

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
 Data File : BN023246.D
 Acq On : 16 Dec 2022 18:55
 Operator : CG/JU
 Sample : N5983-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COLB4

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-BN121522.M
 Title : SVOA CALIBRATION

Signal : TIC: BN023246.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.346	40	44	57	rVB	52896	85186	1.12%	0.100%
2	3.640	92	94	101	rBV	6657	10369	0.14%	0.012%
3	3.775	113	117	140	rBV	641179	1064559	14.02%	1.248%
4	4.017	155	158	164	rVB3	8932	14290	0.19%	0.017%
5	4.117	170	175	183	rVB	45195	68748	0.91%	0.081%
6	4.587	252	255	262	rVB2	6898	12909	0.17%	0.015%
7	6.969	656	660	665	rBV8	6112	10522	0.14%	0.012%
8	7.158	683	692	704	rBV	1003831	1593739	20.99%	1.868%
9	7.328	714	721	731	rVB	839410	1283595	16.91%	1.505%
10	7.528	747	755	764	rBV	1037616	1611105	21.22%	1.889%
11	7.999	829	835	843	rBV	1083961	1730995	22.80%	2.029%
12	8.069	843	847	851	rVB4	6237	10226	0.13%	0.012%
13	8.710	948	956	968	rBV	1354613	2093857	27.58%	2.455%
14	9.081	1013	1019	1025	rBV2	8580	18256	0.24%	0.021%
15	9.169	1027	1034	1043	rBV	1031552	1634360	21.53%	1.916%
16	9.334	1057	1062	1066	rBV5	6745	9880	0.13%	0.012%
17	9.593	1101	1106	1111	rVB	17455	27823	0.37%	0.033%
18	9.899	1150	1158	1171	rBV	862305	1374334	18.10%	1.611%
19	10.122	1191	1196	1204	rBV4	18595	35092	0.46%	0.041%
20	10.434	1241	1249	1263	rBV	1342761	2190979	28.86%	2.568%
21	10.593	1272	1276	1285	rVB5	8806	15366	0.20%	0.018%
22	10.822	1306	1315	1326	rBV	1720440	2798196	36.86%	3.280%
23	10.957	1326	1338	1347	rBV	1354356	2224402	29.30%	2.608%
24	11.310	1388	1398	1407	rBV	46467	86175	1.14%	0.101%
25	11.604	1443	1448	1455	rBV4	10540	18632	0.25%	0.022%
26	12.234	1551	1555	1560	rBV3	9490	14724	0.19%	0.017%
27	12.404	1575	1584	1592	rVB2	27423	45791	0.60%	0.054%
28	12.922	1668	1672	1678	rBV4	10109	15940	0.21%	0.019%
29	13.010	1684	1687	1690	rBV4	6615	8214	0.11%	0.010%
30	13.263	1726	1730	1734	rVB5	5052	7672	0.10%	0.009%
31	13.475	1761	1766	1770	rVB2	12208	16271	0.21%	0.019%
32	13.540	1773	1777	1781	rBV3	5228	8438	0.11%	0.010%
33	13.616	1784	1790	1794	rBV5	6372	9495	0.13%	0.011%
34	13.928	1838	1843	1847	rBV5	7007	12400	0.16%	0.015%
35	14.057	1859	1865	1875	rBV	2655774	3609433	47.55%	4.231%
36	14.181	1881	1886	1890	rVB6	8845	13097	0.17%	0.015%

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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

