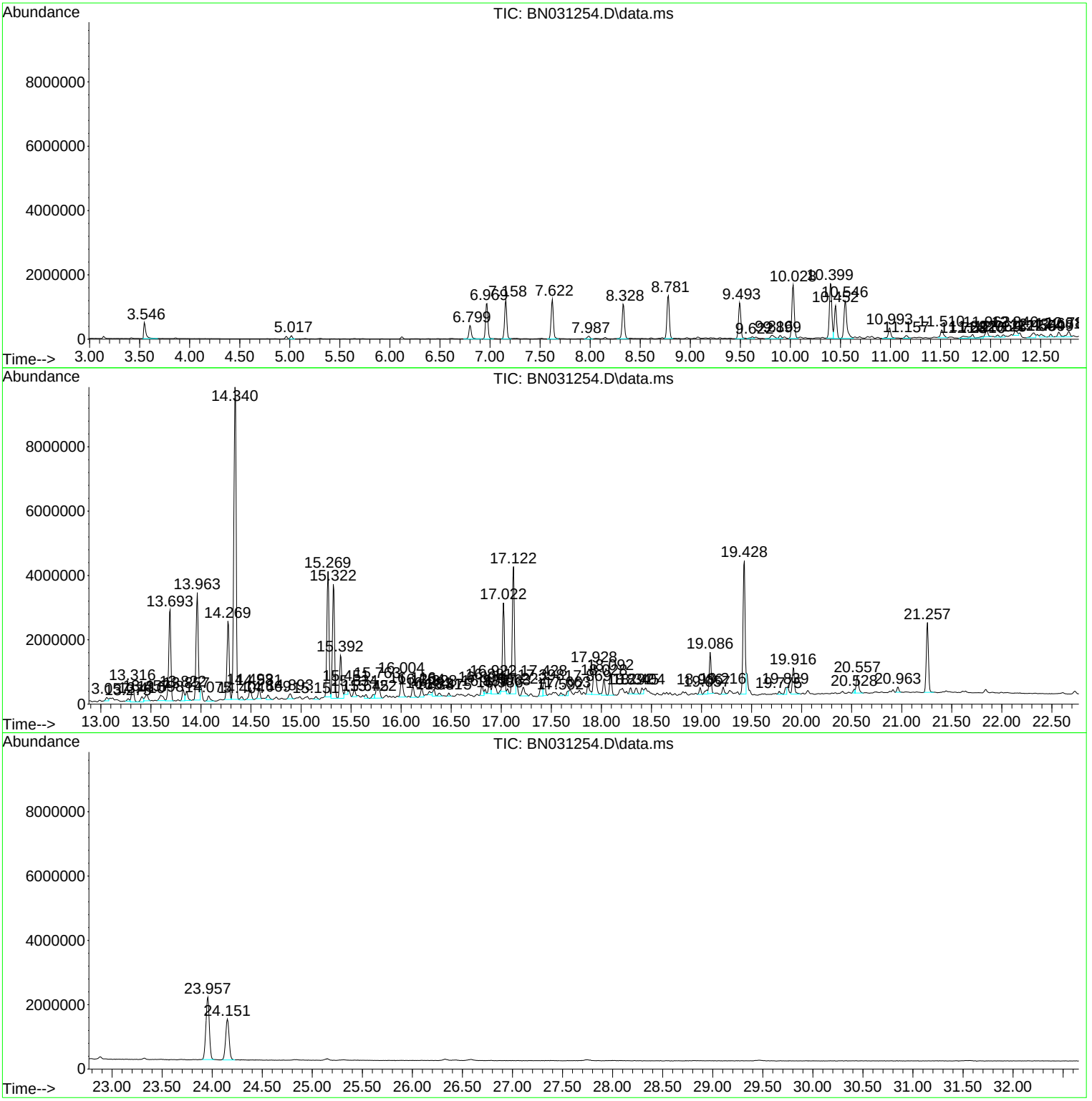
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.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\BN042624\
Data File : BN031254.D
Acq On : 26 Apr 2024 21:43
Operator : MA/JU
Sample : P2251-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AL2

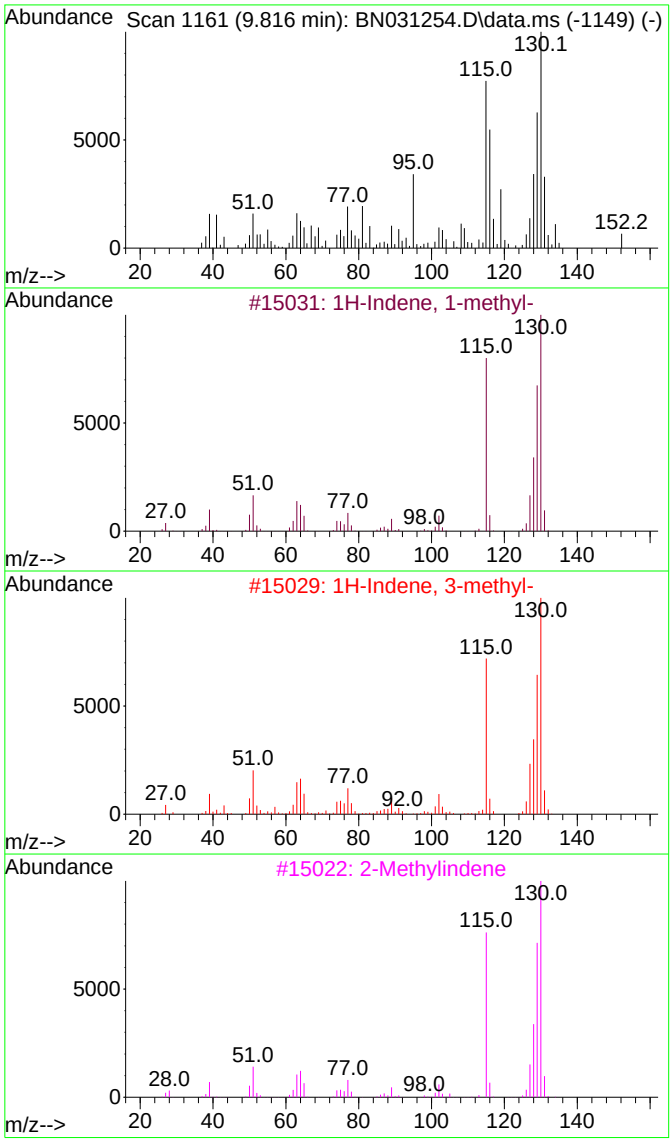
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

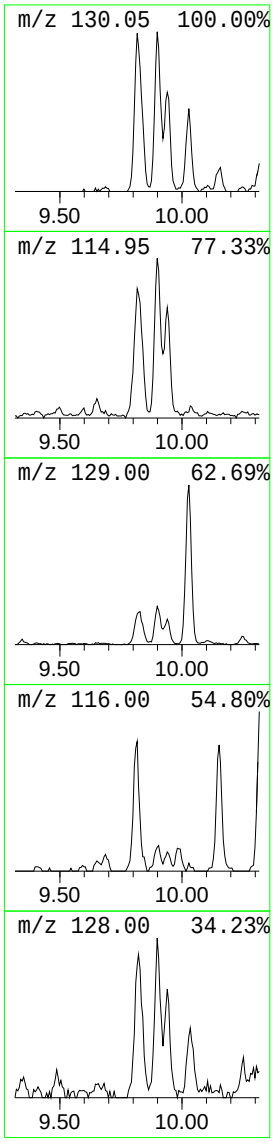
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1H-Indene, 1-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.816	2.12 ng/ul	310525	Naphthalene-d8	10.399

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	91
2	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	90
3	2-Methylindene	130	C10H10	002177-47-1	64
4	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	64
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031254.D
Acq On : 26 Apr 2024 21:43
Operator : MA/JU
Sample : P2251-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AL2

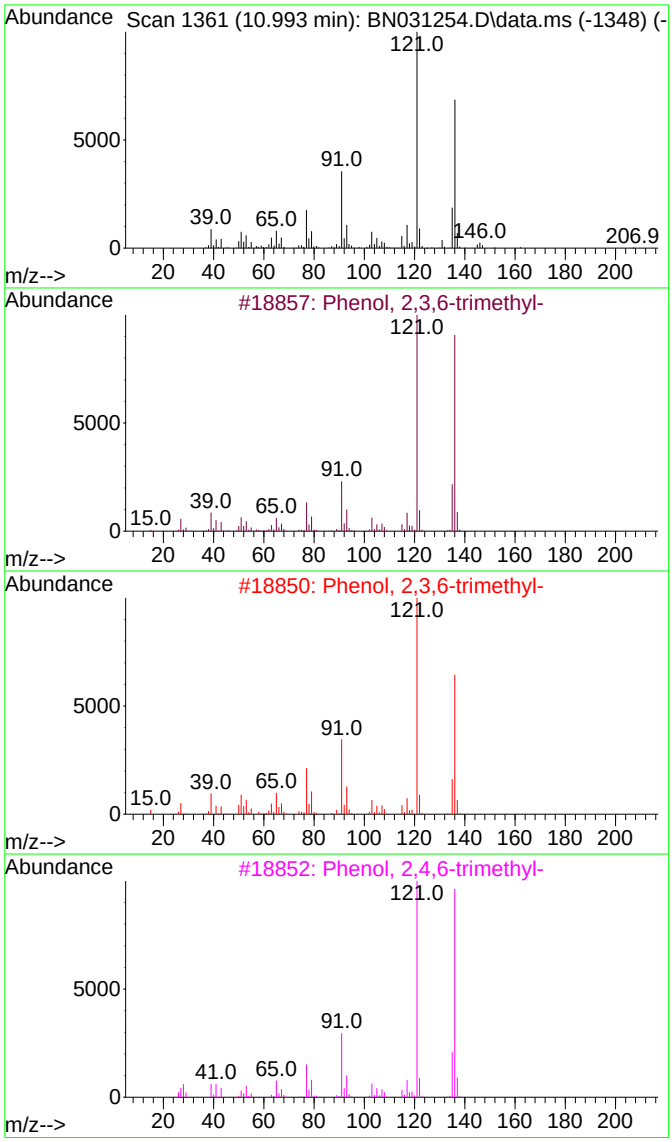
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

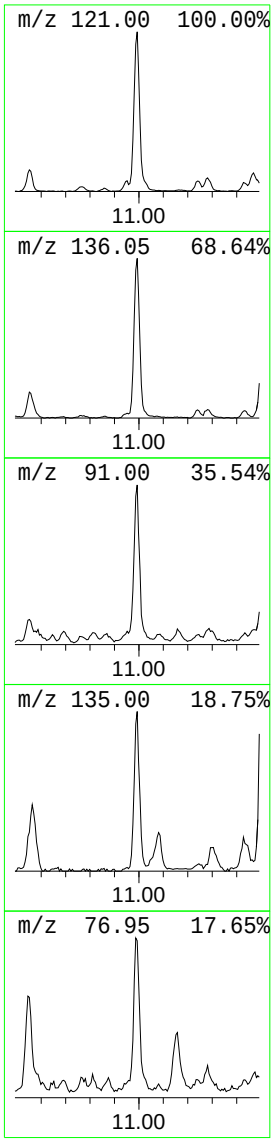
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenol, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.993	4.21 ng/ul	617114	Naphthalene-d8	10.399

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	97
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	97
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	97
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	94
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031254.D
Acq On : 26 Apr 2024 21:43
Operator : MA/JU
Sample : P2251-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AL2

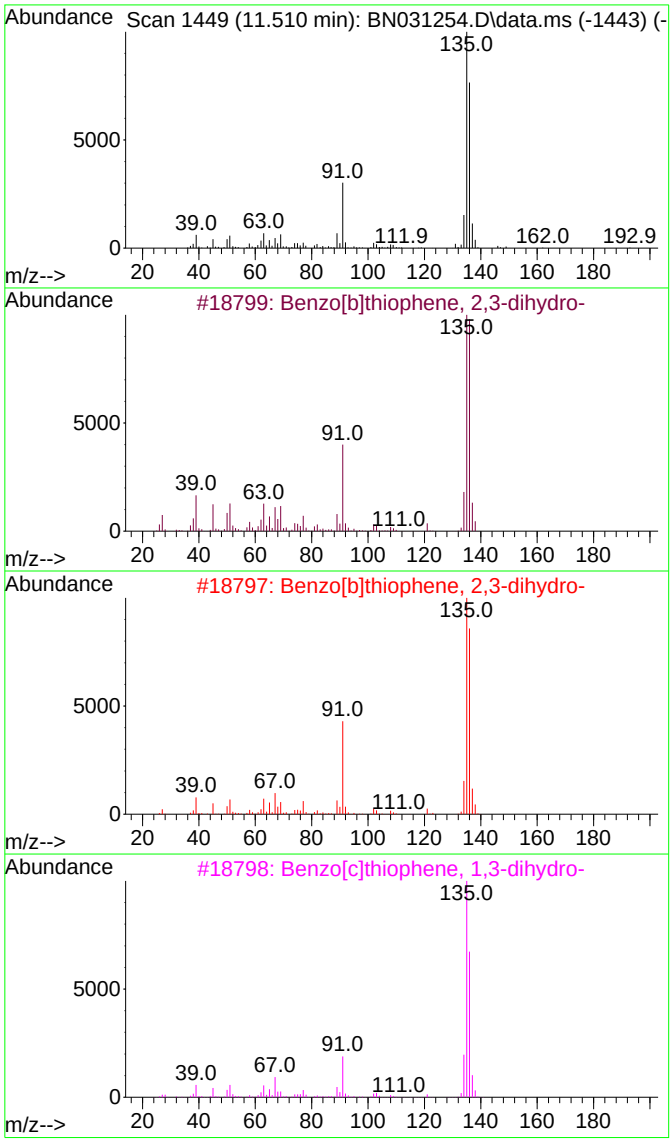
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

