

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
 Data File : BN031206.D
 Acq On : 25 Apr 2024 02:48
 Operator : MA/JU
 Sample : P2104-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COAL8

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: BN031206.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.140	23	26	34	rVB	21536	36494	0.58%	0.053%
2	3.422	71	74	78	rBV	8535	11274	0.18%	0.016%
3	3.552	93	96	109	rBV	250421	433454	6.93%	0.627%
4	3.652	109	113	122	rVB	31440	52522	0.84%	0.076%
5	3.864	144	149	157	rVB	10471	16995	0.27%	0.025%
6	4.869	316	320	323	rVB3	7049	9876	0.16%	0.014%
7	5.293	387	392	394	rBV6	6370	10109	0.16%	0.015%
8	5.652	450	453	458	rVB7	5285	7044	0.11%	0.010%
9	6.246	550	554	556	rBV5	5335	7724	0.12%	0.011%
10	6.622	612	618	624	rBV8	5198	13027	0.21%	0.019%
11	6.805	641	649	663	rVB	519807	837266	13.38%	1.212%
12	6.969	670	677	688	rBV	404679	630333	10.07%	0.912%
13	7.158	702	709	720	rBV	513772	836201	13.36%	1.210%
14	7.246	720	724	727	rBV3	10339	13850	0.22%	0.020%
15	7.628	781	789	796	rBV	641291	1029456	16.45%	1.490%
16	8.163	876	880	885	rBV5	9062	13864	0.22%	0.020%
17	8.334	903	909	923	rBV	653736	1061449	16.96%	1.537%
18	8.452	923	929	935	rVB	24607	43228	0.69%	0.063%
19	8.781	978	985	993	rBV	494179	813168	12.99%	1.177%
20	8.834	993	994	1001	rVB6	8920	12781	0.20%	0.019%
21	8.946	1006	1013	1016	rBV8	4537	8241	0.13%	0.012%
22	9.175	1050	1052	1059	rVB4	7281	10465	0.17%	0.015%
23	9.357	1078	1083	1088	rVB3	12179	20114	0.32%	0.029%
24	9.499	1099	1107	1122	rBV	405026	678804	10.85%	0.983%
25	10.028	1190	1197	1211	rBV	660623	1153190	18.43%	1.669%
26	10.199	1220	1226	1231	rBV	19190	36405	0.58%	0.053%
27	10.404	1253	1261	1267	rBV	975428	1650728	26.37%	2.390%
28	10.457	1267	1270	1276	rVB	34653	50709	0.81%	0.073%
29	10.551	1279	1286	1301	rVV	587703	1023263	16.35%	1.481%
30	10.934	1346	1351	1359	rBV9	11240	30947	0.49%	0.045%
31	11.157	1383	1389	1393	rBV2	22055	40467	0.65%	0.059%
32	11.493	1444	1446	1454	rVB7	5729	9411	0.15%	0.014%
33	11.834	1500	1504	1511	rVB4	9758	14535	0.23%	0.021%
34	11.916	1511	1518	1522	rBV7	9944	20162	0.32%	0.029%
35	12.004	1526	1533	1539	rVV3	15152	33322	0.53%	0.048%
36	12.075	1539	1545	1553	rVV	38397	67201	1.07%	0.097%