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 Title : SVOA CALIBRATION

37	14.292	1900	1905	1907	rBV6	5788	9129	0.12%	0.011%
38	14.345	1907	1914	1927	rVB	3052345	4374524	57.62%	5.128%
39	14.651	1958	1966	1976	rBV	2871685	4120246	54.27%	4.830%
40	14.728	1976	1979	1984	rVB6	6834	8611	0.11%	0.010%
41	14.839	1990	1998	2016	rBV	1382483	1945185	25.62%	2.280%
42	15.057	2031	2035	2044	rBV5	31361	54796	0.72%	0.064%
43	15.187	2049	2057	2062	rBV	44313	66871	0.88%	0.078%
44	15.269	2067	2071	2076	rVB3	32276	45435	0.60%	0.053%
45	15.439	2094	2100	2104	rBV4	11112	25072	0.33%	0.029%
46	15.492	2106	2109	2112	rVB3	8150	11069	0.15%	0.013%
47	15.639	2126	2134	2145	rBV	3873046	5556772	73.20%	6.514%
48	15.751	2147	2153	2162	rBV	1164477	1613331	21.25%	1.891%
49	15.881	2171	2175	2180	rVB2	19009	27573	0.36%	0.032%
50	16.004	2190	2196	2202	rBV	1095367	1455689	19.18%	1.706%
51	16.045	2202	2203	2208	rVB5	7185	7937	0.10%	0.009%
52	16.428	2264	2268	2275	rVB8	6248	9827	0.13%	0.012%
53	16.510	2278	2282	2284	rBV4	6543	9767	0.13%	0.011%
54	16.569	2289	2292	2297	rVB3	14500	17177	0.23%	0.020%
55	16.792	2326	2330	2333	rBV5	6641	10133	0.13%	0.012%
56	17.045	2367	2373	2381	rBV	477910	666751	8.78%	0.782%
57	17.186	2393	2397	2403	rVB4	13170	21941	0.29%	0.026%
58	17.310	2414	2418	2423	rVB8	12690	16004	0.21%	0.019%
59	17.398	2426	2433	2443	rBV	3824379	5297890	69.79%	6.211%
60	17.498	2443	2450	2459	rBV	4302361	6082211	80.12%	7.130%
61	17.581	2460	2464	2469	rVB3	49315	73662	0.97%	0.086%
62	17.675	2476	2480	2485	rBV	14366	23244	0.31%	0.027%
63	17.728	2485	2489	2492	rVB2	11631	15724	0.21%	0.018%
64	17.775	2492	2497	2503	rBV6	24647	45860	0.60%	0.054%
65	18.016	2533	2538	2542	rBV	160953	211254	2.78%	0.248%
66	18.063	2543	2546	2551	rVB5	12587	14939	0.20%	0.018%
67	18.292	2579	2585	2593	rBV	405147	647785	8.53%	0.759%
68	18.363	2594	2597	2603	rVB	35408	56358	0.74%	0.066%
69	18.622	2639	2641	2646	rVB4	12184	13302	0.18%	0.016%
70	18.716	2653	2657	2662	rBV	36269	44381	0.58%	0.052%
71	19.186	2733	2737	2740	rBV6	21202	34118	0.45%	0.040%
72	19.351	2761	2765	2770	rVB	60651	80066	1.05%	0.094%
73	19.422	2772	2777	2789	rBV	85963	168917	2.23%	0.198%
74	19.563	2797	2801	2809	rBV2	115776	176047	2.32%	0.206%
75	19.792	2833	2840	2845	rBV	5485494	7591531	100.00%	8.899%
76	20.157	2899	2902	2907	rVB3	24410	25700	0.34%	0.030%

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ClientSampleId :
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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-BN121522.M
Title : SVOA CALIBRATION

77	20.292	2923	2925	2928	rBV3	19150	16317	0.21%	0.019%
78	21.280	3089	3093	3104	rBV	966515	1265548	16.67%	1.484%
79	21.586	3139	3145	3155	rVB	4585253	6116748	80.57%	7.171%
80	22.710	3333	3336	3342	rBV2	98061	125022	1.65%	0.147%
81	23.880	3527	3535	3548	rBV2	3601695	7508209	98.90%	8.802%
82	24.039	3555	3562	3572	rVB2	2838414	5809621	76.53%	6.811%

