

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
 Data File : BN022821.D
 Acq On : 22 Nov 2022 12:33
 Operator : CG/JU
 Sample : N5568-08
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X3D67

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-BN111522.M
 Title : SVOA CALIBRATION

Signal : TIC: BN022821.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.075	12	15	23	rVB5	3368	6647	0.25%	0.012%
2	3.175	29	32	34	rBV	12942	15007	0.56%	0.028%
3	3.211	34	38	48	rVB	52665	78437	2.95%	0.146%
4	3.840	140	145	153	rBV4	1980	4184	0.16%	0.008%
5	3.946	159	163	168	rVB3	4893	7430	0.28%	0.014%
6	4.916	321	328	339	rBV	92306	145171	5.46%	0.271%
7	7.016	678	685	697	rVB	274467	453701	17.07%	0.847%
8	7.181	706	713	722	rBV	212915	327651	12.33%	0.612%
9	7.275	722	729	739	rVV	322731	475178	17.88%	0.887%
10	7.375	739	746	748	rVV	268280	446904	16.82%	0.834%
11	7.404	748	751	762	rVV	368351	555242	20.89%	1.036%
12	7.846	820	826	835	rBV	210006	330399	12.43%	0.617%
13	8.387	907	918	924	rBV	195790	495214	18.63%	0.924%
14	8.434	924	926	936	rVB	21310	31746	1.19%	0.059%
15	8.569	943	949	959	rBV	341282	548822	20.65%	1.024%
16	8.669	959	966	976	rBV	215776	349847	13.16%	0.653%
17	8.922	1003	1009	1017	rVB	257661	415692	15.64%	0.776%
18	9.022	1019	1026	1030	rVV	270446	453932	17.08%	0.847%
19	9.069	1030	1034	1044	rVB	315577	506891	19.07%	0.946%
20	9.398	1083	1090	1096	rVB2	6007	10817	0.41%	0.020%