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Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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37	12.140	1553	1556	1562	rVB9	4718	7945	0.13%	0.012%
38	12.298	1575	1583	1587	rBV	21537	37690	0.60%	0.055%
39	12.428	1601	1605	1607	rBV5	4571	6514	0.10%	0.009%
40	12.469	1607	1612	1613	rBV5	5144	8099	0.13%	0.012%
41	12.693	1646	1650	1654	rBV7	11170	16529	0.26%	0.024%
42	12.745	1657	1659	1666	rVV8	7135	12600	0.20%	0.018%
43	12.798	1666	1668	1673	rVB6	7951	10613	0.17%	0.015%
44	12.875	1675	1681	1682	rBV5	6412	12096	0.19%	0.018%
45	13.040	1706	1709	1710	rBV3	7420	8092	0.13%	0.012%
46	13.098	1715	1719	1724	rVB4	24898	38527	0.62%	0.056%
47	13.169	1728	1731	1735	rBV3	13439	21375	0.34%	0.031%
48	13.434	1772	1776	1777	rBV2	22032	28011	0.45%	0.041%
49	13.592	1798	1803	1808	rBV2	39571	76141	1.22%	0.110%
50	13.645	1809	1812	1814	rVV2	22583	28035	0.45%	0.041%
51	13.692	1814	1820	1827	rVV	1211878	1733891	27.70%	2.510%
52	13.963	1860	1866	1877	rBV2	1437535	2497959	39.91%	3.616%
53	14.098	1885	1889	1895	rVB4	62921	92936	1.48%	0.135%
54	14.275	1913	1919	1925	rVB	1613310	2341845	37.42%	3.390%
55	14.339	1926	1930	1934	rBV	79725	127876	2.04%	0.185%
56	14.492	1951	1956	1969	rBV	483468	853404	13.64%	1.235%
57	14.675	1984	1987	1992	rVB	84931	99478	1.59%	0.144%
58	15.269	2083	2088	2094	rBV	1901104	2767505	44.22%	4.006%
59	15.328	2094	2098	2103	rVV	223340	337894	5.40%	0.489%
60	15.392	2105	2109	2121	rVB	408730	655550	10.47%	0.949%
61	17.028	2382	2387	2390	rBV	1994814	2821833	45.09%	4.085%
62	17.069	2390	2394	2399	rVB	1452014	1989247	31.78%	2.880%
63	17.122	2399	2403	2407	rBV	1974740	2785681	44.51%	4.033%
64	19.092	2734	2738	2743	rVB	2302500	2926042	46.75%	4.236%
65	19.427	2790	2795	2798	rBV2	2843237	4292901	68.59%	6.214%
66	19.457	2798	2800	2809	rVB	2051917	2582343	41.26%	3.738%
67	20.698	3007	3011	3019	rVB	5571562	6258698	100.00%	9.060%
68	20.957	3052	3055	3062	rVB2	477798	689567	11.02%	0.998%
69	21.257	3100	3106	3111	rBV3	2772611	6189216	98.89%	8.959%
70	21.304	3111	3114	3124	rVB	1675826	2396601	38.29%	3.469%
71	23.245	3438	3444	3451	rBV	1032524	2893594	46.23%	4.189%
72	23.892	3549	3554	3559	rBV	429614	931817	14.89%	1.349%
73	23.963	3560	3566	3572	rVV2	1658899	3690865	58.97%	5.343%
74	24.021	3572	3576	3590	rVB	884570	2120778	33.89%	3.070%
75	24.163	3592	3600	3607	rBV	1634805	3952216	63.15%	5.721%