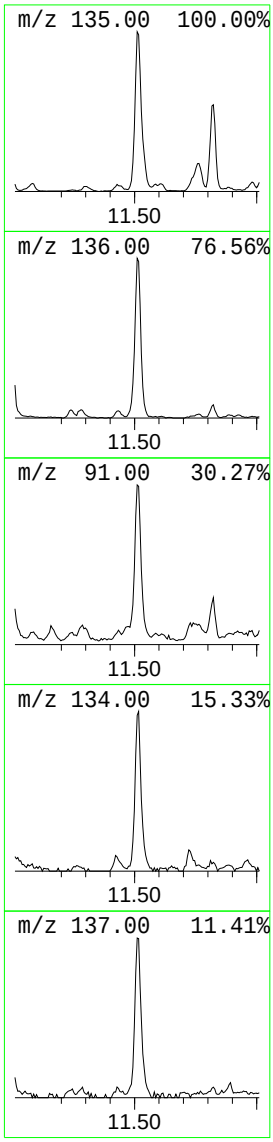
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.510	3.48 ng/ul	508881	Naphthalene-d8	10.399

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	91
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	91
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	90
4	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	90
5	Benzaldehyde, 2-hydroxy-4-methyl-	136	C8H8O2	000698-27-1	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031254.D
Acq On : 26 Apr 2024 21:43
Operator : MA/JU
Sample : P2251-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AL2

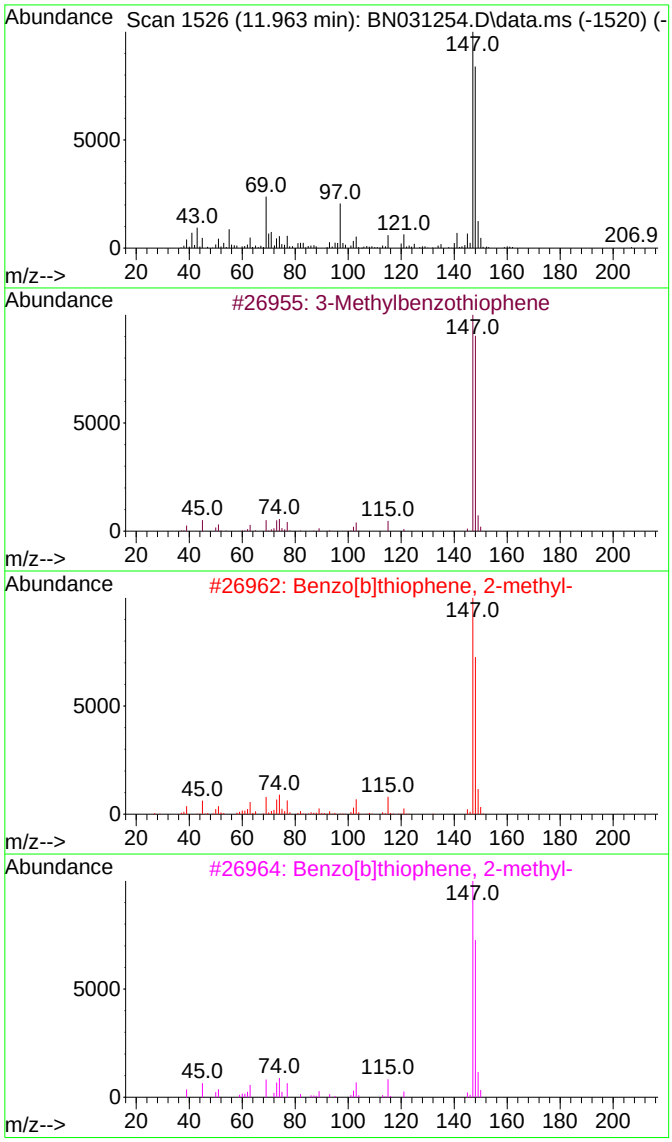
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

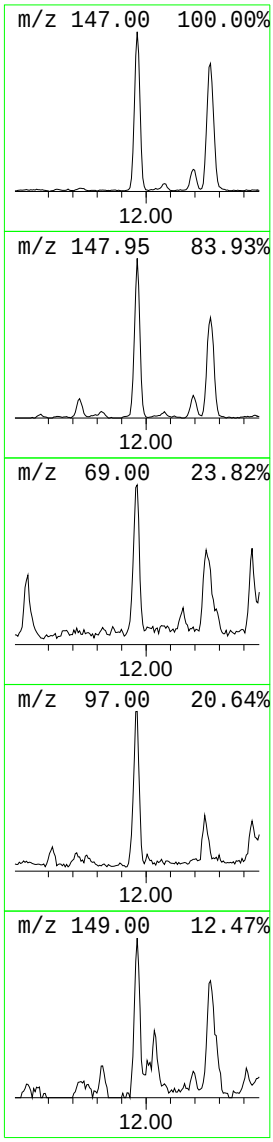
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3-Methylbenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	2.49 ng/ul	364732	Naphthalene-d8	10.399

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	87
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	83
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	83
4	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	80
5	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042624\
Data File : BN031254.D
Acq On : 26 Apr 2024 21:43
Operator : MA/JU
Sample : P2251-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AL2

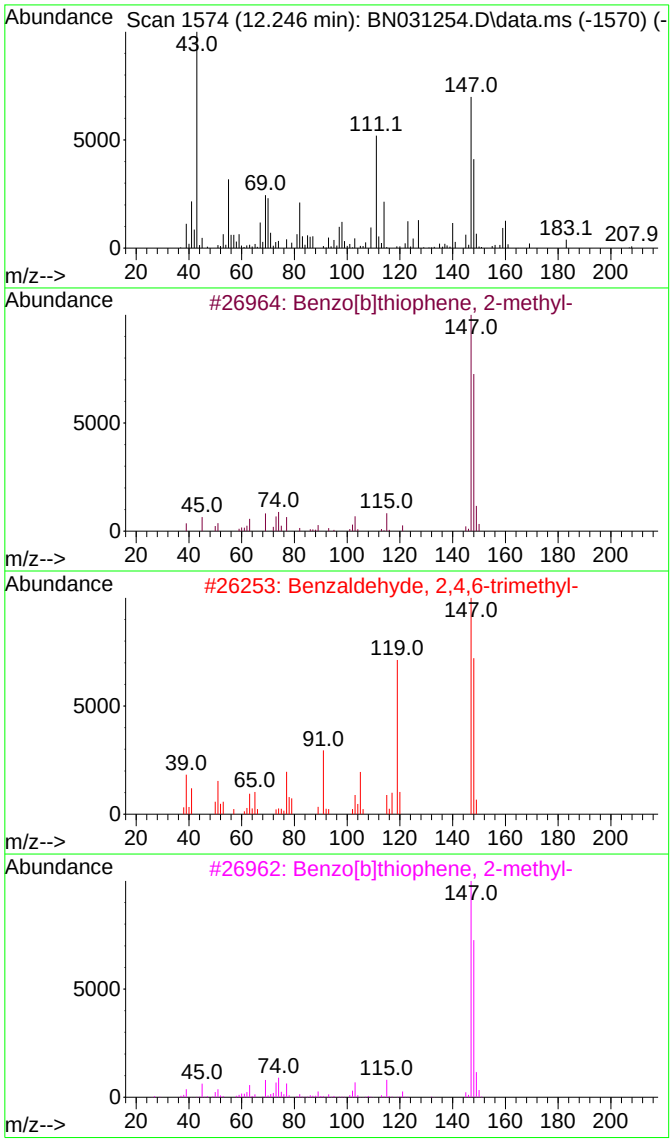
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

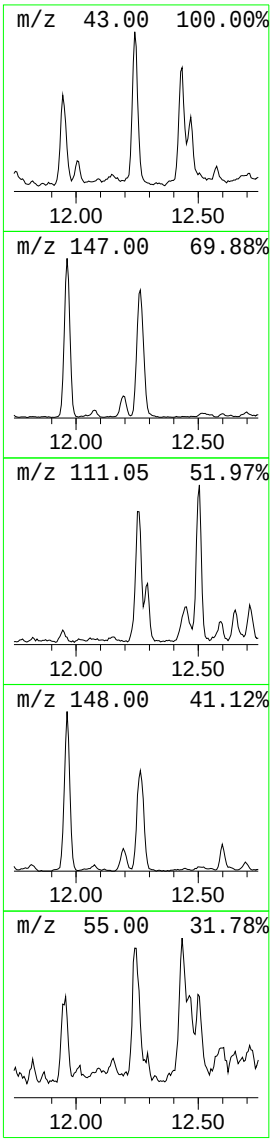
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.246	2.25 ng/ul	329576	Naphthalene-d8	10.399

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	27
2	Benzaldehyde, 2,4,6-trimethyl-	148	C10H12O	000487-68-3	27
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	27
4	trans-Cinnamic acid	148	C9H8O2	000140-10-3	27
5	N-[(5-Methyl-2-thienyl)methyl]-1...	183	C10H17NS	893611-64-8	11





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Acq On : 26 Apr 2024 21:43
Operator : MA/JU
Sample : P2251-04
Misc :
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ClientSampleId :
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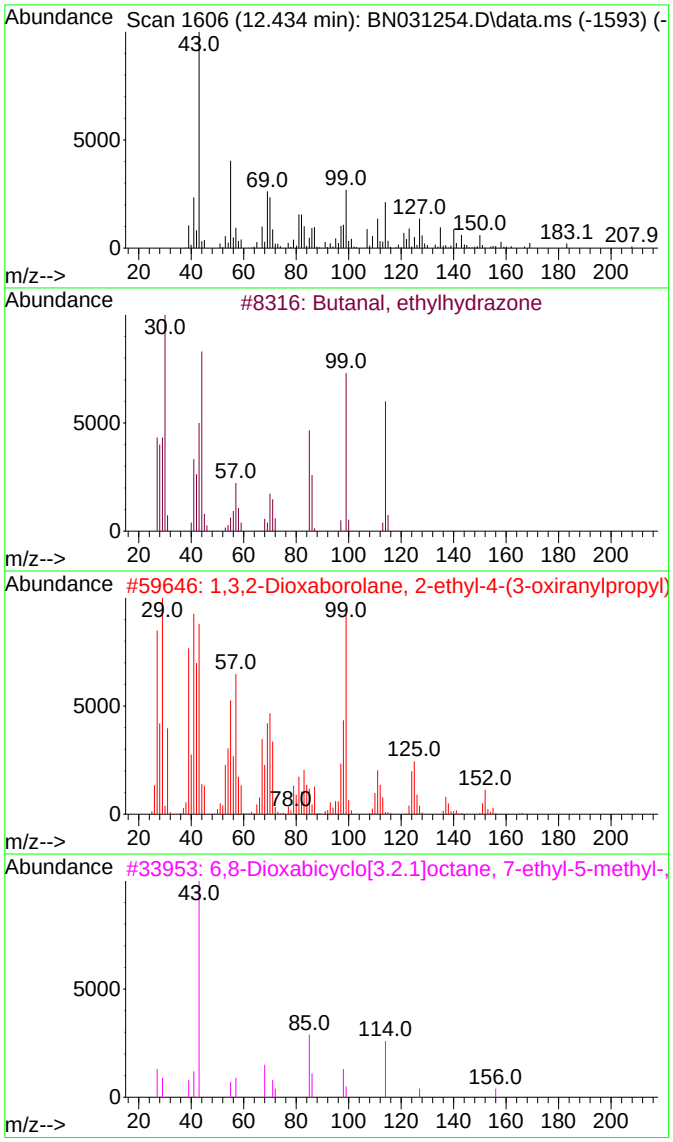
Quant Title : SVOA CALIBRATION

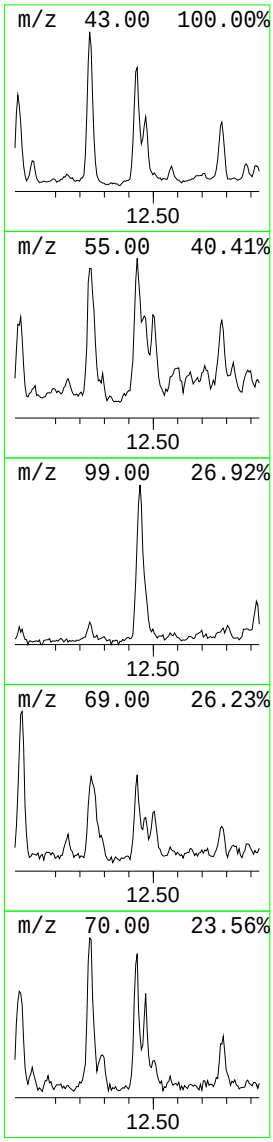
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 unknown-02 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.434	2.19 ng/ul	409004	Acenaphthene-d10	14.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal, ethylhydrazone	114	C6H14N2	051576-30-8	27
2	1,3,2-Dioxaborolane, 2-ethyl-4-(...	184	C9H17BO3	074810-66-5	16
3	6,8-Dioxabicyclo[3.2.1]octane, 7...	156	C9H16O2	020290-99-7	16
4	1,2-Ethanediol, 1-(2-ethyl-1,3,2...	244	C10H17BO6	074793-27-4	16
5	5H-1,4-Dioxepin, 2,3-dihydro-7-m...	114	C6H10O2	038653-35-9	16





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Sample : P2251-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

