

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031940.D
 Acq On : 12 Jun 2024 14:04
 Operator : MA/JU
 Sample : P2678-16
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH685

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: BN031940.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.175	29	32	42	rVB	53692	77153	1.15%	0.074%
2	3.446	71	78	84	rBV	52916	82056	1.22%	0.079%
3	3.587	100	102	114	rBV	141587	216024	3.22%	0.209%
4	3.687	114	119	127	rVV	87000	119770	1.79%	0.116%
5	4.440	243	247	256	rVB	53511	83026	1.24%	0.080%
6	4.793	302	307	318	rBV	148923	224538	3.35%	0.217%
7	6.834	644	654	668	rBV	1033821	1713550	25.55%	1.654%
8	7.004	676	683	696	rVB	850563	1387257	20.68%	1.339%
9	7.193	708	715	725	rBV	1063809	1711988	25.52%	1.653%
10	7.275	725	729	741	rVB2	29832	62133	0.93%	0.060%
11	7.657	784	794	802	rBV	1227366	1983380	29.57%	1.915%
12	8.363	907	914	929	rBV	1193645	1975924	29.46%	1.908%
13	8.481	929	934	941	rVB	55715	92204	1.37%	0.089%
14	8.816	983	991	998	rVV	1085184	1777342	26.50%	1.716%
15	9.381	1075	1087	1097	rVB	108915	183302	2.73%	0.177%
16	9.534	1104	1113	1125	rBV	856630	1493357	22.26%	1.442%
17	10.063	1196	1203	1215	rBV	1312148	2303401	34.34%	2.224%
18	10.440	1257	1267	1274	rBV	1896659	3188859	47.54%	3.079%
19	10.587	1282	1292	1310	rBV	916016	1677065	25.00%	1.619%
