

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
 Data File : BM025686.D
 Acq On : 21 Mar 2020 06:58
 Operator : CG/JU
 Sample : L1977-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0AH8

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_M\METHODS\SOM-EPA-BM031420MA.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	3.146	41	44	54	rVB2	49036	78190	1.78%	0.149%
2	3.852	160	164	172	rVB3	15681	23049	0.53%	0.044%
3	6.757	652	658	669	rVB	767487	1261163	28.74%	2.405%
4	6.922	679	686	697	rBV	586228	922862	21.03%	1.760%
5	7.116	712	719	730	rVB	793743	1276788	29.10%	2.435%
6	7.575	790	797	807	rVB	842796	1302119	29.68%	2.483%
7	7.657	807	811	816	rBV3	8206	11817	0.27%	0.023%
8	8.281	910	917	926	rBV	994070	1537705	35.05%	2.932%
9	8.716	984	991	1001	rBV	768519	1214585	27.68%	2.316%
10	8.904	1019	1023	1029	rVB6	4945	7259	0.17%	0.014%
11	9.192	1066	1072	1079	rBV	14720	22218	0.51%	0.042%
12	9.434	1106	1113	1121	rBV	616941	990988	22.59%	1.890%
13	9.969	1197	1204	1213	rBV	1041824	1628921	37.13%	3.106%
14	10.339	1260	1267	1275	rBV	1142757	1877959	42.80%	3.581%
15	10.481	1283	1291	1301	rBV	905049	1511533	34.45%	2.882%
16	10.986	1373	1377	1385	rVB3	6645	11824	0.27%	0.023%
