

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
 Data File : BN009509.D
 Acq On : 31 Jan 2020 14:01
 Operator : CG/JU
 Sample : L1271-07
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GASZ8

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.081	13	16	29	rVB	75630	117902	4.07%	0.295%
2	3.393	67	69	72	rBV3	5921	8152	0.28%	0.020%
3	3.569	97	99	106	rVB5	5795	7190	0.25%	0.018%
4	3.693	114	120	125	rBV2	18473	31939	1.10%	0.080%
5	3.769	129	133	137	rBV3	8065	12928	0.45%	0.032%
6	4.664	280	285	289	rBV5	5761	11772	0.41%	0.029%
7	5.393	404	409	412	rBV5	2450	4485	0.15%	0.011%
8	5.634	448	450	455	rBV5	4078	6290	0.22%	0.016%
9	6.163	536	540	547	rBV5	7101	14730	0.51%	0.037%
10	6.516	596	600	605	rBV5	5813	10914	0.38%	0.027%
11	6.652	616	623	639	rVB	644401	1155336	39.90%	2.891%
12	6.805	643	649	659	rBV	486624	754393	26.06%	1.887%
13	6.993	674	681	694	rVV	675638	1041318	35.97%	2.605%
14	7.452	752	759	769	rVV	675031	1039592	35.91%	2.601%
15	7.540	769	774	780	rVB3	14376	23586	0.81%	0.059%
16	8.163	871	880	890	rBV	750034	1222162	42.21%	3.058%
17	8.593	946	953	965	rVV	636593	1042160	36.00%	2.607%
18	9.046	1025	1030	1034	rBV2	8193	11910	0.41%	0.030%
19	9.304	1066	1074	1083	rBV	529168	881849	30.46%	2.206%
20	9.840	1158	1165	1174	rBV	720007	1233706	42.61%	3.087%
