

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100424\
 Data File : BN034421.D
 Acq On : 05 Oct 2024 13:02
 Operator : RC/JU
 Sample : P4227-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PMW-2(20240925)

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-BN091124.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BN034421.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.969	8	14	21	rBV	2914429	5291083	99.04%	7.721%
2	3.028	21	24	34	rVB	571717	821013	15.37%	1.198%
3	3.264	59	64	71	rVB2	23634	44938	0.84%	0.066%
4	3.687	133	136	143	rVB	19407	29592	0.55%	0.043%
5	3.787	150	153	159	rVB4	10045	15472	0.29%	0.023%
6	4.122	206	210	215	rVB3	5328	8602	0.16%	0.013%
7	4.281	234	237	245	rVB8	4094	7419	0.14%	0.011%
8	4.452	261	266	271	rBV2	14898	22100	0.41%	0.032%
9	4.563	280	285	292	rBV3	15053	23723	0.44%	0.035%
10	4.763	313	319	325	rVB	147236	217664	4.07%	0.318%
11	4.905	338	343	344	rBV5	5503	7913	0.15%	0.012%
12	5.105	372	377	380	rVB2	8483	12518	0.23%	0.018%
13	5.528	444	449	455	rVB6	14317	22343	0.42%	0.033%
14	5.681	469	475	480	rVB	27184	40399	0.76%	0.059%
15	5.769	484	490	494	rBV	36770	55237	1.03%	0.081%
16	6.140	549	553	565	rVB	18435	36127	0.68%	0.053%
17	6.581	621	628	642	rBV	413994	684573	12.81%	0.999%
18	6.734	648	654	663	rBV	843769	1271392	23.80%	1.855%
19	6.916	678	685	693	rBV	1065139	1662589	31.12%	2.426%
20	6.987	693	697	711	rVB	119244	193202	3.62%	0.282%
21	7.263	738	744	751	rBV	93778	144075	2.70%	0.210%
22	7.375	756	763	767	rBV	862030	1389390	26.01%	2.027%
23	7.410	767	769	778	rVV	282590	389003	7.28%	0.568%
24	7.493	778	783	789	rVB	36748	56843	1.06%	0.083%
25	7.728	817	823	830	rVB4	14705	38770	0.73%	0.057%
26	7.857	842	845	852	rVB7	7704	12938	0.24%	0.019%
27	8.093	878	885	901	rBV	1003573	1623150	30.38%	2.368%
28	8.357	924	930	935	rBV7	7051	14917	0.28%	0.022%
29	8.522	950	958	974	rBV	918645	1481613	27.73%	2.162%
30	8.969	1029	1034	1040	rVB5	6561	10965	0.21%	0.016%
31	9.104	1050	1057	1063	rVB9	3080	7448	0.14%	0.011%
32	9.181	1063	1070	1072	rBV	16905	27445	0.51%	0.040%
33	9.234	1072	1079	1092	rVB	785100	1250321	23.40%	1.824%
34	9.504	1121	1125	1128	rBV5	5331	9760	0.18%	0.014%
35	9.669	1150	1153	1158	rBV5	3990	7384	0.14%	0.011%
36	9.763	1161	1169	1192	rBV	1163226	2001080	37.46%	2.920%

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37	10.004	1204	1210	1215	rBV	82007	131741	2.47%	0.192%
38	10.134	1225	1232	1239	rBV	1109430	1802745	33.74%	2.631%
39	10.281	1248	1257	1272	rBV2	705622	1441207	26.98%	2.103%
40	10.393	1274	1276	1286	rVB7	14796	26696	0.50%	0.039%
41	10.769	1336	1340	1344	rVB6	6492	9860	0.18%	0.014%
42	11.069	1384	1391	1403	rBV	25663	74622	1.40%	0.109%
43	11.240	1415	1420	1427	rVB	15658	24624	0.46%	0.036%
44	11.357	1433	1440	1445	rBV10	6340	13511	0.25%	0.020%
45	11.416	1446	1450	1454	rVV6	6858	11787	0.22%	0.017%
46	11.734	1495	1504	1510	rBV3	21616	44281	0.83%	0.065%
47	12.034	1549	1555	1559	rVB7	4766	10874	0.20%	0.016%
48	12.304	1594	1601	1603	rBV5	3374	6530	0.12%	0.010%
49	12.481	1625	1631	1632	rBV3	16729	28276	0.53%	0.041%
50	12.834	1685	1691	1696	rBV	137158	205624	3.85%	0.300%
51	12.939	1705	1709	1715	rBV4	9855	14611	0.27%	0.021%
52	13.063	1725	1730	1734	rBV6	4065	6693	0.13%	0.010%
53	13.122	1734	1740	1751	rVV	242921	372909	6.98%	0.544%
54	13.269	1759	1765	1770	rBV	81857	128889	2.41%	0.188%
55	13.457	1791	1797	1808	rBV	1876566	2585256	48.39%	3.772%
56	13.716	1831	1841	1859	rBV	2132638	3188549	59.68%	4.653%
57	13.845	1860	1863	1868	rVB2	7506	10809	0.20%	0.016%
58	14.028	1888	1894	1909	rBV	2105820	3305219	61.87%	4.823%
59	14.269	1927	1935	1946	rBV	181813	367176	6.87%	0.536%
60	14.428	1959	1962	1965	rBV2	9552	11846	0.22%	0.017%
61	14.463	1965	1968	1970	rVV3	8066	12359	0.23%	0.018%
62	14.486	1970	1972	1980	rVB7	15887	21682	0.41%	0.032%
63	14.586	1982	1989	2008	rBV	2244503	3311040	61.98%	4.831%
64	14.739	2010	2015	2023	rVV	74227	118700	2.22%	0.173%
65	14.798	2023	2025	2030	rVB6	6445	10522	0.20%	0.015%
66	15.033	2058	2065	2078	rBV	2691905	3827193	71.64%	5.585%
67	15.169	2081	2088	2099	rVV	866290	1170508	21.91%	1.708%
68	15.275	2103	2106	2114	rVB6	16955	31020	0.58%	0.045%
69	15.410	2125	2129	2135	rBV	27053	38375	0.72%	0.056%
70	15.569	2151	2156	2159	rBV6	8434	12007	0.22%	0.018%
71	15.680	2172	2175	2178	rBV4	4535	7191	0.13%	0.010%
72	15.716	2178	2181	2185	rVB6	5032	6891	0.13%	0.010%
73	15.851	2193	2204	2225	rBV	537579	1056789	19.78%	1.542%
74	16.457	2302	2307	2308	rBV5	6781	9324	0.17%	0.014%
75	16.533	2316	2320	2325	rBV7	9848	15265	0.29%	0.022%
76	16.586	2325	2329	2333	rVB6	7978	12577	0.24%	0.018%