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ClientSampleId :
C0AL8

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

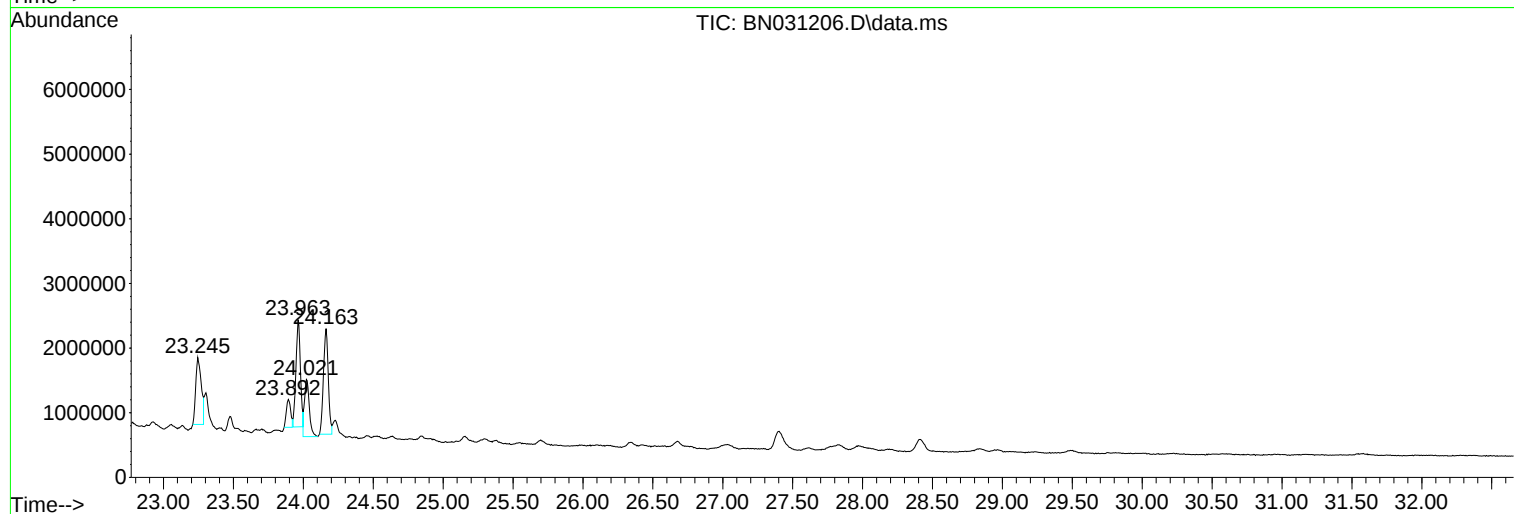
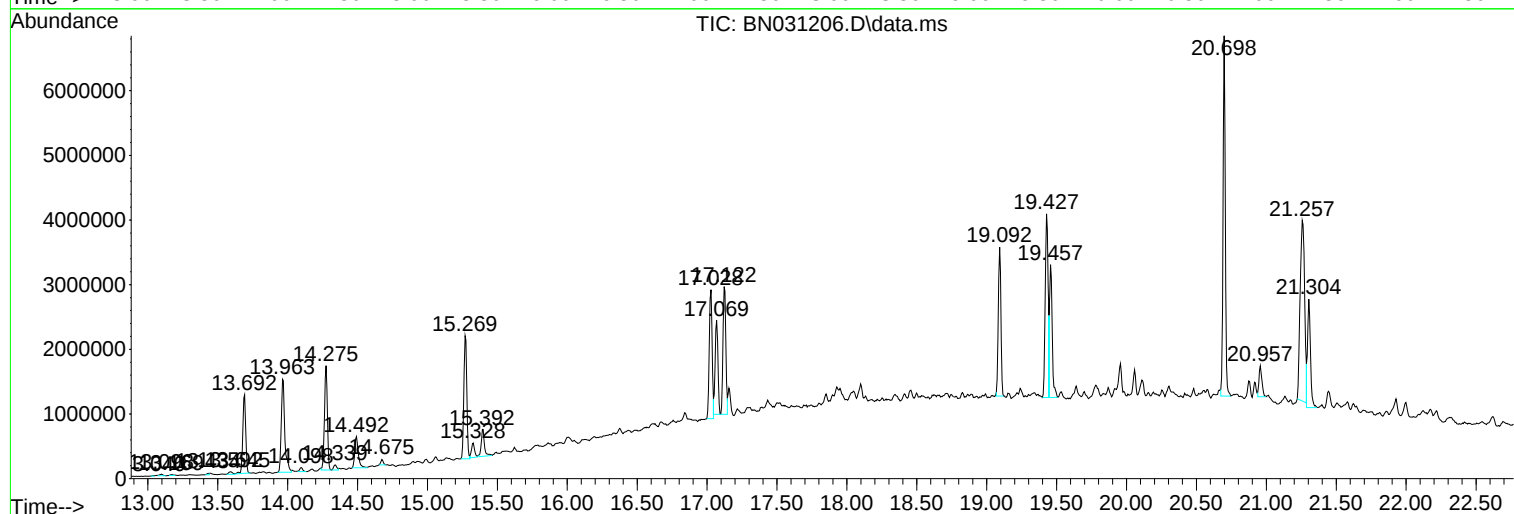
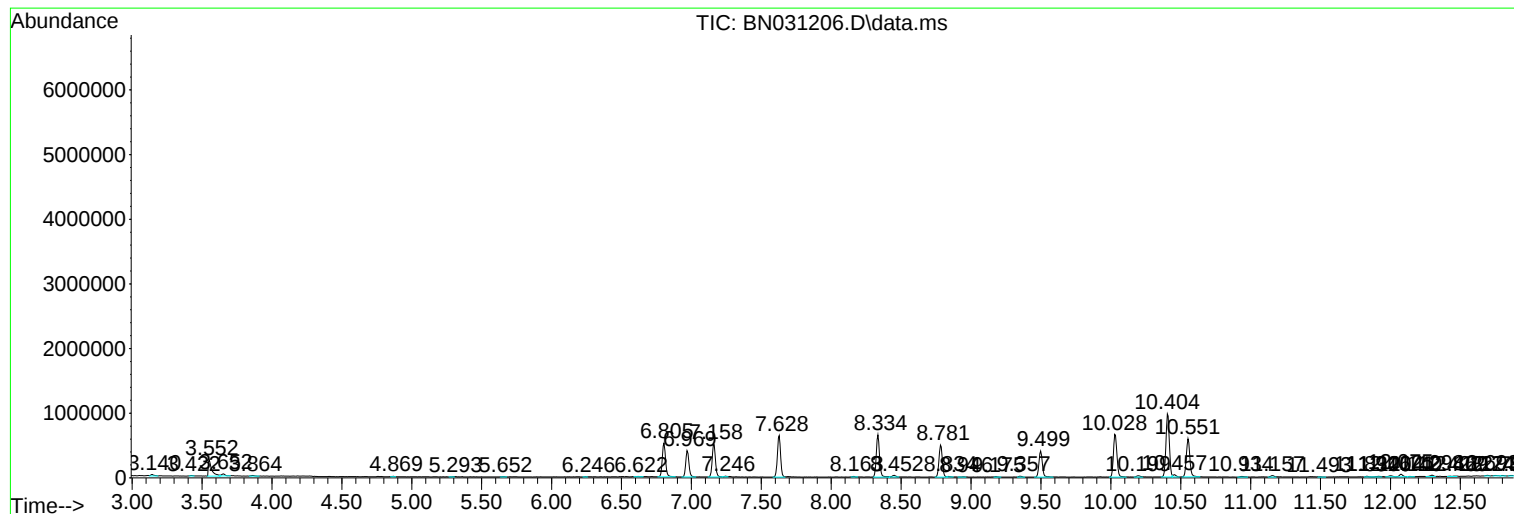
Sum of corrected areas: 69080083