20	10.987	1352	1360	1366	rBV5	40578	97343	1.45%	0.094%
21	11.187	1388	1394	1400	rBV	125275	245237	3.66%	0.237%
22	12.328	1583	1588	1595	rVV	41786	73427	1.09%	0.071%
23	13.622	1803	1808	1813	rVV2	59846	111626	1.66%	0.108%
24	13.722	1819	1825	1833	rVV	2601546	3726734	55.56%	3.598%
25	13.998	1860	1872	1884	rBV	3001024	4686846	69.88%	4.525%
26	14.304	1913	1924	1930	rBV	3023011	4504378	67.16%	4.349%
27	14.363	1930	1934	1943	rVB	163812	271274	4.04%	0.262%
28	14.522	1954	1961	1972	rBV	1091283	1978910	29.50%	1.911%
29	14.704	1988	1992	1996	rVB	64456	78376	1.17%	0.076%
30	15.092	2052	2058	2062	rBV4	33837	72294	1.08%	0.070%
31	15.298	2086	2093	2099	rVV	3895622	5654948	84.31%	5.460%
32	15.357	2099	2103	2107	rVV2	186173	300948	4.49%	0.291%
33	15.428	2110	2115	2121	rVV	1020993	1488738	22.20%	1.437%
34	15.475	2121	2123	2128	rVV5	55815	96286	1.44%	0.093%
35	15.522	2128	2131	2135	rVV4	44588	85648	1.28%	0.083%
36	15.651	2148	2153	2160	rVB	70516	131518	1.96%	0.127%

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Integrator: RTE
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 Sampling : 1 Min Area: 0.1 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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37	15.798	2169	2178	2185	rVB2	58602	137687	2.05%	0.133%
38	15.886	2185	2193	2201	rVB3	29299	75981	1.13%	0.073%