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 Title : SVOA CALIBRATION

77	16.745	2352	2356	2358	rBV3	21386	29210	0.55%	0.043%
78	16.786	2358	2363	2374	rVV	1696826	2314485	43.32%	3.377%
79	16.886	2374	2380	2393	rVV2	2819189	3984174	74.58%	5.814%
80	17.169	2424	2428	2434	rBV2	27182	41553	0.78%	0.061%
81	17.222	2434	2437	2441	rVV6	6629	9815	0.18%	0.014%
82	17.298	2445	2450	2451	rBV5	11956	16192	0.30%	0.024%
83	17.316	2451	2453	2458	rVB2	13508	21701	0.41%	0.032%
84	17.416	2463	2470	2477	rVV	31454	73807	1.38%	0.108%
85	17.480	2479	2481	2489	rVB8	13907	20020	0.37%	0.029%
86	17.722	2517	2522	2526	rBV	145459	217882	4.08%	0.318%
87	17.769	2526	2530	2546	rVB	824512	1226507	22.96%	1.790%
88	18.057	2574	2579	2586	rVB	186271	254857	4.77%	0.372%
89	18.527	2653	2659	2668	rBV	1220307	1627902	30.47%	2.375%
90	18.757	2694	2698	2703	rVB3	42041	59713	1.12%	0.087%
91	18.827	2706	2710	2713	rBV	41227	61516	1.15%	0.090%
92	18.898	2719	2722	2726	rVB5	12176	16415	0.31%	0.024%
93	19.021	2738	2743	2748	rBV	115065	160381	3.00%	0.234%
94	19.198	2767	2773	2780	rBV	3497176	4602181	86.15%	6.715%
95	19.851	2880	2884	2891	rBV	67441	81963	1.53%	0.120%
96	20.010	2907	2911	2918	rBV	99175	142085	2.66%	0.207%
97	20.710	3027	3030	3035	rVB2	100869	111148	2.08%	0.162%
98	21.021	3078	3083	3094	rBV2	1871395	2539235	47.53%	3.705%
99	23.545	3504	3512	3528	rVB	2411285	5342339	100.00%	7.795%
100	23.727	3535	3543	3564	rVB	1373569	3157889	59.11%	4.608%