21	9.751	1142	1150	1159	rBV	229760	376358	14.16%	0.703%
22	10.081	1199	1206	1214	rBV	305331	461684	17.37%	0.862%
23	10.287	1234	1241	1243	rBV	362759	593653	22.34%	1.108%
24	10.310	1243	1245	1258	rVB	427944	654471	24.63%	1.222%
25	10.463	1265	1271	1280	rBV2	7575	18034	0.68%	0.034%
26	10.663	1294	1305	1309	rBV	330012	557139	20.96%	1.040%
27	10.716	1309	1314	1321	rVB	432370	717352	26.99%	1.339%
28	10.816	1324	1331	1351	rBV	309891	546683	20.57%	1.020%
29	10.987	1354	1360	1367	rBV	267357	418750	15.76%	0.782%
30	12.204	1559	1567	1573	rBV	10891	17118	0.64%	0.032%
31	12.263	1573	1577	1581	rVB2	4338	6419	0.24%	0.012%
32	12.469	1605	1612	1617	rBV2	15230	26669	1.00%	0.050%
33	12.551	1619	1626	1634	rVB	583151	903612	34.00%	1.687%
34	12.669	1640	1646	1649	rBV2	239068	372552	14.02%	0.695%
35	12.698	1649	1651	1658	rVV	216736	301049	11.33%	0.562%
36	12.763	1658	1662	1668	rVB3	3722	6091	0.23%	0.011%

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
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37	12.863	1673	1679	1687	rBV5	2043	4008	0.15%	0.007%
38	12.945	1687	1693	1700	rBV	698245	1049785	39.50%	1.960%
39	13.022	1700	1706	1718	rVV	390989	655170	24.65%	1.223%
40	13.116	1719	1722	1726	rVB2	3903	5504	0.21%	0.010%
41	13.328	1753	1758	1762	rBV	23533	32544	1.22%	0.061%
42	13.392	1762	1769	1779	rVB	592942	896555	33.74%	1.674%
