

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
 Data File : BN032097.D
 Acq On : 20 Jun 2024 15:03
 Operator : MA/JU
 Sample : P2710-19DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4DG6DL

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: BN032097.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.875	147	151	155	rBV2	16115	21858	0.18%	0.010%
2	4.393	234	239	244	rBV5	14002	29784	0.24%	0.014%
3	6.816	644	651	652	rBV	266174	399106	3.22%	0.185%
4	6.840	652	655	671	rVB	385094	618109	4.98%	0.286%
5	6.981	673	679	685	rBV	210602	334455	2.70%	0.155%
6	7.069	687	694	704	rVB	1737101	2668326	21.50%	1.236%
7	7.169	705	711	712	rBV	269628	351119	2.83%	0.163%
8	7.199	712	716	729	rVB	962149	1615751	13.02%	0.748%
9	7.634	782	790	792	rBV	1125992	1705039	13.74%	0.790%
10	7.669	792	796	808	rVB	2544391	4062028	32.73%	1.881%
11	7.981	841	849	861	rBV	2527239	4153283	33.47%	1.923%
12	8.346	904	911	920	rBV	339758	583131	4.70%	0.270%
13	8.440	920	927	937	rBV	2043220	3267816	26.33%	1.513%
14	8.699	964	971	980	rVB	1376756	2277747	18.36%	1.055%
15	8.793	980	987	990	rBV	263636	433816	3.50%	0.201%
16	8.834	990	994	1003	rVB	418187	686739	5.53%	0.318%
17	9.187	1051	1054	1061	rVB6	10879	21388	0.17%	0.010%
18	9.357	1074	1083	1095	rBV	2708822	4397646	35.44%	2.036%
19	9.510	1101	1109	1110	rBV	214546	317788	2.56%	0.147%
20	9.540	1110	1114	1124	rVB	410874	727319	5.86%	0.337%
21	9.663	1129	1135	1142	rVV	99543	164829	1.33%	0.076%
22	9.840	1157	1165	1176	rBV	2402583	3756941	30.28%	1.740%
23	10.069	1192	1204	1217	rBV2	1567656	3239066	26.10%	1.500%
24	10.275	1234	1239	1245	rVB10	9878	17859	0.14%	0.008%
25	10.416	1247	1263	1276	rBV	1696981	2966782	23.91%	1.374%
26	10.563	1281	1288	1300	rBV	269993	503308	4.06%	0.233%
27	10.740	1310	1318	1326	rBV	2235315	3662294	29.51%	1.696%
28	11.163	1384	1390	1406	rVB	56772	130006	1.05%	0.060%
29	11.557	1452	1457	1462	rBV5	8487	17297	0.14%	0.008%
30	11.710	1476	1483	1496	rBV	666872	1172691	9.45%	0.543%
31	11.975	1522	1528	1532	rBV	29139	48559	0.39%	0.022%
32	12.081	1539	1546	1553	rBV	1464928	2417691	19.48%	1.120%
33	12.516	1615	1620	1626	rBV	40899	60253	0.49%	0.028%
34	12.704	1643	1652	1659	rBV	3202844	5032160	40.55%	2.330%
35	12.775	1659	1664	1677	rVV	664152	1165713	9.39%	0.540%
36	13.098	1715	1719	1723	rBV3	12951	19100	0.15%	0.009%