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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



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Acq On : 25 Apr 2024 02:48
Operator : MA/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
COAL8

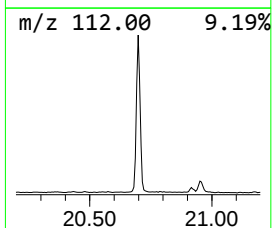
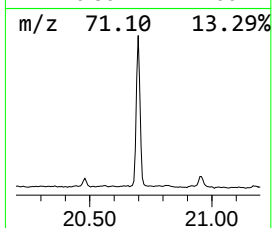
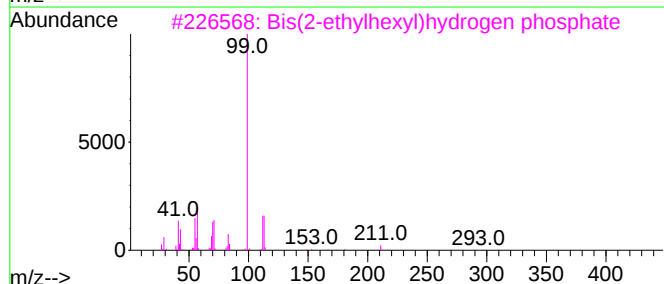
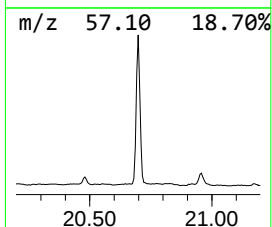
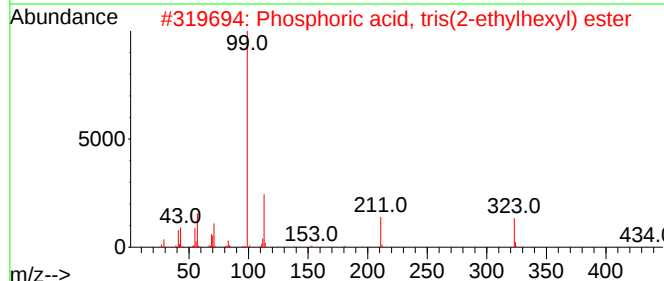
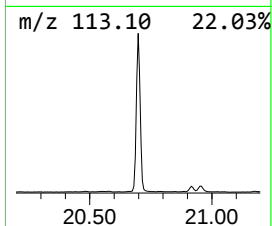
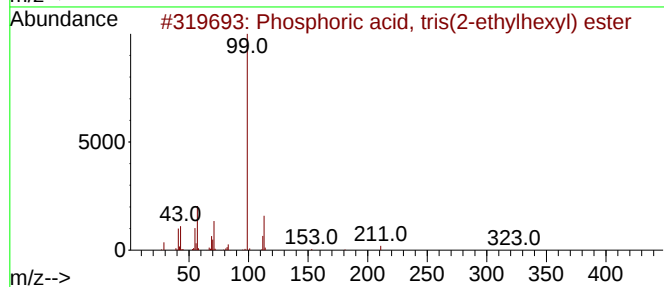
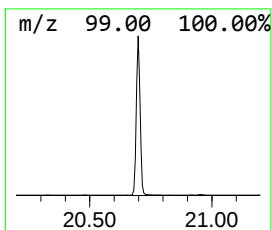
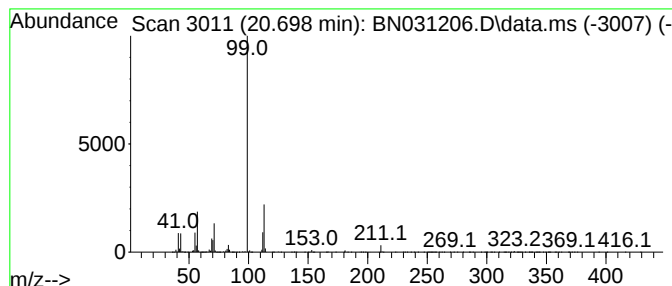
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phosphoric acid, tris(2-eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.698	20.22 ng/ul	6258700	Chrysene-d12	21.263

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	86
2			Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	78
3			Bis(2-ethylhexyl)hydrogen phosphate	322	C16H35O4P	000298-07-7	56
4			Phosphoric acid, trioctyl ester	434	C24H51O4P	001806-54-8	52
5			Phosphoric acid, tris(2-ethylhex...	434	C24H51O4P	000078-42-2	52



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Misc :
ALS Vial : 14 Sample Multiplier: 1

