

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
 Data File : BM024593.D
 Acq On : 22 Jan 2020 21:56
 Operator : JU
 Sample : L1118-20
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GASN5

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-BM011520MA.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	3.057	25	29	39	rVB	38356	56132	1.00%	0.089%
2	3.328	74	75	79	rBV3	7138	10941	0.20%	0.017%
3	3.675	129	134	137	rBV4	8929	15181	0.27%	0.024%
4	3.751	145	147	155	rVB4	10844	16070	0.29%	0.026%
5	4.640	295	298	301	rBV3	6926	6652	0.12%	0.011%
6	6.639	632	638	651	rBV2	756848	1368947	24.47%	2.172%
7	6.798	659	665	672	rBV	541704	813035	14.53%	1.290%
8	6.992	691	698	706	rBV	781349	1244246	22.24%	1.975%
9	7.451	770	776	784	rBV	866007	1335525	23.87%	2.119%
10	7.539	786	791	797	rVB2	25428	40708	0.73%	0.065%
11	8.157	890	896	904	rBV	981653	1550035	27.70%	2.460%
12	8.586	962	969	977	rBV	792728	1260943	22.54%	2.001%
13	9.086	1051	1054	1058	rVB5	10966	13653	0.24%	0.022%
14	9.304	1082	1091	1099	rBV	710514	1136973	20.32%	1.804%
15	9.839	1175	1182	1193	rBV	1114896	1777112	31.76%	2.820%