17	11.939	1534	1539	1544	rVB2	15568	24226	0.55%	0.046%
18	12.827	1685	1690	1695	rVB4	2387	4633	0.11%	0.009%
19	13.069	1726	1731	1736	rVB5	4622	7460	0.17%	0.014%
20	13.133	1736	1742	1746	rBV3	11914	19604	0.45%	0.037%
21	13.633	1820	1827	1831	rBV	1684613	2242135	51.10%	4.275%
22	13.680	1831	1835	1842	rVB	157187	211119	4.81%	0.403%
23	13.904	1866	1873	1882	rBV	2030056	2910977	66.35%	5.551%
24	14.145	1910	1914	1919	rBV5	3523	4943	0.11%	0.009%
25	14.216	1919	1926	1935	rVB	1749511	2515406	57.33%	4.796%
26	14.416	1954	1960	1971	rBV	691586	1026416	23.39%	1.957%
27	14.663	1999	2002	2006	rVB4	6886	9286	0.21%	0.018%
28	15.104	2073	2077	2080	rBV3	5827	6642	0.15%	0.013%
29	15.210	2089	2095	2106	rBV	2579897	3539792	80.68%	6.750%
30	15.333	2110	2116	2128	rVV	629331	825016	18.80%	1.573%
31	15.451	2132	2136	2140	rVV2	28542	36672	0.84%	0.070%
32	15.910	2210	2214	2220	rVB6	3634	5919	0.13%	0.011%
33	15.968	2220	2224	2226	rBV3	4483	5646	0.13%	0.011%
34	15.998	2226	2229	2232	rVV3	8405	10966	0.25%	0.021%

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35	16.198	2259	2263	2266	rVV5	8097	11861	0.27%	0.023%
36	16.221	2266	2267	2273	rVB4	4160	5815	0.13%	0.011%
37	16.745	2353	2356	2365	rVB3	9096	18284	0.42%	0.035%