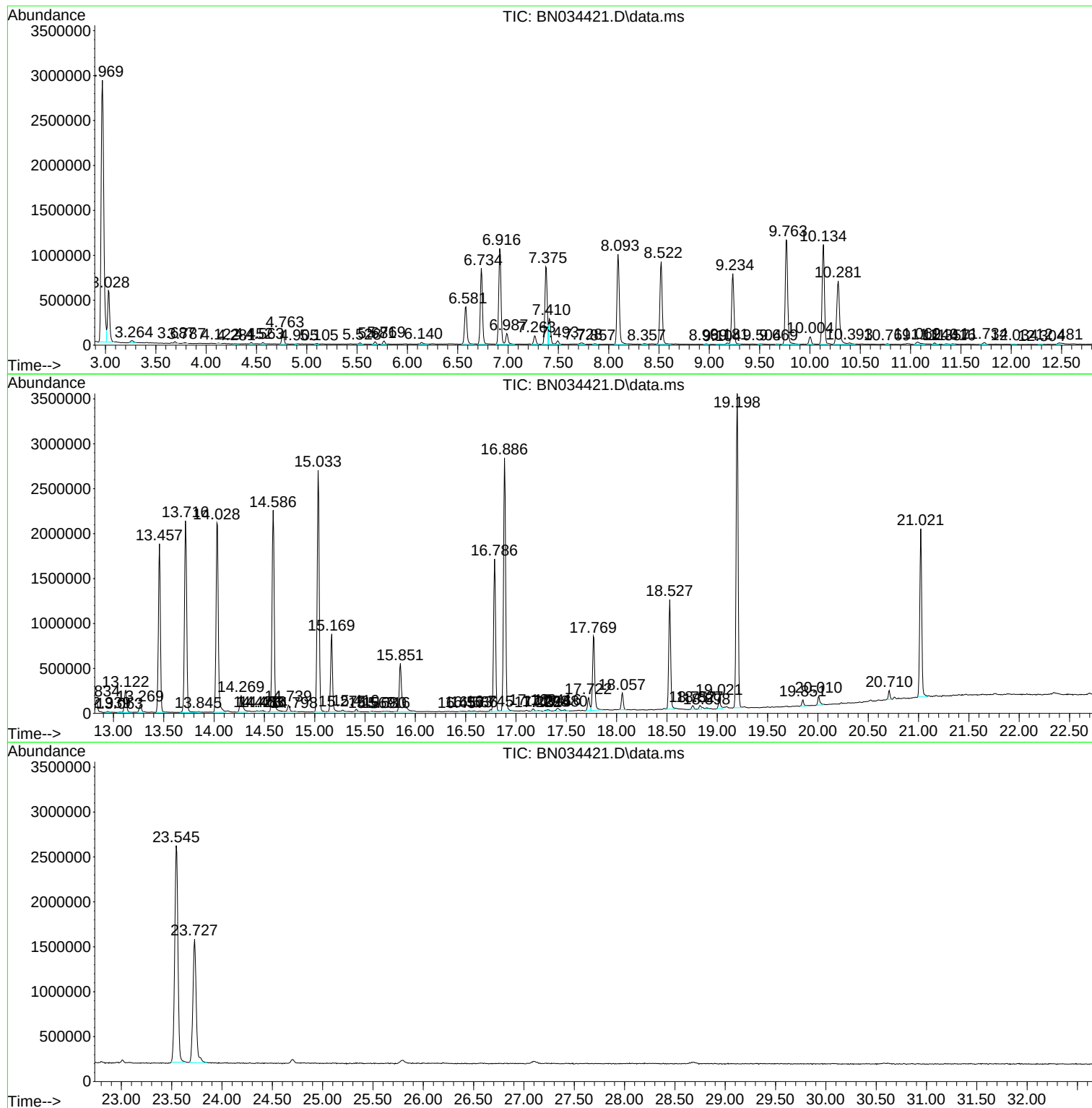
Sum of corrected areas: 68531749

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

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



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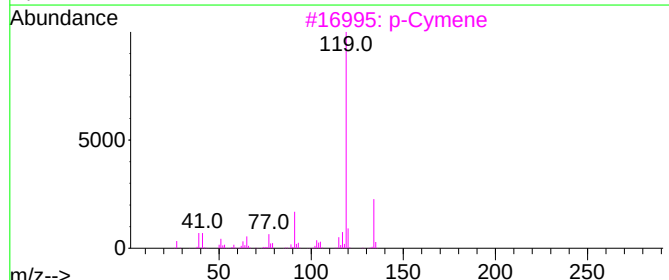
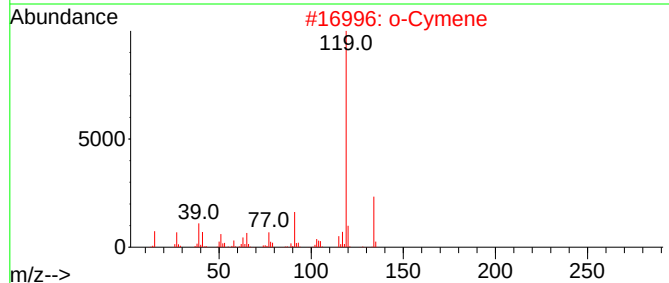
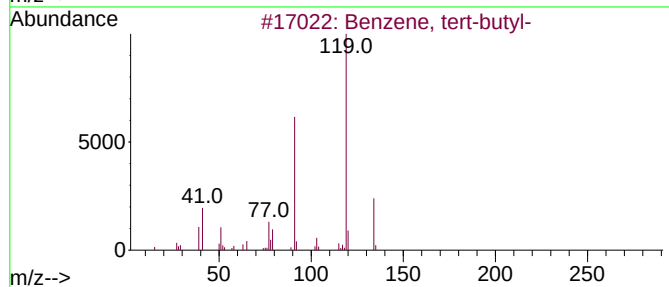
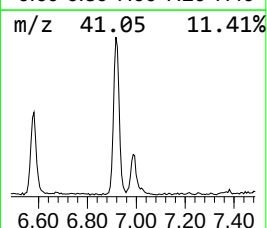
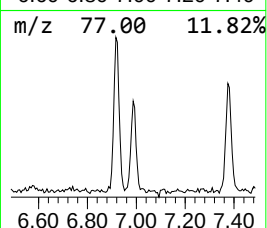
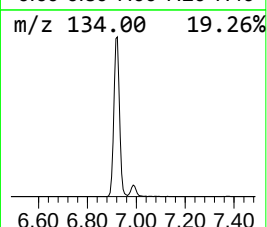
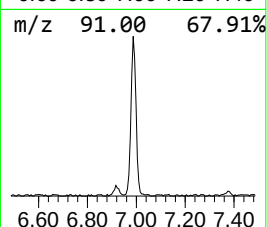
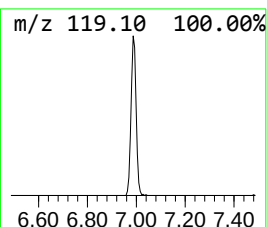
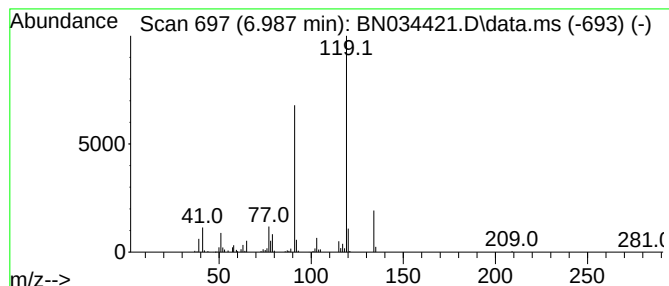
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, tert-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.987	2.78 ng/ul	193202	1,4-Dichlorobenzene-d4	7.381

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, tert-butyl-	134	C10H14	000098-06-6	94
2			o-Cymene	134	C10H14	000527-84-4	91
3			p-Cymene	134	C10H14	000099-87-6	91
4			Benzene, tert-butyl-	134	C10H14	000098-06-6	90
5			Benzene, tert-butyl-	134	C10H14	000098-06-6	90