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Integrator: RTE

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

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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37	13.210	1733	1738	1743	rBV3	15321	31336	0.25%	0.015%
38	13.287	1747	1751	1755	rVV2	13675	20350	0.16%	0.009%
39	13.340	1755	1760	1764	rVB3	10883	18241	0.15%	0.008%
40	13.698	1814	1821	1830	rBV	761085	1054085	8.49%	0.488%
41	13.869	1843	1850	1858	rBV	3409118	5050192	40.70%	2.339%
42	13.969	1858	1867	1870	rVV	829472	1381892	11.14%	0.640%
43	13.998	1870	1872	1879	rVB	619542	831385	6.70%	0.385%
44	14.181	1895	1903	1907	rBV4	23042	40460	0.33%	0.019%
45	14.281	1911	1920	1925	rBV	2893901	4255552	34.29%	1.971%
46	14.345	1925	1931	1938	rVB	4053194	6049558	48.75%	2.801%
47	14.410	1938	1942	1946	rVB	35331	47791	0.39%	0.022%
48	14.516	1949	1960	1970	rBV3	1622877	3550295	28.61%	1.644%
49	14.592	1970	1973	1978	rVB	54571	80483	0.65%	0.037%
50	14.663	1979	1985	1991	rBV	2526443	3533476	28.47%	1.636%
51	14.798	2005	2008	2017	rVB9	14969	27596	0.22%	0.013%
52	14.910	2023	2027	2035	rVB2	47747	78180	0.63%	0.036%
53	15.081	2050	2056	2059	rBV6	10503	19677	0.16%	0.009%
54	15.134	2061	2065	2067	rBV3	25378	29507	0.24%	0.014%
55	15.275	2079	2089	2094	rBV	1111619	1685378	13.58%	0.780%
56	15.334	2094	2099	2107	rVV2	7074421	10555584	85.06%	4.888%
57	15.410	2107	2112	2121	rVB	202718	326215	2.63%	0.151%
58	15.581	2137	2141	2146	rVB	95510	131605	1.06%	0.061%
59	15.698	2157	2161	2165	rBV7	13508	24712	0.20%	0.011%
60	15.757	2167	2171	2174	rVB5	7122	13254	0.11%	0.006%
61	15.839	2179	2185	2192	rVV10	18732	48085	0.39%	0.022%
62	15.922	2196	2199	2204	rVV5	13365	24101	0.19%	0.011%
63	16.004	2208	2213	2223	rBV5	46576	99774	0.80%	0.046%
64	16.222	2237	2250	2257	rBV	1088758	1531344	12.34%	0.709%
65	16.334	2262	2269	2278	rBV	5498516	8256900	66.54%	3.823%
66	16.539	2301	2304	2307	rBV4	10637	12828	0.10%	0.006%
67	16.681	2321	2328	2339	rBV	4019983	6205434	50.01%	2.873%
68	16.945	2349	2373	2383	rBV2	990347	6548827	52.77%	3.032%
69	17.033	2383	2388	2391	rVV	3529587	5305356	42.75%	2.457%
70	17.075	2391	2395	2400	rVV	1921399	2739045	22.07%	1.268%
71	17.128	2400	2404	2407	rVV	1221236	1785032	14.38%	0.827%
72	17.163	2407	2410	2418	rVB	1894063	2541557	20.48%	1.177%
73	17.445	2455	2458	2463	rVB2	23559	32114	0.26%	0.015%
74	17.639	2488	2491	2497	rBV3	29571	41676	0.34%	0.019%
75	17.704	2498	2502	2509	rVB	116284	145781	1.17%	0.068%
76	17.928	2536	2540	2547	rBV	190410	304127	2.45%	0.141%

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77	18.004	2547	2553	2559	rVV	6203336	8005937	64.52%	3.707%
78	18.298	2600	2603	2608	rBV6	22355	39663	0.32%	0.018%
79	18.457	2625	2630	2635	rBV	146745	203921	1.64%	0.094%
80	18.886	2700	2703	2707	rVB	98118	102703	0.83%	0.048%
81	18.992	2718	2721	2723	rBV3	19891	25431	0.20%	0.012%
82	19.022	2723	2726	2731	rBV3	32946	45508	0.37%	0.021%
83	19.098	2732	2739	2744	rBV	6735516	9657041	77.82%	4.472%
84	19.222	2756	2760	2761	rBV3	109561	138557	1.12%	0.064%
85	19.275	2766	2769	2783	rVB3	429247	1177215	9.49%	0.545%
86	19.433	2790	2796	2798	rBV	1534527	2417933	19.48%	1.120%
87	19.463	2798	2801	2805	rVV	3293599	4327941	34.88%	2.004%
88	19.533	2805	2813	2832	rVB	1114880	3697171	29.79%	1.712%
89	20.369	2951	2955	2960	rBV	1729061	2055735	16.57%	0.952%
90	20.957	3051	3055	3065	rVB2	390363	831132	6.70%	0.385%
91	21.180	3087	3093	3099	rBV	7441258	9918714	79.93%	4.593%
92	21.257	3099	3106	3112	rVV2	5588297	12409371	100.00%	5.746%
93	21.316	3112	3116	3126	rVB	7758409	10902660	87.86%	5.049%
94	21.410	3130	3132	3137	rVB	123698	157951	1.27%	0.073%
95	23.204	3429	3437	3440	rBV2	575867	1759134	14.18%	0.815%
96	23.263	3441	3447	3456	rVB	4176853	8969939	72.28%	4.154%
97	23.980	3563	3569	3574	rBV2	527408	1205141	9.71%	0.558%
98	24.039	3574	3579	3588	rVB	765083	1704866	13.74%	0.789%
99	24.180	3595	3603	3617	rVB	1947753	5300387	42.71%	2.454%
100	27.504	4162	4168	4184	rVB3	987447	3396333	27.37%	1.573%