38	16.957	2386	2392	2398	rBV	2136647	2898702	66.07%	5.527%
39	16.998	2398	2399	2402	rVV	7317	6237	0.14%	0.012%
40	17.057	2403	2409	2421	rVV	2710769	3654255	83.29%	6.968%
41	17.163	2425	2427	2432	rVB4	4497	5467	0.12%	0.010%
42	17.368	2458	2462	2467	rVB6	6588	8614	0.20%	0.016%
43	17.639	2505	2508	2511	rBV5	3922	5072	0.12%	0.010%
44	17.880	2545	2549	2558	rBV	243094	357556	8.15%	0.682%
45	18.180	2596	2600	2605	rVB5	15308	23536	0.54%	0.045%
46	18.321	2619	2624	2625	rBV5	5219	7195	0.16%	0.014%
47	18.480	2650	2651	2655	rBV4	4135	4968	0.11%	0.009%
48	18.692	2683	2687	2690	rBV5	5641	6138	0.14%	0.012%
49	18.757	2695	2698	2701	rBV5	10254	12351	0.28%	0.024%
50	18.827	2707	2710	2715	rBV5	6954	9480	0.22%	0.018%
51	18.992	2733	2738	2740	rBV2	27458	36996	0.84%	0.071%
52	19.021	2740	2743	2747	rVB	16115	21014	0.48%	0.040%
53	19.168	2764	2768	2772	rBV2	86548	113482	2.59%	0.216%
54	19.239	2777	2780	2786	rVB	25827	35682	0.81%	0.068%
55	19.356	2794	2800	2806	rBV	3203878	4191173	95.52%	7.992%
56	19.439	2812	2814	2818	rVB5	8727	9706	0.22%	0.019%
57	19.904	2890	2893	2896	rBV3	19544	17451	0.40%	0.033%
58	19.945	2897	2900	2902	rBV2	26283	26128	0.60%	0.050%
59	20.439	2982	2984	2988	rVB4	29835	29334	0.67%	0.056%