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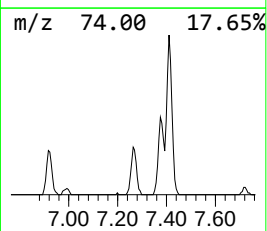
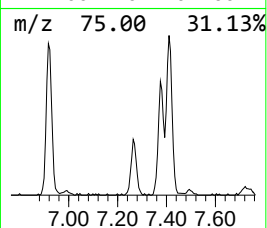
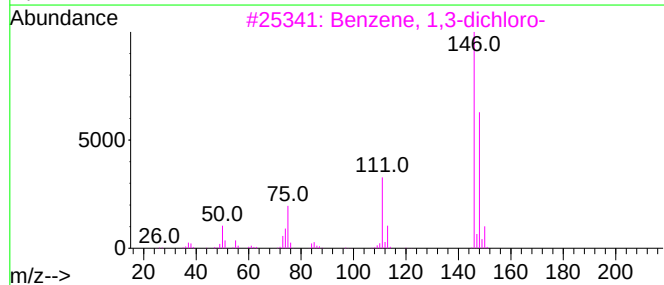
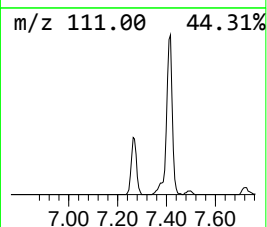
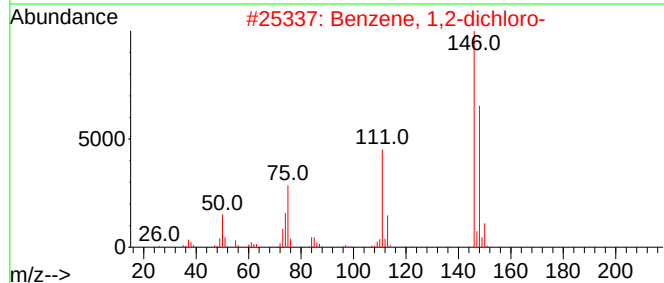
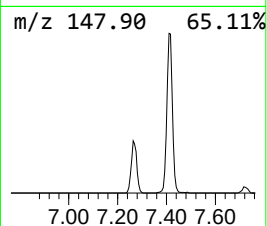
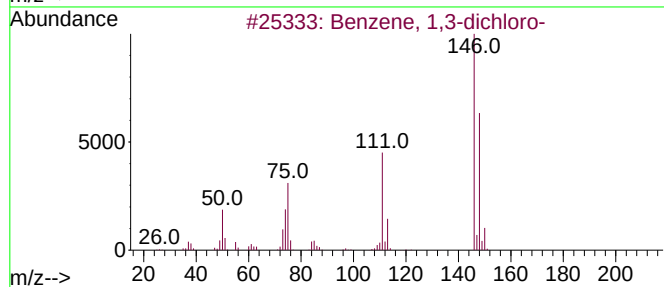
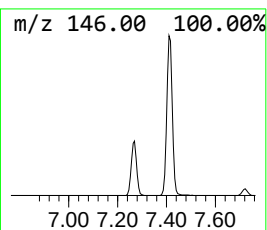
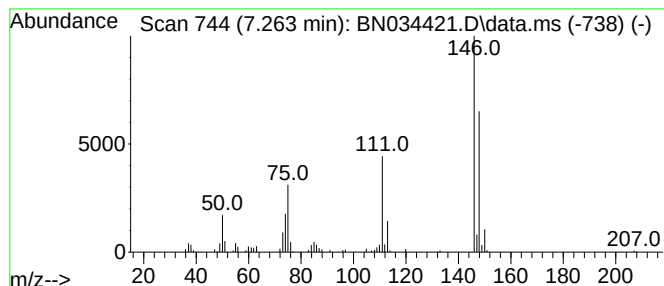
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzene, 1,3-dichloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.263	2.07 ng/ul	144075	1,4-Dichlorobenzene-d4	7.381

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
2			Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
3			Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
4			Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96
5			Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	95



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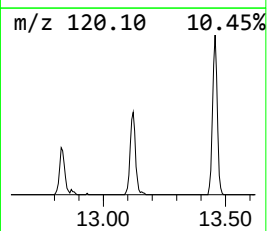
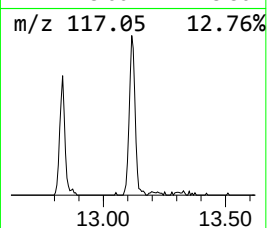
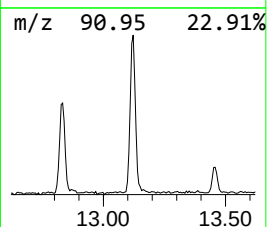
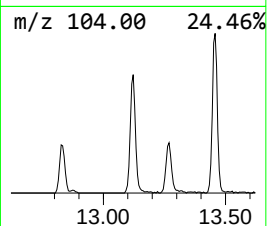
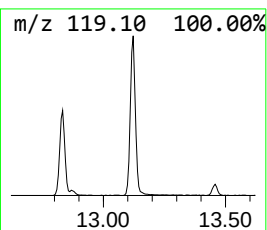
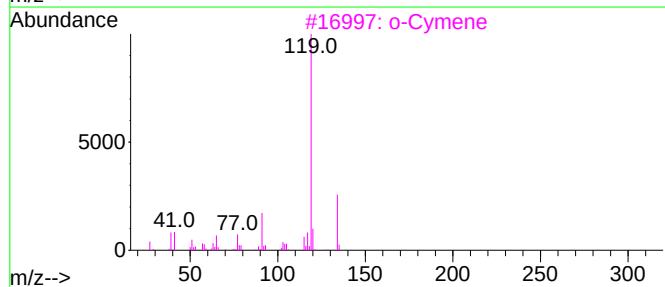
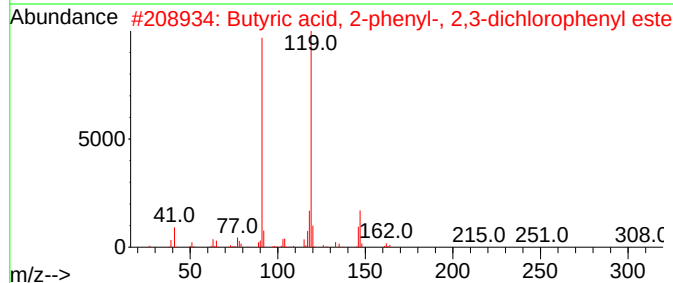
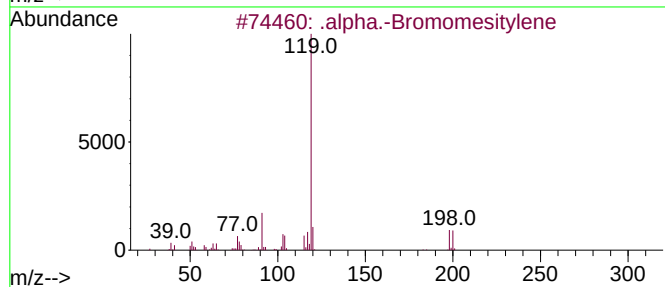
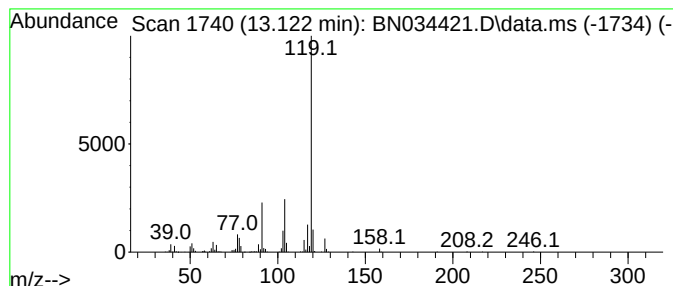
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 .alpha.-Bromomesitylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.122	2.26 ng/ul	372909	Acenaphthene-d10	14.028