16	10.210	1237	1245	1254	rBV	1242392	2012990	35.98%	3.194%
17	10.345	1261	1268	1280	rBV	957764	1612711	28.83%	2.559%
18	10.851	1352	1354	1360	rVB5	3196	5841	0.10%	0.009%
19	11.586	1472	1479	1482	rBV5	3758	5733	0.10%	0.009%
20	11.804	1512	1516	1523	rBV2	16719	28059	0.50%	0.045%
21	12.633	1653	1657	1661	rBV5	4208	6626	0.12%	0.011%
22	12.716	1664	1671	1674	rBV5	6246	8245	0.15%	0.013%
23	13.521	1801	1808	1812	rBV	2063680	2778057	49.65%	4.409%
24	13.568	1812	1816	1824	rVB	316406	430778	7.70%	0.684%
25	13.786	1846	1853	1862	rBV	2274901	3331429	59.55%	5.287%
26	14.098	1899	1906	1916	rVB2	2060294	2976496	53.20%	4.723%
27	14.310	1935	1942	1958	rBV	819760	1307378	23.37%	2.075%
28	14.533	1976	1980	1989	rVB6	19126	35546	0.64%	0.056%
29	14.945	2046	2050	2055	rBV4	8707	11631	0.21%	0.018%
30	15.009	2057	2061	2065	rVB5	6227	9575	0.17%	0.015%
31	15.098	2069	2076	2085	rBV	3003858	4201816	75.10%	6.668%
32	15.221	2092	2097	2108	rBV	868953	1185173	21.18%	1.881%
33	15.339	2113	2117	2122	rVB2	31047	45650	0.82%	0.072%
34	15.562	2153	2155	2158	rBV4	8058	9841	0.18%	0.016%

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35	15.815	2194	2198	2202	rVB5	5698	9939	0.18%	0.016%