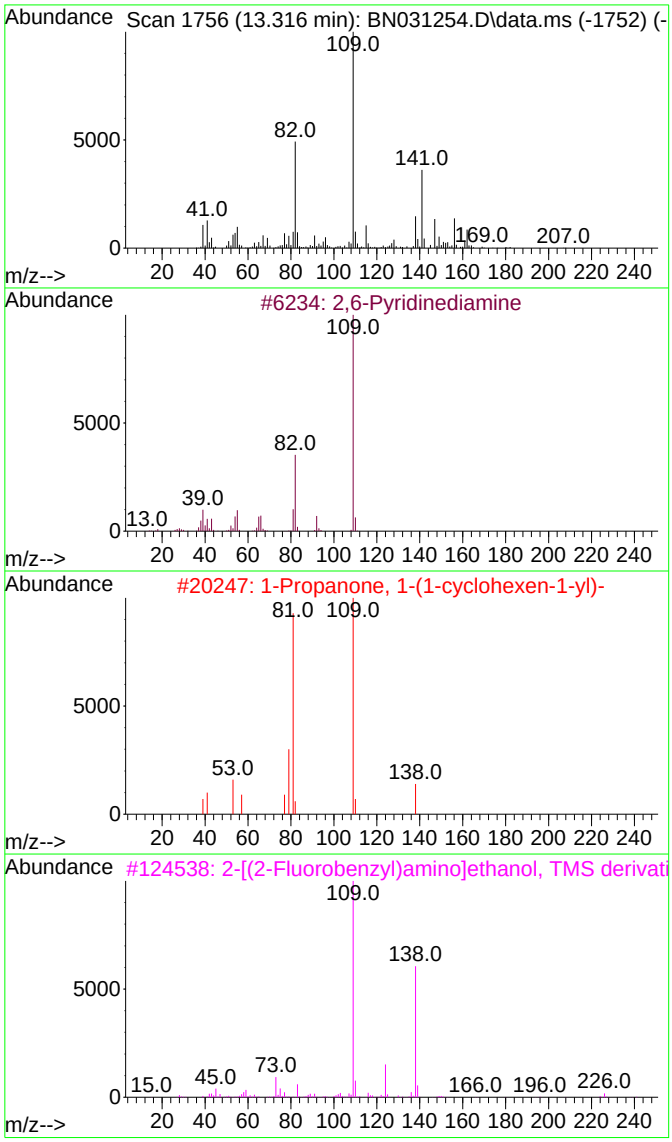
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

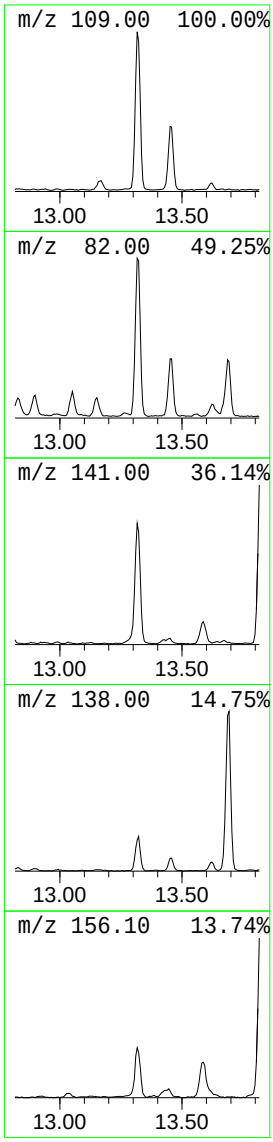
****

Peak Number 7 unknown-03 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.316	4.86 ng/ul	909564	Acenaphthene-d10	14.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Pyridinediamine	109	C5H7N3	000141-86-6	47
2	1-Propanone, 1-(1-cyclohexen-1-yl)-	138	C9H14O	001655-03-4	38
3	2-[(2-Fluorobenzyl)amino]ethanol...	241	C12H20FNOSi	1000474-03-5	35
4	Ethanone, 1-(1,3-dimethyl-3-cycl...	152	C10H16O	051733-68-7	30
5	(4-Fluorophenyl) methanol, tert....	182	C11H15FO	1000374-64-1	27





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Sample : P2251-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0AL2

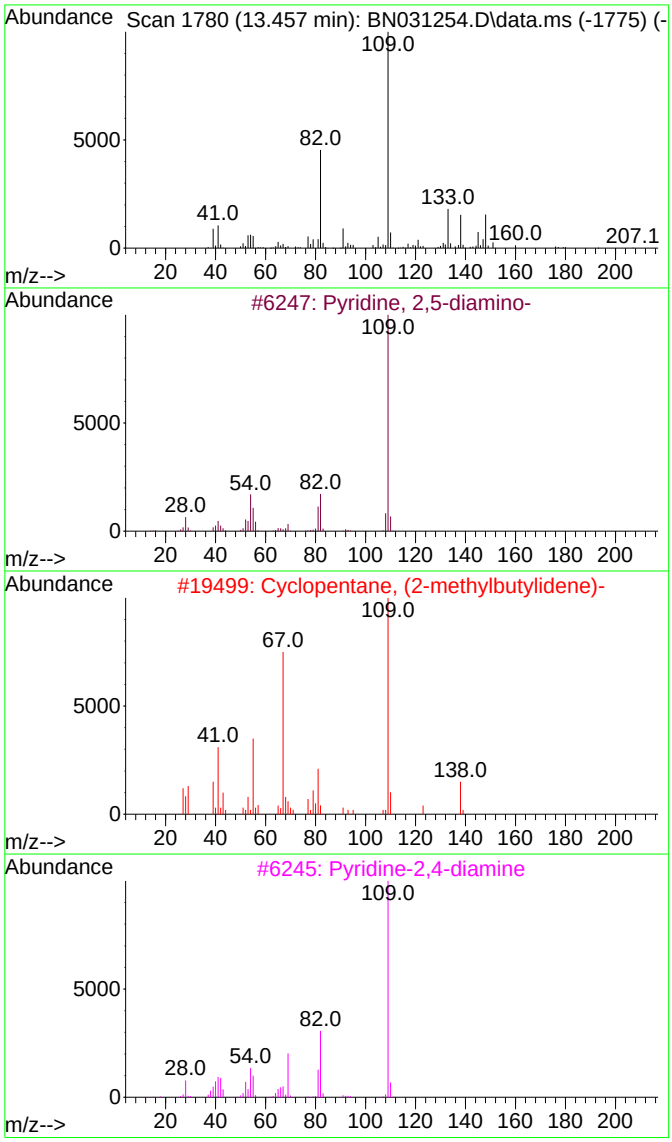
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

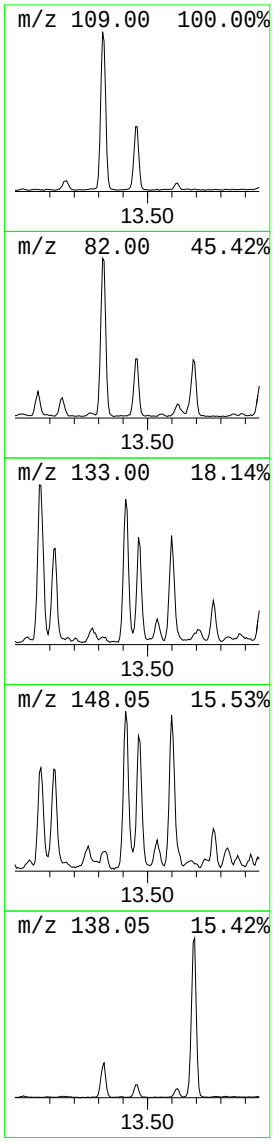
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pyridine, 2,5-diamino- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.457	2.12 ng/ul	396273	Acenaphthene-d10	14.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 2,5-diamino-	109	C5H7N3	004318-76-7	53
2	Cyclopentane, (2-methylbutylidene)-	138	C10H18	053366-54-4	46
3	Pyridine-2,4-diamine	109	C5H7N3	000461-88-1	42
4	2,6-Pyridinediamine	109	C5H7N3	000141-86-6	42
5	3,5-Dimethyl-4-propyl-1H-pyrazole	138	C8H14N2	081328-51-0	38





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Operator : MA/JU
Sample : P2251-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AL2

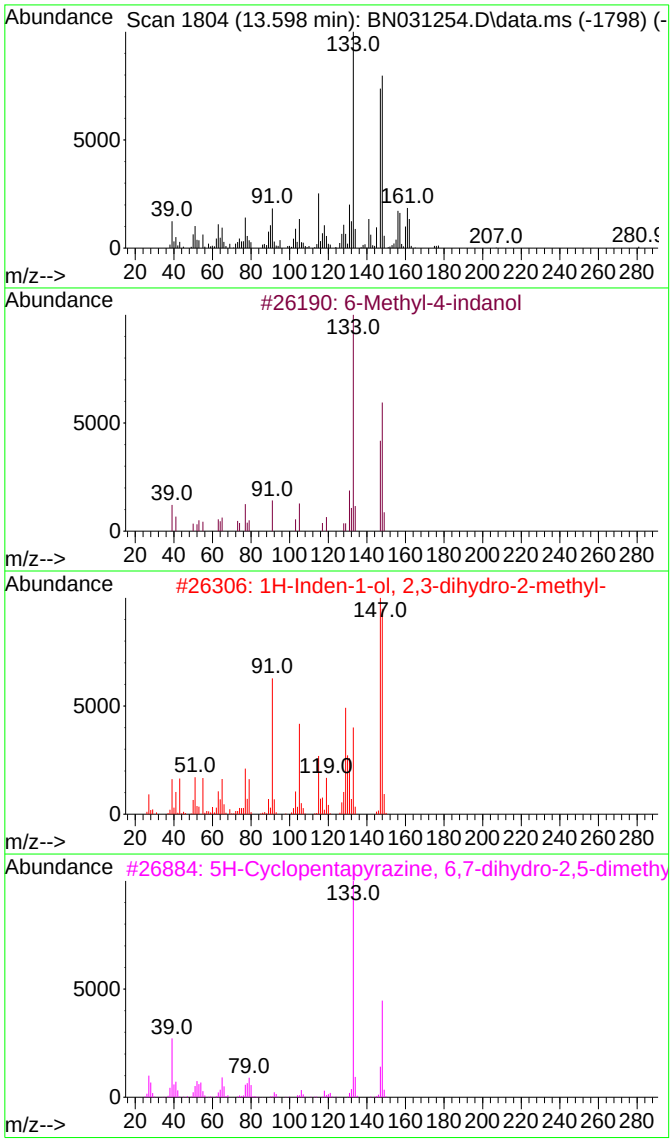
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

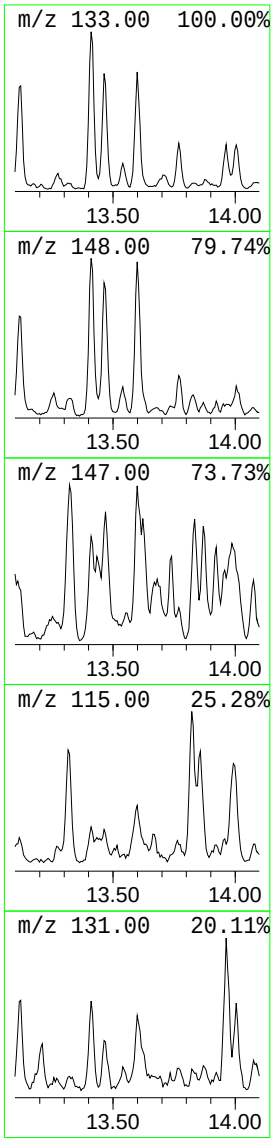
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 6-Methyl-4-indanol Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.599	2.34 ng/ul	437410	Acenaphthene-d10	14.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-4-indanol	148	C10H12O	020294-32-0	81
2	1H-Inden-1-ol, 2,3-dihydro-2-met...	148	C10H12O	017496-18-3	49
3	5H-Cyclopentapyrazine, 6,7-dihyd...	148	C9H12N2	038917-61-2	46
4	4-Methylbicyclo(3.2.2)nona-3,6-d...	148	C10H12O	1000426-97-1	45
5	trans-Cinnamic acid	148	C9H8O2	000140-10-3	45





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Sample : P2251-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

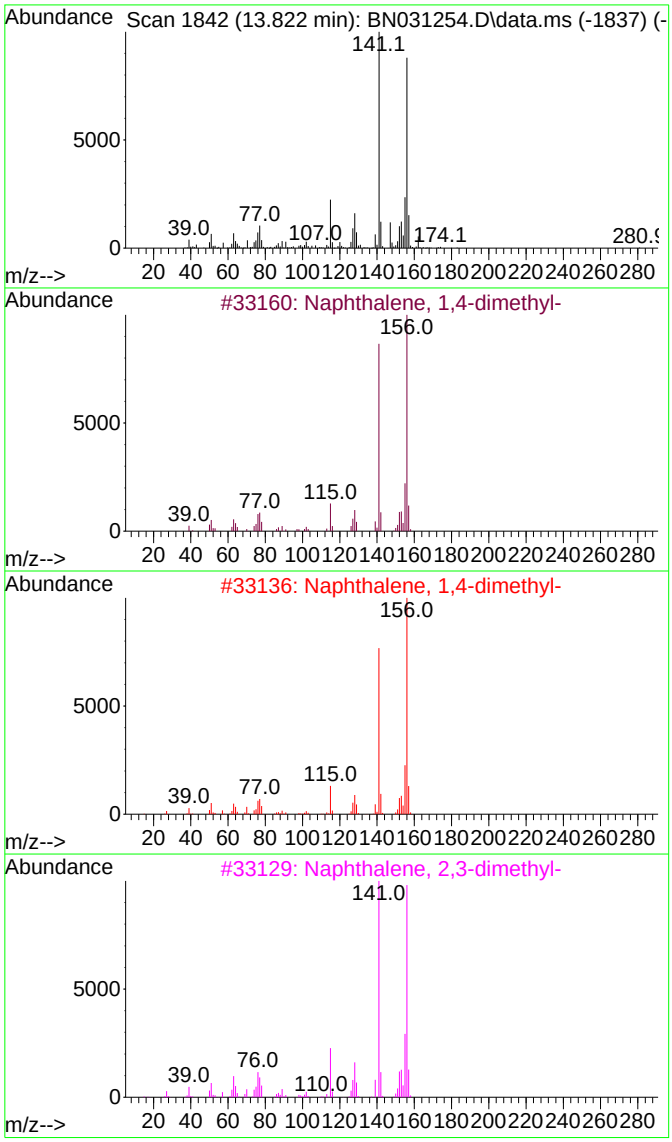
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