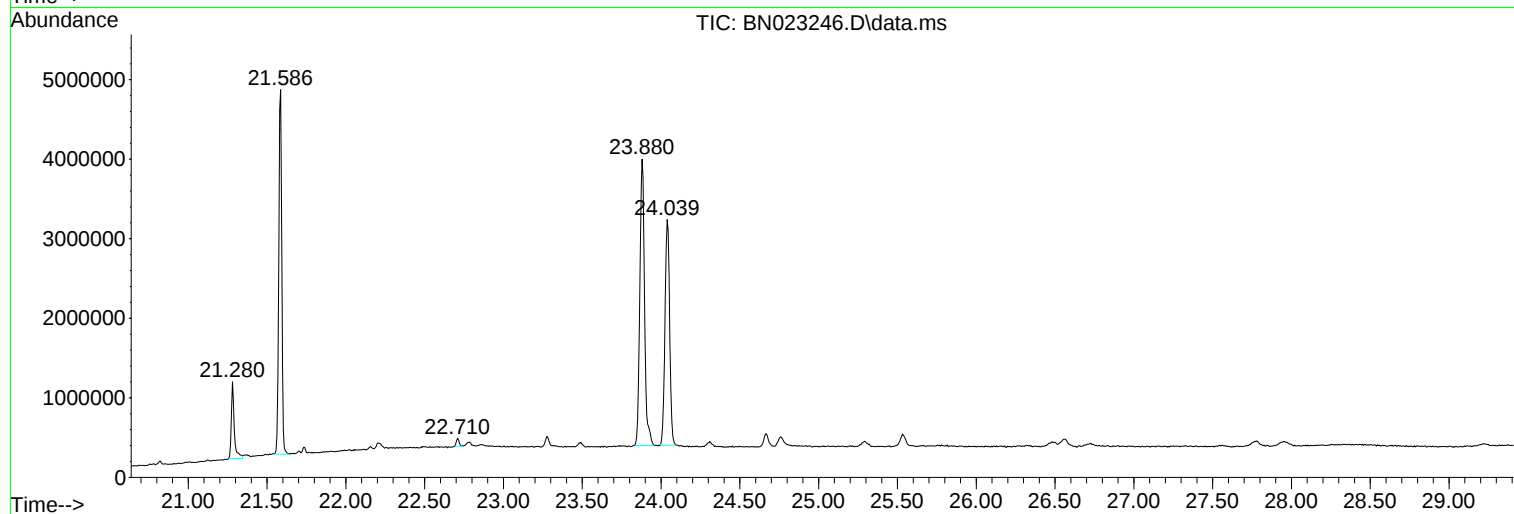
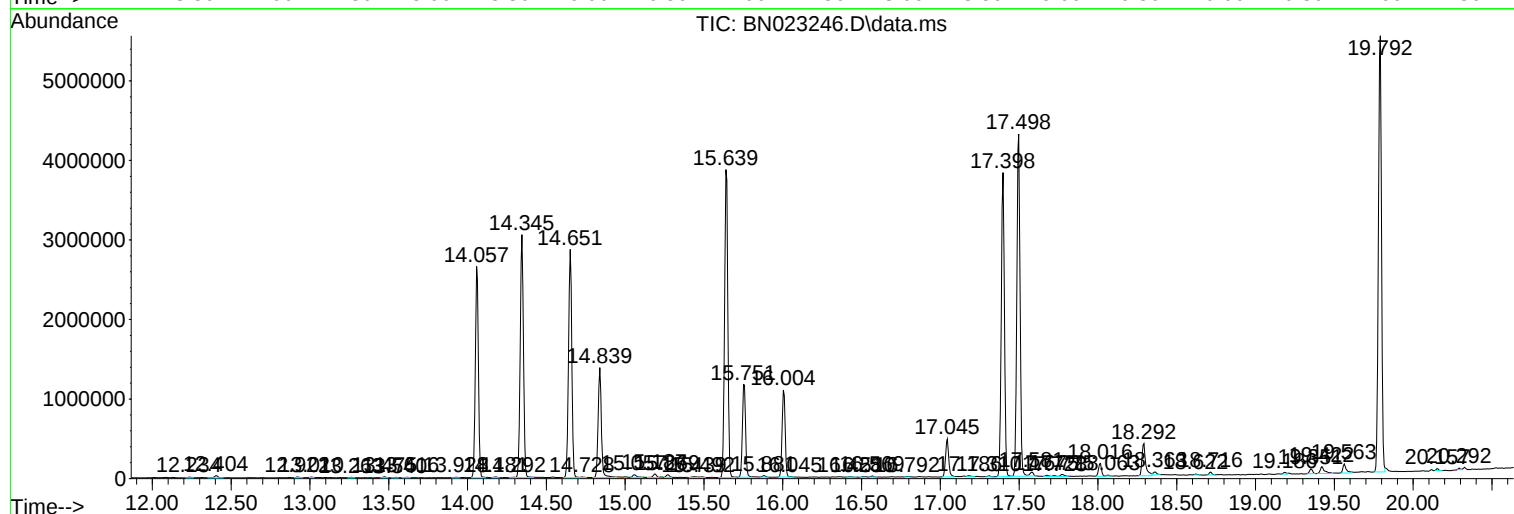