36	15.874	2202	2208	2209	rBV6	9440	13708	0.25%	0.022%
37	15.886	2209	2210	2215	rVV5	12648	13660	0.24%	0.022%
38	16.021	2232	2233	2238	rVB5	5166	6858	0.12%	0.011%
39	16.227	2262	2268	2276	rBV7	3434	10429	0.19%	0.017%
40	16.304	2276	2281	2286	rVV4	6780	10861	0.19%	0.017%
41	16.633	2333	2337	2340	rBV4	8298	12493	0.22%	0.020%
42	16.662	2340	2342	2346	rVB3	8245	8809	0.16%	0.014%
43	16.851	2367	2374	2383	rBV	2685395	3716483	66.43%	5.898%
44	16.945	2384	2390	2402	rVV	3416644	4659606	83.28%	7.394%
45	17.068	2408	2411	2416	rVB5	11890	14254	0.25%	0.023%
46	17.274	2442	2446	2452	rBV6	11340	21521	0.38%	0.034%
47	17.398	2464	2467	2472	rBV6	5486	8870	0.16%	0.014%
48	17.545	2488	2492	2495	rVB5	4649	6580	0.12%	0.010%
49	17.662	2508	2512	2515	rBV6	5022	8079	0.14%	0.013%
50	17.786	2528	2533	2541	rBV	389663	575011	10.28%	0.912%
51	17.915	2551	2555	2562	rVB9	13924	18655	0.33%	0.030%
52	18.092	2583	2585	2588	rVB3	7729	9246	0.17%	0.015%
53	18.227	2603	2608	2611	rVB5	4976	8735	0.16%	0.014%
54	18.274	2611	2616	2620	rBV8	4076	9455	0.17%	0.015%