39	16.022	2209	2216	2224	rVB7	76603	194659	2.90%	0.188%
40	16.339	2262	2270	2271	rBV5	51787	99714	1.49%	0.096%
41	16.357	2271	2273	2278	rVV3	62627	93831	1.40%	0.091%
42	16.410	2278	2282	2287	rVB2	45659	71130	1.06%	0.069%
43	16.586	2304	2312	2316	rBV5	51388	129087	1.92%	0.125%
44	16.710	2328	2333	2339	rVB2	126243	200840	2.99%	0.194%
45	16.810	2341	2350	2356	rBV4	132040	302927	4.52%	0.292%
46	16.869	2356	2360	2369	rVB	124062	201461	3.00%	0.195%
47	17.051	2382	2391	2395	rBV	3641221	5361228	79.93%	5.176%
48	17.092	2395	2398	2403	rVB	2178242	3073752	45.83%	2.968%
49	17.151	2403	2408	2413	rBV2	4056798	5714663	85.20%	5.517%
50	17.245	2419	2424	2429	rVB2	62324	113371	1.69%	0.109%
51	17.369	2442	2445	2449	rVB3	46114	63641	0.95%	0.061%
52	17.463	2452	2461	2471	rBV2	214991	413375	6.16%	0.399%
53	17.575	2477	2480	2486	rVB3	45218	65277	0.97%	0.063%
54	17.633	2486	2490	2494	rBV	68244	93170	1.39%	0.090%
55	17.927	2531	2540	2542	rBV	392423	613419	9.15%	0.592%
56	17.957	2542	2545	2547	rBV	502769	655525	9.77%	0.633%
57	18.057	2559	2562	2566	rVB	102940	132986	1.98%	0.128%
58	18.122	2567	2573	2577	rBV2	419541	776371	11.58%	0.750%
59	18.157	2577	2579	2588	rVB	251172	332714	4.96%	0.321%
60	18.251	2590	2595	2597	rBV4	79979	125463	1.87%	0.121%
61	18.280	2597	2600	2604	rVB3	62191	82801	1.23%	0.080%
62	18.433	2621	2626	2630	rBV	289464	396591	5.91%	0.383%