60	20.892	3057	3061	3067	rBV	533974	648532	14.78%	1.237%
61	21.150	3099	3105	3110	rBV	2766034	3362729	76.64%	6.412%
62	21.339	3134	3137	3142	rBV2	122259	128957	2.94%	0.246%
63	21.762	3206	3209	3218	rVB2	238466	338958	7.73%	0.646%
64	22.209	3281	3285	3295	rVB	227604	335968	7.66%	0.641%
65	22.692	3363	3367	3371	rBV	272484	386156	8.80%	0.736%
66	23.168	3441	3448	3455	rBV	2632600	4387518	100.00%	8.366%
67	23.233	3455	3459	3464	rVV	256405	395969	9.02%	0.755%
68	23.303	3464	3471	3481	rVB2	1955440	3480282	79.32%	6.636%
69	23.850	3559	3564	3570	rVB	220461	375278	8.55%	0.716%

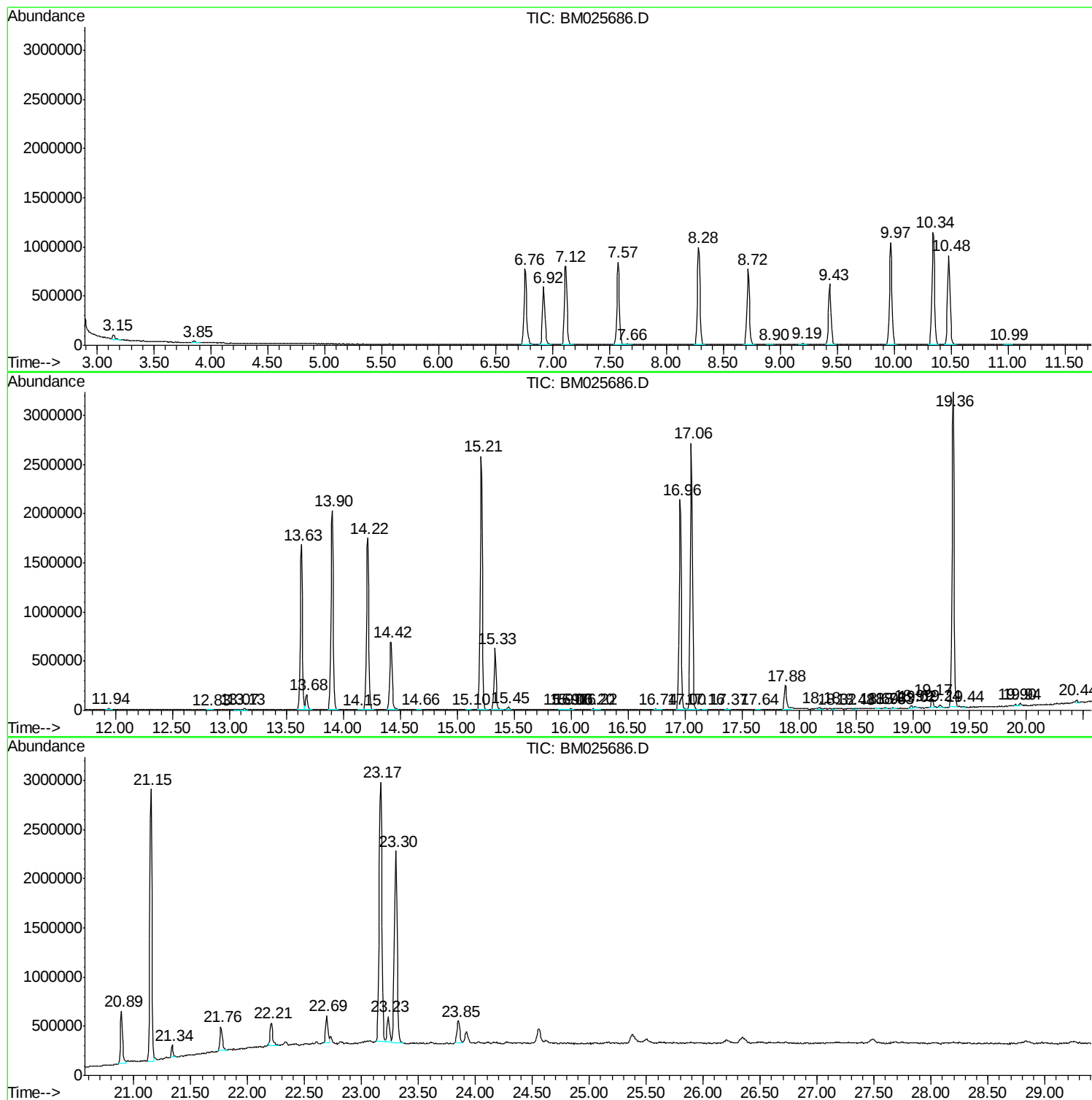
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Quant Title : SVOA CALIBRATION

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



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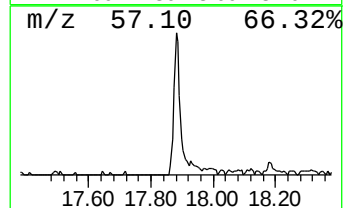
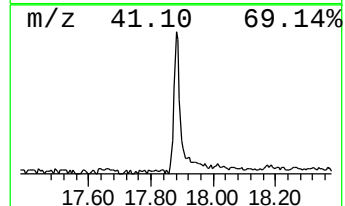
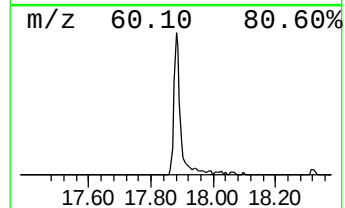
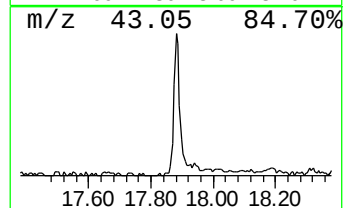
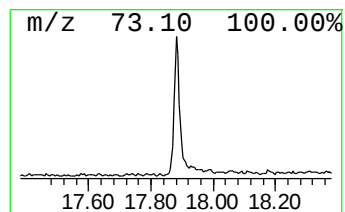
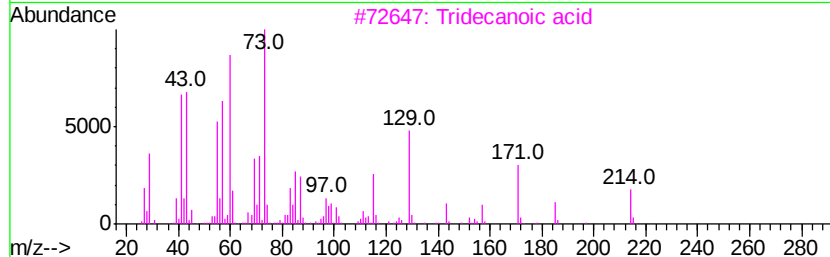
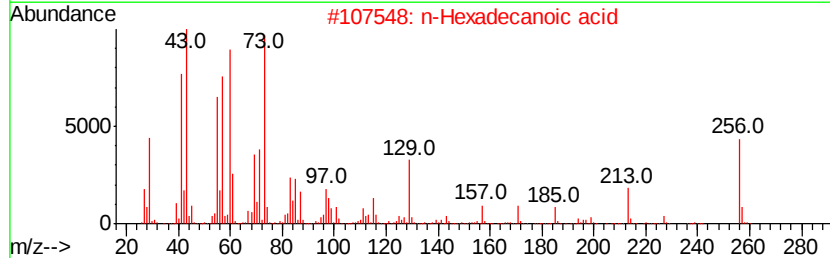
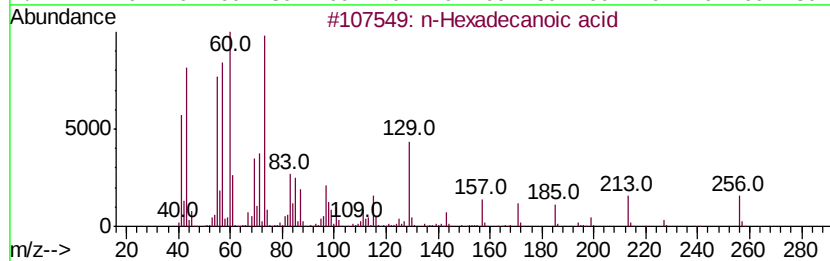
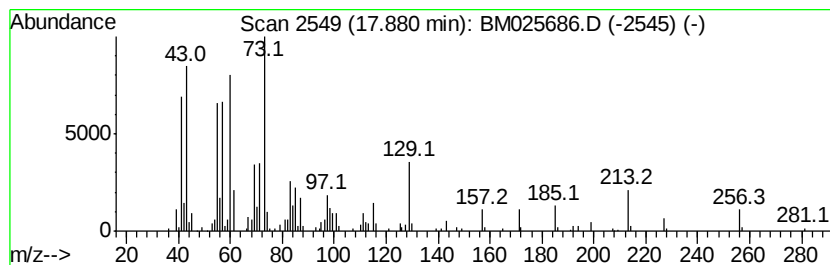