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Bromomesitylene	198	C9H11Br	027129-86-8	64
2			Butyric acid, 2-phenyl-, 2,3-dic...	308	C16H14Cl2O2	1000406-86-5	59
3			o-Cymene	134	C10H14	000527-84-4	59
4			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	59
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100424\
Data File : BN034421.D
Acq On : 05 Oct 2024 13:02
Operator : RC/JU
Sample : P4227-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-2(20240925)

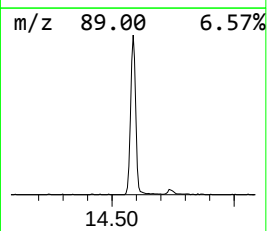
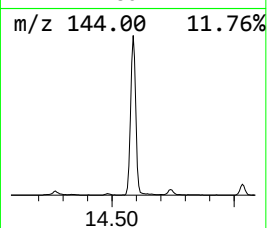
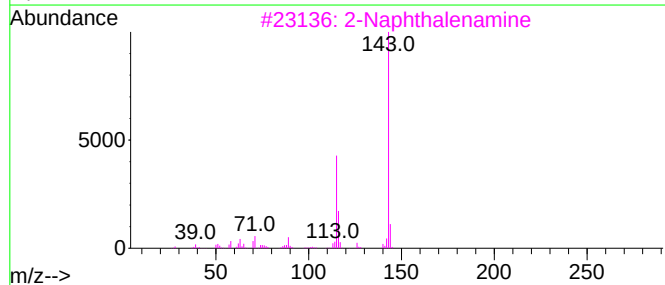
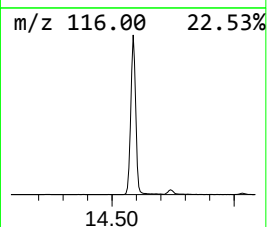
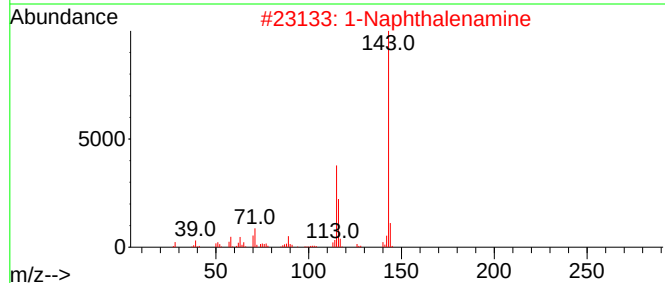
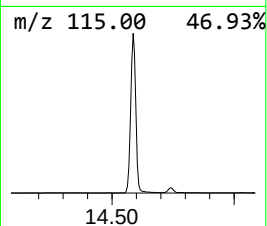
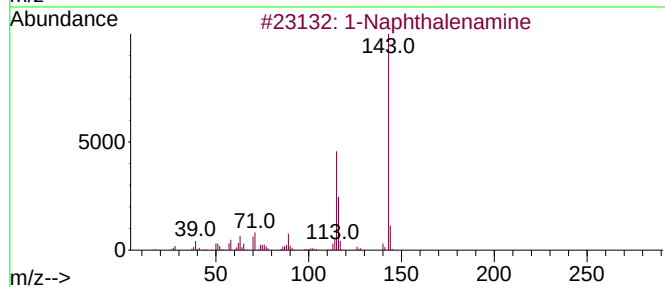
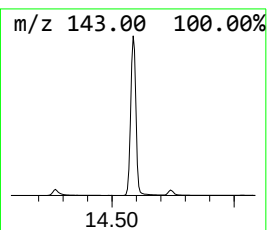
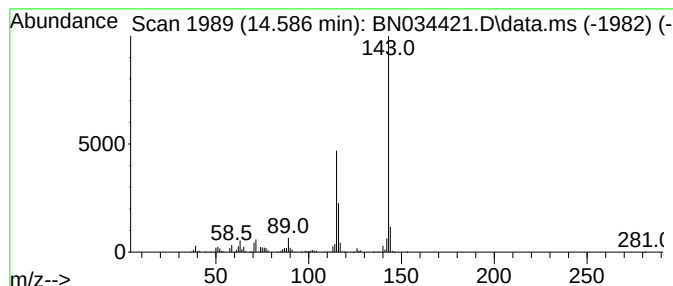
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1-Naphthalenamine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.586	20.04 ng/ul	3311040	Acenaphthene-d10	14.028

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenamine			143	C10H9N	000134-32-7	97
2	1-Naphthalenamine			143	C10H9N	000134-32-7	97
3	2-Naphthalenamine			143	C10H9N	000091-59-8	95
4	1-Naphthalenamine			143	C10H9N	000134-32-7	94
5	2-Naphthalenamine			143	C10H9N	000091-59-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100424\
Data File : BN034421.D
Acq On : 05 Oct 2024 13:02
Operator : RC/JU
Sample : P4227-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-2(20240925)