63	18.474	2630	2633	2639	rVB	272592	372217	5.55%	0.359%
64	18.557	2644	2647	2654	rVB2	42020	61687	0.92%	0.060%
65	18.680	2664	2668	2672	rVB2	105508	134088	2.00%	0.129%
66	18.727	2672	2676	2680	rVV	111338	150282	2.24%	0.145%
67	18.769	2680	2683	2687	rVB	101651	126883	1.89%	0.122%
68	18.851	2692	2697	2701	rBV	247009	422282	6.30%	0.408%
69	18.945	2710	2713	2716	rVB	91229	105774	1.58%	0.102%
70	18.992	2716	2721	2729	rBV3	184938	444033	6.62%	0.429%
71	19.116	2734	2742	2750	rVV	3479120	4783267	71.31%	4.618%
72	19.180	2750	2753	2756	rBV	74079	82561	1.23%	0.080%
73	19.239	2760	2763	2771	rVB2	283660	459001	6.84%	0.443%
74	19.321	2774	2777	2780	rVV3	53295	68674	1.02%	0.066%
75	19.392	2787	2789	2793	rVB3	71761	80681	1.20%	0.078%
76	19.451	2793	2799	2802	rVV2	4402159	6707286	100.00%	6.476%

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Peak Location: TOP

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77	19.480	2802	2804	2812	rVV	2532272	3212910	47.90%	3.102%
78	19.557	2813	2817	2823	rVB2	194612	293633	4.38%	0.283%
79	19.663	2831	2835	2840	rVV	140115	209964	3.13%	0.203%
80	19.721	2842	2845	2849	rVB2	95271	129287	1.93%	0.125%
81	19.804	2854	2859	2869	rBV4	233459	610711	9.11%	0.590%
82	19.939	2877	2882	2884	rBV3	178630	287268	4.28%	0.277%
83	19.980	2885	2889	2892	rVB	327287	461414	6.88%	0.445%