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.88	2.47 ng/ul	357556	Phenanthrene-d10	16.96		
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	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	97
4		Tridecanoic acid	214	C13H26O2	000638-53-9	94
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	94



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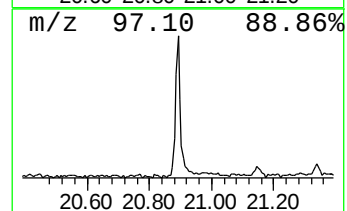
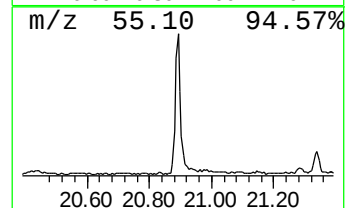
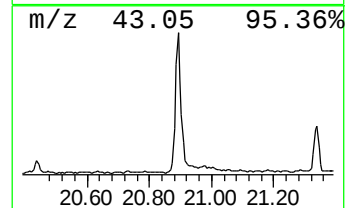
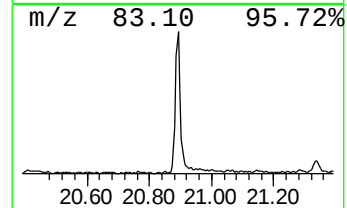
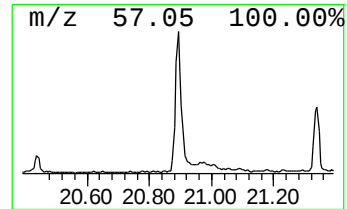
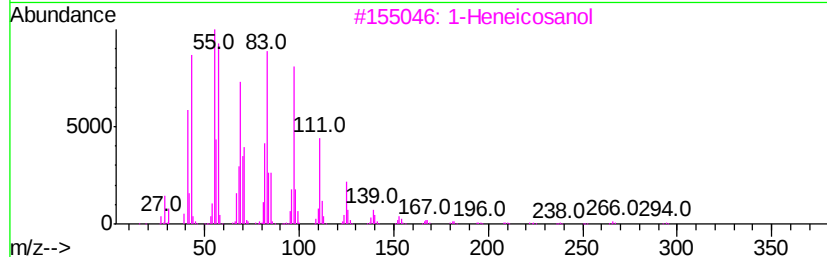
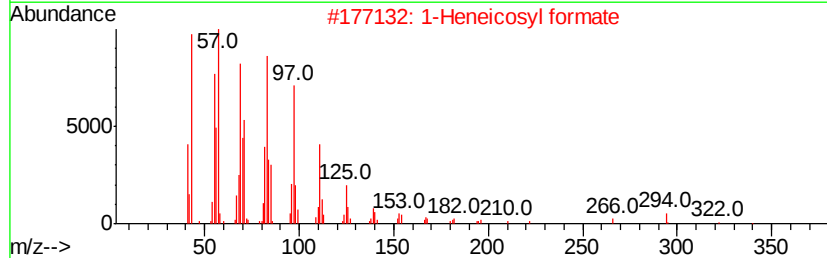
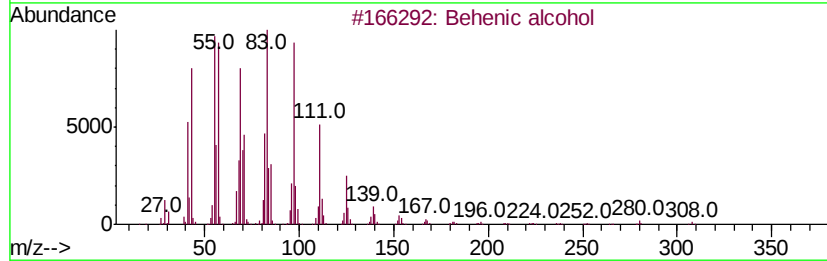
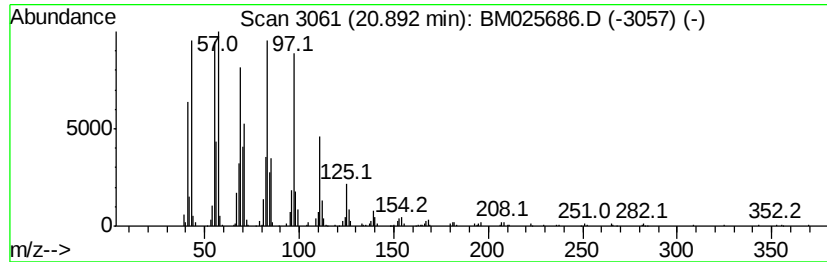
Instrument :
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	3.86 ng/ul	648532	Chrysene-d12	21.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 95
2		1-Heneicosyl formate	340 C22H44O2	077899-03-7 94
3		1-Heneicosanol	312 C21H44O	015594-90-8 94
4		Trifluoroacetic acid, pentadecyl...	324 C17H31F3O2	959010-23-2 94
5		2-Chloropropionic acid, octadec...	360 C21H41ClO2	088104-31-8 94