21	10.069	1200	1204	1205	rBV2	4846	5598	0.19%	0.014%
22	10.204	1220	1227	1239	rBV	922130	1510554	52.17%	3.779%
23	10.351	1245	1252	1270	rBV	695486	1267451	43.78%	3.171%
24	11.046	1366	1370	1373	rBV4	4462	7532	0.26%	0.019%
25	11.804	1491	1499	1505	rVB3	11767	22374	0.77%	0.056%
26	11.875	1505	1511	1517	rBV2	20501	39207	1.35%	0.098%
27	12.098	1544	1549	1553	rBV3	10696	16081	0.56%	0.040%
28	12.440	1604	1607	1610	rVB3	3586	4039	0.14%	0.010%
29	12.698	1647	1651	1656	rBV6	5357	8372	0.29%	0.021%
30	12.934	1689	1691	1696	rVV3	4000	5067	0.18%	0.013%
31	13.004	1698	1703	1708	rBV	28939	44999	1.55%	0.113%
32	13.257	1740	1746	1747	rBV4	5418	9590	0.33%	0.024%
33	13.322	1755	1757	1763	rVB6	4033	5224	0.18%	0.013%
34	13.410	1767	1772	1776	rVB4	7226	11865	0.41%	0.030%

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35	13.510	1783	1789	1794	rVV	1238678	1735885	59.96%	4.343%
36	13.557	1794	1797	1805	rVV	351114	473438	16.35%	1.185%
37	13.645	1807	1812	1815	rVV5	3515	4045	0.14%	0.010%
38	13.775	1827	1834	1849	rBV	1493368	2139139	73.88%	5.352%
39	14.022	1872	1876	1880	rBV3	5434	7636	0.26%	0.019%
40	14.087	1881	1887	1897	rVB	1331967	1927089	66.56%	4.821%
41	14.316	1920	1926	1941	rBV	447776	859184	29.68%	2.150%
42	14.534	1960	1963	1970	rVB7	10452	15790	0.55%	0.040%
43	14.651	1979	1983	1988	rBV7	2625	4235	0.15%	0.011%