84	20.080	2902	2906	2909	rBV	251815	310435	4.63%	0.300%
85	20.139	2910	2916	2919	rVV2	296387	510850	7.62%	0.493%
86	20.180	2920	2923	2926	rVB2	90412	115152	1.72%	0.111%
87	20.280	2936	2940	2943	rBV	144154	189835	2.83%	0.183%
88	20.321	2944	2947	2952	rVB	176002	237714	3.54%	0.230%
89	20.504	2974	2978	2981	rBV2	158084	199532	2.97%	0.193%
90	20.727	3013	3016	3023	rVB	312170	424157	6.32%	0.410%
91	20.939	3049	3052	3055	rBV	194753	256698	3.83%	0.248%
92	20.980	3055	3059	3065	rVV3	737021	1213914	18.10%	1.172%
93	21.039	3067	3069	3081	rVB	293783	487262	7.26%	0.470%
94	21.286	3104	3111	3116	rBV3	3225422	6325556	94.31%	6.107%
95	21.333	3116	3119	3128	rVB	1202520	1704463	25.41%	1.646%
96	21.480	3140	3144	3150	rVB3	198487	307193	4.58%	0.297%
97	22.033	3234	3238	3241	rBV2	241729	370616	5.53%	0.358%
98	23.292	3446	3452	3459	rBV	679050	1913537	28.53%	1.847%
99	24.015	3568	3575	3582	rBV	1121447	2651936	39.54%	2.560%
100	24.221	3602	3610	3619	rBV	1456389	3676972	54.82%	3.550%

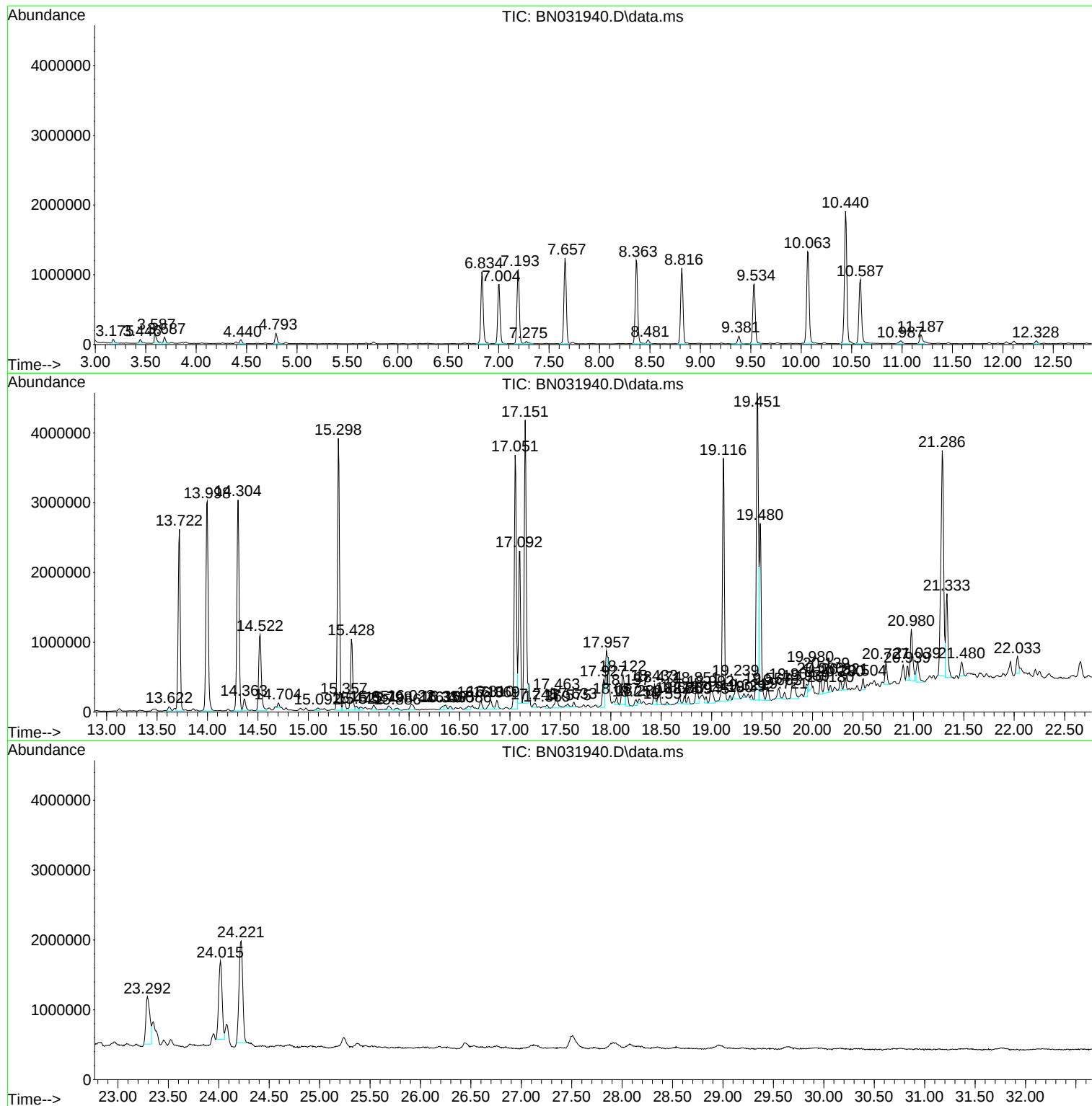
Sum of corrected areas: 103578249

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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



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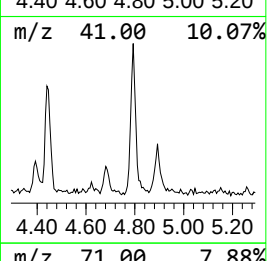
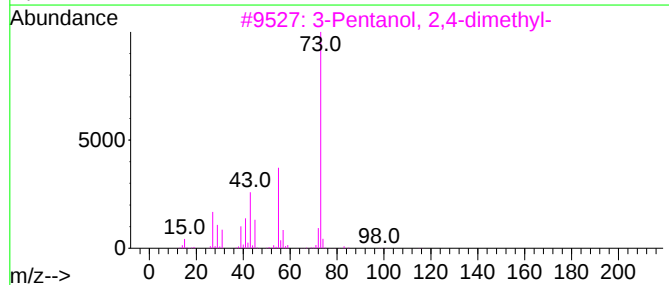
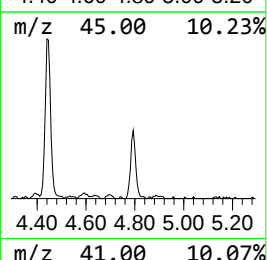