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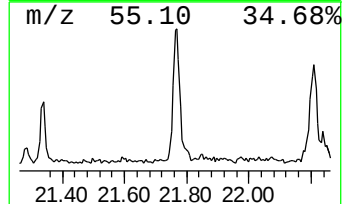
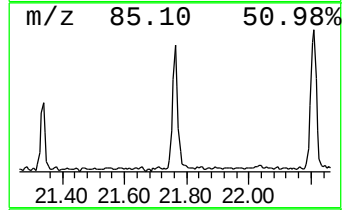
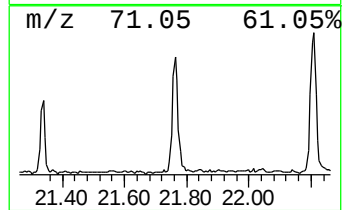
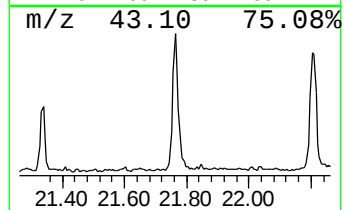
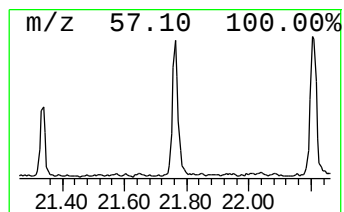
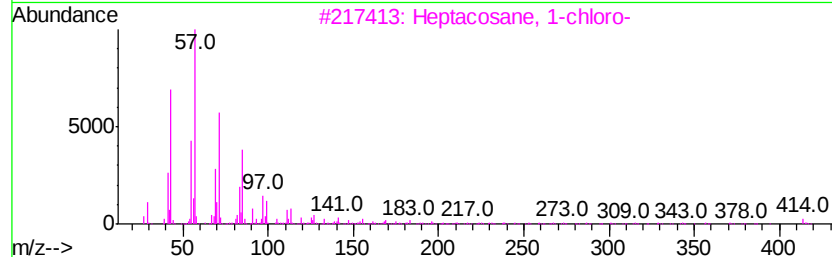
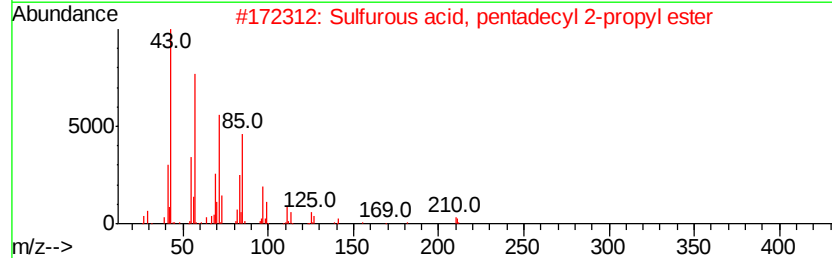
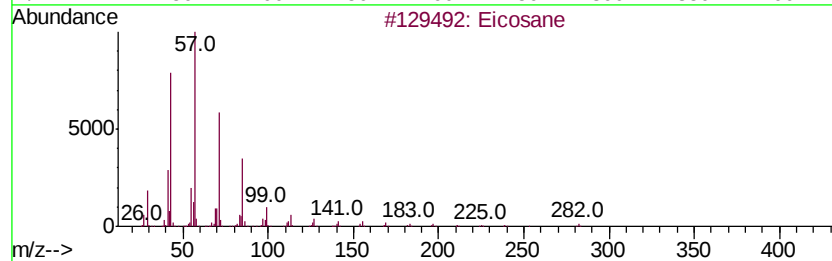
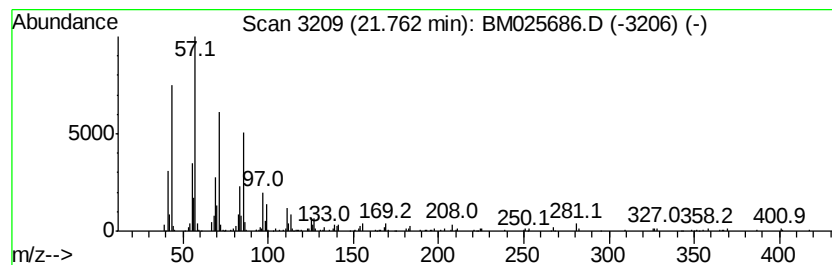
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	2.02 ng/ul	338958	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
4		Tritetracontane	605	C43H88	007098-21-7	91
5		Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	91



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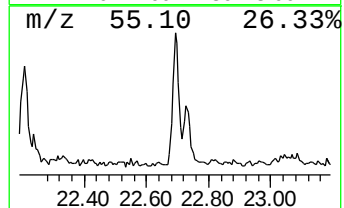
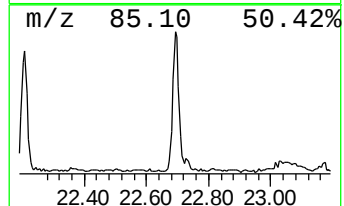
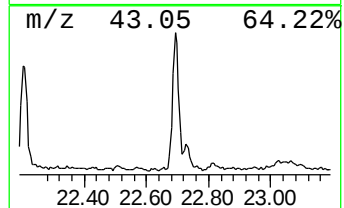
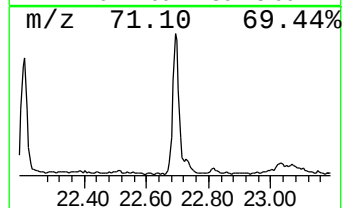
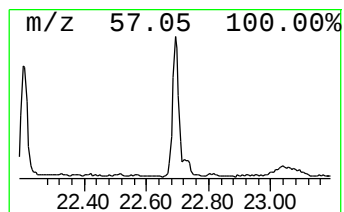
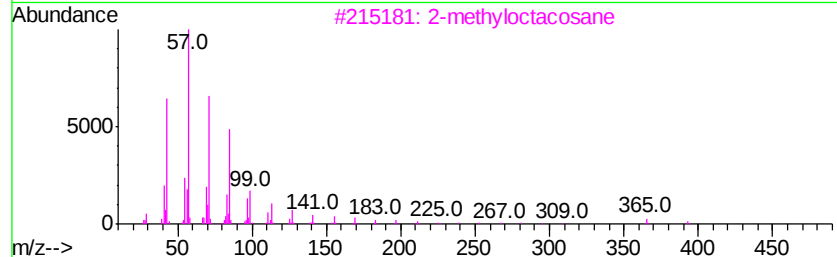
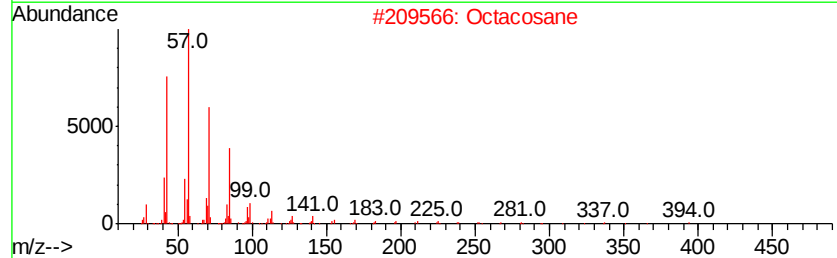
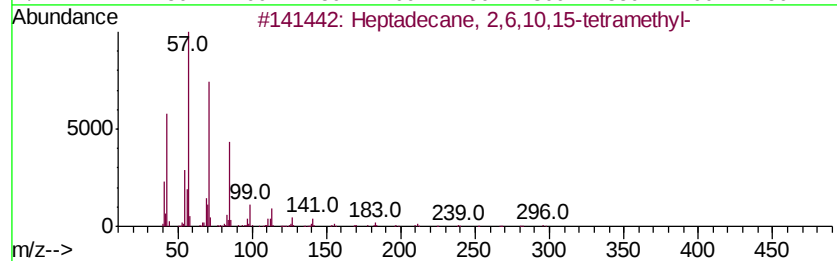
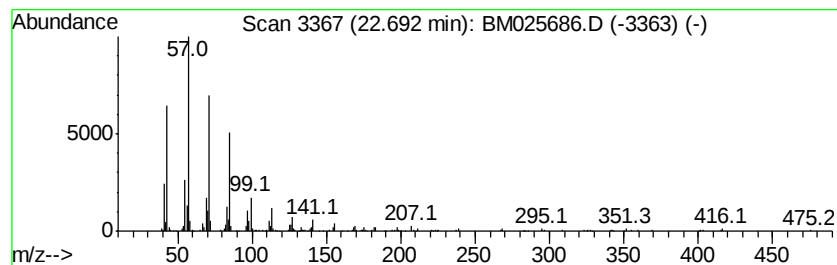
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	2.22 ng/ul	386156	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Octacosane	394	C28H58	000630-02-4	90