43	13.628	1805	1809	1814	rVB2	3526	4346	0.16%	0.008%
44	13.933	1849	1861	1865	rBV	696030	947406	35.65%	1.769%
45	13.981	1865	1869	1876	rVB	687822	904598	34.04%	1.689%
46	14.110	1884	1891	1897	rBV	299597	403345	15.18%	0.753%
47	14.210	1902	1908	1911	rVV2	716178	1184474	44.57%	2.211%
48	14.239	1911	1913	1924	rVB	545491	628597	23.65%	1.173%
49	14.398	1936	1940	1944	rBV2	2512	3668	0.14%	0.007%
50	14.516	1953	1960	1965	rBV	514079	743754	27.99%	1.388%
51	14.581	1965	1971	1978	rVB	585115	814589	30.65%	1.521%
52	14.733	1991	1997	2002	rBV	293025	463827	17.45%	0.866%
53	14.792	2002	2007	2019	rVV	578239	839267	31.58%	1.567%
54	14.916	2019	2028	2038	rVB2	640389	1203271	45.28%	2.246%
55	15.339	2095	2100	2109	rVB	689319	923459	34.75%	1.724%
56	15.510	2123	2129	2134	rBV	946517	1345926	50.64%	2.512%
57	15.563	2134	2138	2145	rVV2	1037129	1485527	55.90%	2.773%
58	15.645	2146	2152	2166	rVB	330821	454791	17.11%	0.849%
59	15.745	2166	2169	2174	rBV5	3371	5030	0.19%	0.009%
60	15.969	2204	2207	2214	rVB3	2115	3140	0.12%	0.006%
61	16.063	2219	2223	2226	rBV4	1950	3454	0.13%	0.006%
62	16.222	2246	2250	2256	rBV3	2680	5813	0.22%	0.011%
63	16.404	2276	2281	2285	rBV5	4021	7694	0.29%	0.014%
64	16.457	2285	2290	2299	rVB	541871	702276	26.43%	1.311%
65	16.569	2303	2309	2316	rVB	359106	490582	18.46%	0.916%
66	16.622	2316	2318	2323	rBV4	2691	4082	0.15%	0.008%
67	16.916	2363	2368	2379	rBV	539308	772654	29.07%	1.442%