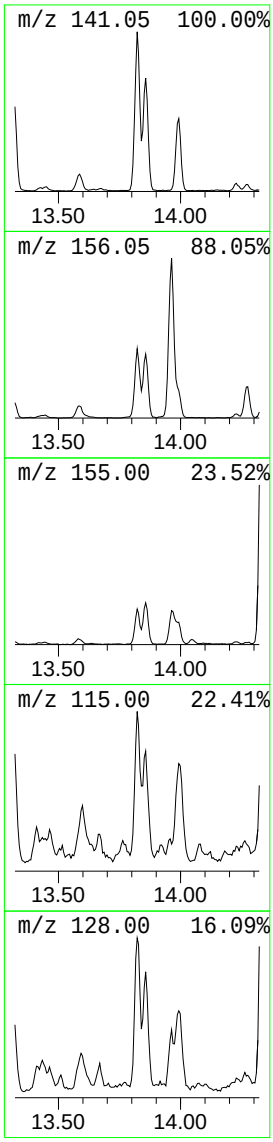
****

Peak Number 10 Naphthalene, 1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.822	2.83 ng/ul	528852	Acenaphthene-d10	14.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





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Operator : MA/JU
Sample : P2251-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AL2

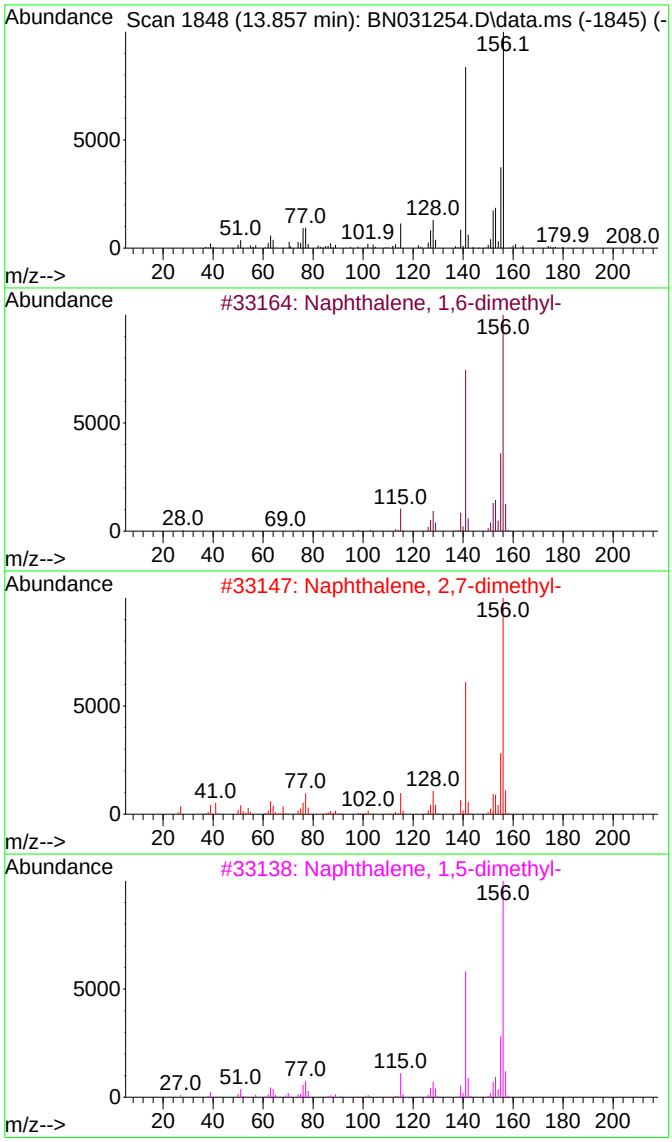
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

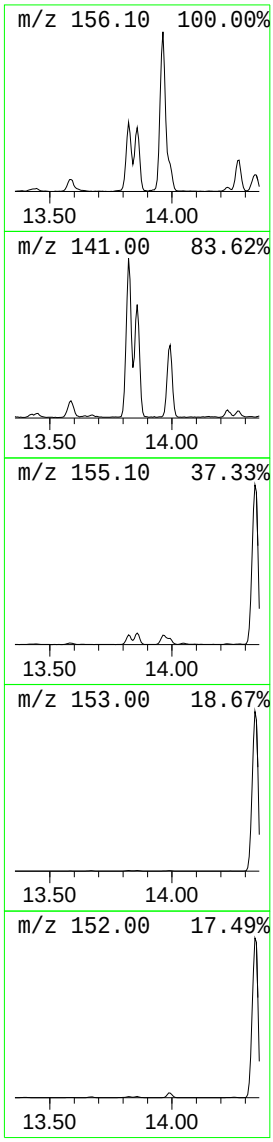
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,6-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.857	2.32 ng/ul	433978	Acenaphthene-d10	14.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	90
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	87





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Operator : MA/JU
Sample : P2251-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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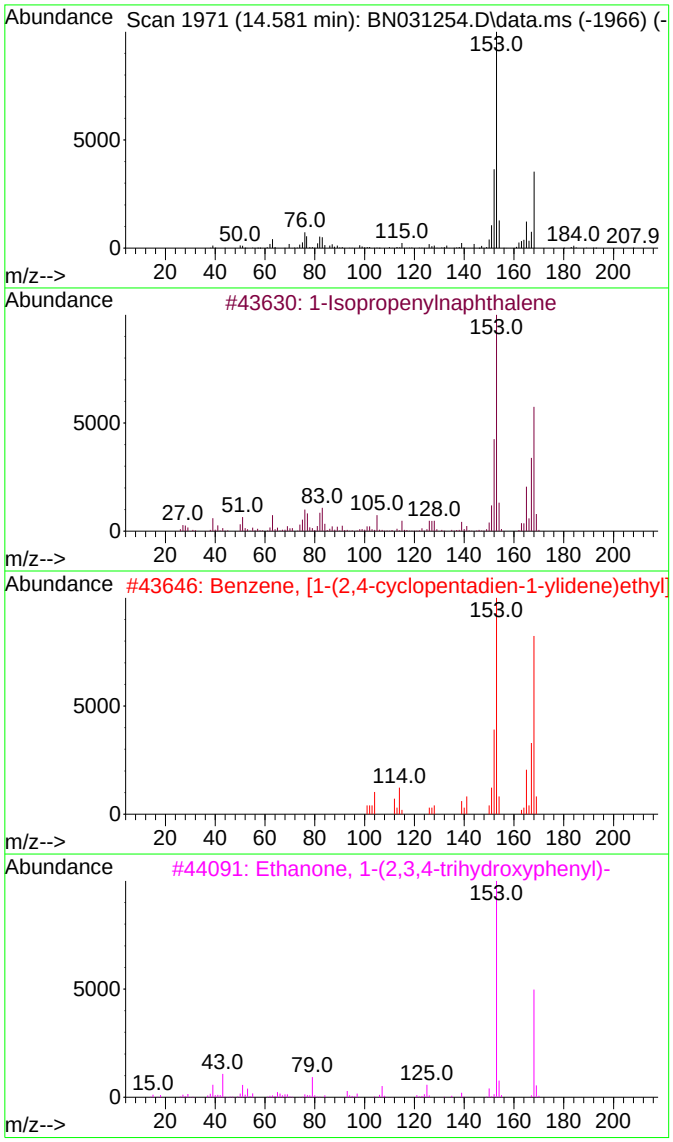
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

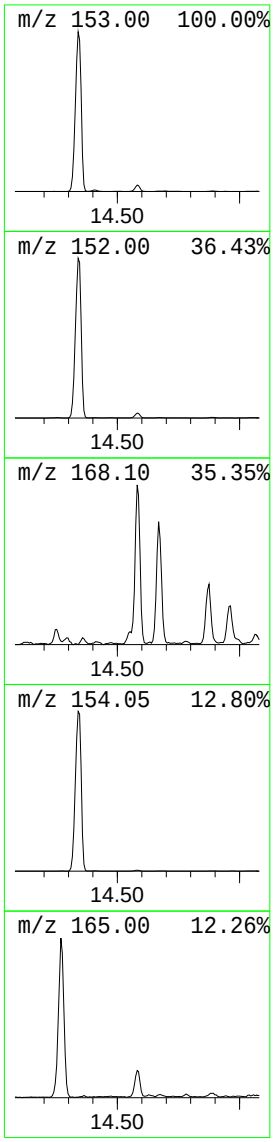
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1-Isopropenylnaphthalene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.581	2.28 ng/ul	426287	Acenaphthene-d10	14.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	87
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	72
3	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	58
4	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	58
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	50





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Sample : P2251-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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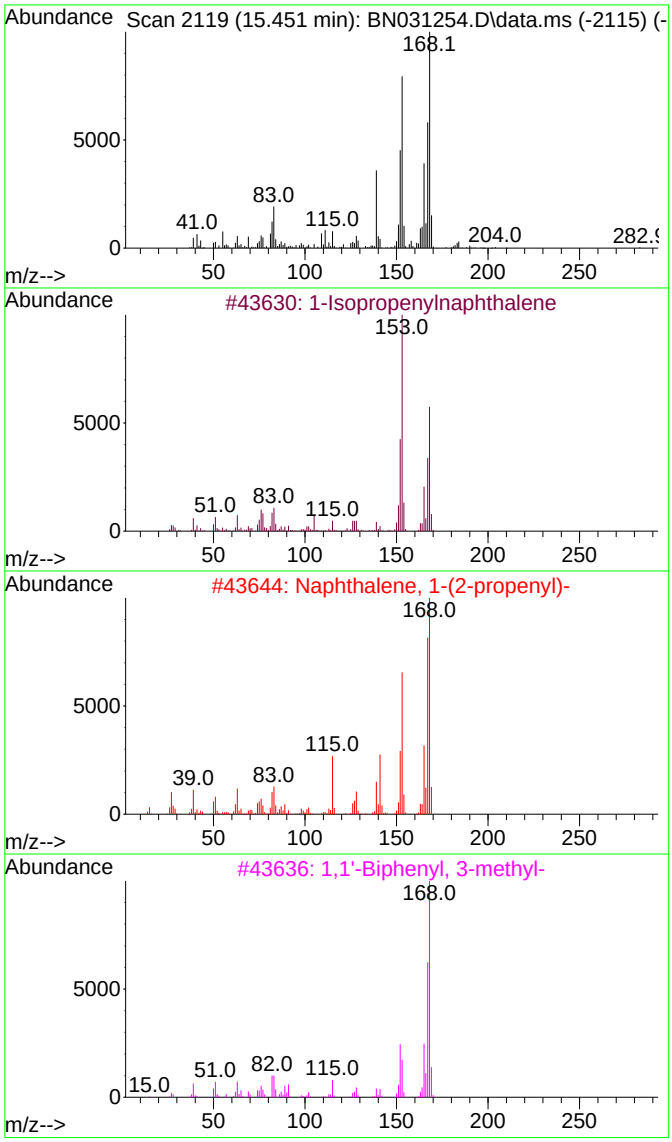
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

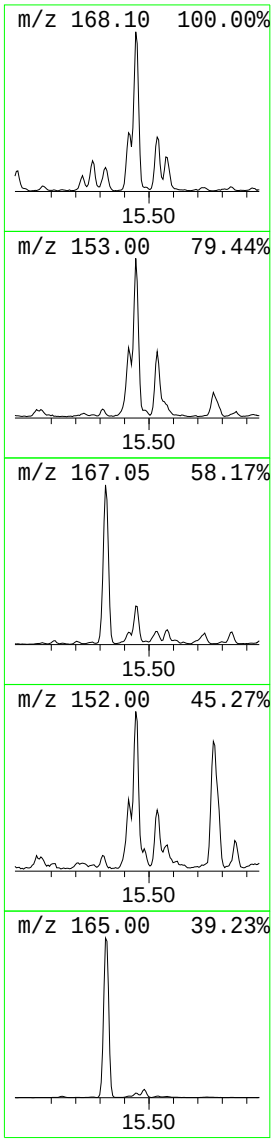
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1-(2-propenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.451	2.41 ng/ul	450813	Acenaphthene-d10	14.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	76
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	50
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	45
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	43