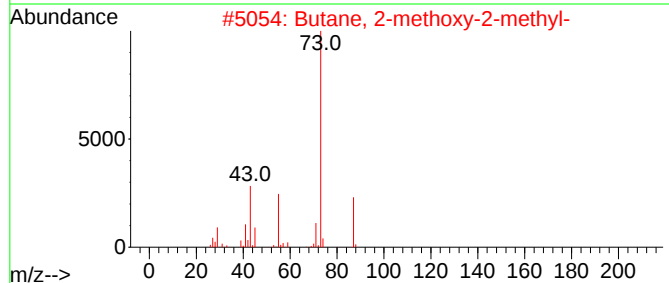
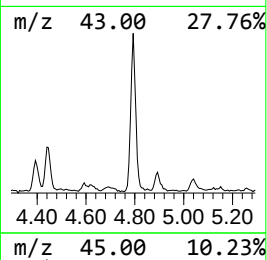
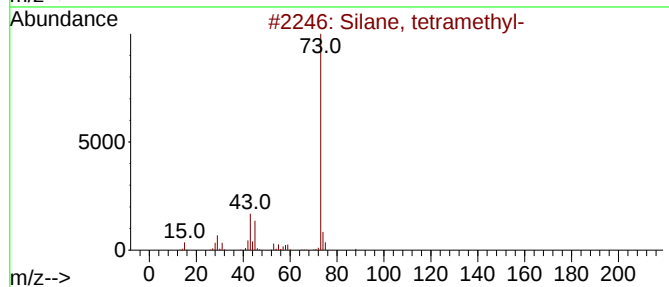
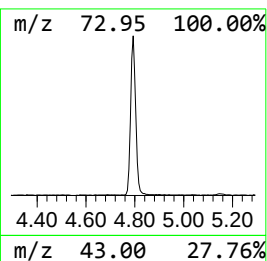
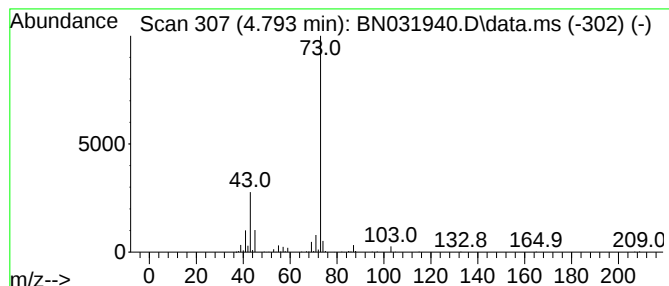
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.793	2.26 ng/ul	224538	1,4-Dichlorobenzene-d4	7.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, tetramethyl-	88	C4H12Si	000075-76-3	47
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
3			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	36
4			Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	33
5			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	33



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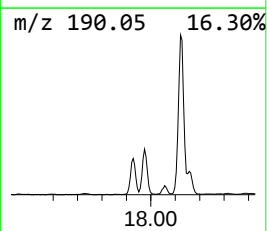
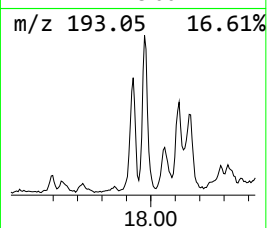
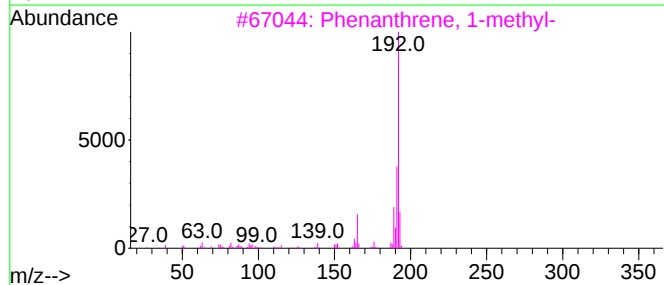
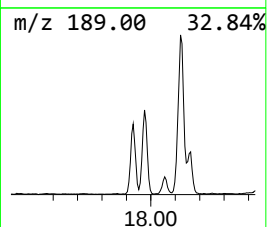
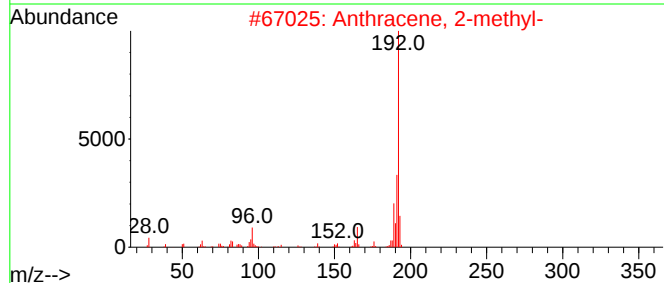
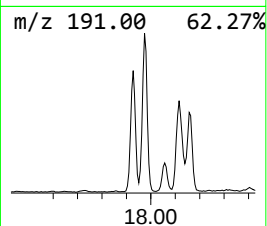
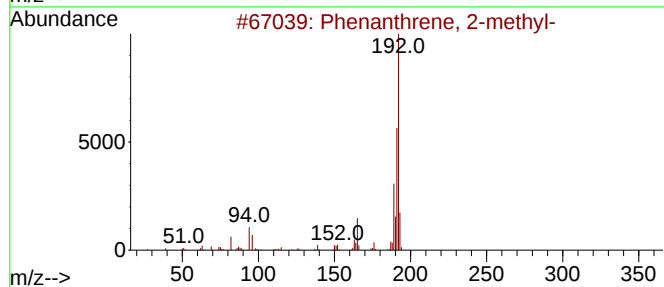
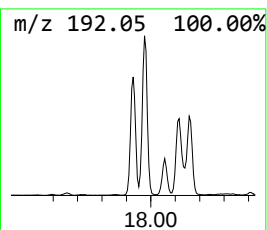
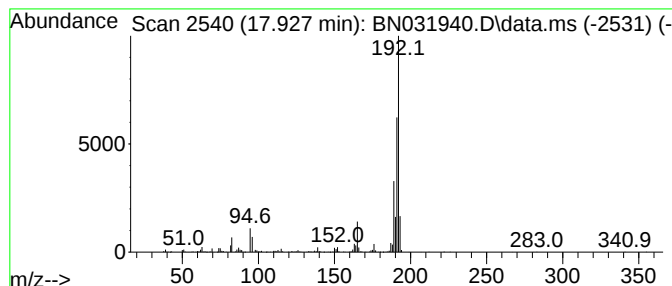
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	2.29 ng/ul	613419	Phenanthrene-d10	17.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94



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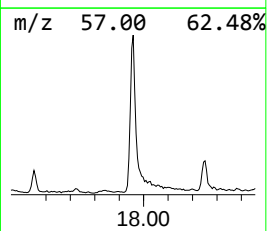
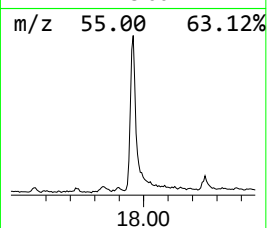