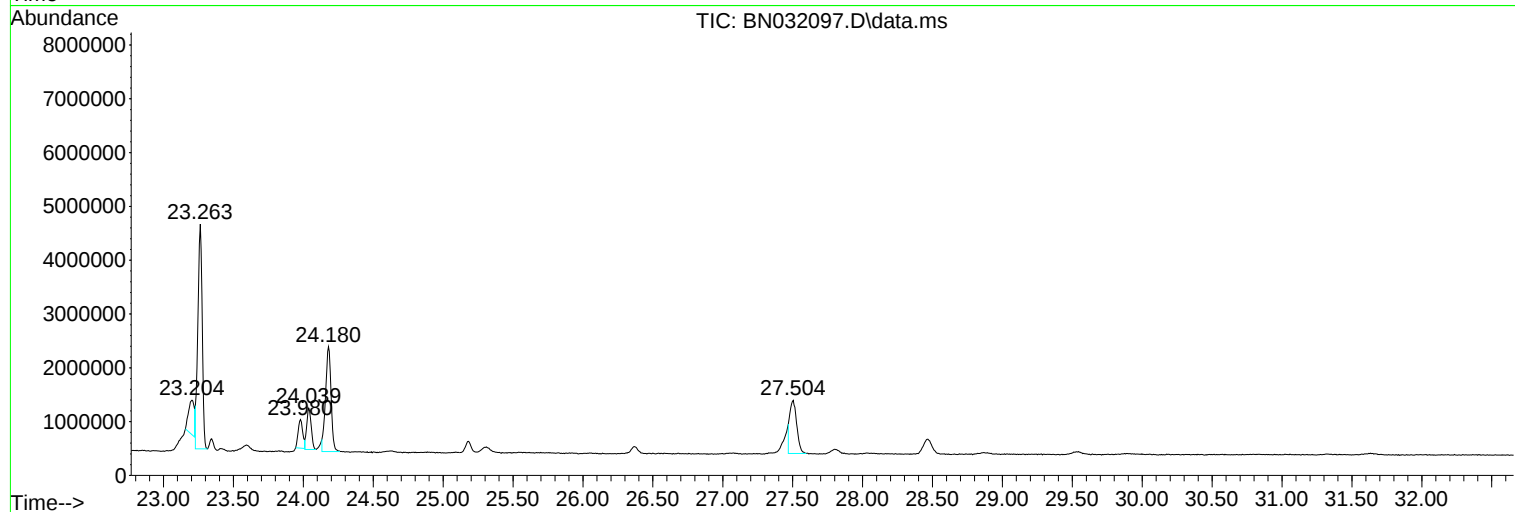
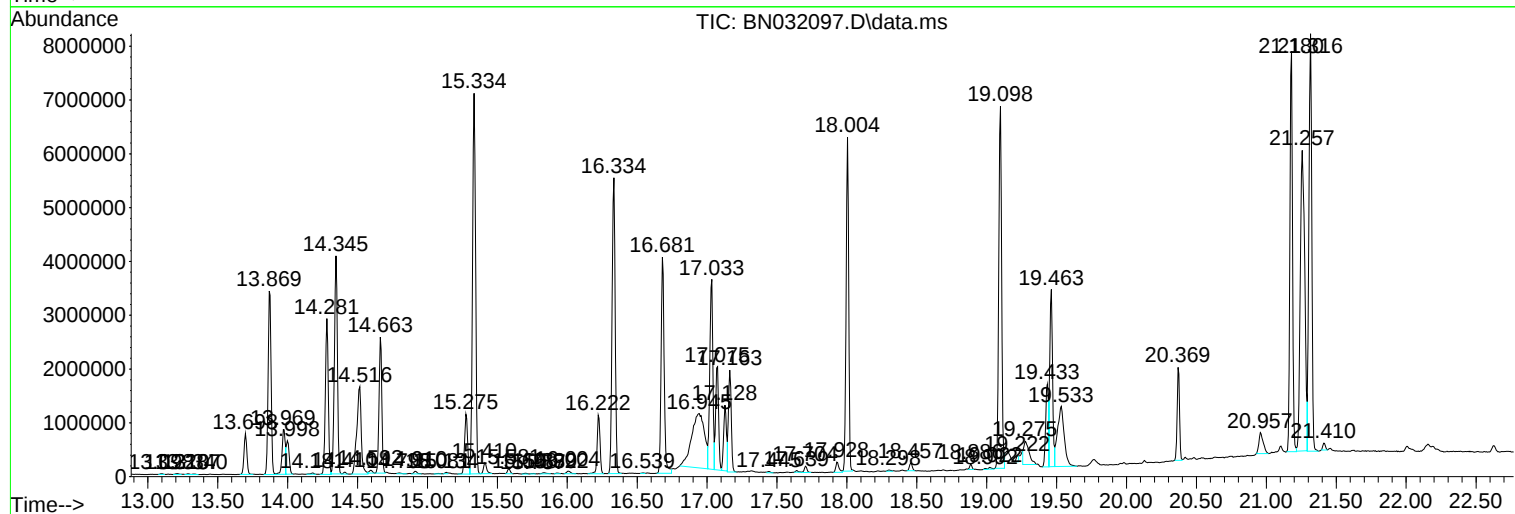