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Misc :
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Instrument :
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ClientSampleId :
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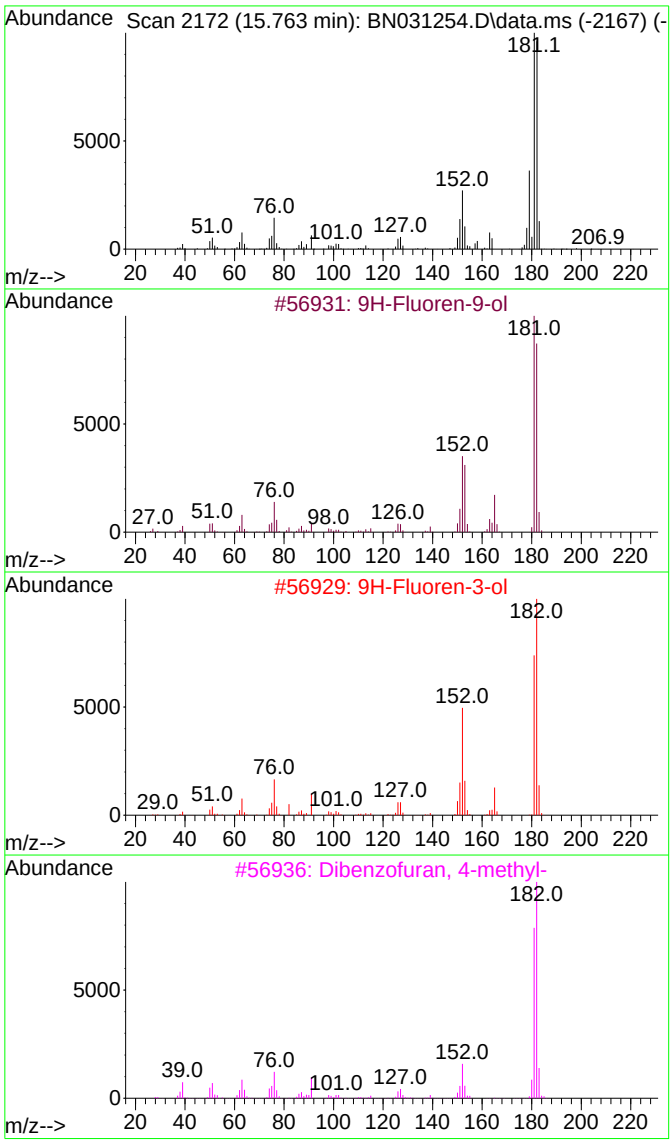
Quant Title : SVOA CALIBRATION

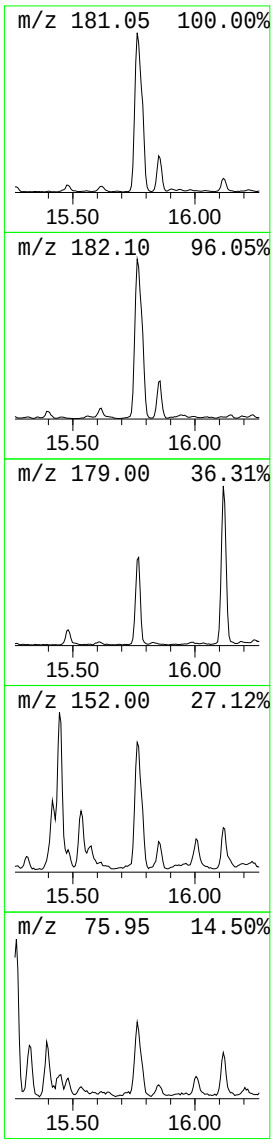
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 9H-Fluoren-9-ol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.763	6.09 ng/ul	1132650	Phenanthrene-d10	17.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	87
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	81
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	76





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

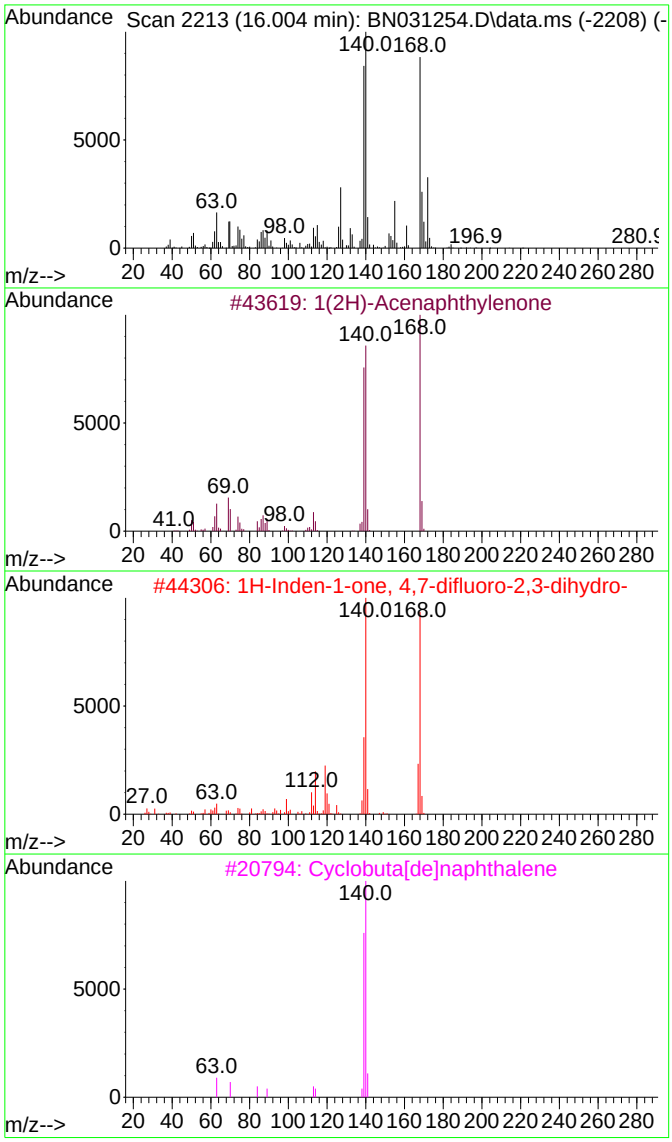
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

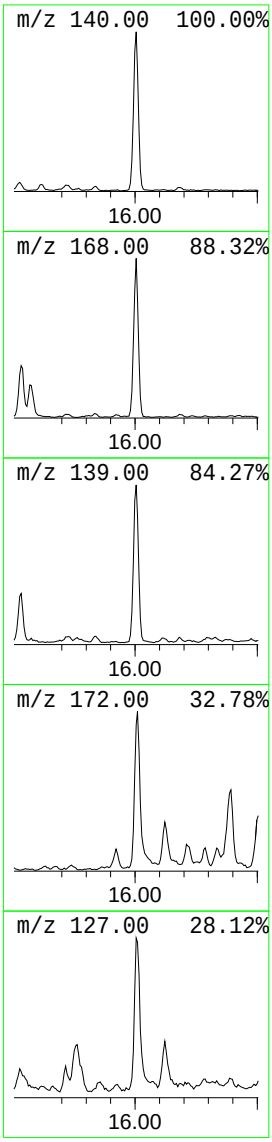
****

Peak Number 15 1(2H)-Acenaphthylenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.004	5.56 ng/ul	1033000	Phenanthrene-d10	17.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	95
2	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	43
3	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	38
4	Ethyl maltol	140	C7H8O3	004940-11-8	35
5	1,2,3,4-Tetrahydro-5-(2-hydroxye...	170	C7H10N2O3	023935-66-2	30





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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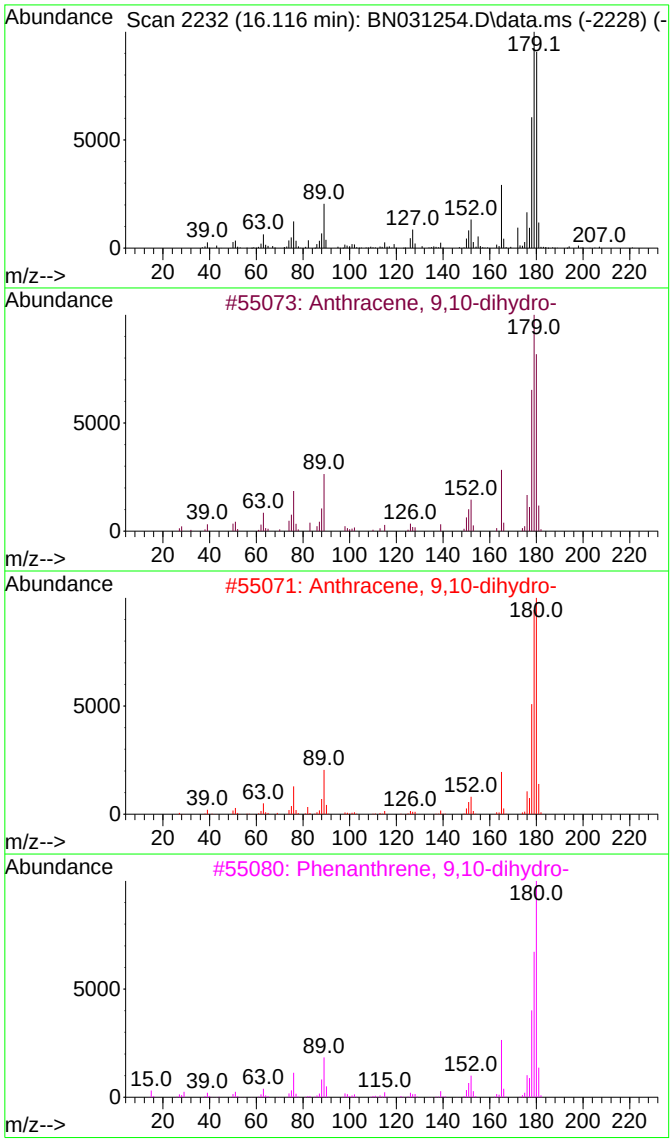
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

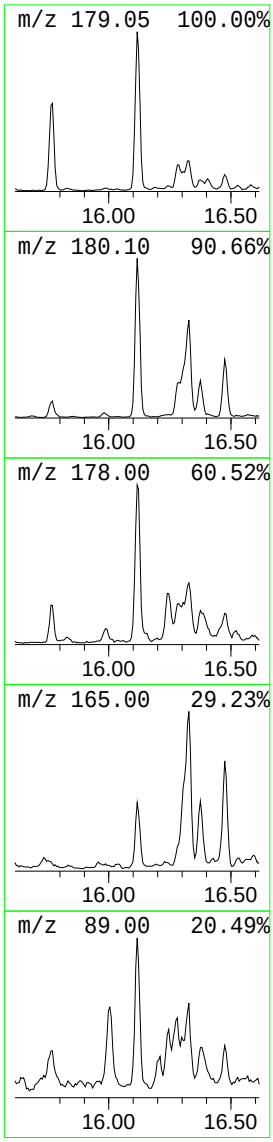
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Anthracene, 9,10-dihydro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.116	2.81 ng/ul	523142	Phenanthrene-d10	17.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	97
2	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
3	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	96
4	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	96
5	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	95





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Acq On : 26 Apr 2024 21:43
Operator : MA/JU
Sample : P2251-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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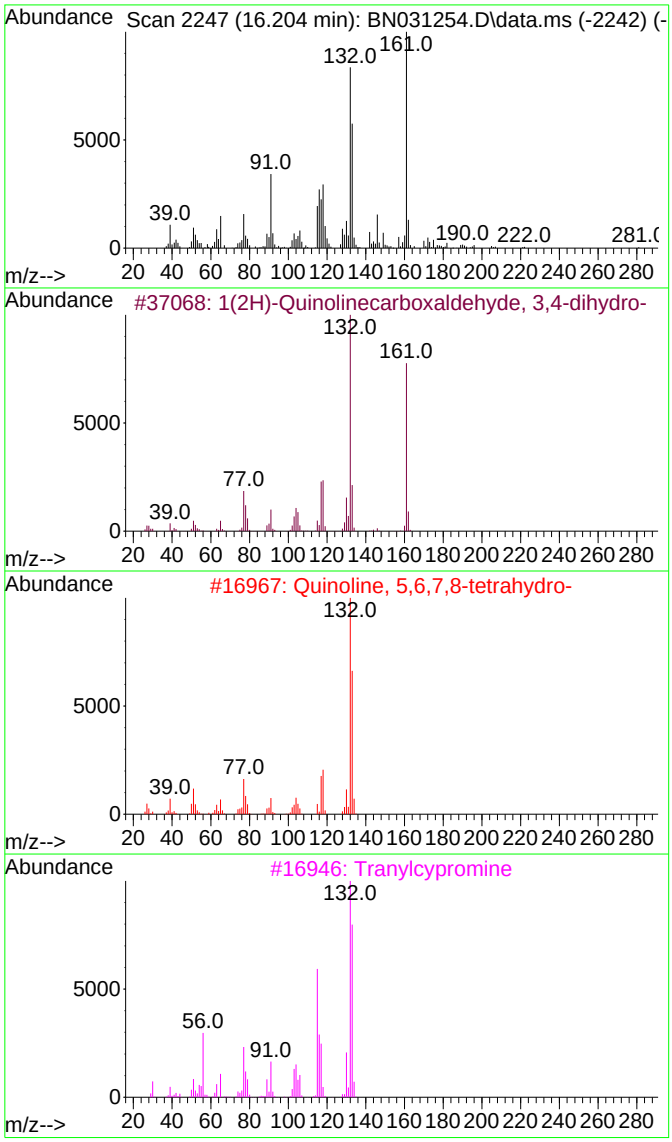
Quant Title : SVOA CALIBRATION

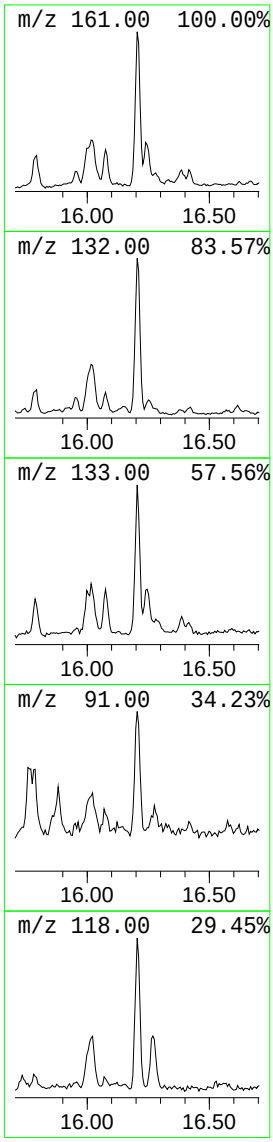
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1(2H)-Quinolinecarboxaldehy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.204	2.35 ng/ul	437183	Phenanthrene-d10	17.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Quinolinecarboxaldehyde, 3...	161	C10H11NO	002739-16-4	62
2	Quinoline, 5,6,7,8-tetrahydro-	133	C9H11N	010500-57-9	55
3	Tranylcypromine	133	C9H11N	000155-09-9	55
4	Quinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000635-46-1	55
5	Phenylcyclopentylamine	161	C11H15N	040649-26-1	52