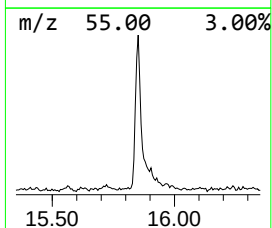
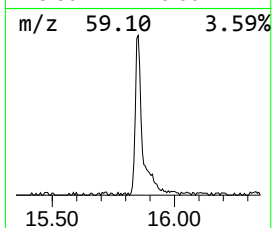
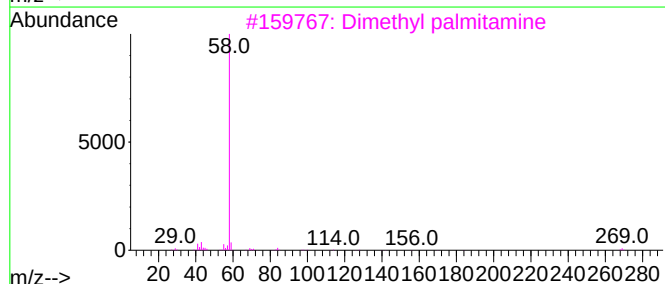
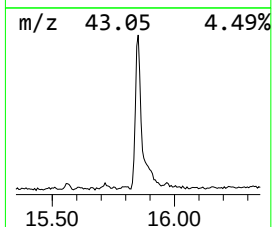
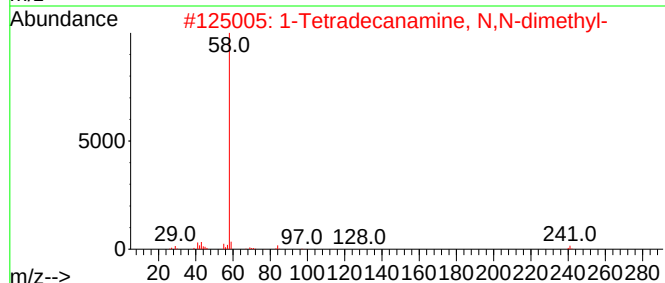
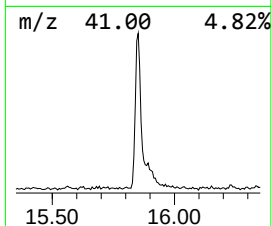
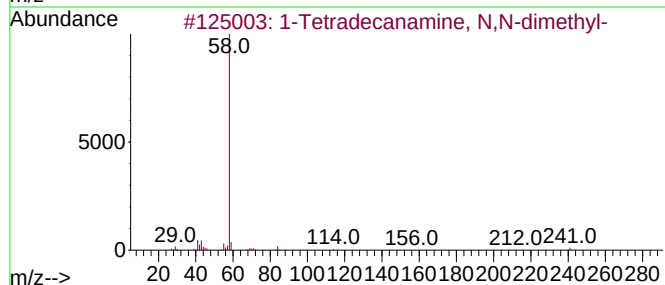
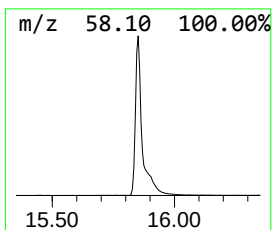
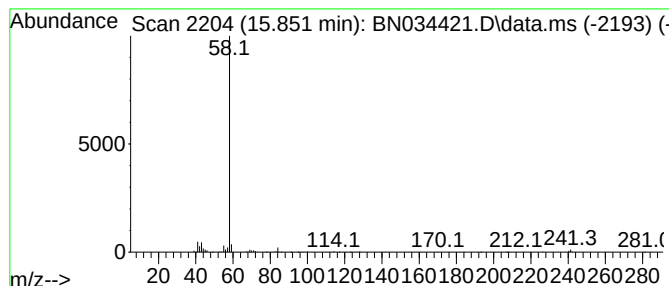
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1-Tetradecanamine, N,N-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.851	9.13 ng/ul	1056790	Phenanthrene-d10	16.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Tetradecanamine, N,N-dimethyl-	241	C16H35N	000112-75-4	91
2			1-Tetradecanamine, N,N-dimethyl-	241	C16H35N	000112-75-4	90
3			Dimethyl palmitamine	269	C18H39N	000112-69-6	78
4			3(N,N-Dimethylmyristylammonio)pr...	363	C19H41NO3S	014933-09-6	78
5			1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100424\
Data File : BN034421.D
Acq On : 05 Oct 2024 13:02
Operator : RC/JU
Sample : P4227-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PMW-2(20240925)

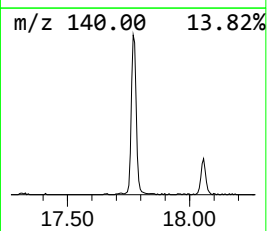
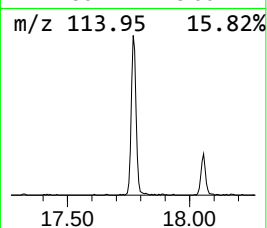
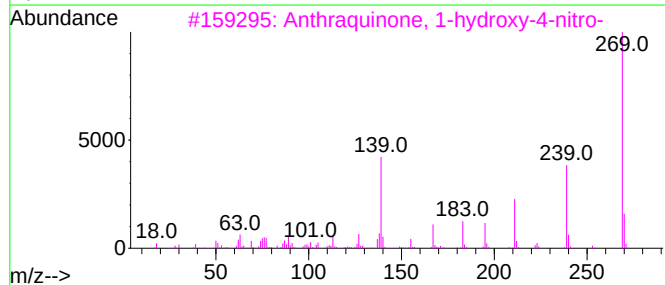
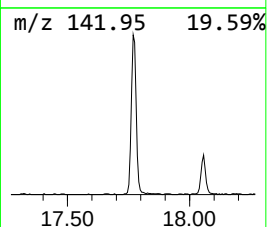
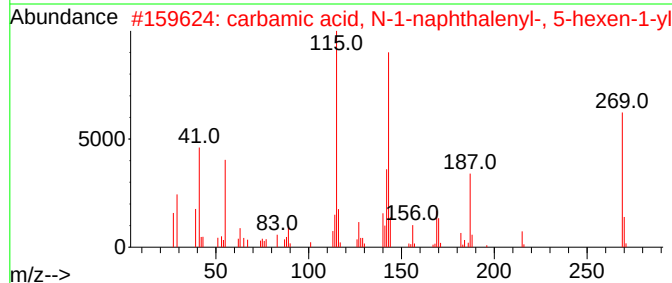
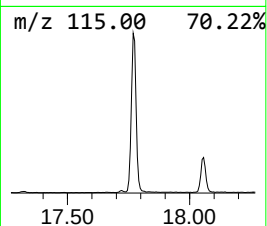
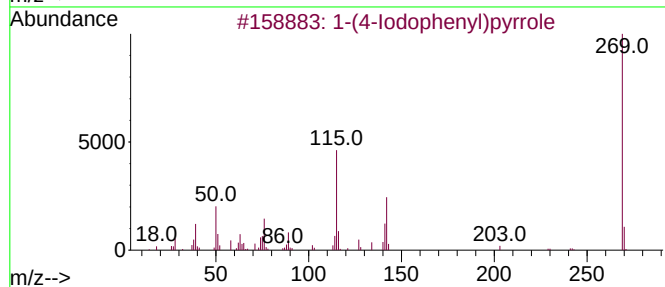
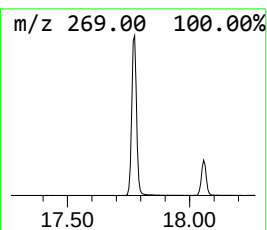
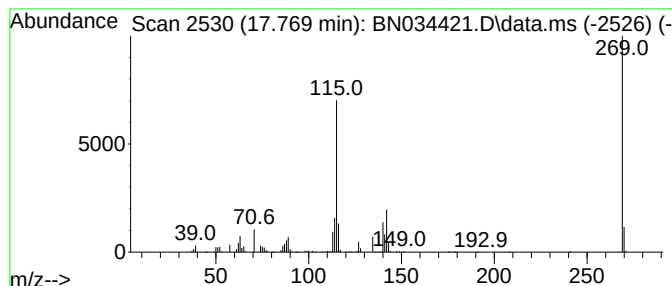
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1-(4-Iodophenyl)pyrrole Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.769	10.60 ng/ul	1226510	Phenanthrene-d10	16.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-(4-Iodophenyl)pyrrole	269	C10H8IN	092636-36-7	74
2			carbamic acid, N-1-naphthalenyl-...	269	C17H19NO2	1010396-97-3	38
3			Anthraquinone, 1-hydroxy-4-nitro-	269	C14H7NO5	000081-65-2	32
4			1H-Indene-3-carboxylic acid, 7-(...	268	C12H12O5S	139120-17-5	22
5			Methyl 4-(5-nitro-1H-benzimidazo...	269	C14H11N3O3	096954-35-7	17