44	14.922	2025	2029	2033	rVV3	5943	11245	0.39%	0.028%
45	14.987	2036	2040	2043	rVB3	10228	15096	0.52%	0.038%
46	15.092	2051	2058	2064	rBV	1776531	2536797	87.62%	6.347%
47	15.145	2064	2067	2075	rVB5	7530	13726	0.47%	0.034%
48	15.228	2075	2081	2092	rBV	569012	854544	29.52%	2.138%
49	15.334	2096	2099	2104	rVV2	17733	23903	0.83%	0.060%
50	15.486	2122	2125	2128	rVB3	4114	4943	0.17%	0.012%
51	15.675	2153	2157	2160	rBV4	2659	4199	0.15%	0.011%
52	15.728	2164	2166	2170	rVB4	3731	4376	0.15%	0.011%
53	15.792	2172	2177	2179	rBV5	2828	4944	0.17%	0.012%
54	15.845	2184	2186	2189	rVV4	8142	9274	0.32%	0.023%
55	15.875	2189	2191	2195	rVB3	8338	8807	0.30%	0.022%
56	16.092	2226	2228	2234	rVB3	3858	5298	0.18%	0.013%
57	16.286	2258	2261	2267	rVV6	5390	9392	0.32%	0.023%
58	16.522	2298	2301	2305	rVV3	15211	19141	0.66%	0.048%
59	16.634	2316	2320	2328	rBV6	9762	18581	0.64%	0.046%
60	16.775	2342	2344	2349	rBV5	2966	4972	0.17%	0.012%
61	16.839	2349	2355	2361	rVV	1594772	2186133	75.51%	5.470%
62	16.881	2361	2362	2366	rVB2	24200	20544	0.71%	0.051%
63	16.939	2366	2372	2380	rBV	1903177	2607341	90.06%	6.523%
64	17.057	2389	2392	2398	rVB6	7982	10174	0.35%	0.025%
65	17.175	2410	2412	2416	rVB4	5291	5579	0.19%	0.014%
66	17.257	2422	2426	2431	rVB5	26623	37827	1.31%	0.095%
67	17.375	2444	2446	2449	rVV3	6671	5917	0.20%	0.015%