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Misc :
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Instrument :
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ClientSampleId :
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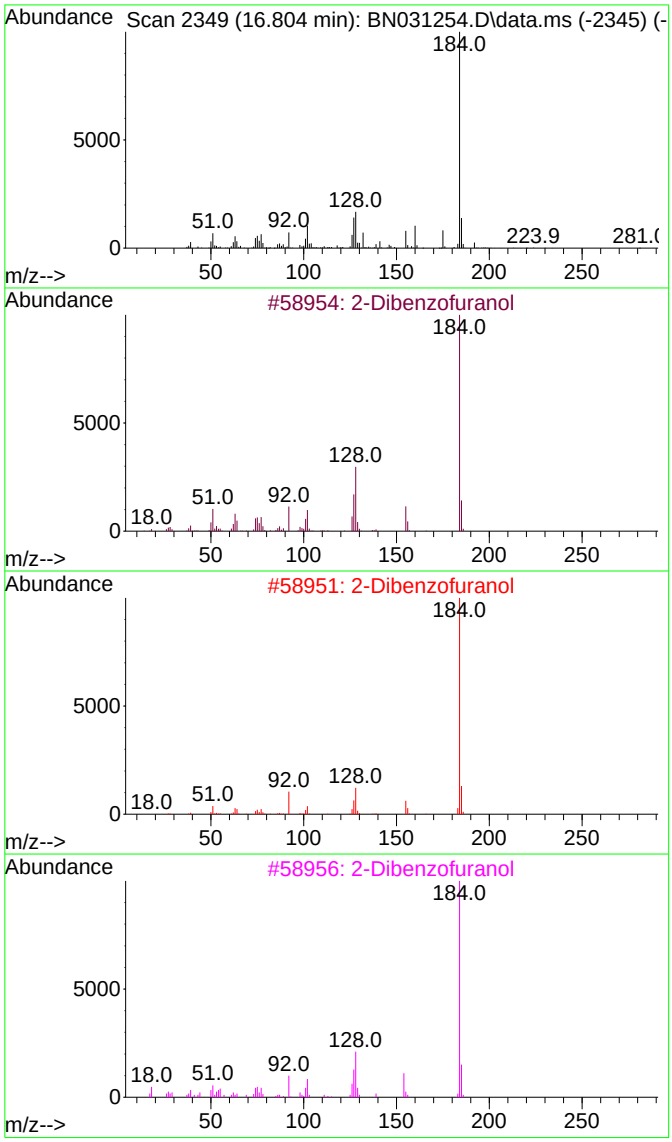
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

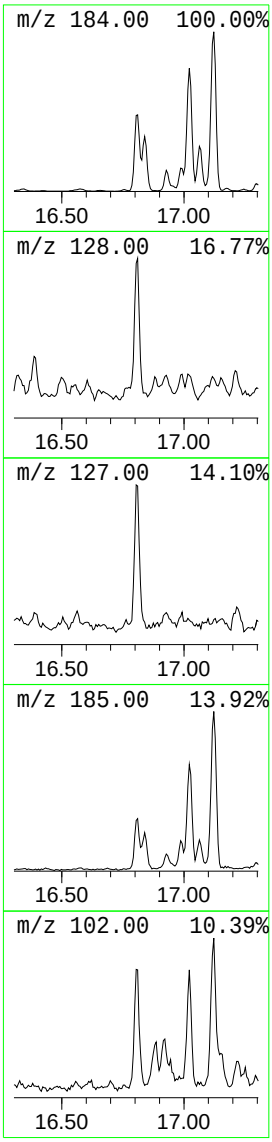
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2-Dibenzofuranol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.804	2.54 ng/ul	471962	Phenanthrene-d10	17.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
2	2-Dibenzofuranol	184	C12H8O2	000086-77-1	87
3	2-Dibenzofuranol	184	C12H8O2	000086-77-1	87
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	83
5	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	81





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Misc :
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Instrument :
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ClientSampleId :
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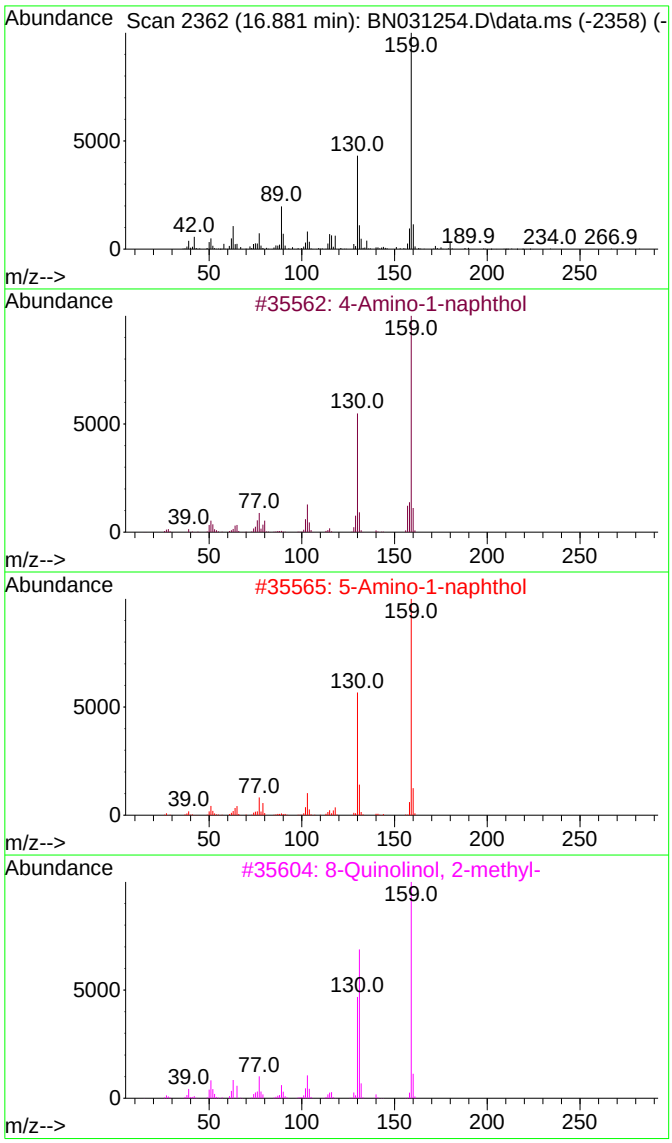
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

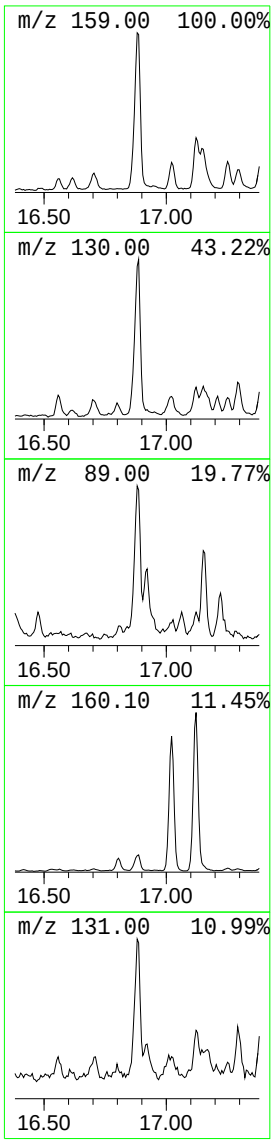
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 4-Amino-1-naphthol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.881	2.64 ng/ul	490851	Phenanthrene-d10	17.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-1-naphthol	159	C10H9NO	002834-90-4	81
2	5-Amino-1-naphthol	159	C10H9NO	000083-55-6	81
3	8-Quinolinol, 2-methyl-	159	C10H9NO	000826-81-3	76
4	4-Quinolinol, 2-methyl-	159	C10H9NO	000607-67-0	74
5	2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	72





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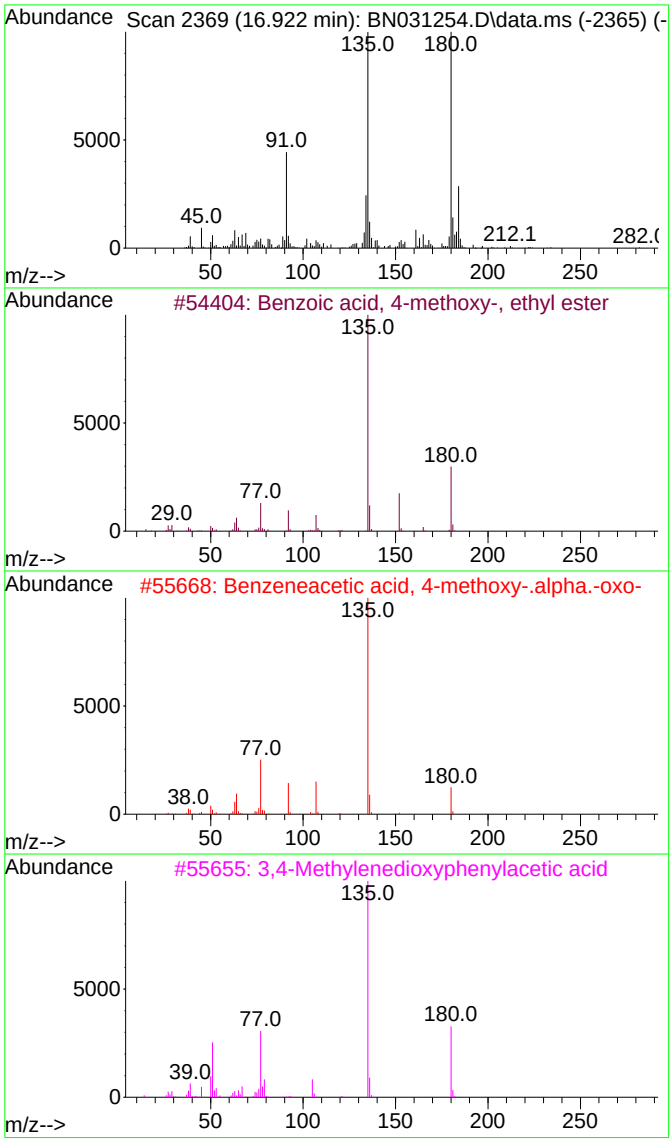
Quant Title : SVOA CALIBRATION

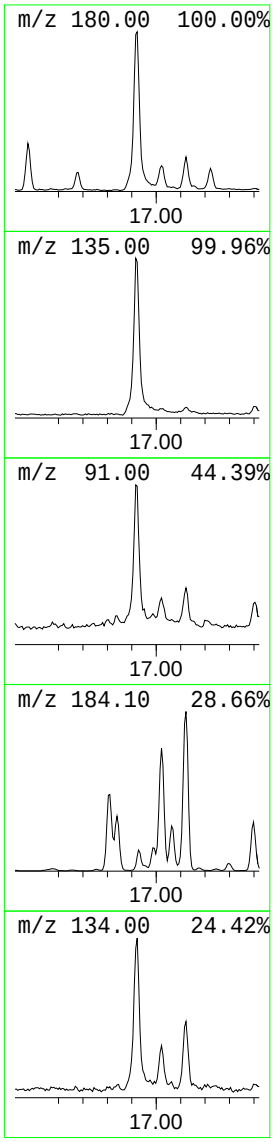
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzoic acid, 4-methoxy-, e... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.922	4.85 ng/ul	902262	Phenanthrene-d10	17.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-methoxy-, ethyl ...	180	C10H12O3	000094-30-4	64
2	Benzeneacetic acid, 4-methoxy-.a...	180	C9H8O4	007099-91-4	59
3	3,4-Methylenedioxyphenylacetic acid	180	C9H8O4	002861-28-1	59
4	6-Nitrobenzothiazole	180	C7H4N2O2S	002942-06-5	35
5	Benzo-1,3,2-azathiaborol, 2-ethyl-	163	C8H10BNS	168064-64-0	35





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Quant Title : SVOA CALIBRATION

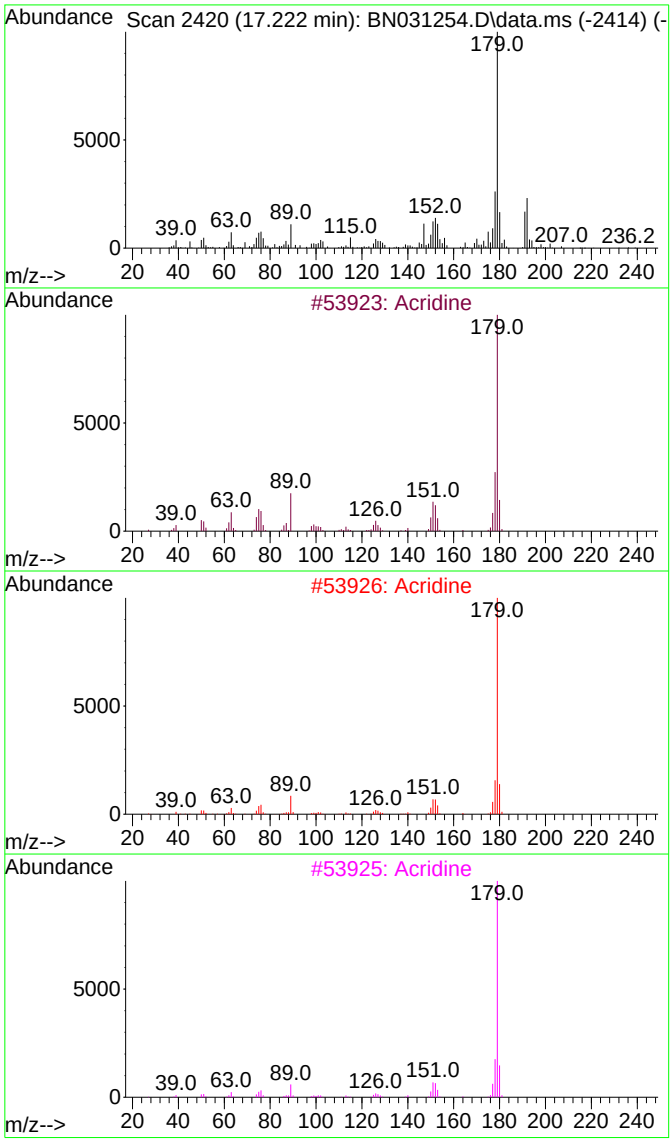
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