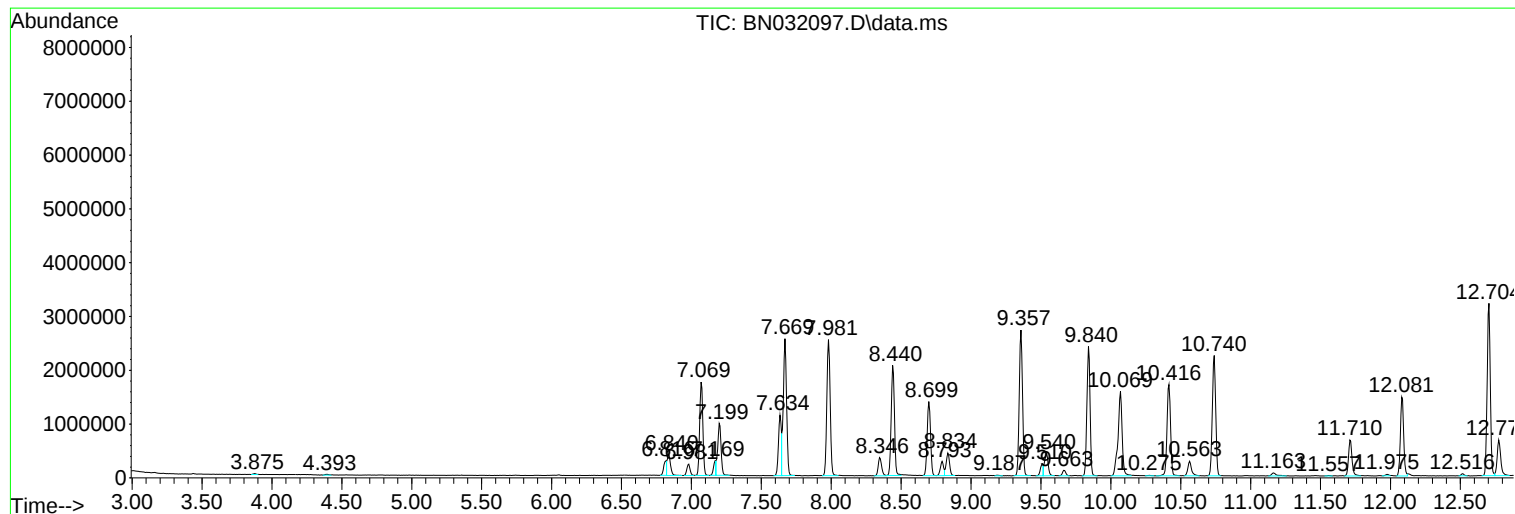
Sum of corrected areas: 215955966