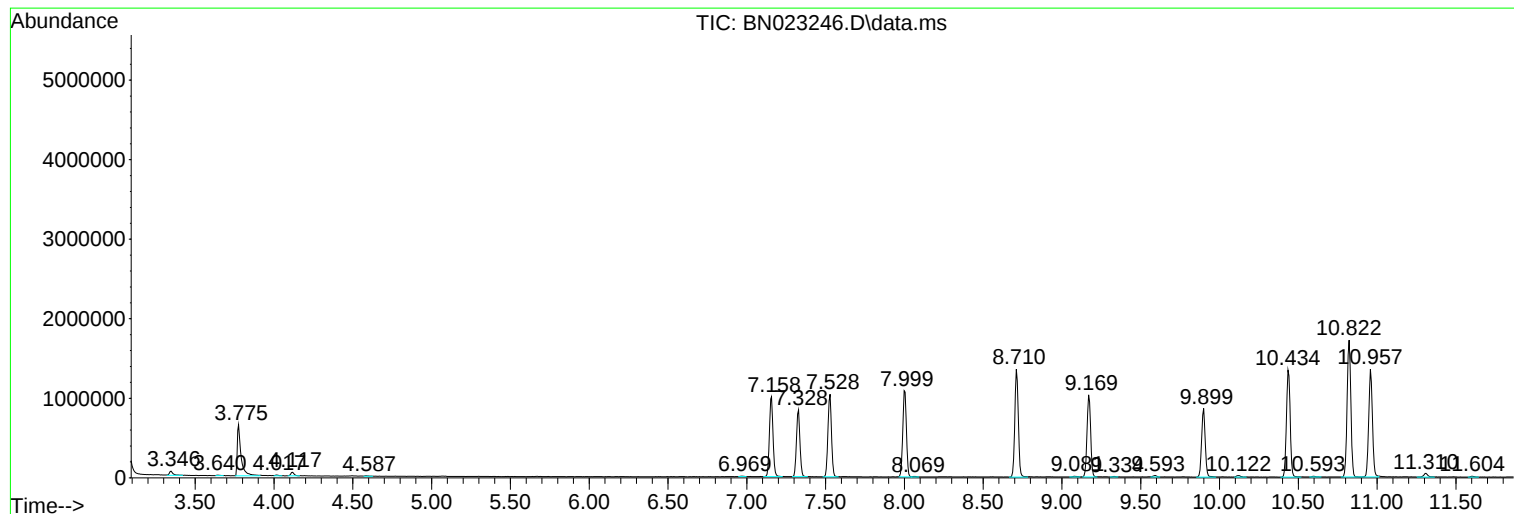
Sum of corrected areas: 85303364