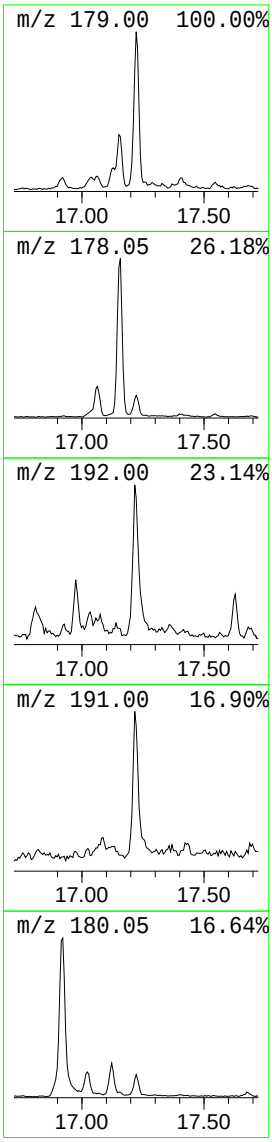
****

Peak Number 21 Acridine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.222	3.02 ng/ul	562283	Phenanthrene-d10	17.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	93
2	Acridine	179	C13H9N	000260-94-6	91
3	Acridine	179	C13H9N	000260-94-6	83
4	Benzo[h]quinoline	179	C13H9N	000230-27-3	83
5	Benzo[h]quinoline	179	C13H9N	000230-27-3	78





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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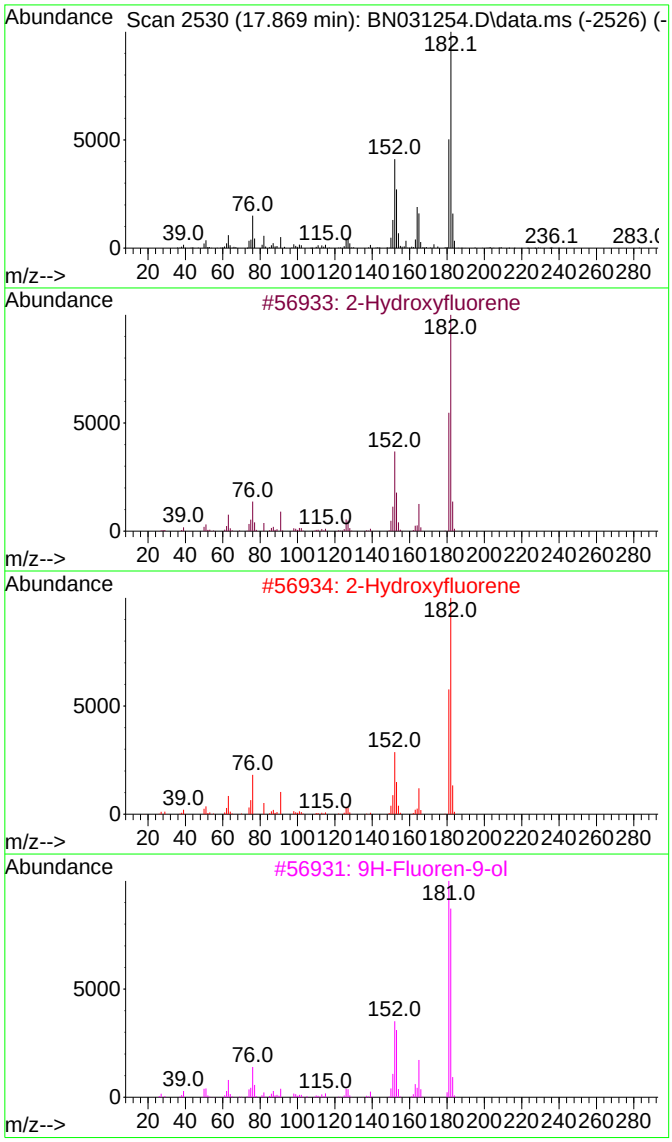
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

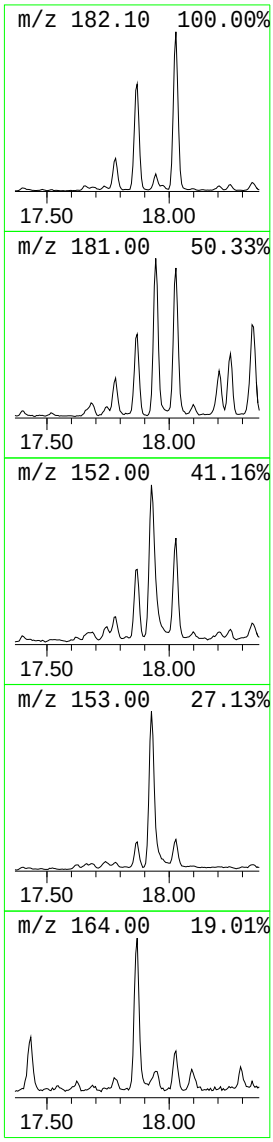
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 2-Hydroxyfluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.869	2.94 ng/ul	546942	Phenanthrene-d10	17.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	96
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	90
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	70
4	3-(1-Naphthyl)acrylaldehyde	182	C13H10O	001504-73-0	58
5	4,6-Dimethoxysalicylaldehyde	182	C9H10O4	000708-76-9	58





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Operator : MA/JU
Sample : P2251-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AL2

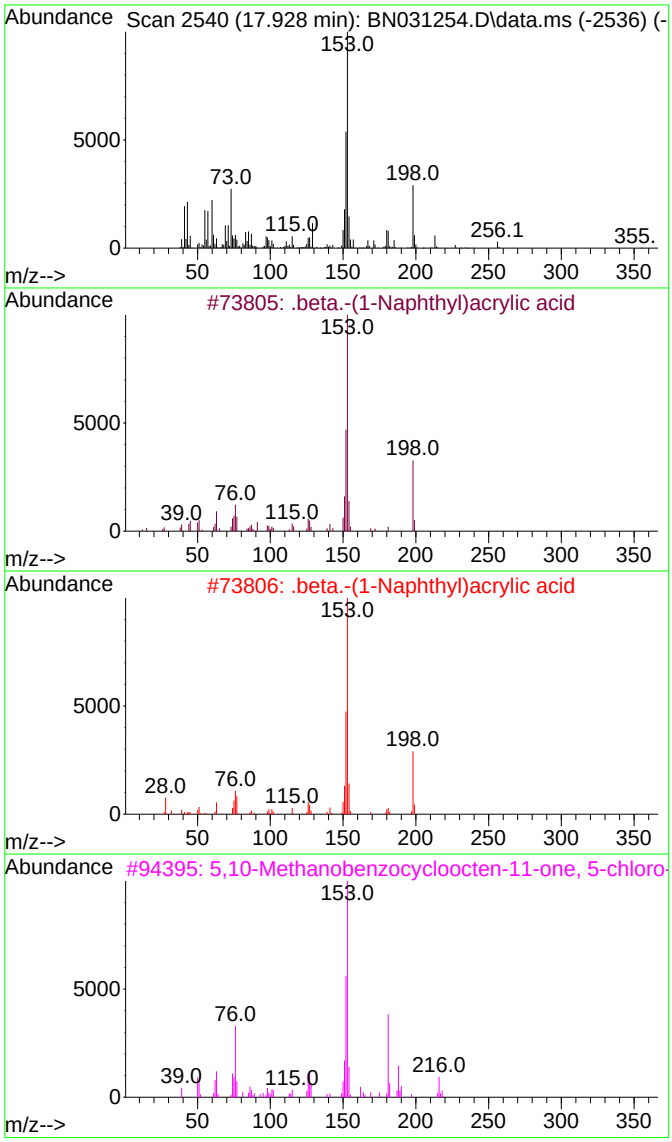
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

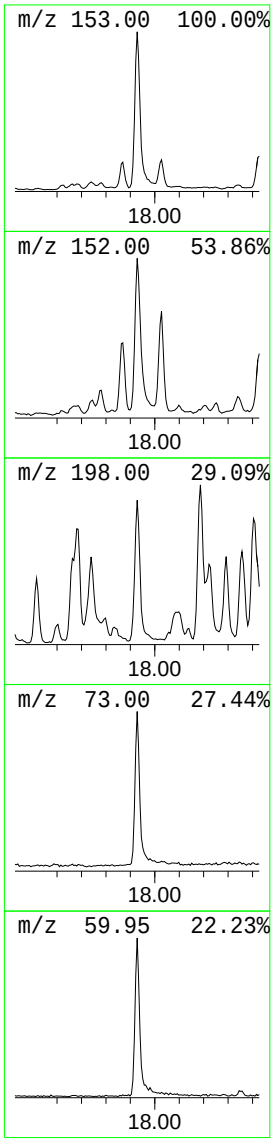
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 .beta.-(1-Naphthyl)acrylic ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.928	9.31 ng/ul	1730580	Phenanthrene-d10	17.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	93
2	.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	76
3	5,10-Methanobenzocycloocten-11-o...	216	C13H9ClO	033655-73-1	47
4	4-(Dimethylamino)thiophenol, S-(...	223	C12H17NOS	014297-67-7	47
5	Benzeneacetonitrile, 2,5-difluoro-	153	C8H5F2N	069584-87-8	43





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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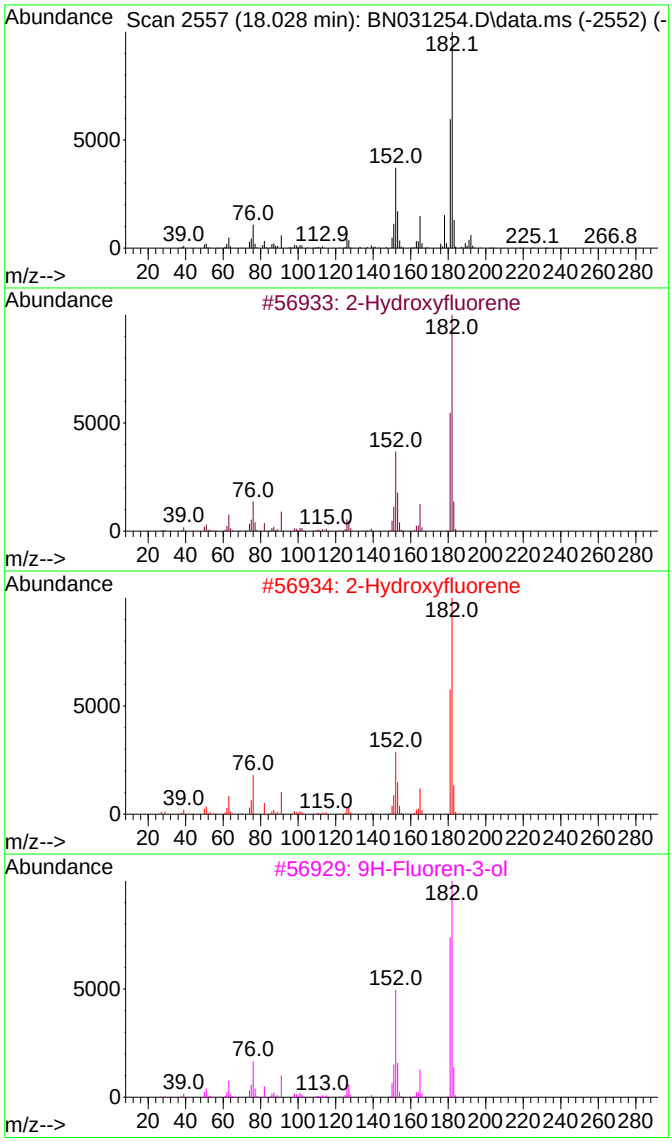
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

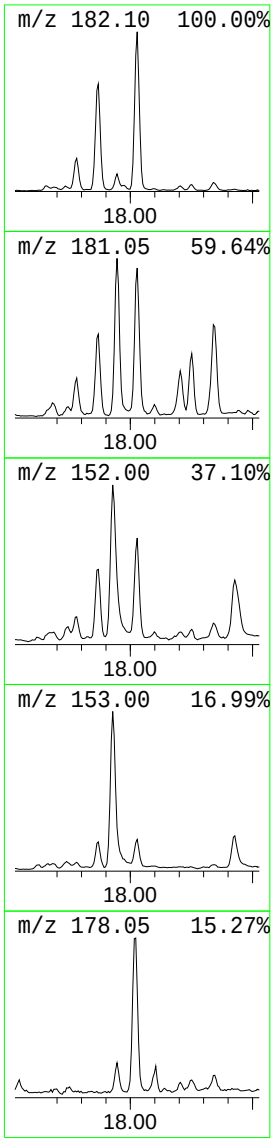
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 9H-Fluoren-3-ol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.028	3.95 ng/ul	734966	Phenanthrene-d10	17.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	97
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	95
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	95
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	80
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74