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Instrument :
BNA_N
ClientSampleId :
A4DG6DL

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



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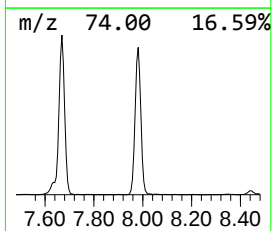
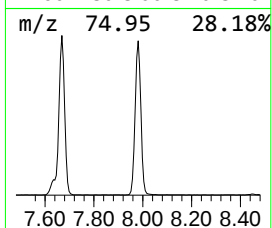
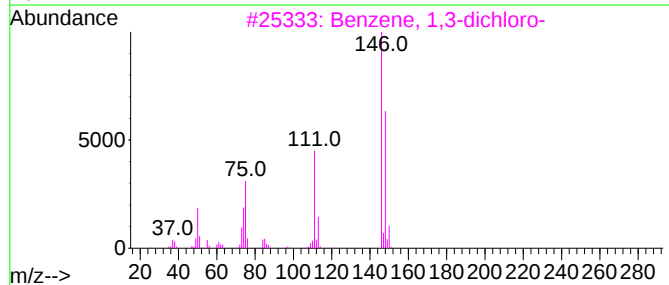
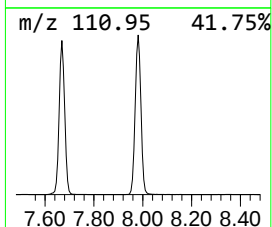
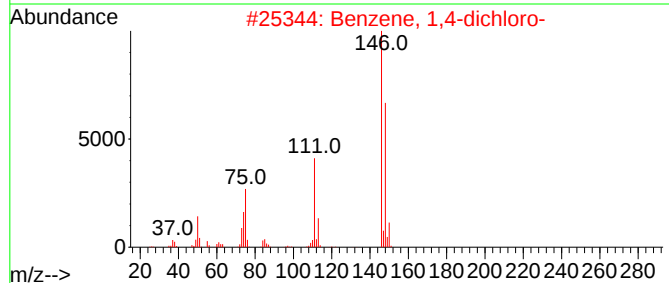
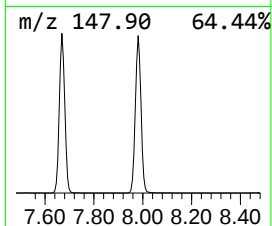
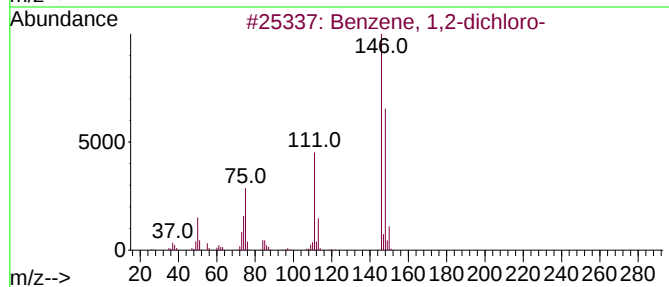
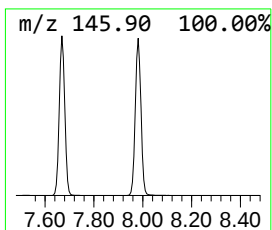
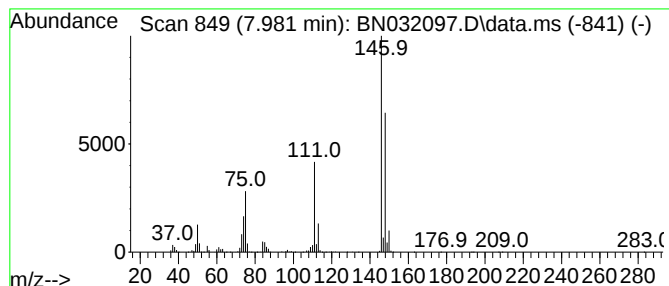
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, 1,2-dichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.981	48.72 ng/ul	4153280	1,4-Dichlorobenzene-d4	7.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
2			Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
3			Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
4			Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	96
5			Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96