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

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



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Sample : N5983-03
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Instrument :
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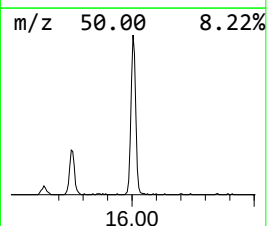
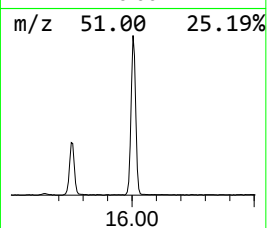
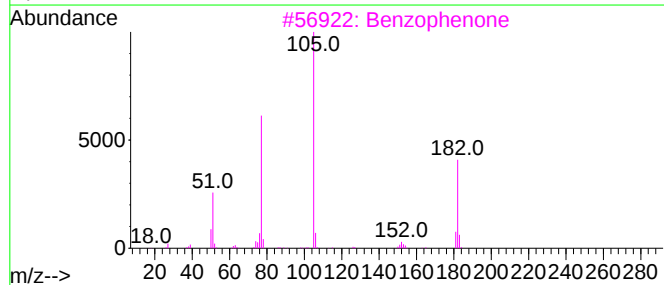
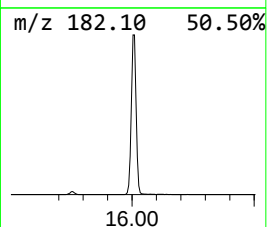
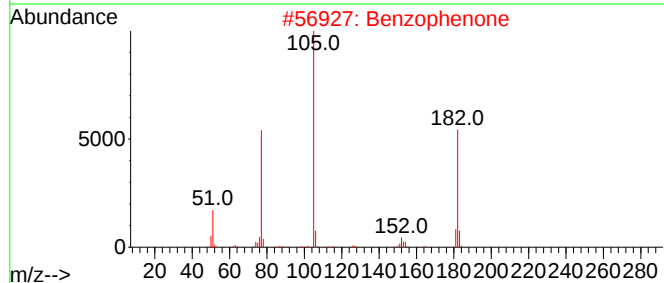
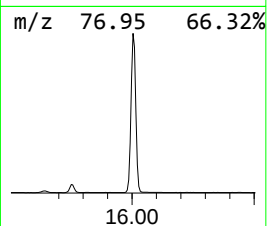
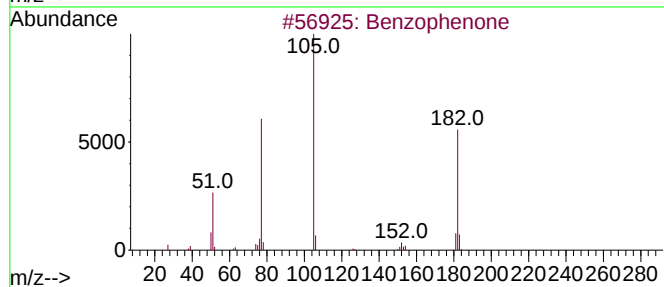
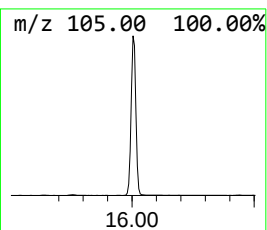
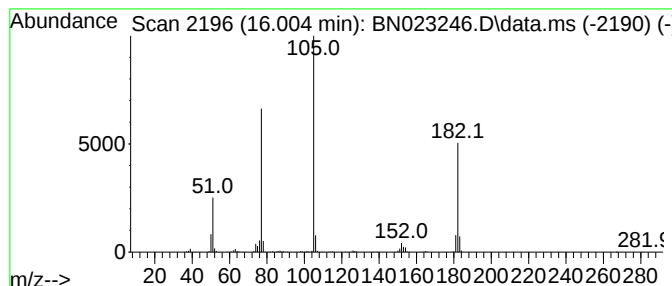
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.004	7.07 ng/ul	1455690	Acenaphthene-d10	14.651

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzophenone	182	C13H10O	000119-61-9	95
3			Benzophenone	182	C13H10O	000119-61-9	94
4			Benzophenone	182	C13H10O	000119-61-9	94
5			Benzophenone	182	C13H10O	000119-61-9	93