68	17.522	2467	2471	2472	rBV4	4142	5622	0.19%	0.014%
69	17.622	2482	2488	2489	rBV4	3996	6649	0.23%	0.017%
70	17.716	2502	2504	2508	rBV5	5392	5606	0.19%	0.014%
71	17.769	2508	2513	2520	rBV	260268	366852	12.67%	0.918%

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72	17.833	2522	2524	2528	rVB5	9305	14092	0.49%	0.035%
73	18.057	2560	2562	2563	rBV2	6140	5446	0.19%	0.014%
74	18.075	2563	2565	2568	rVB4	7027	6057	0.21%	0.015%
75	18.204	2584	2587	2591	rVV3	29978	32538	1.12%	0.081%
76	18.451	2624	2629	2632	rBV5	7133	13551	0.47%	0.034%
77	18.533	2641	2643	2646	rBV4	3483	4252	0.15%	0.011%
78	18.575	2648	2650	2651	rBV2	6856	5906	0.20%	0.015%
79	18.633	2656	2660	2665	rBV2	92235	132866	4.59%	0.332%
80	18.710	2671	2673	2676	rVB3	8573	9068	0.31%	0.023%
81	18.775	2682	2684	2691	rBV4	9248	12195	0.42%	0.031%
82	18.875	2698	2701	2705	rBV2	23673	28786	0.99%	0.072%
83	18.910	2705	2707	2710	rVV4	14616	16884	0.58%	0.042%
84	18.963	2712	2716	2723	rVB6	31349	44430	1.53%	0.111%
85	19.063	2729	2733	2737	rBV3	71859	102298	3.53%	0.256%
86	19.133	2741	2745	2748	rVB2	21201	30222	1.04%	0.076%
87	19.245	2758	2764	2771	rBV	2134890	2895246	100.00%	7.244%
88	19.298	2771	2773	2776	rVB2	23555	24055	0.83%	0.060%
89	20.122	2911	2913	2916	rBV4	15828	22132	0.76%	0.055%