68	17.016	2381	2385	2389	rVB2	7792	10127	0.38%	0.019%
69	17.063	2389	2393	2396	rBV5	2480	3546	0.13%	0.007%
70	17.269	2420	2428	2434	rBV	652926	914768	34.42%	1.708%
71	17.369	2439	2445	2448	rVV	1069522	1557668	58.61%	2.908%
72	17.404	2448	2451	2462	rVB	1339976	1830892	68.89%	3.418%
73	17.686	2488	2499	2508	rBV	1110165	1605134	60.40%	2.996%
74	17.886	2527	2533	2537	rBV	19685	26044	0.98%	0.049%
75	17.939	2537	2542	2549	rVB	94535	109594	4.12%	0.205%
76	18.110	2567	2571	2575	rBV6	1799	3194	0.12%	0.006%

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77	18.163	2575	2580	2588	rBV	58649	80224	3.02%	0.150%
78	18.239	2588	2593	2599	rBV	1073381	1327326	49.94%	2.478%
79	18.457	2625	2630	2636	rBV5	4538	8030	0.30%	0.015%
80	18.710	2668	2673	2679	rVV2	11473	18176	0.68%	0.034%
81	19.045	2724	2730	2733	rBV6	3435	7212	0.27%	0.013%
82	19.092	2734	2738	2739	rBV3	6594	8302	0.31%	0.015%
83	19.116	2739	2742	2747	rVB	104813	116062	4.37%	0.217%
84	19.251	2758	2765	2769	rBV3	20492	36981	1.39%	0.069%
85	19.310	2771	2775	2783	rBV	13892	23429	0.88%	0.044%
86	19.445	2794	2798	2806	rBV	33372	47229	1.78%	0.088%
87	19.674	2830	2837	2849	rBV	1272837	1725855	64.94%	3.222%
88	19.816	2859	2861	2865	rBV4	2680	3546	0.13%	0.007%
89	20.604	2990	2995	3000	rBV	1486784	1641213	61.76%	3.064%
90	21.180	3088	3093	3106	rBV4	68507	192017	7.23%	0.358%
91	21.380	3122	3127	3134	rBV	1146491	1229613	46.27%	2.295%