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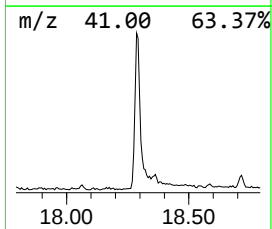
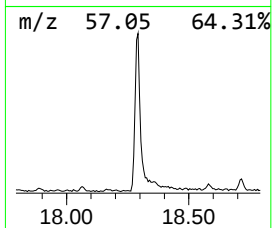
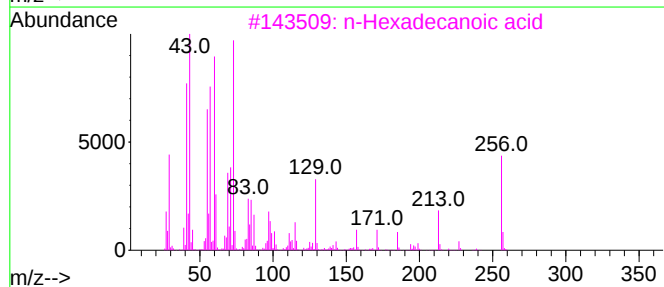
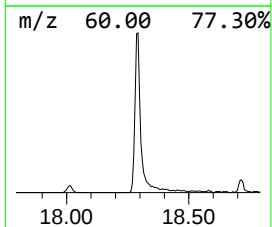
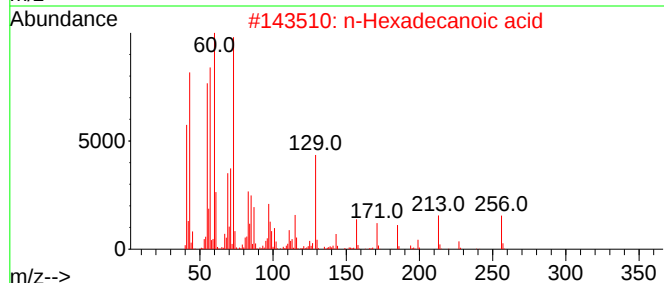
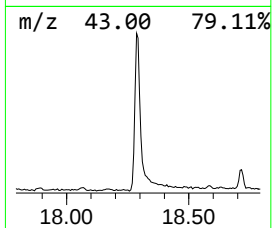
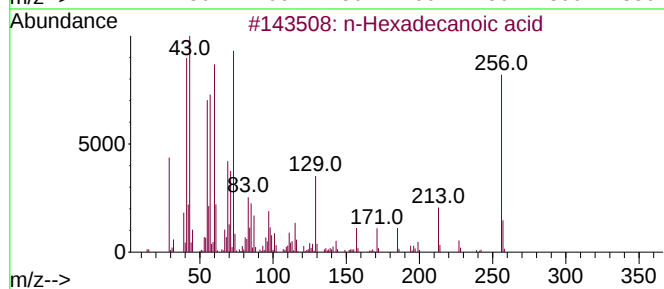
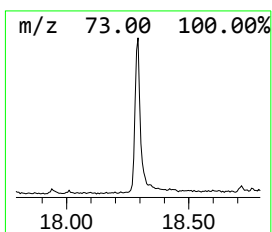
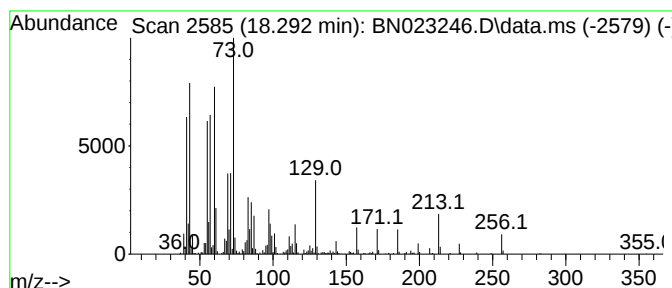
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	2.45 ng/ul	647785	Phenanthrene-d10	17.398

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	98
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5		Tridecanoic acid	214	C13H26O2	000638-53-9	90