55	18.462	2643	2648	2650	rBV5	7242	9843	0.18%	0.016%
56	18.609	2669	2673	2675	rVB4	6803	9806	0.18%	0.016%
57	18.656	2677	2681	2687	rVV6	15494	22337	0.40%	0.035%
58	18.886	2715	2720	2724	rBV	44595	62197	1.11%	0.099%
59	18.956	2724	2732	2736	rBV10	14307	33063	0.59%	0.052%
60	19.080	2749	2753	2759	rBV2	114490	156262	2.79%	0.248%
61	19.139	2759	2763	2768	rVB	33545	47895	0.86%	0.076%
62	19.250	2776	2782	2791	rBV	4306888	5594803	100.00%	8.878%
63	19.503	2822	2825	2829	rBV4	9372	11246	0.20%	0.018%
64	19.821	2876	2879	2882	rBV4	25218	24415	0.44%	0.039%
65	20.221	2946	2947	2951	rVB4	15083	13280	0.24%	0.021%
66	20.356	2968	2970	2975	rVB3	25406	27867	0.50%	0.044%
67	20.815	3043	3048	3061	rBV	943410	1310020	23.41%	2.079%
68	21.056	3084	3089	3098	rBV	3331315	4116658	73.58%	6.533%
69	21.262	3121	3124	3129	rBV	182291	189291	3.38%	0.300%
70	21.686	3192	3196	3201	rBV2	282939	388198	6.94%	0.616%
71	22.121	3267	3270	3275	rVB	366947	444793	7.95%	0.706%

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72	22.238	3287	3290	3294	rVB	117876	133470	2.39%	0.212%
73	22.603	3348	3352	3356	rVB	425857	549226	9.82%	0.872%