90	20.333	2947	2949	2954	rVB4	30951	33602	1.16%	0.084%
91	20.792	3023	3027	3034	rVB	322243	436413	15.07%	1.092%
92	21.051	3065	3071	3076	rBV	1696558	2287656	79.01%	5.724%
93	21.239	3100	3103	3107	rBV	95259	100684	3.48%	0.252%
94	21.657	3171	3174	3181	rBV2	137696	169695	5.86%	0.425%
95	22.098	3245	3249	3253	rVB2	173678	228539	7.89%	0.572%
96	22.568	3325	3329	3338	rVB	223511	321964	11.12%	0.806%
97	23.033	3402	3408	3414	rBV	1539356	2545650	87.93%	6.369%
98	23.098	3415	3419	3424	rVB	218953	323604	11.18%	0.810%
99	23.163	3424	3430	3437	rVB	1290679	2180187	75.30%	5.455%
100	23.686	3515	3519	3526	rVB2	213397	376931	13.02%	0.943%

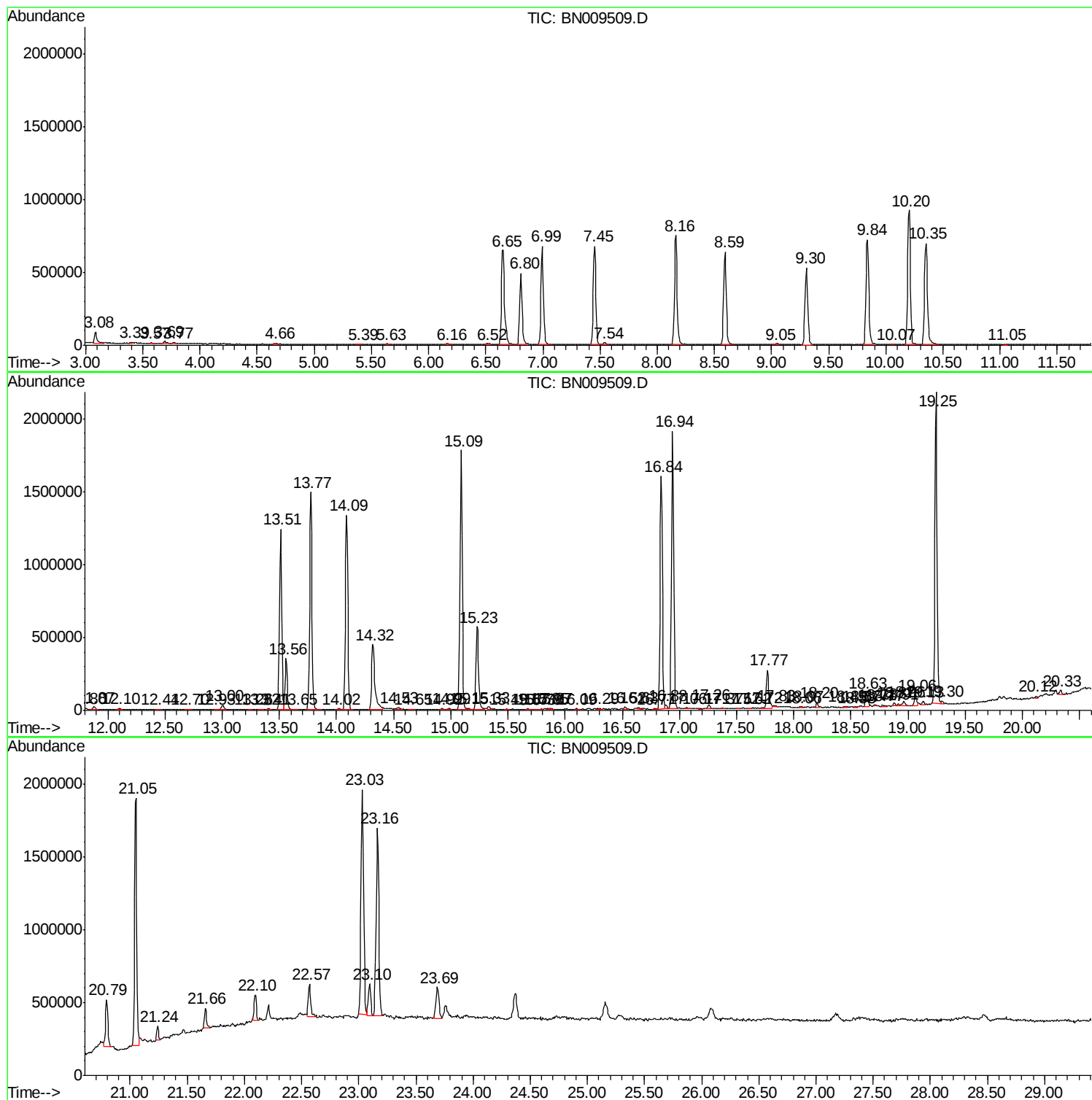
Sum of corrected areas: 39969139

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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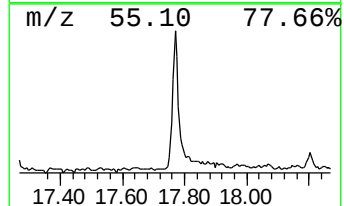
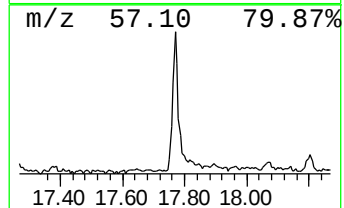
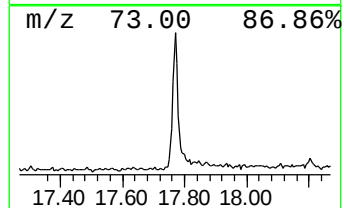
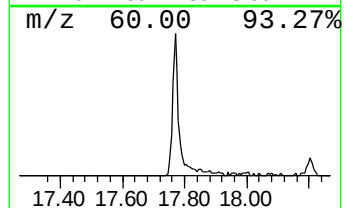
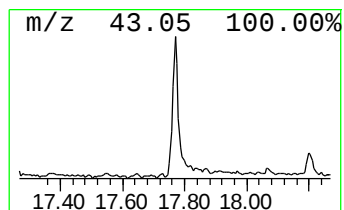
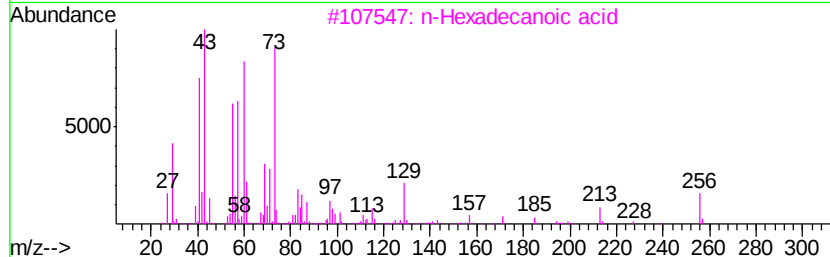
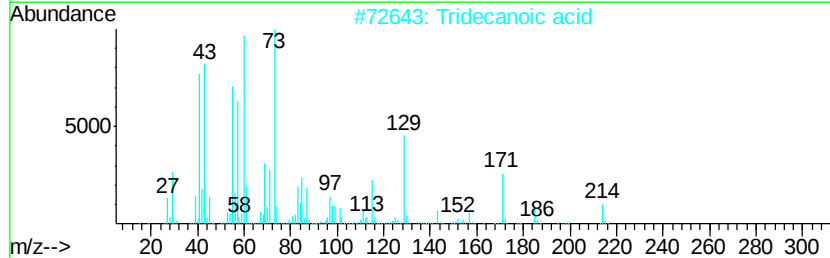
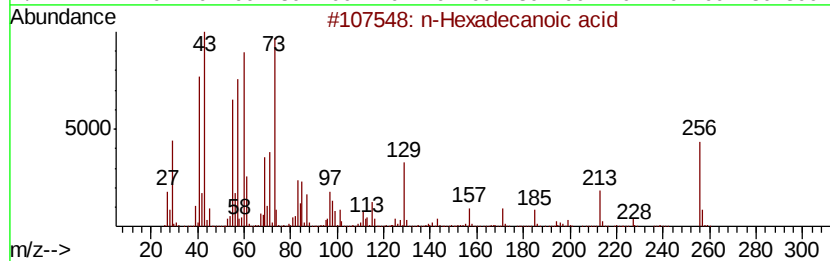
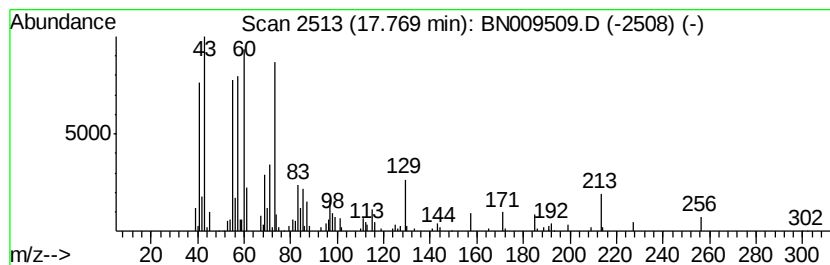
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.77	3.36 ng/ul	366852	Phenanthrene-d10	16.84		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4		Octadecanoic acid	284	C18H36O2	000057-11-4	81