92	21.463	3135	3141	3154	rVV2	1453110	2657598	100.00%	4.961%
93	22.268	3274	3278	3279	rBV	54093	72428	2.73%	0.135%
94	22.298	3279	3283	3289	rVB	1813074	2392846	90.04%	4.467%
95	23.133	3418	3425	3428	rBV	493239	901285	33.91%	1.682%
96	23.180	3428	3433	3442	rVB	1292125	2276628	85.66%	4.250%
97	23.709	3516	3523	3535	rVB2	866130	1819678	68.47%	3.397%
98	23.862	3543	3549	3558	rVB2	478848	962428	36.21%	1.797%
99	24.456	3646	3650	3658	rVB2	60261	119974	4.51%	0.224%
100	27.133	4095	4105	4119	rVB	357499	1215801	45.75%	2.270%

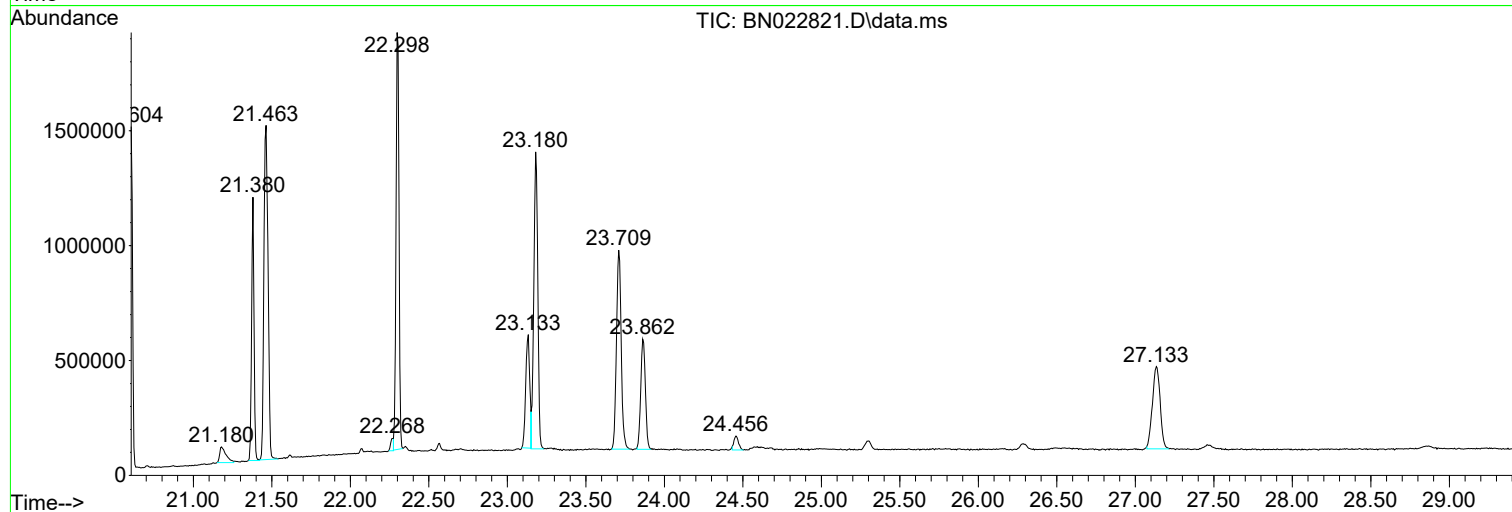
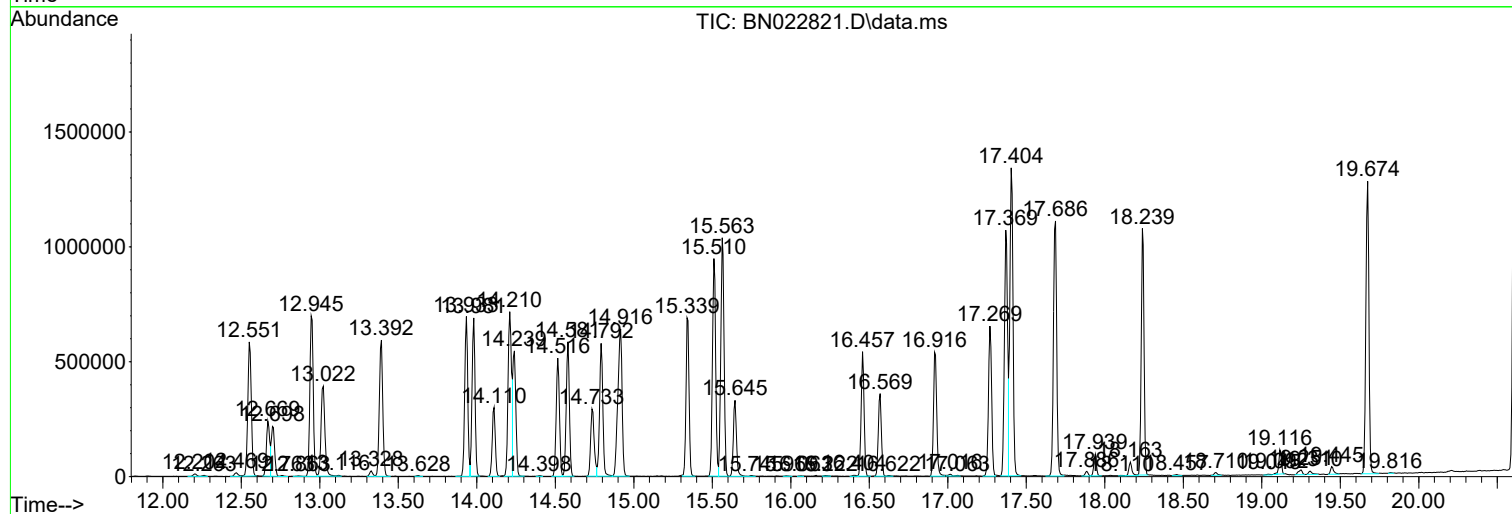
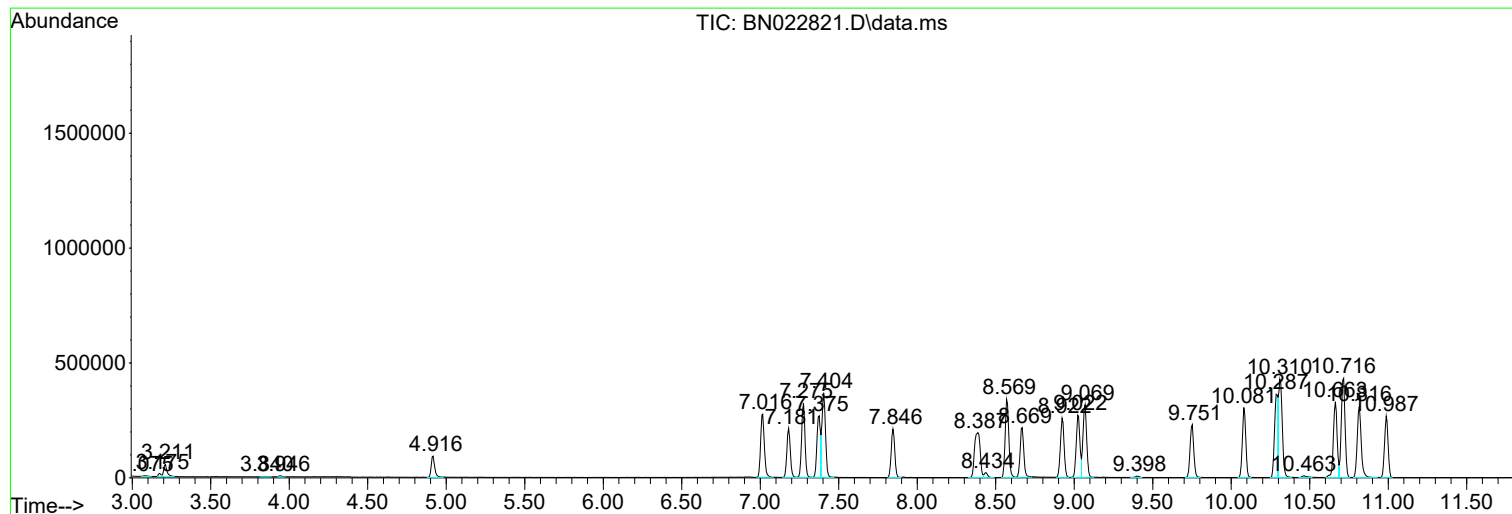
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

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



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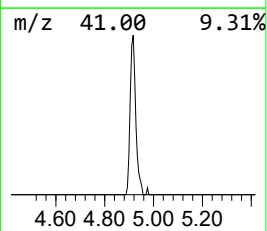
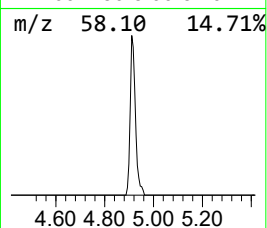
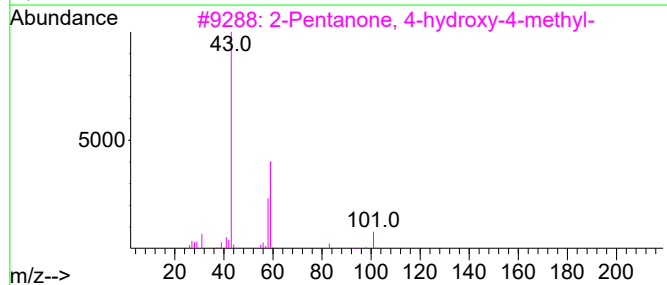
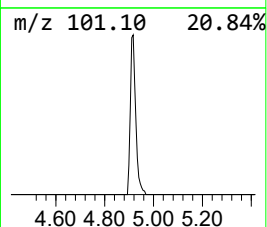
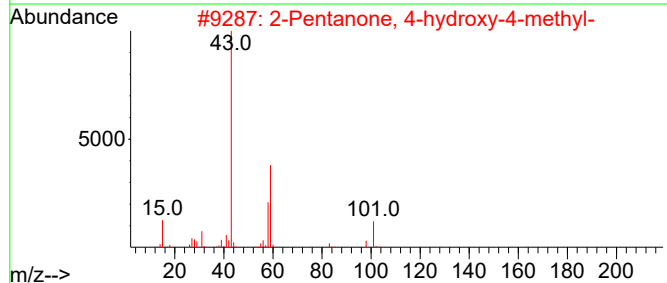
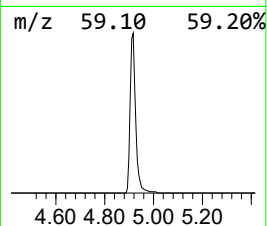
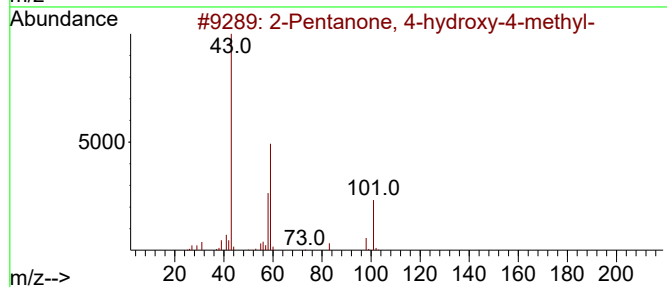
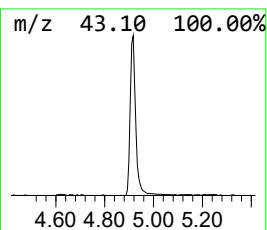
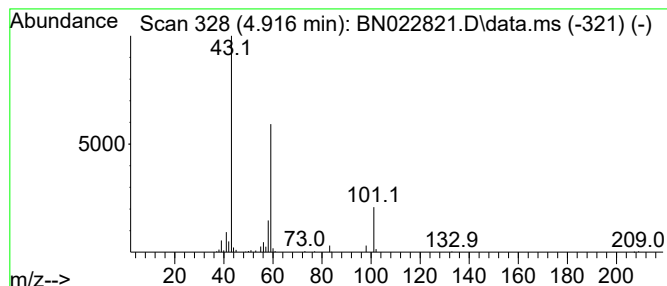
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.916	8.79 ng/ul	145171	1,4-Dichlorobenzene-d4	7.846

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40		