74	23.038	3420	3426	3436	rVB	2607422	4391790	78.50%	6.969%
75	23.133	3437	3442	3444	rVV	446816	708095	12.66%	1.124%
76	23.174	3444	3449	3460	rVB	1965142	3482928	62.25%	5.527%
77	23.732	3539	3544	3550	rVB2	363361	623754	11.15%	0.990%
78	23.803	3551	3556	3563	rVB2	185710	354688	6.34%	0.563%
79	24.421	3657	3661	3668	rVB2	275370	516823	9.24%	0.820%

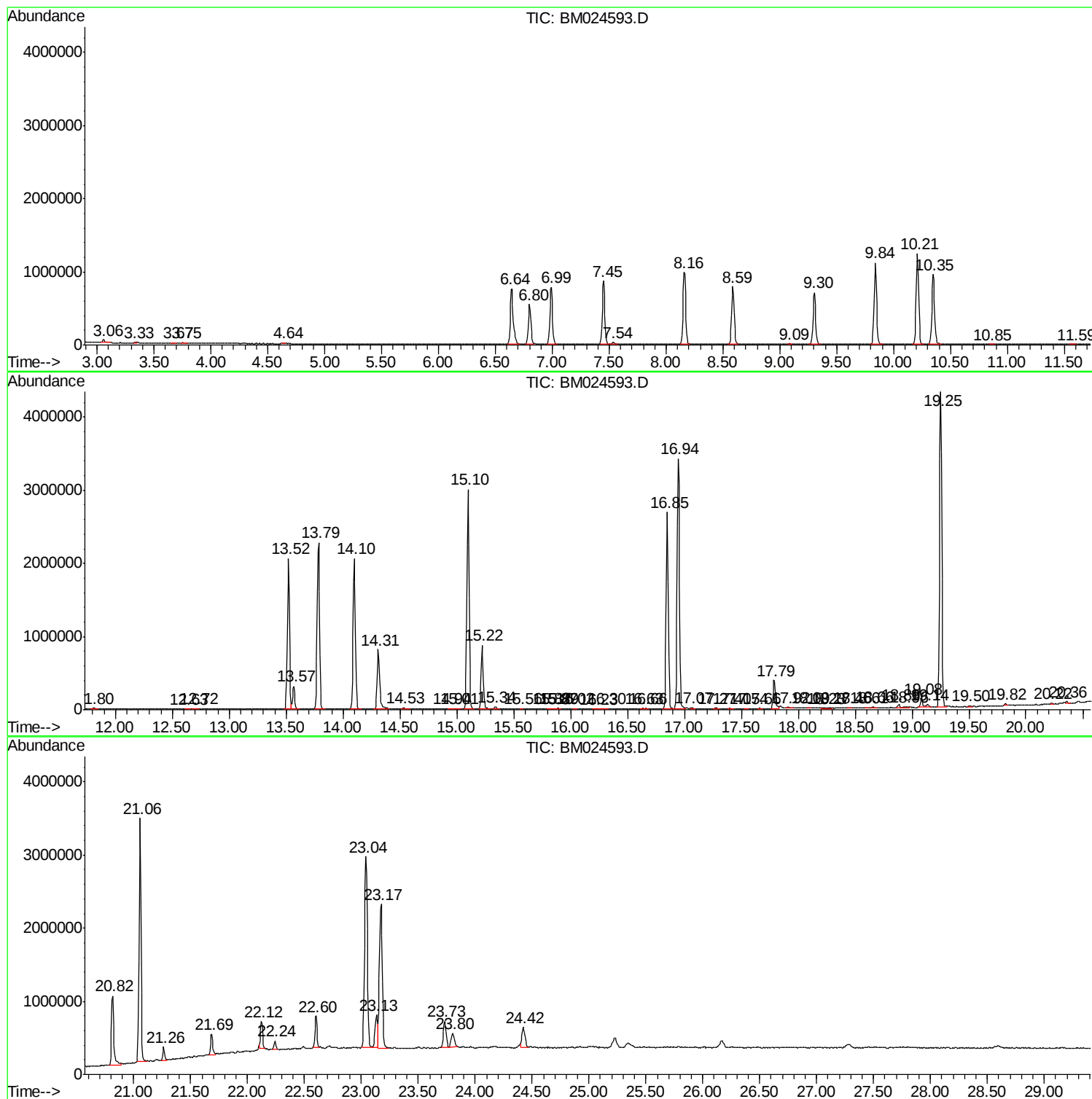
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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



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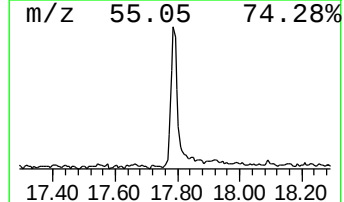
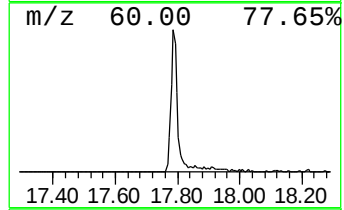
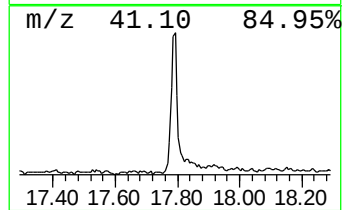
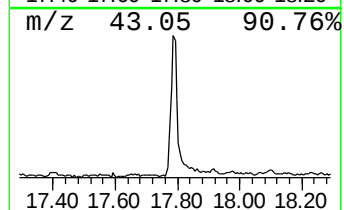
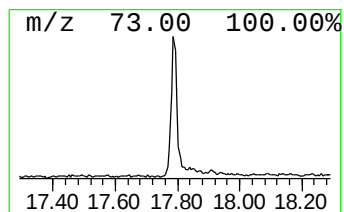
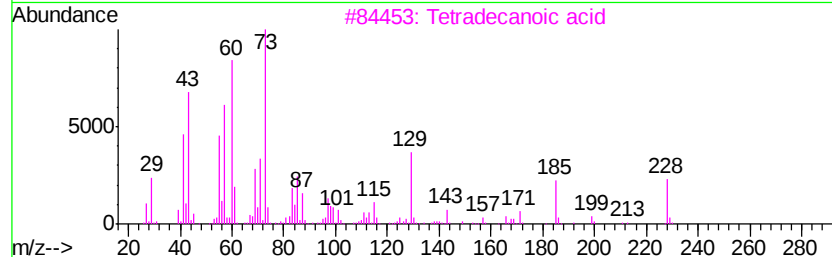
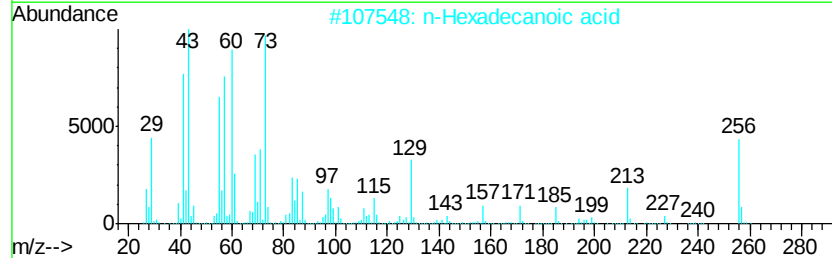
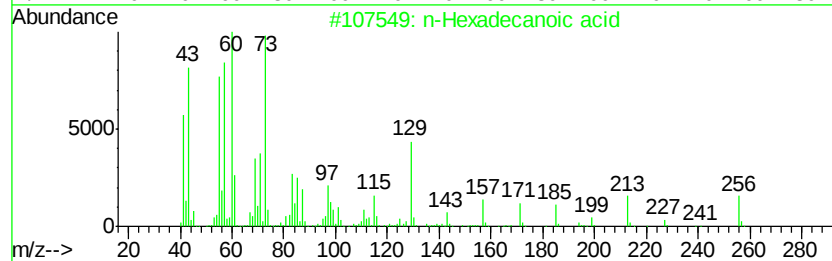
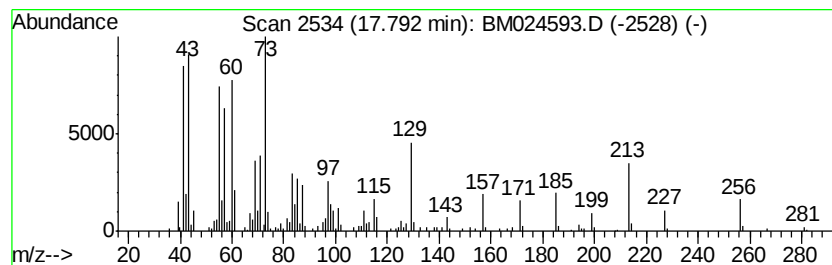
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.79	3.09 ng/ul	575011	Phenanthrene-d10		16.85	
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		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5		Tridecanoic acid	214	C13H26O2	000638-53-9	91