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Tetracosane	338	C24H50	000646-31-1	90



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ClientSampleId :
B0AH8

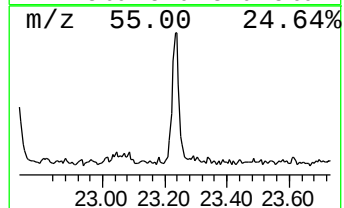
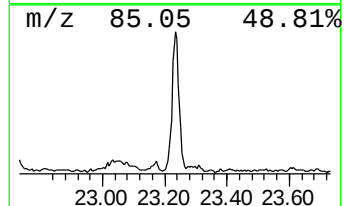
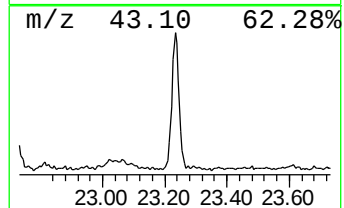
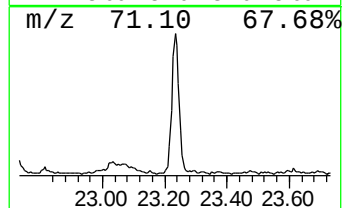
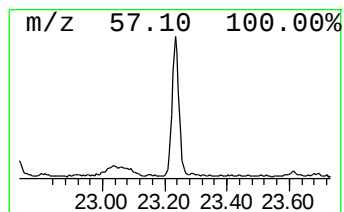
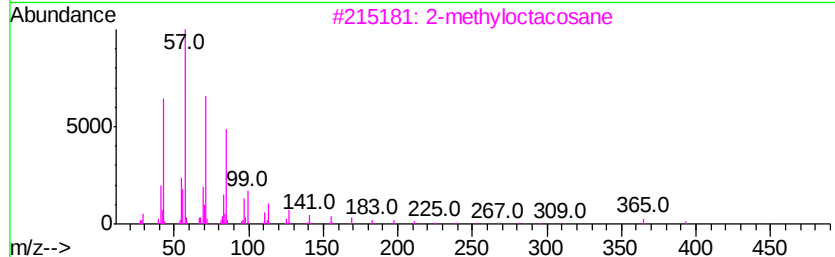
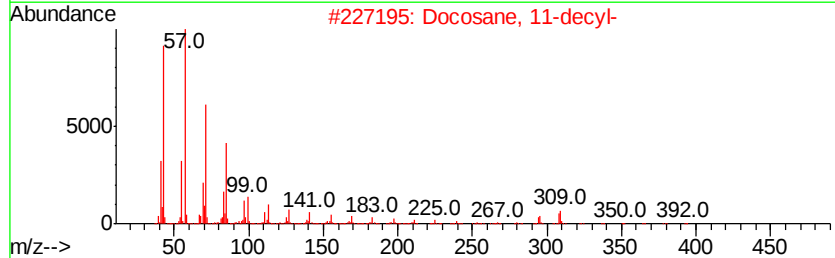
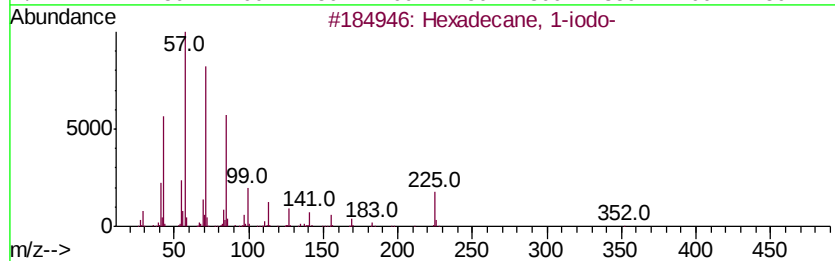
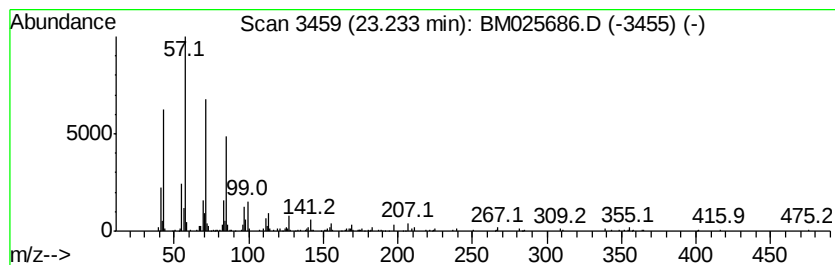
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Hexadecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	2.28 ng/ul	395969	Perylene-d12	23.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	93
2	Docosane, 11-decyl-		451	C32H66	055401-55-3	90
3	2-methyloctacosane		408	C29H60	1000376-72-8	90
4	Tetratetracontane		619	C44H90	007098-22-8	90
5	Docosane		310	C22H46	000629-97-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025686.D
Acq On : 21 Mar 2020 06:58
Operator : CG/JU
Sample : L1977-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B0AH8

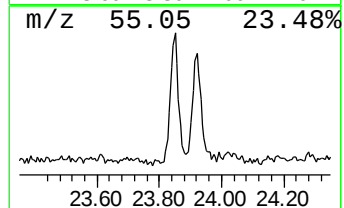
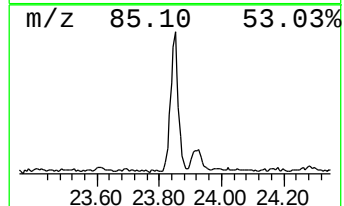