4	Dimethadione	129	C5H7NO3	000695-53-4	40		
5	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28		



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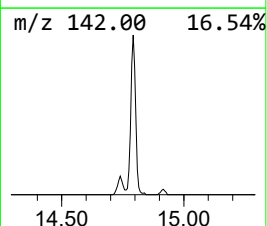
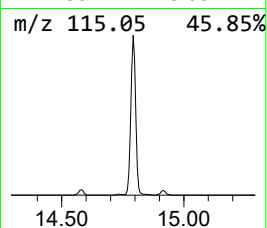
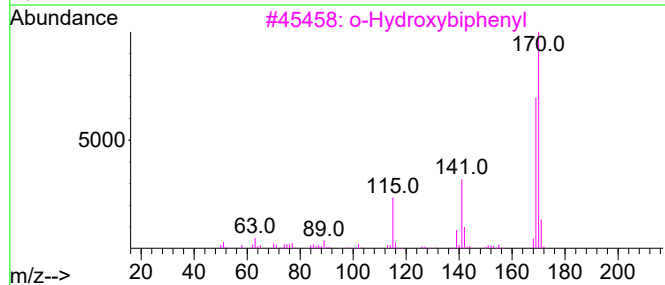
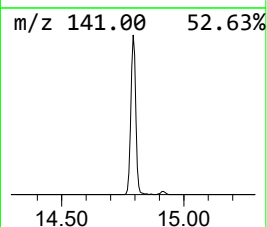
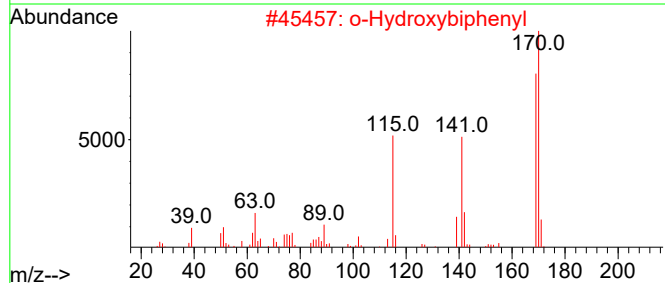
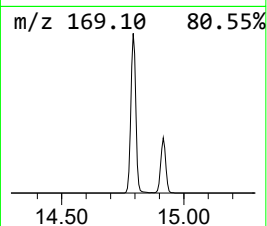
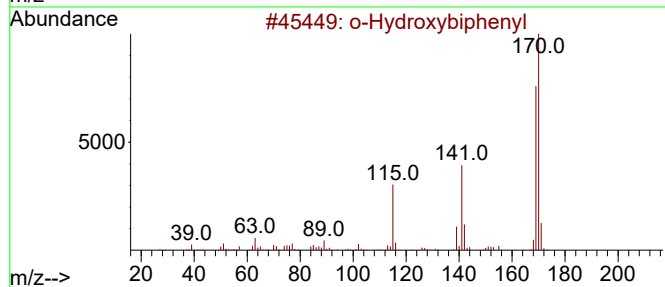
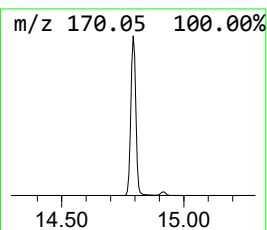
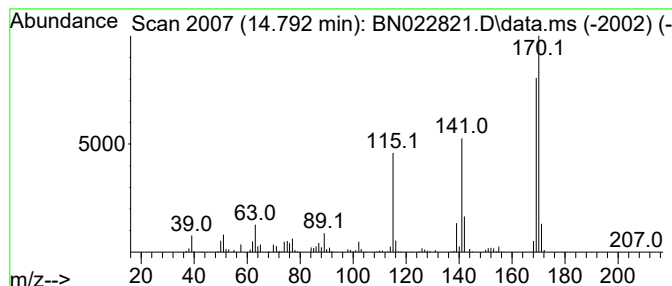
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 o-Hydroxybiphenyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	22.57 ng/ul	839267	Acenaphthene-d10	14.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
2			o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
3			o-Hydroxybiphenyl	170	C12H10O	000090-43-7	95
4			o-Hydroxybiphenyl	170	C12H10O	000090-43-7	95
5			o-Hydroxybiphenyl	170	C12H10O	000090-43-7	95



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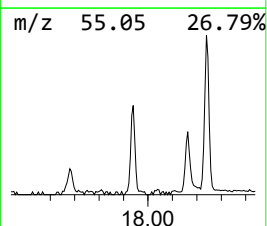
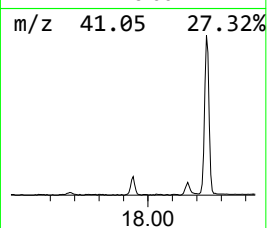
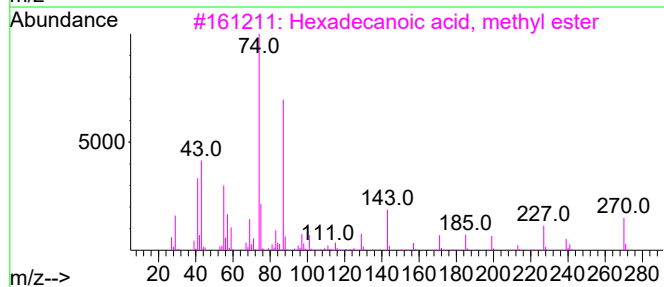
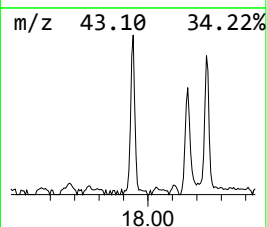
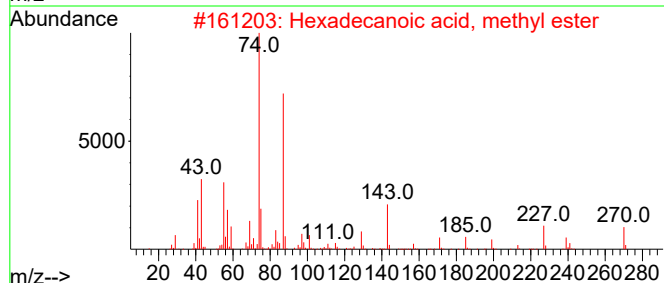
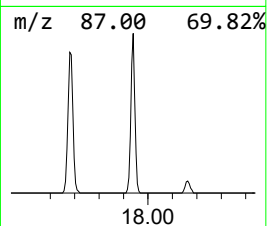
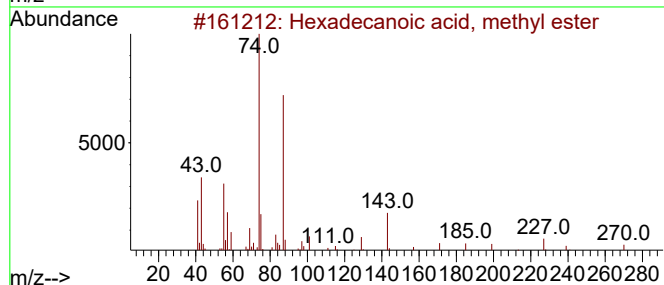
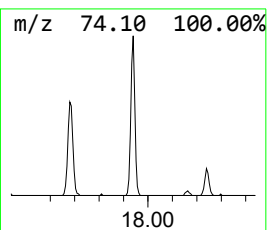
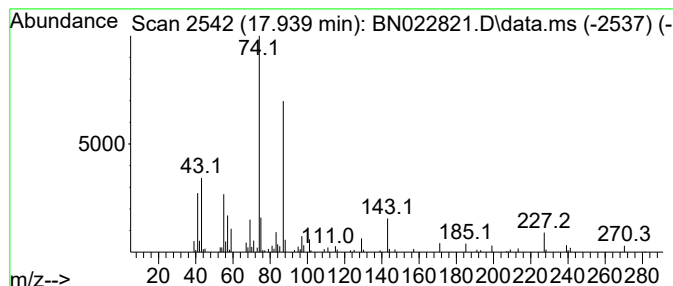