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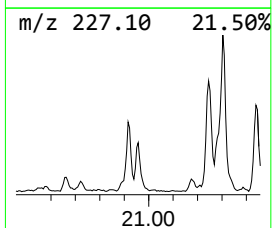
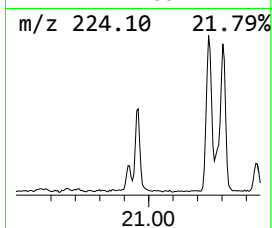
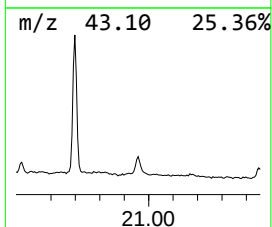
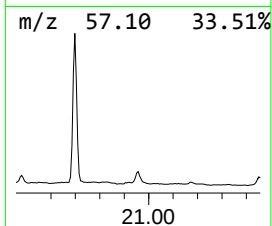
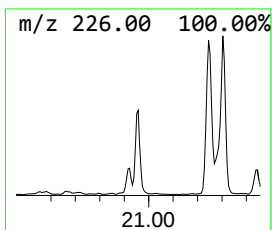
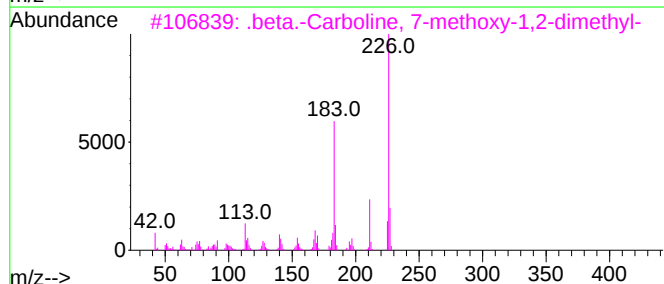
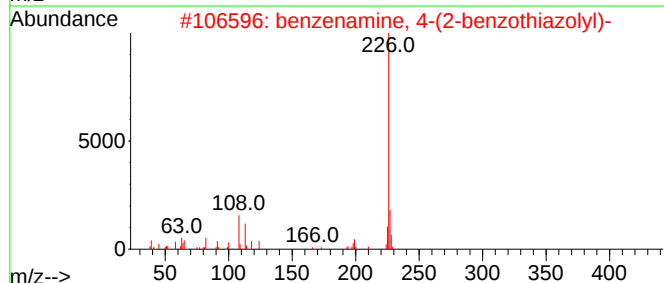
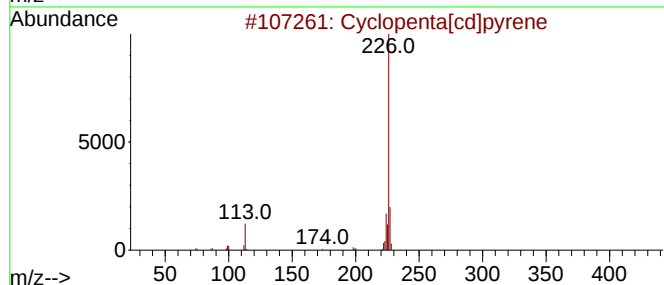
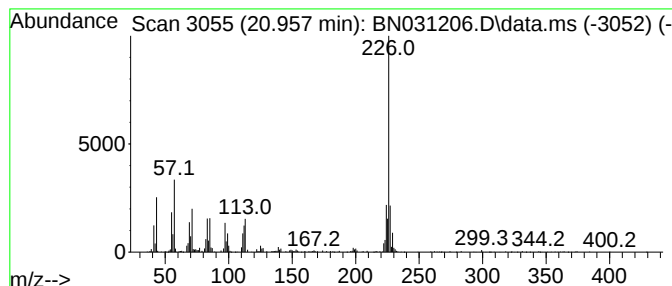
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Cyclopenta[cd]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.957	2.23 ng/ul	689567	Chrysene-d12	21.263

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	70
2			benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	47
3			.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	47
4			Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	46
5			3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	43