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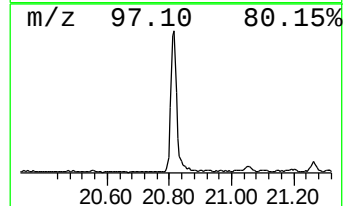
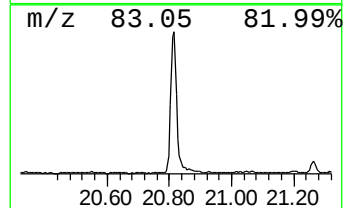
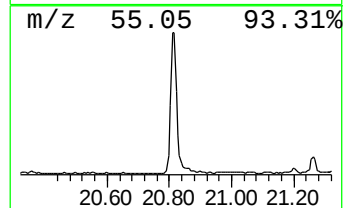
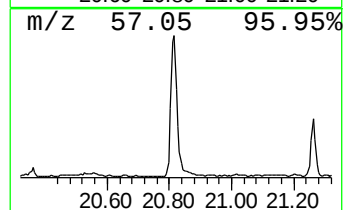
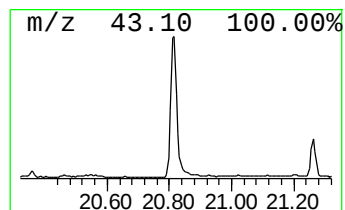
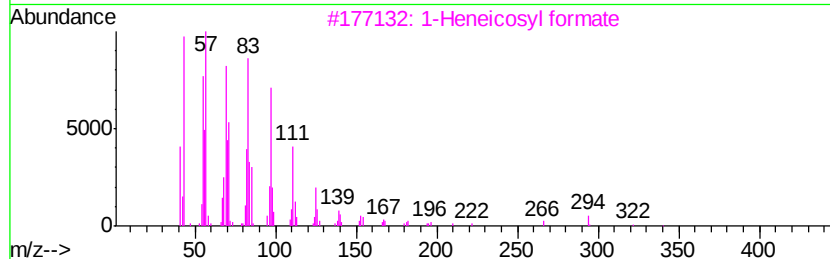
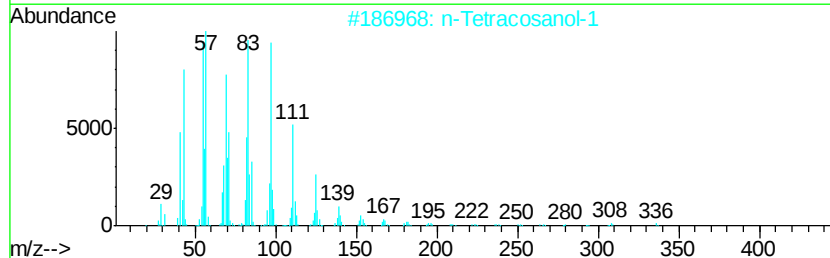
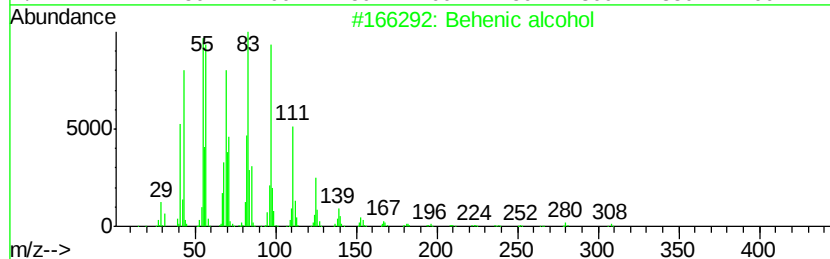
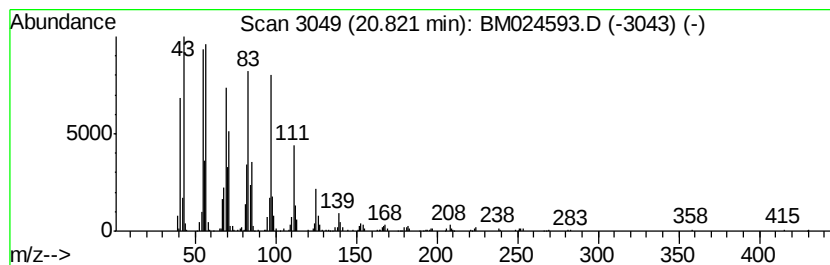
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	6.36 ng/ul	1310020	Chrysene-d12	21.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 95
2		n-Tetracosanol-1	354 C24H50O	000506-51-4 95
3		1-Heneicosyl formate	340 C22H44O2	077899-03-7 94
4		1-Heneicosanol	312 C21H44O	015594-90-8 94
5		n-Nonadecanol-1	284 C19H40O	001454-84-8 94



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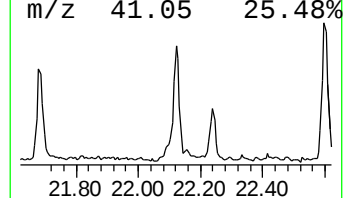
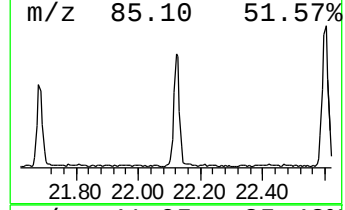
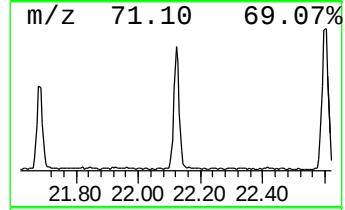
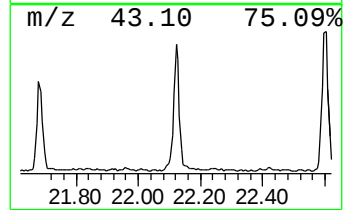
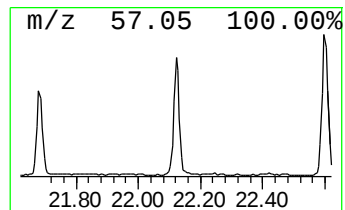
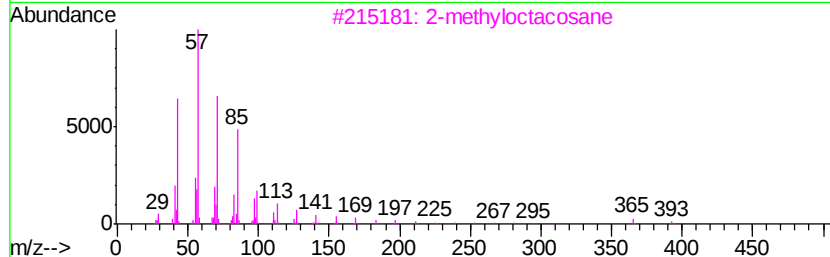