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.939	2.40 ng/ul	109594	Phenanthrene-d10	17.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
3			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
4			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
5			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
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Acq On : 22 Nov 2022 12:33
Operator : CG/JU
Sample : N5568-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

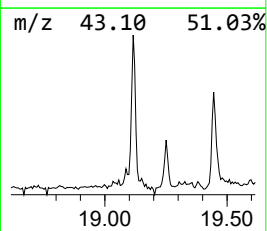
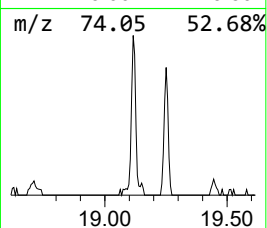
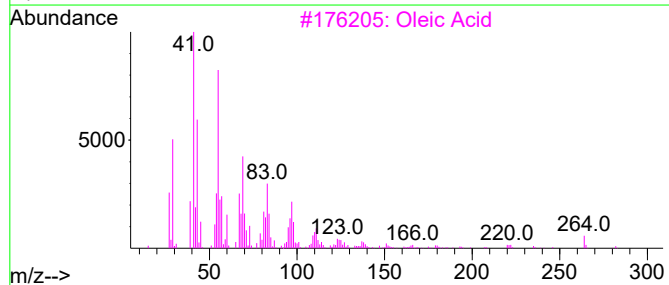
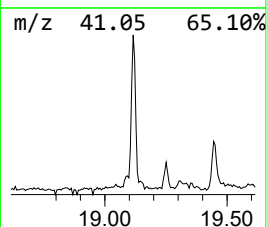
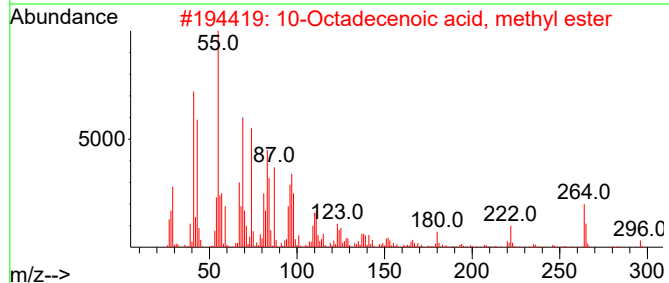
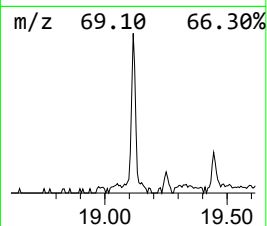
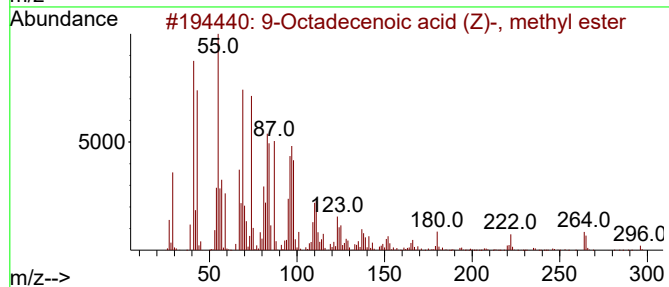
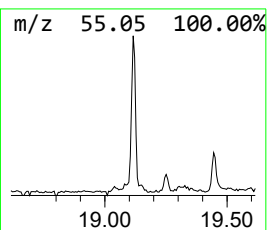
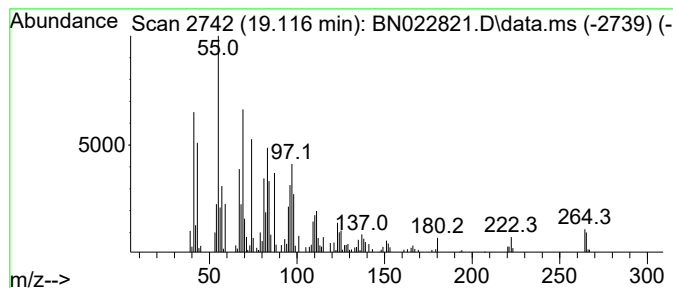
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 9-Octadecenoic acid (Z)-, m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.116	2.54 ng/ul	116062	Phenanthrene-d10	17.269	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94
3	Oleic Acid	282	C18H34O2	000112-80-1	93
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91
5	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
Data File : BN022821.D
Acq On : 22 Nov 2022 12:33
Operator : CG/JU
Sample : N5568-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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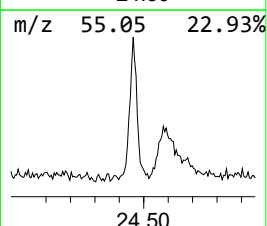