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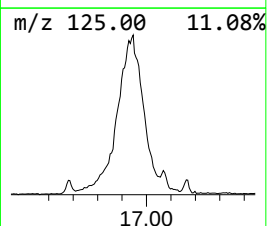
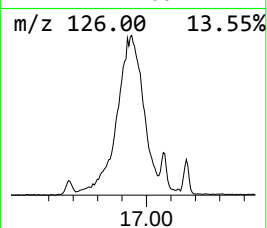
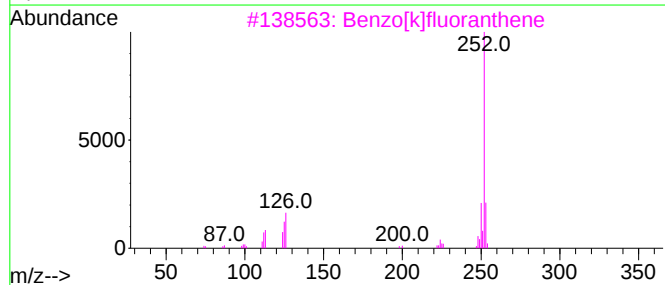
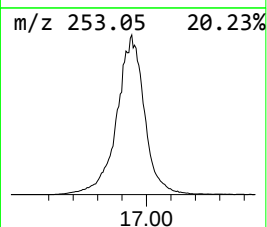
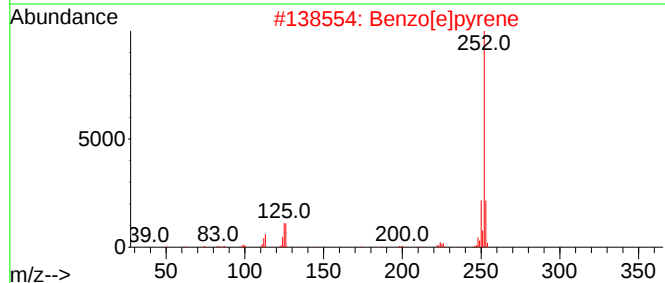
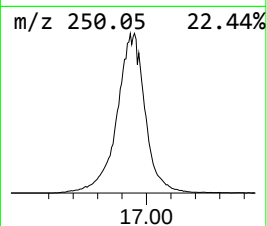
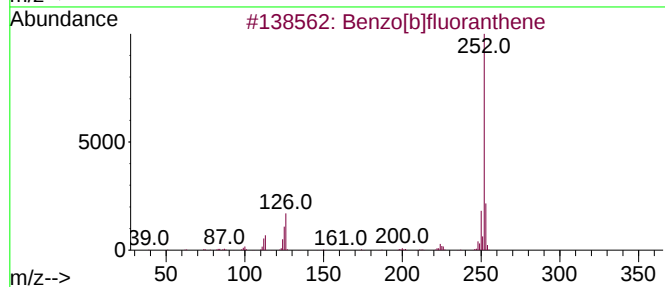
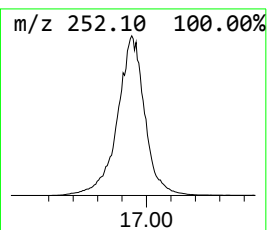
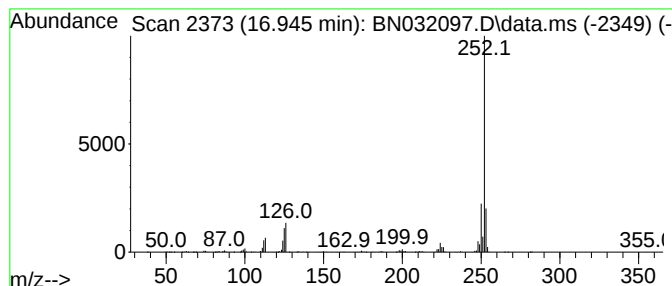
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.945	24.69 ng/ul	6548830	Phenanthrene-d10	17.034