5		Tridecanoic acid	214	C13H26O2	000638-53-9	80



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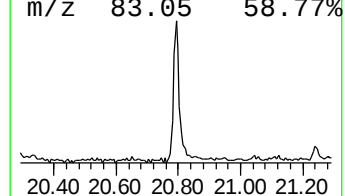
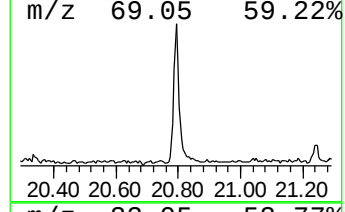
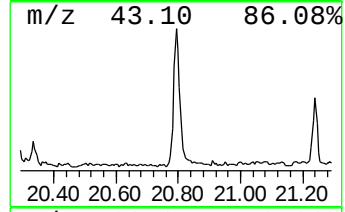
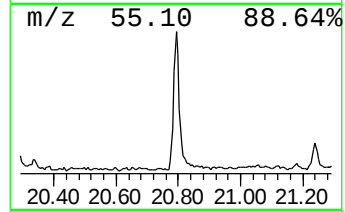
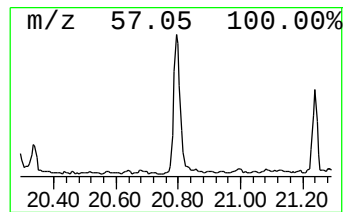
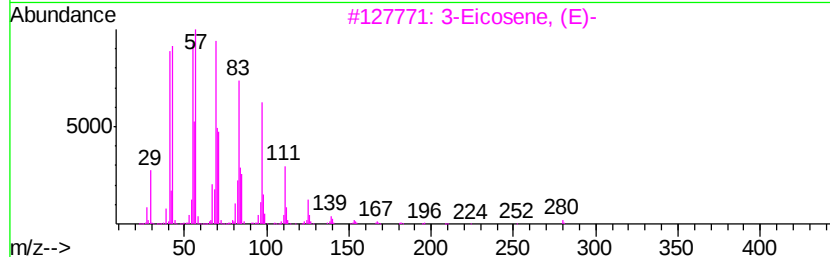
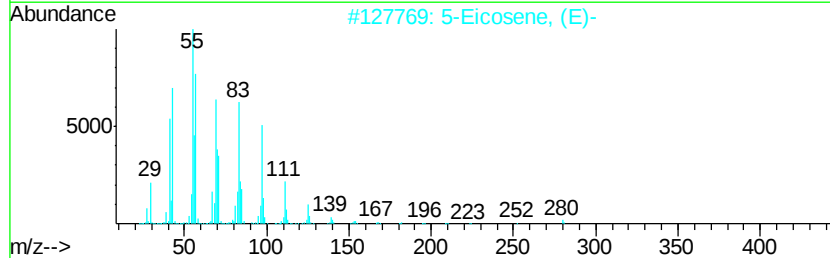
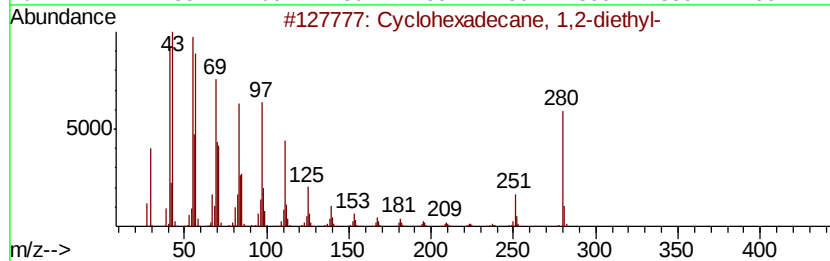
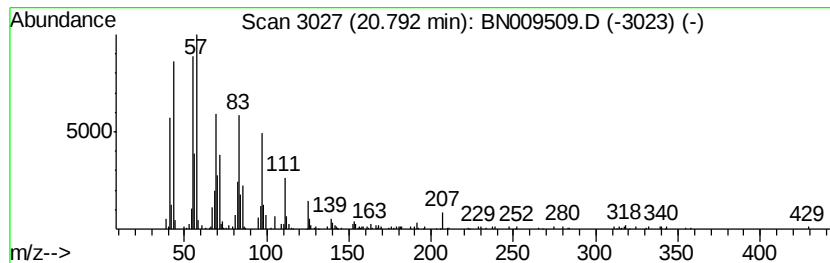
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic20.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	3.82 ng/ul	436413	Chrysene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	98
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	98
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	96
4		Cyclotetracosane	336	C24H48	000297-03-0	95
5		1-Docosene	308	C22H44	001599-67-3	94



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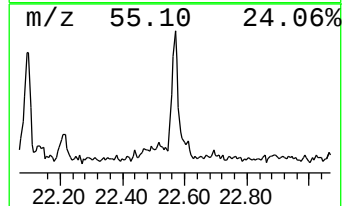
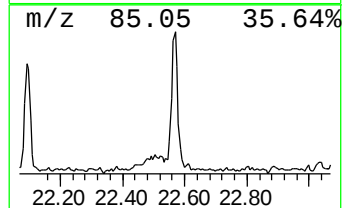
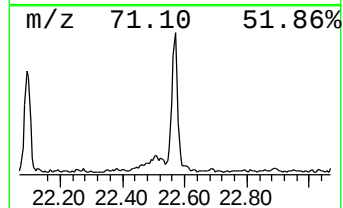
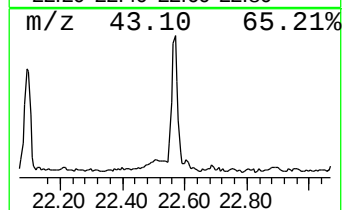
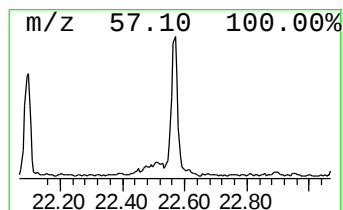
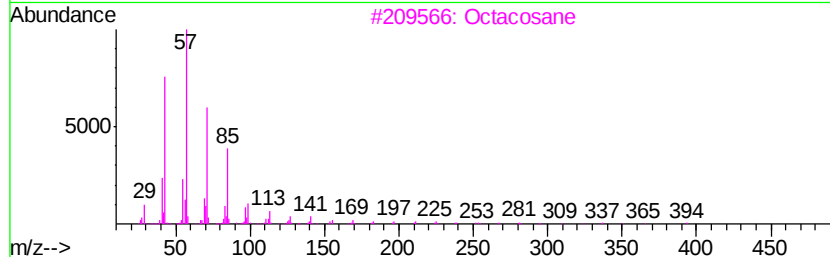
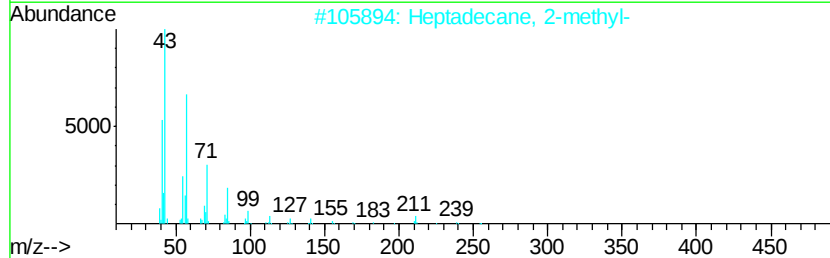