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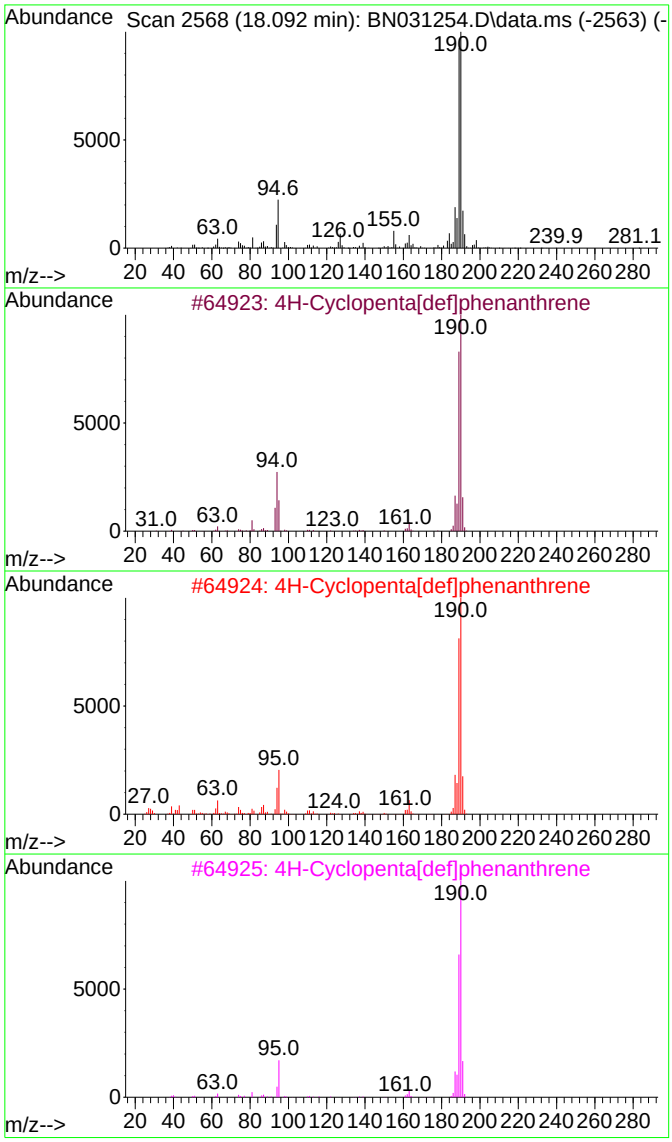
Quant Title : SVOA CALIBRATION

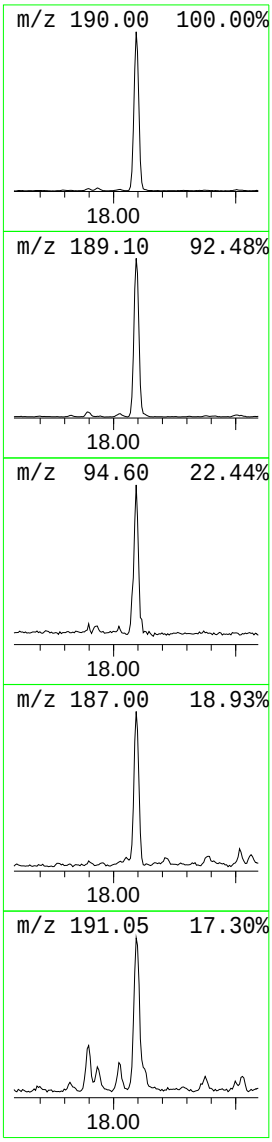
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	5.26 ng/ul	977770	Phenanthrene-d10	17.022

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	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	72
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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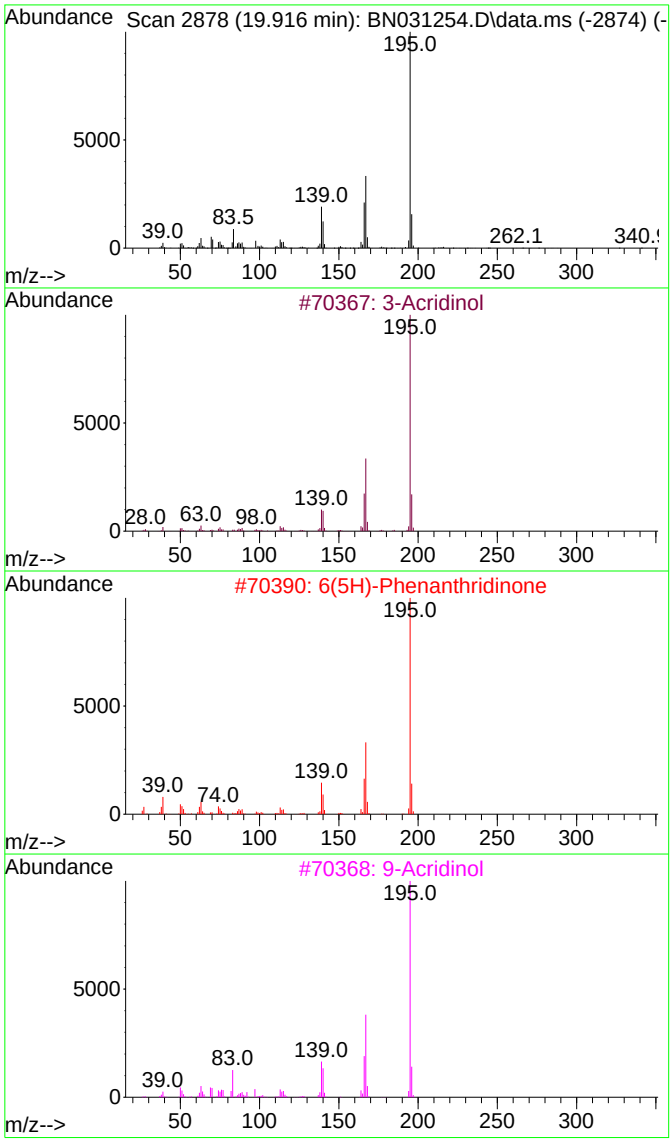
Quant Title : SVOA CALIBRATION

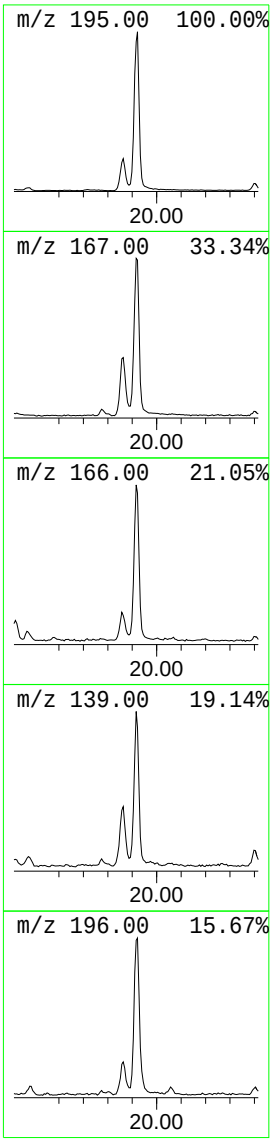
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 3-Acridinol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.916	7.89 ng/ul	1242110	Chrysene-d12	21.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Acridinol	195	C13H9NO	007132-70-9	97
2	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
3	9-Acridinol	195	C13H9NO	000643-62-9	96
4	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	95





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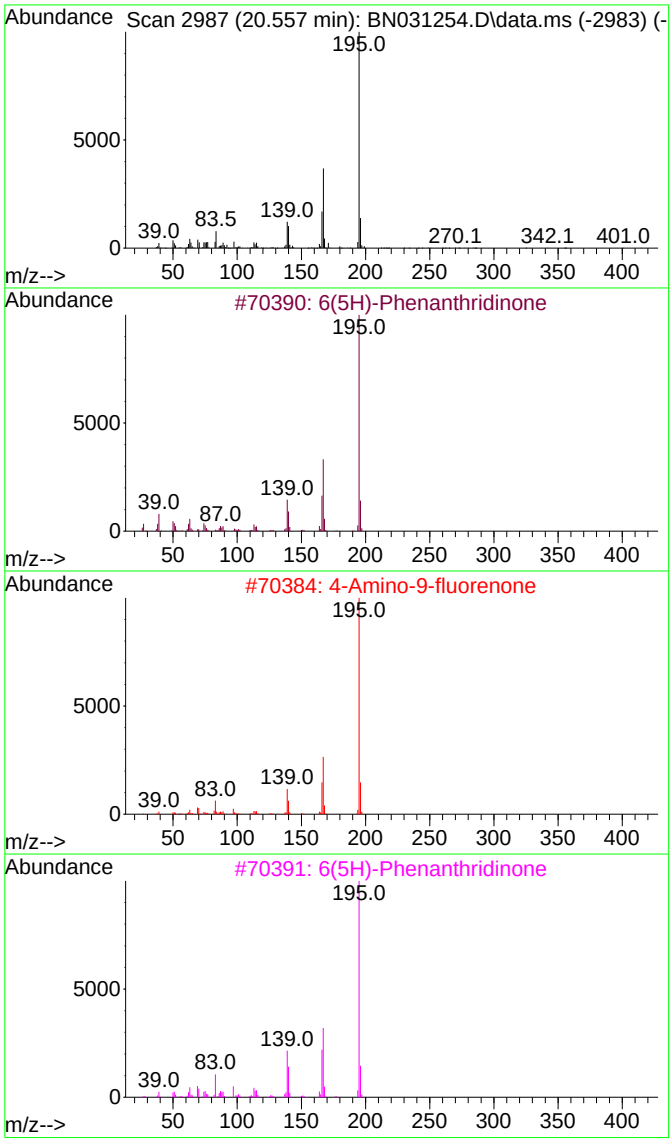
Quant Title : SVOA CALIBRATION

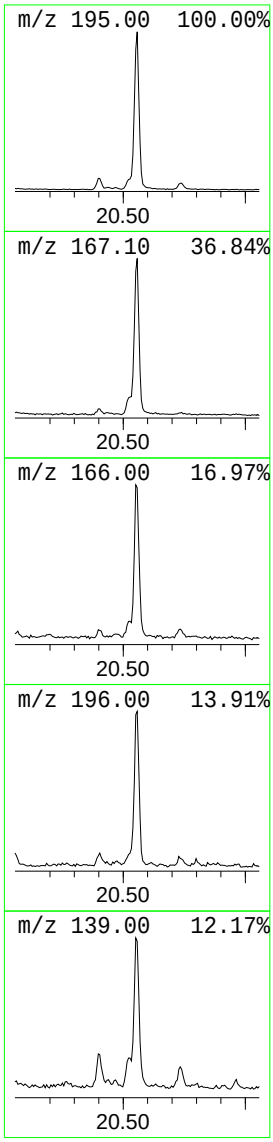
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 6(5H)-Phenanthridinone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.557	5.51 ng/ul	867442	Chrysene-d12	21.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
2	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	96
3	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	95
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	95
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	95





Tentatively Identified Compound (LSC) summary

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ClientSampleId :
C0AL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.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
1H-Indene, 1-me...	9.816	2.1	ng/ul	310525	2	10.399	2928560	20.0
Phenol, 2,3,6-t...	10.993	4.2	ng/ul	617114	2	10.399	2928560	20.0
Benzo[b]thiophe...	11.510	3.5	ng/ul	508881	2	10.399	2928560	20.0
3-Methylbenzoth...	11.963	2.5	ng/ul	364732	2	10.399	2928560	20.0
unknown-01	12.246	2.3	ng/ul	329576	2	10.399	2928560	20.0
unknown-02	12.434	2.2	ng/ul	409004	3	14.269	3742680	20.0
unknown-03	13.316	4.9	ng/ul	909564	3	14.269	3742680	20.0
Pyridine, 2,5-d...	13.457	2.1	ng/ul	396273	3	14.269	3742680	20.0
6-Methyl-4-indanol	13.599	2.3	ng/ul	437410	3	14.269	3742680	20.0
Naphthalene, 1,...	13.822	2.8	ng/ul	528852	3	14.269	3742680	20.0
Naphthalene, 1,...	13.857	2.3	ng/ul	433978	3	14.269	3742680	20.0
1-Isopropenylna...	14.581	2.3	ng/ul	426287	3	14.269	3742680	20.0
Naphthalene, 1-...	15.451	2.4	ng/ul	450813	3	14.269	3742680	20.0
9H-Fluoren-9-ol	15.763	6.1	ng/ul	1132650	4	17.022	3718600	20.0
1(2H)-Acenaphth...	16.004	5.6	ng/ul	1033000	4	17.022	3718600	20.0
Anthracene, 9,1...	16.116	2.8	ng/ul	523142	4	17.022	3718600	20.0
1(2H)-Quinoline...	16.204	2.4	ng/ul	437183	4	17.022	3718600	20.0
2-Dibenzofuranol	16.804	2.5	ng/ul	471962	4	17.022	3718600	20.0
4-Amino-1-naphthol	16.881	2.6	ng/ul	490851	4	17.022	3718600	20.0
Benzoic acid, 4...	16.922	4.8	ng/ul	902262	4	17.022	3718600	20.0
Acridine	17.222	3.0	ng/ul	562283	4	17.022	3718600	20.0
2-Hydroxyfluorene	17.869	2.9	ng/ul	546942	4	17.022	3718600	20.0
.beta.-(1-Napht...	17.928	9.3	ng/ul	1730580	4	17.022	3718600	20.0
9H-Fluoren-3-ol	18.028	4.0	ng/ul	734966	4	17.022	3718600	20.0
4H-Cyclopenta[d...	18.092	5.3	ng/ul	977770	4	17.022	3718600	20.0
3-Acridinol	19.916	7.9	ng/ul	1242110	5	21.257	3149520	20.0
6(5H)-Phenanthr...	20.557	5.5	ng/ul	867442	5	21.257	3149520	20.0