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



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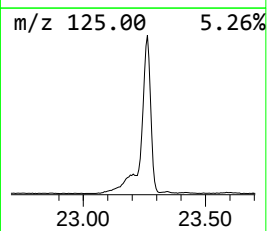
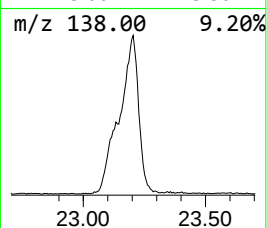
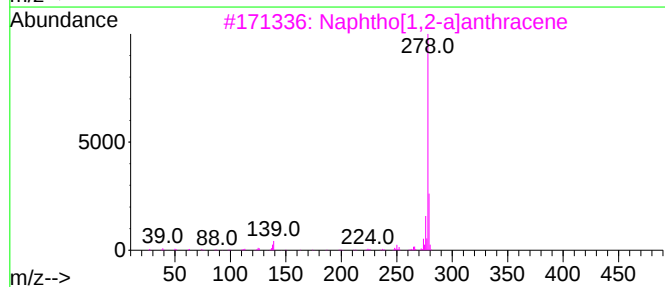
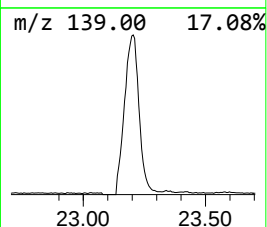
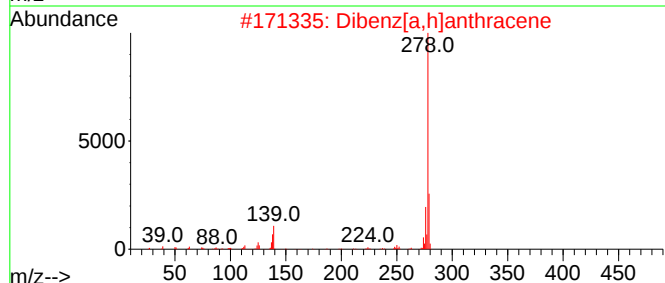
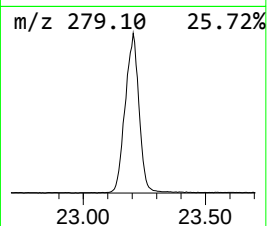
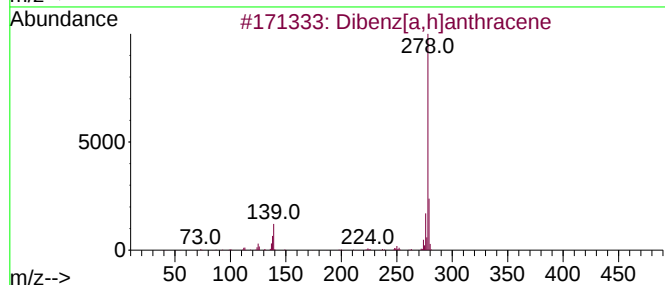
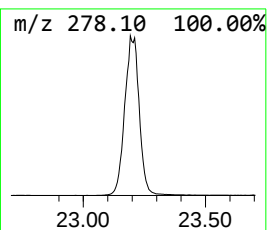
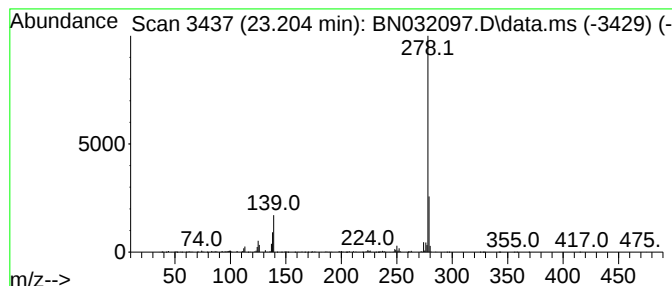
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphtho[1,2-a]anthracene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.204	6.64 ng/ul	1759130	Perylene-d12	24.186

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95
2			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
3			Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	93
4			Picene	278	C22H14	000213-46-7	93
5			Picene	278	C22H14	000213-46-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062024\
Data File : BN032097.D
Acq On : 20 Jun 2024 15:03
Operator : MA/JU
Sample : P2710-19DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4DG6DL

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,2-di...	7.981	48.7	ng/ul	4153280	1	7.634	1705040	20.0
Benzo[e]pyrene	16.945	24.7	ng/ul	6548830	4	17.034	5305360	20.0
Naphtho[1,2-a]a...	23.204	6.6	ng/ul	1759130	6	24.186	5300390	20.0