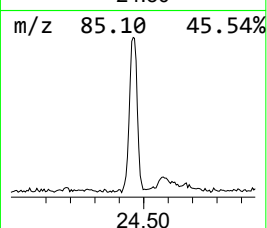
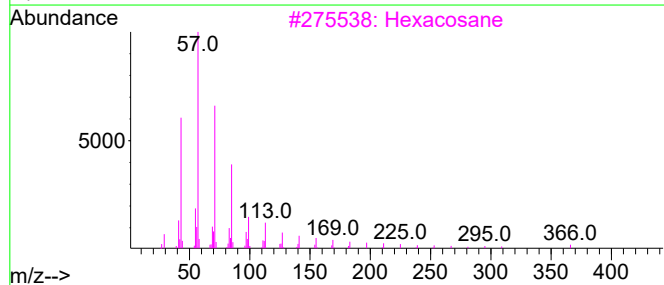
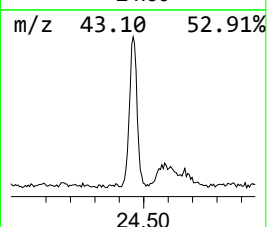
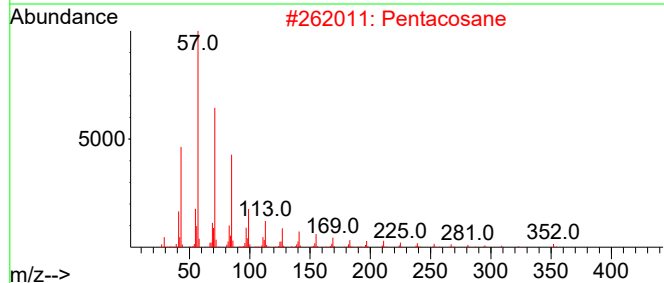
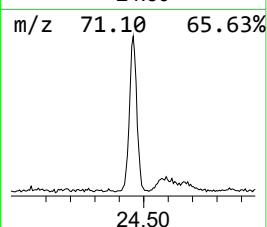
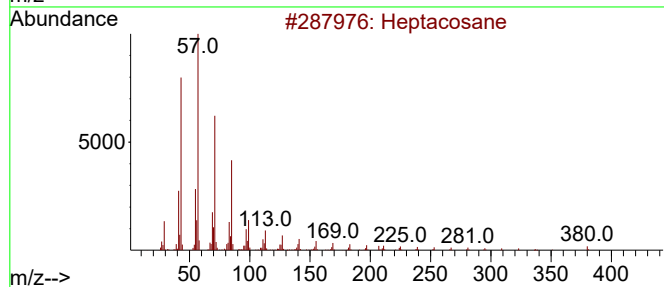
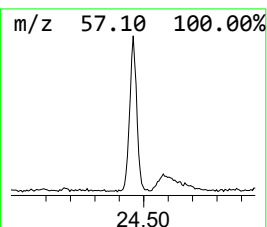
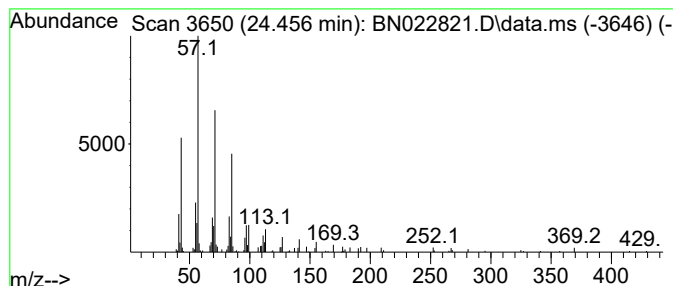
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.456	2.49 ng/ul	119974	Perylene-d12	23.862

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Pentacosane	352	C25H52	000629-99-2	91
3			Hexacosane	366	C26H54	000630-01-3	91
4			Octacosane	394	C28H58	000630-02-4	90
5			Octacosane, 2-methyl-	408	C29H60	001560-98-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
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Acq On : 22 Nov 2022 12:33
Operator : CG/JU
Sample : N5568-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
X3D67

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.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
2-Pentanone, 4-...	4.916	8.8	ng/ul	145171	1	7.846	330399	20.0
o-Hydroxybiphenyl	14.792	22.6	ng/ul	839267	3	14.516	743754	20.0
Hexadecanoic ac...	17.939	2.4	ng/ul	109594	4	17.269	914768	20.0
9-Octadecenoic ...	19.116	2.5	ng/ul	116062	4	17.269	914768	20.0
(DEL) Alkane: S...	24.456	2.5	ng/ul	119974	6	23.862	962428	20.0