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100424\
Data File : BN034421.D
Acq On : 05 Oct 2024 13:02
Operator : RC/JU
Sample : P4227-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-2(20240925)

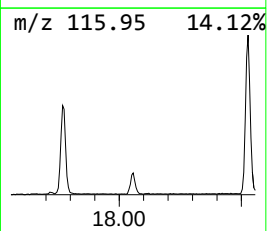
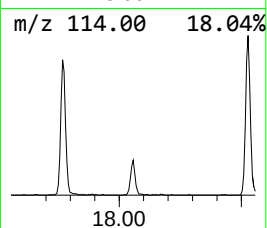
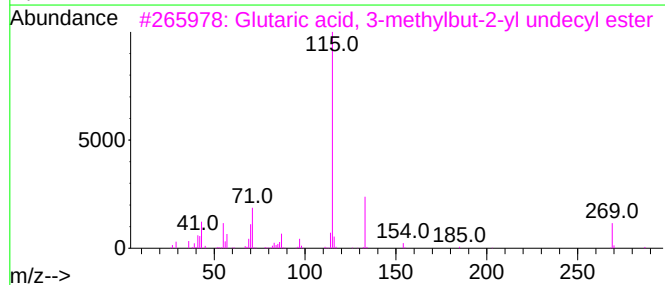
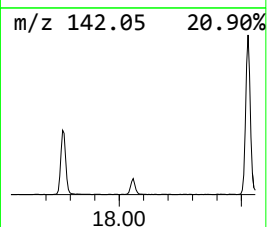
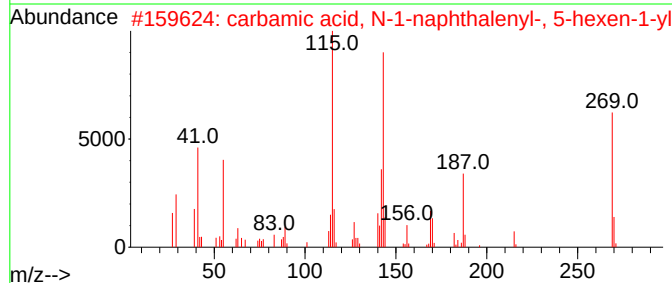
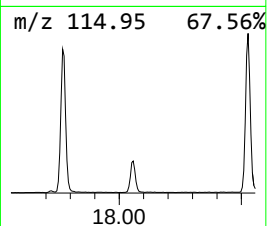
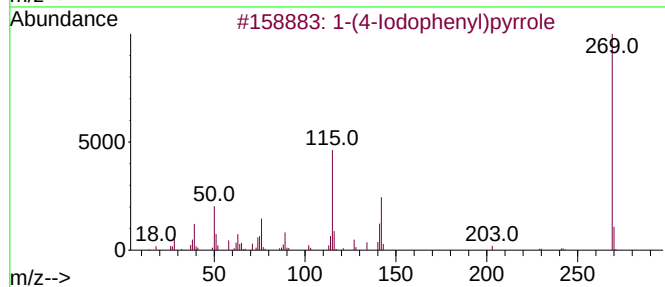
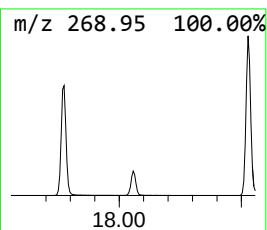
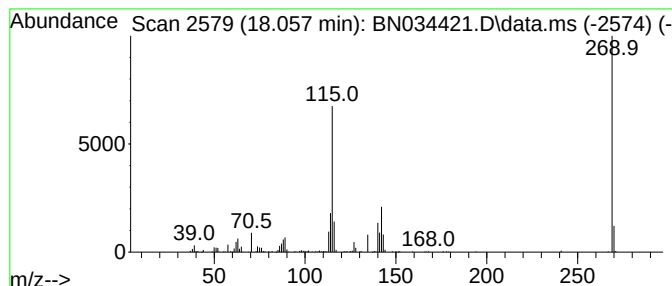
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.057	2.20 ng/ul	254857	Phenanthrene-d10	16.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-(4-Iodophenyl)pyrrole	269	C10H8IN	092636-36-7	64
2			carbamic acid, N-1-naphthalenyl-...	269	C17H19NO2	1010396-97-3	38
3			Glutaric acid, 3-methylbut-2-yl ...	356	C21H40O4	1010359-72-7	33
4			Vitamin K5, N- trifluoroacetyl-	269	C13H10F3NO2	1000453-05-6	28
5			Anthraquinone, 1-hydroxy-4-nitro-	269	C14H7NO5	000081-65-2	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100424\
Data File : BN034421.D
Acq On : 05 Oct 2024 13:02
Operator : RC/JU
Sample : P4227-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-2(20240925)