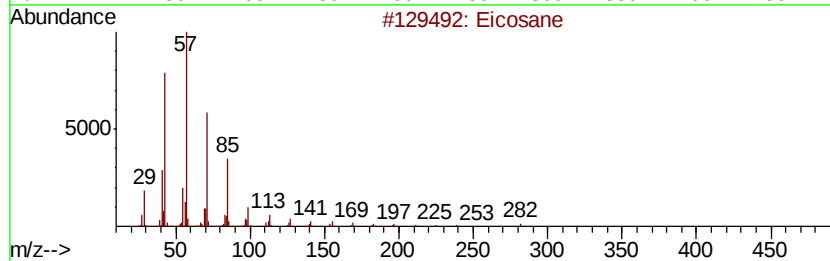
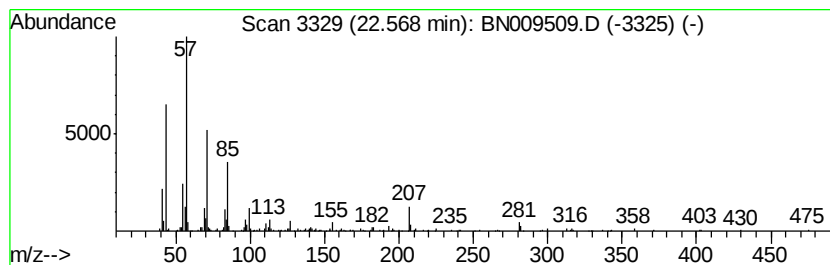
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	2.95 ng/ul	321964	Perylene-d12	23.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	76
3		Octacosane	394	C28H58	000630-02-4	64
4		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	64
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN013020\
Data File : BN009509.D
Acq On : 31 Jan 2020 14:01
Operator : CG/JU
Sample : L1271-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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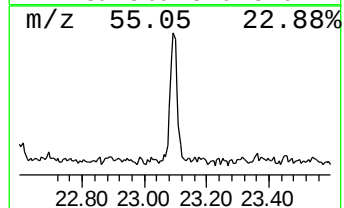
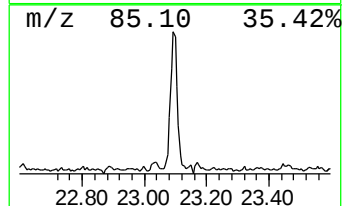
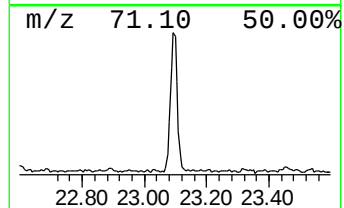
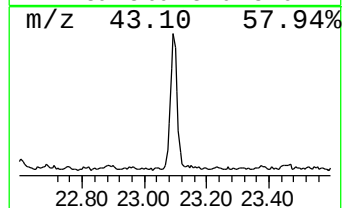
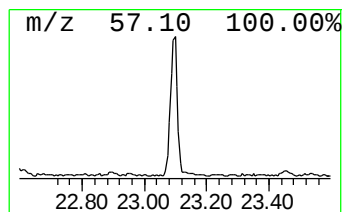
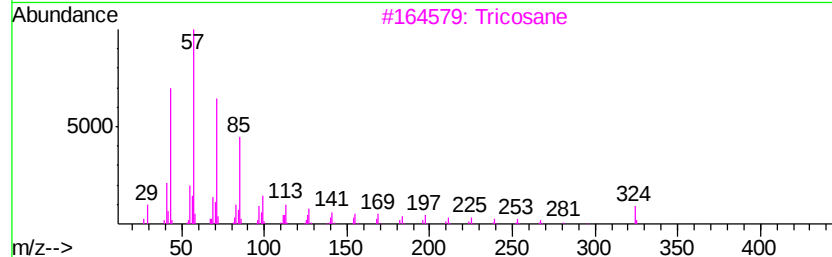
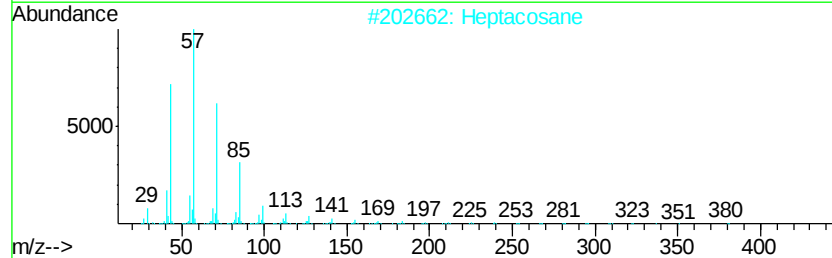
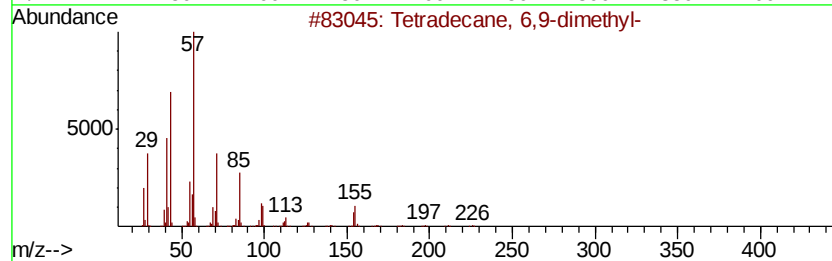
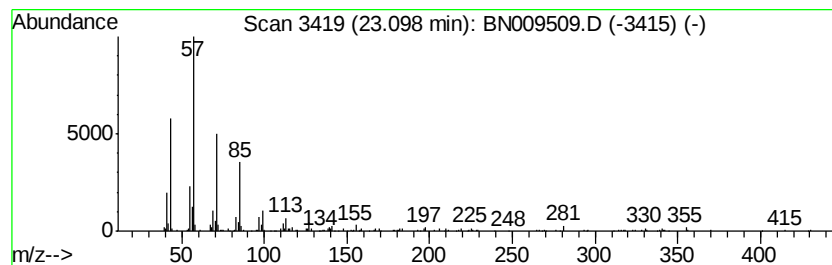
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.10	2.97 ng/ul	323604	Perylene-d12	23.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	87
2		Heptacosane	380	C27H56	000593-49-7	87
3		Tricosane	324	C23H48	000638-67-5	83
4		Eicosane	282	C20H42	000112-95-8	83
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009509.D
Acq On : 31 Jan 2020 14:01
Operator : CG/JU