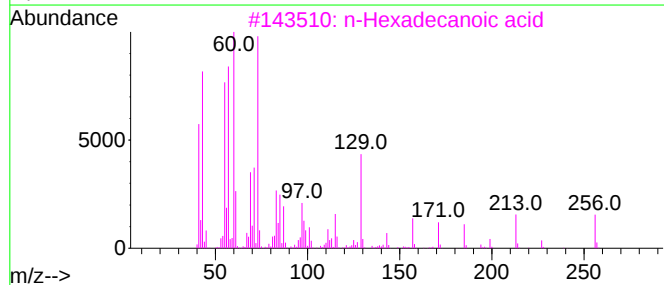
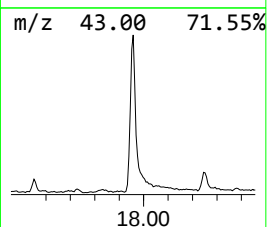
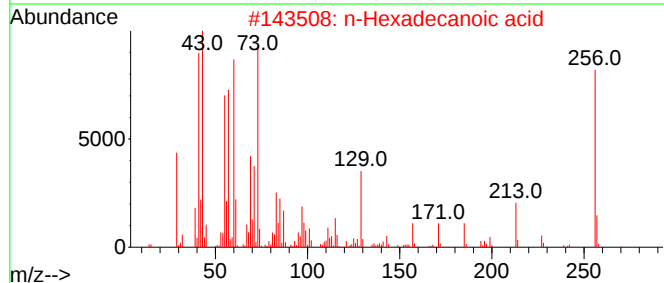
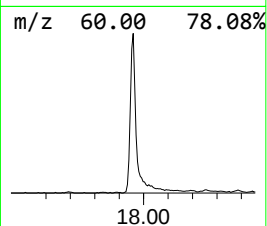
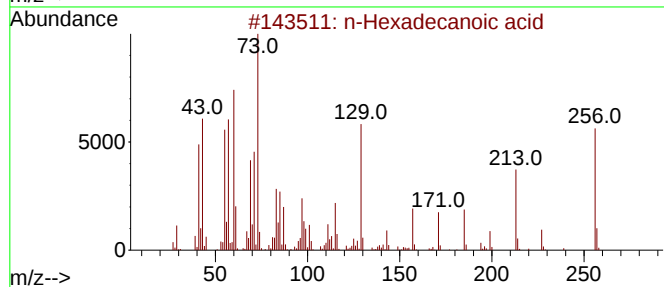
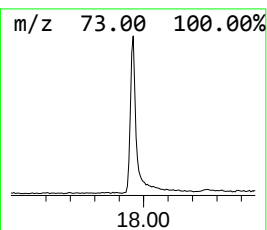
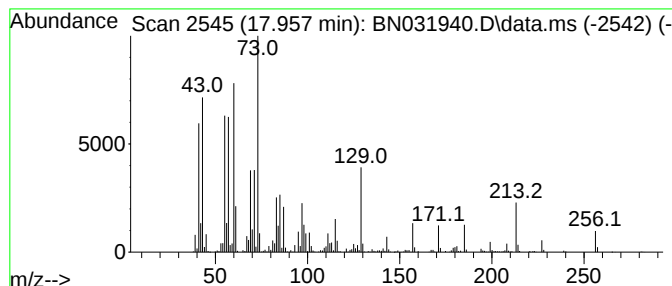
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.957	2.45 ng/ul	655525	Phenanthrene-d10	17.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5			Tridecanoic acid	214	C13H26O2	000638-53-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031940.D
Acq On : 12 Jun 2024 14:04
Operator : MA/JU
Sample : P2678-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH685

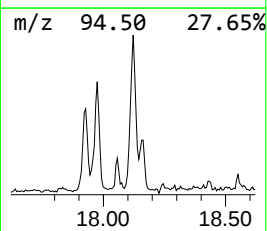
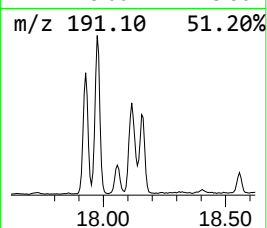
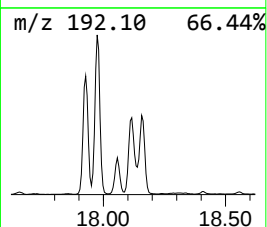
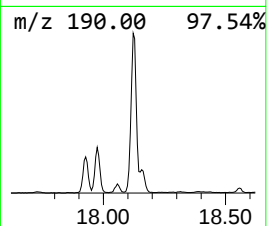
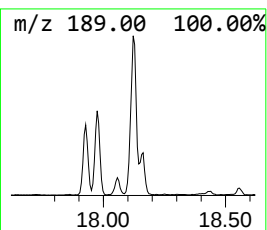
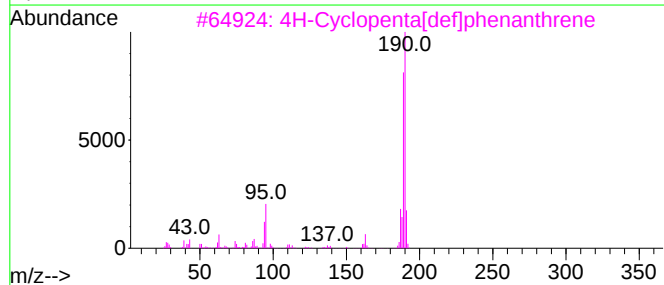
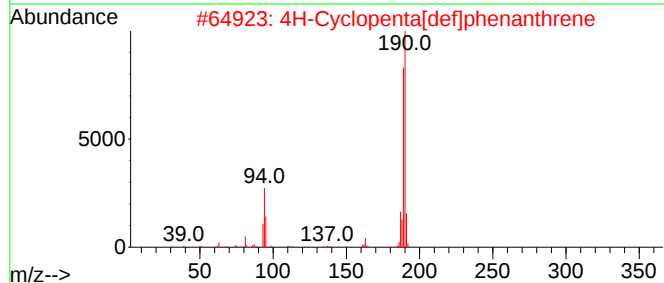
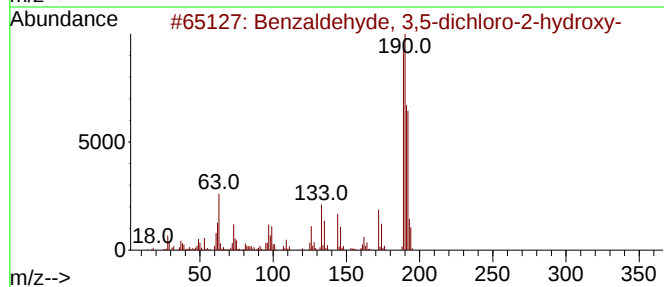
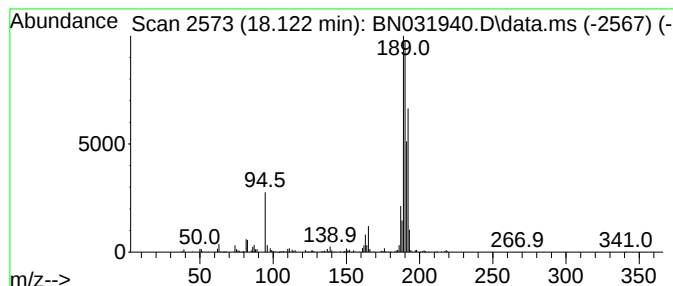
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.122	2.90 ng/ul	776371	Phenanthrene-d10	17.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031940.D
Acq On : 12 Jun 2024 14:04
Operator : MA/JU
Sample : P2678-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH685