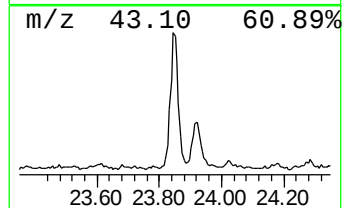
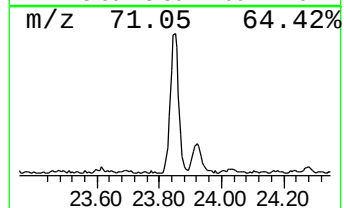
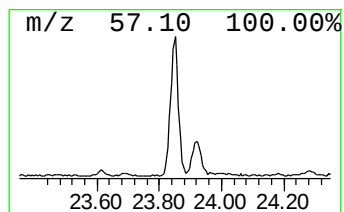
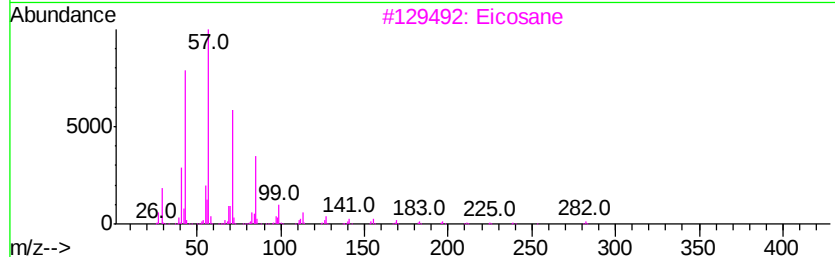
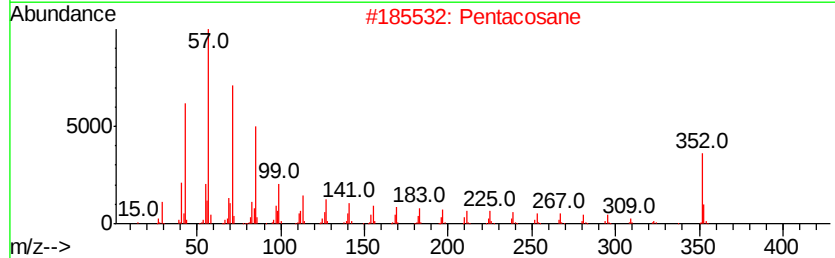
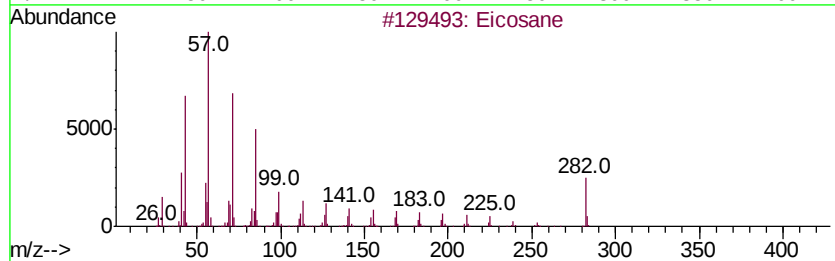
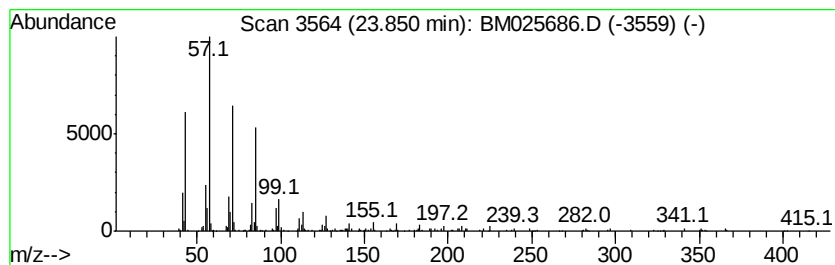
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	2.16 ng/ul	375278	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Pentacosane	352	C25H52	000629-99-2	90
3		Eicosane	282	C20H42	000112-95-8	89
4		Docosane	310	C22H46	000629-97-0	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032020\
Data File : BM025686.D
Acq On : 21 Mar 2020 06:58
Operator : CG/JU
Sample : L1977-03
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B0AH8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.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	17.88	2.5	ng/ul	357556	4	16.96	2898700	20.0
Behenic alcohol	20.89	3.9	ng/ul	648532	5	21.15	3362730	20.0
(DEL) Alkane: Str...	21.76	2.0	ng/ul	338958	5	21.15	3362730	20.0
(DEL) Alkane: Str...	22.69	2.2	ng/ul	386156	6	23.30	3480280	20.0
Hexadecane, 1-iodo-	23.23	2.3	ng/ul	395969	6	23.30	3480280	20.0
(DEL) Alkane: Str...	23.85	2.2	ng/ul	375278	6	23.30	3480280	20.0