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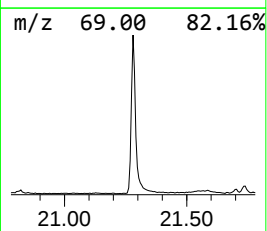
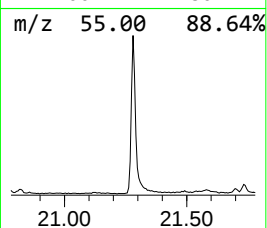
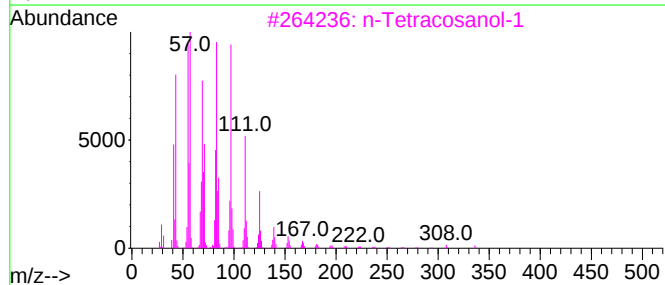
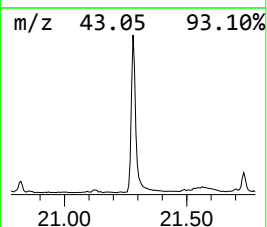
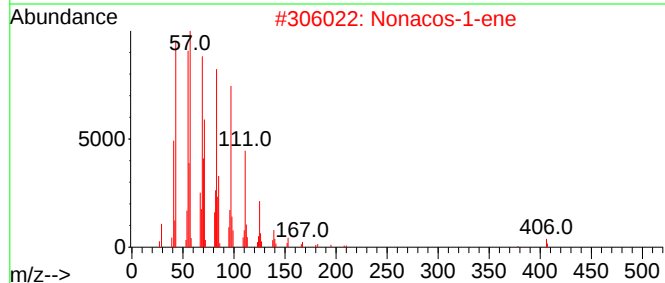
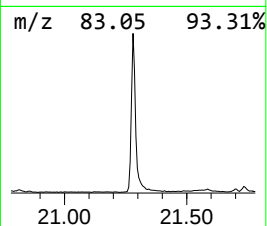
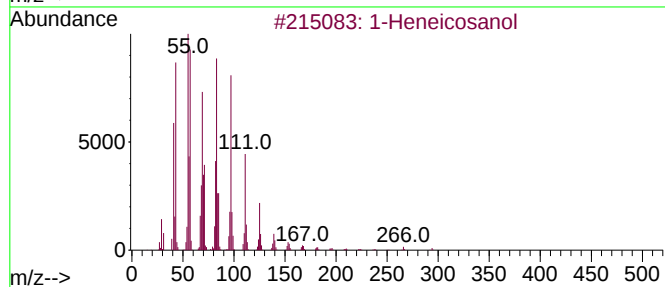
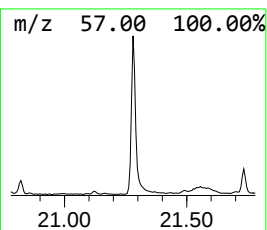
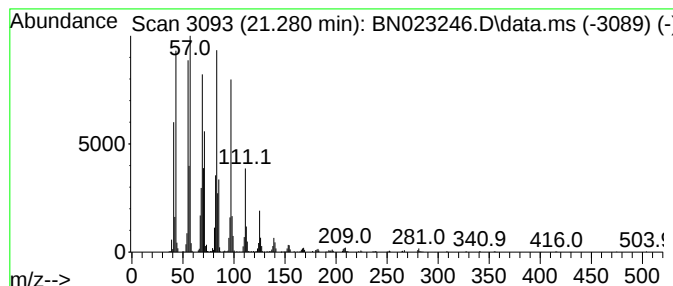
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.280	4.14 ng/ul	1265550	Chrysene-d12	21.586

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	95
2			Nonacos-1-ene	406	C29H58	018835-35-3	94
3			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4			Behenic alcohol	326	C22H46O	000661-19-8	94
5			Pentacos-1-ene	350	C25H50	016980-85-1	94



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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.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
Benzophenone	16.004	7.1	ng/ul	1455690	3	14.651	4120250	20.0
n-Hexadecanoic ...	18.292	2.5	ng/ul	647785	4	17.398	5297890	20.0
1-Heneicosanol	21.280	4.1	ng/ul	1265550	5	21.586	6116750	20.0