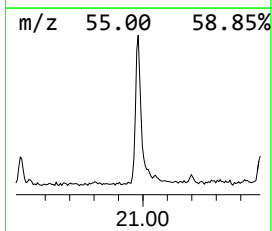
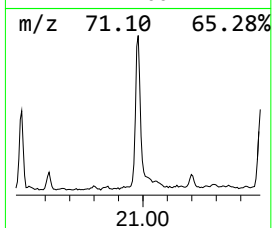
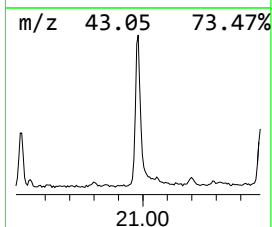
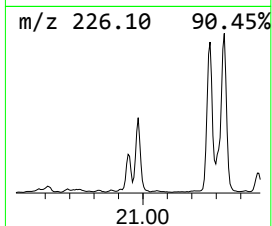
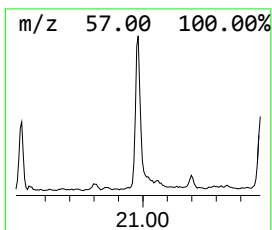
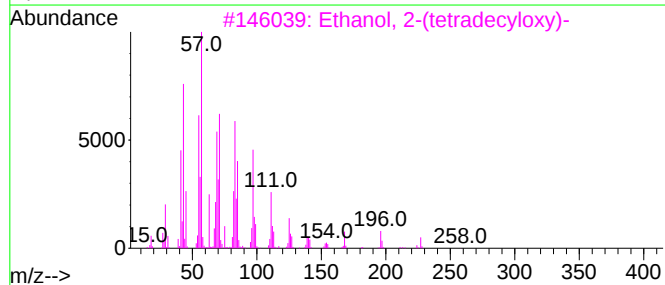
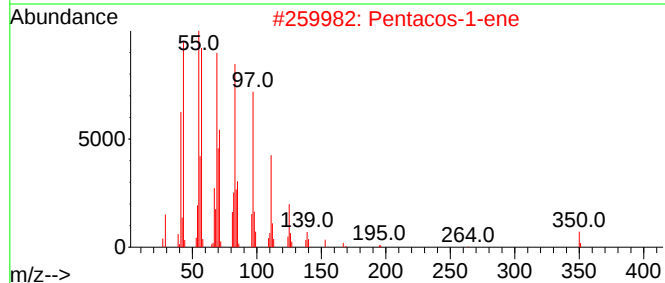
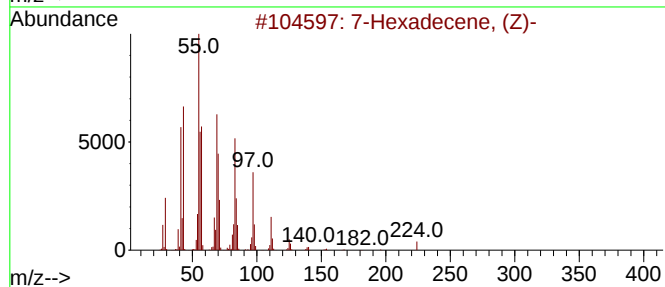
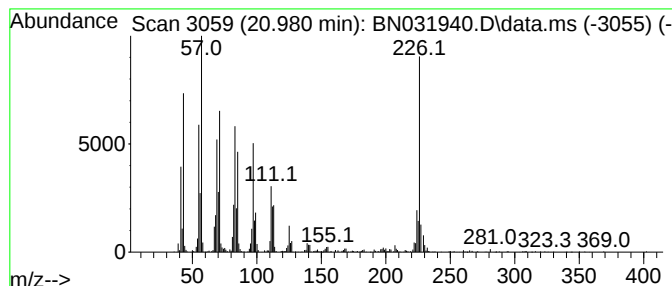
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.980	3.84 ng/ul	1213910	Chrysene-d12	21.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecene, (Z)-			224	C16H32	035507-09-6	84
2	Pentacos-1-ene			350	C25H50	016980-85-1	84
3	Ethanol, 2-(tetradecyloxy)-			258	C16H34O2	002136-70-1	60
4	Pentadecafluorooctanoic acid, oc...			666	C26H37F15O2	1000406-04-8	55
5	Nonadecyl trifluoroacetate			380	C21H39F3O2	1000351-76-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
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Sample : P2678-16
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH685

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
unknown-01	4.793	2.3	ng/u1	224538	1	7.657	1983380	20.0
Phenanthrene, 2...	17.927	2.3	ng/u1	613419	4	17.051	5361230	20.0
n-Hexadecanoic ...	17.957	2.5	ng/u1	655525	4	17.051	5361230	20.0
Benzaldehyde, 3...	18.122	2.9	ng/u1	776371	4	17.051	5361230	20.0
(DEL) Alkane: S...	20.980	3.8	ng/u1	1213910	5	21.286	6325560	20.0