Sample : L1271-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASZ8

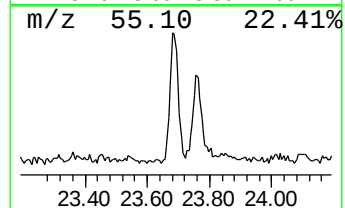
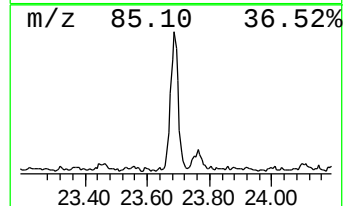
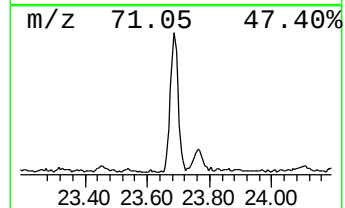
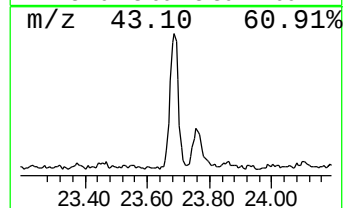
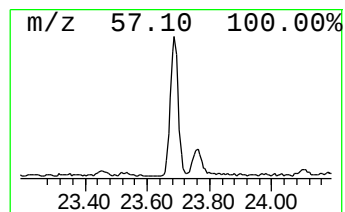
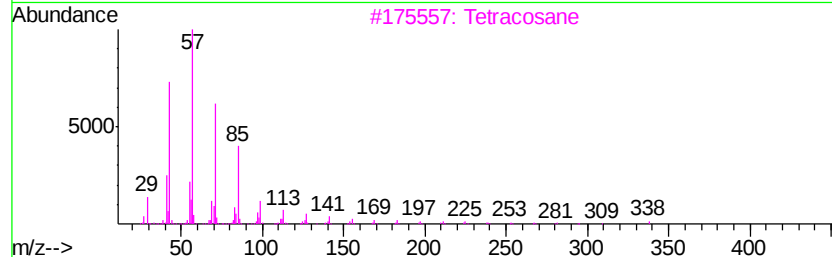
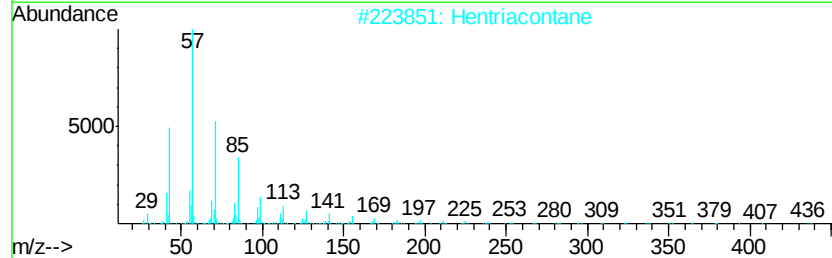
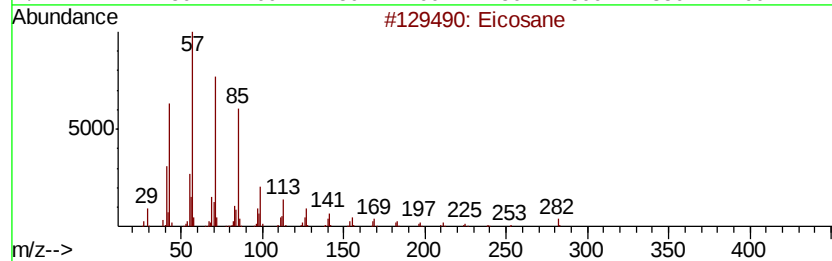
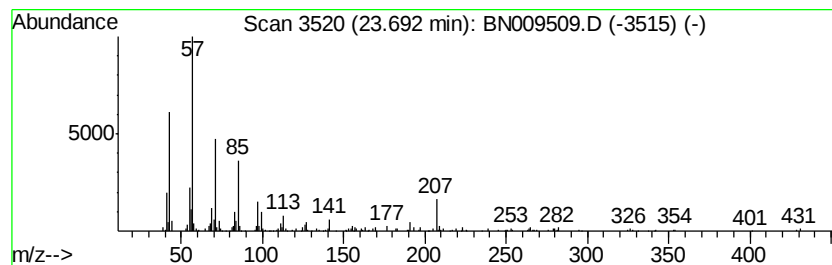
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.69	3.46 ng/ul	376931	Perylene-d12	23.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	89
2		Hentriacontane	437	C31H64	000630-04-6	83
3		Tetracosane	338	C24H50	000646-31-1	83
4		Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	83
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN013020\
Data File : BN009509.D
Acq On : 31 Jan 2020 14:01
Operator : CG/JU
Sample : L1271-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASZ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.77	3.4	ng/ul	366852	4	16.84	2186130	20.0
(DEL) Alkane: Cyc...	20.79	3.8	ng/ul	436413	5	21.05	2287660	20.0
(DEL) Alkane: Str...	22.57	3.0	ng/ul	321964	6	23.16	2180190	20.0
(DEL) Alkane: Str...	23.10	3.0	ng/ul	323604	6	23.16	2180190	20.0
(DEL) Alkane: Str...	23.69	3.5	ng/ul	376931	6	23.16	2180190	20.0