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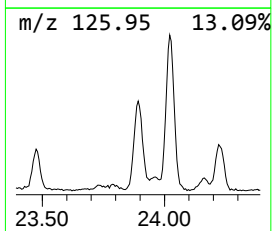
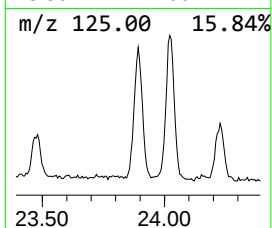
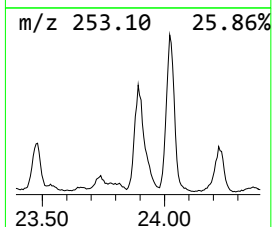
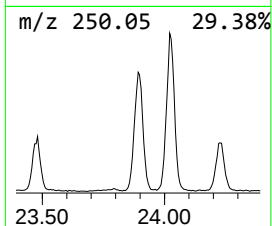
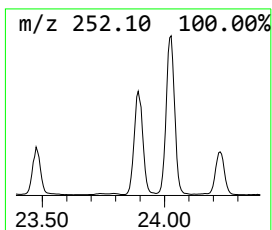
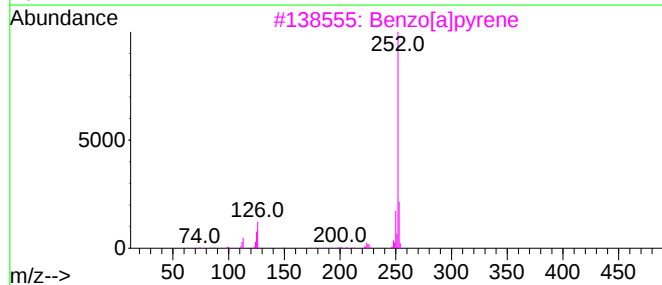
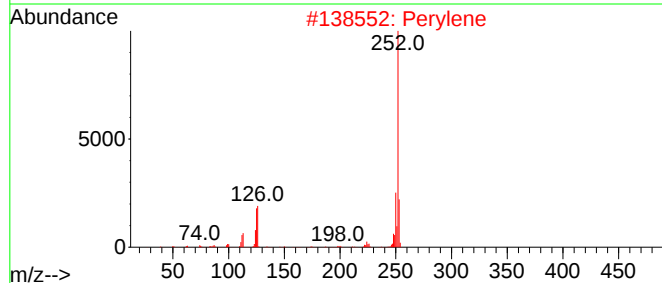
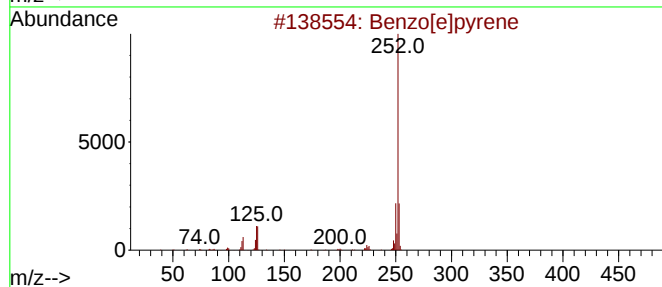
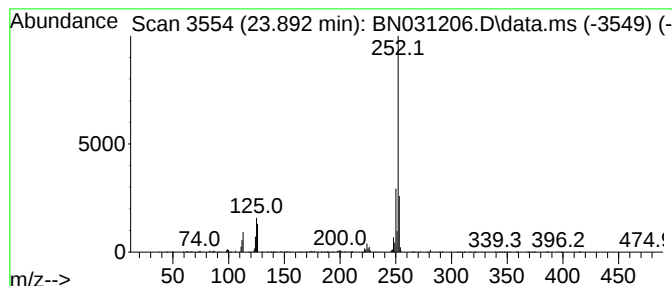
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.892	4.72 ng/ul	931817	Perylene-d12	24.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Perylene	252	C20H12	000198-55-0	96
3			Benzo[a]pyrene	252	C20H12	000050-32-8	96
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5			Perylene	252	C20H12	000198-55-0	93



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Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phosphoric acid...	20.698	20.2	ng/u1	6258700	5	21.263	6189220	20.0
Cyclopenta[cd]p...	20.957	2.2	ng/u1	689567	5	21.263	6189220	20.0
Benzo[e]pyrene	23.892	4.7	ng/u1	931817	6	24.163	3952220	20.0