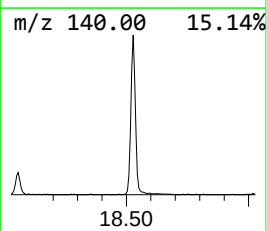
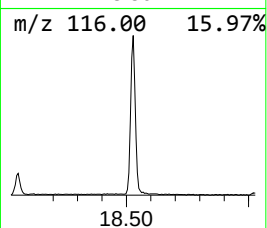
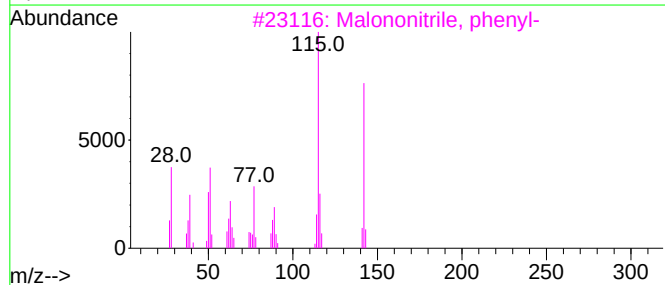
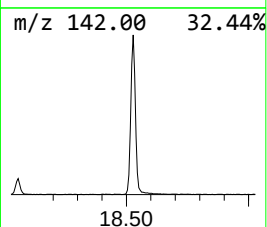
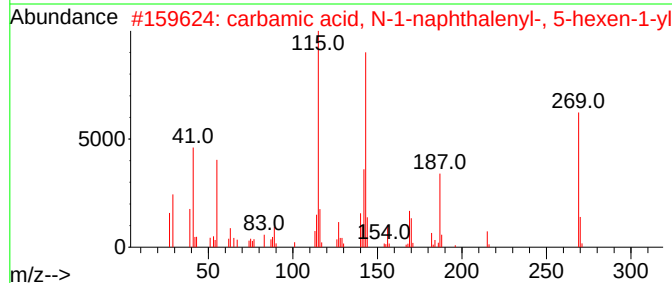
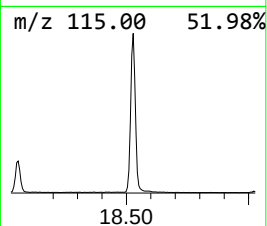
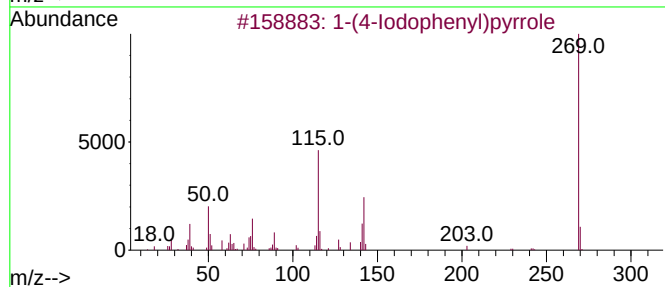
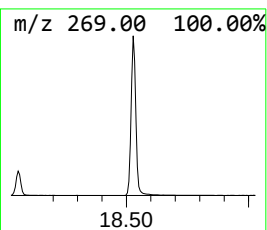
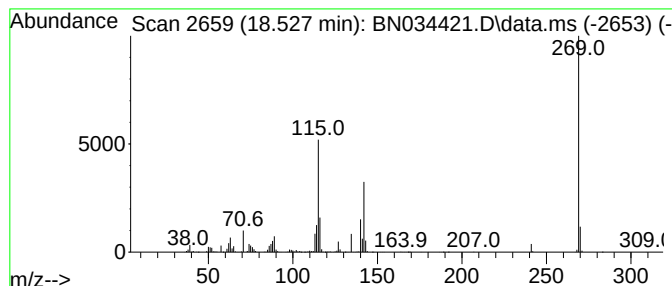
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.527	14.07 ng/ul	1627900	Phenanthrene-d10	16.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-(4-Iodophenyl)pyrrole	269	C10H8IN	092636-36-7	90
2			carbamic acid, N-1-naphthalenyl-...	269	C17H19NO2	1010396-97-3	43
3			Malononitrile, phenyl-	142	C9H6N2	003041-40-5	41
4			Anthraquinone, 1-hydroxy-4-nitro-	269	C14H7NO5	000081-65-2	38
5			Methyl 4-(5-nitro-1H-benzimidazo...	269	C14H11N3O3	096954-35-7	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100424\
Data File : BN034421.D
Acq On : 05 Oct 2024 13:02
Operator : RC/JU
Sample : P4227-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PMW-2(20240925)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Benzene, 1,3-di...	7.263	2.1	ng/u1	144075	1	7.381	1389390	20.0
.alpha.-Bromome...	13.122	2.3	ng/u1	372909	3	14.028	3305220	20.0
1-Naphthalenamine	14.586	20.0	ng/u1	3311040	3	14.028	3305220	20.0
1-Tetradecanami...	15.851	9.1	ng/u1	1056790	4	16.786	2314490	20.0
1-(4-Iodophenyl...	17.769	10.6	ng/u1	1226510	4	16.786	2314490	20.0
unknown-01	18.057	2.2	ng/u1	254857	4	16.786	2314490	20.0
unknown-02	18.527	14.1	ng/u1	1627900	4	16.786	2314490	20.0