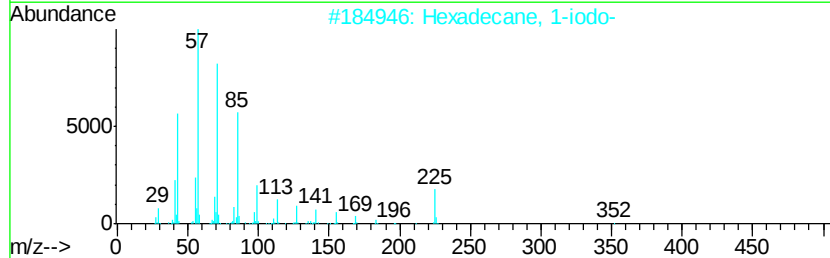
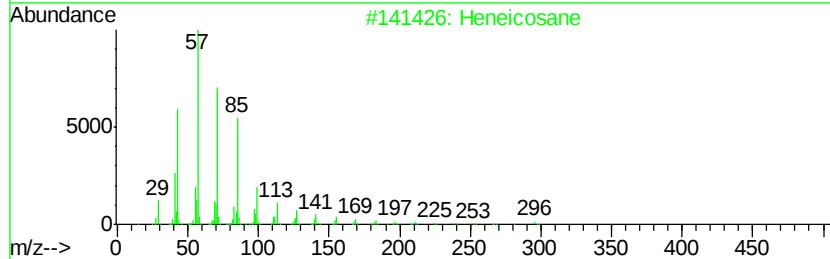
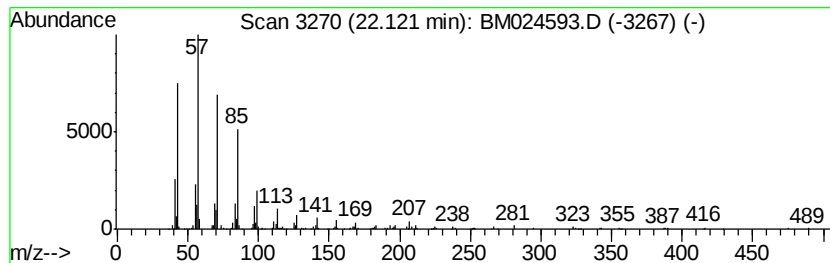
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.12	2.55 ng/ul	444793	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Hexacosane	366	C26H54	000630-01-3	87



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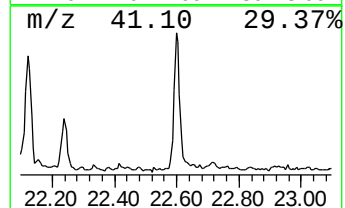
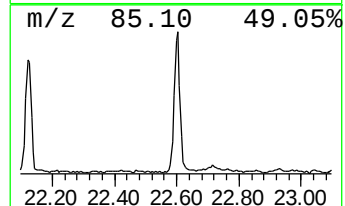
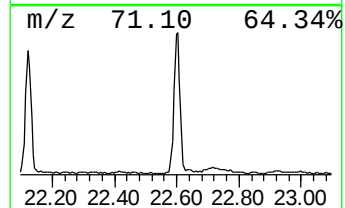
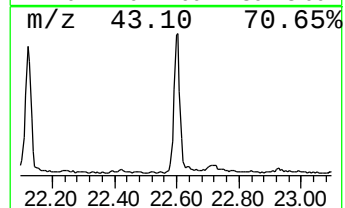
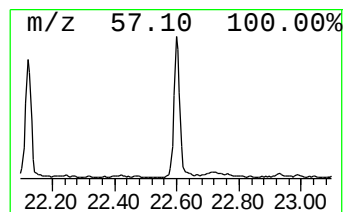
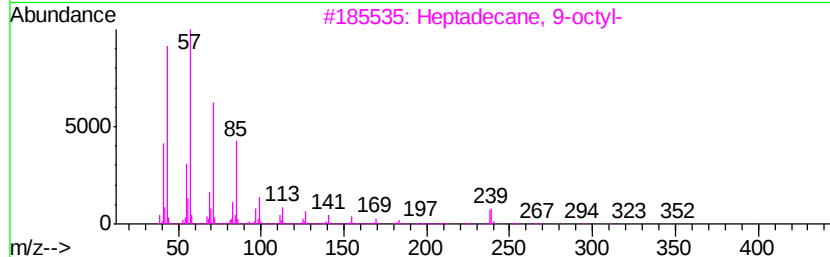
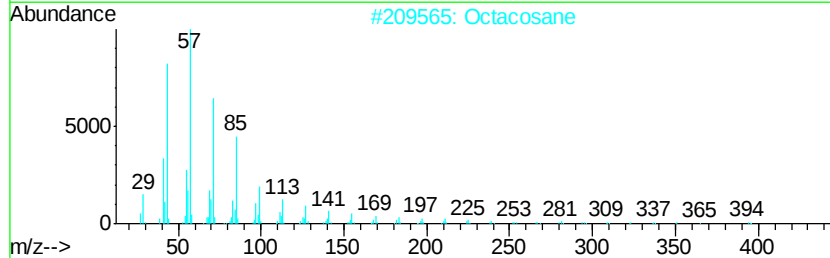
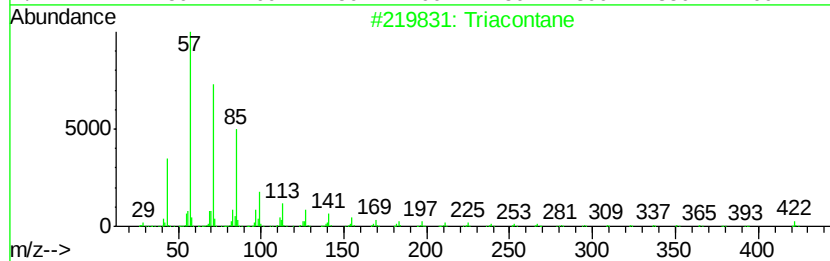
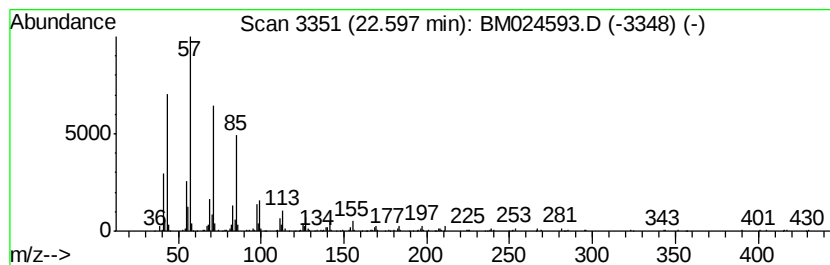
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.60	3.15 ng/ul	549226	Perylene-d12	23.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024593.D
Acq On : 22 Jan 2020 21:56
Operator : JU
Sample : L1118-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASN5

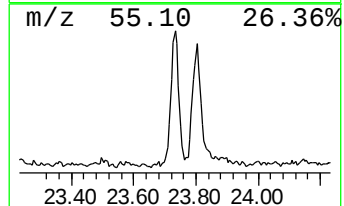
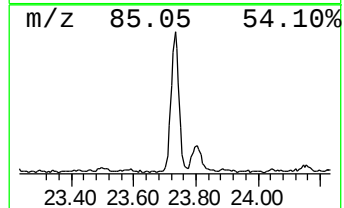
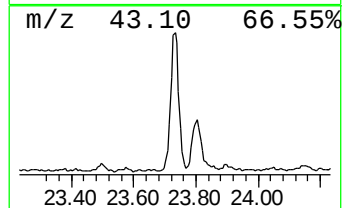
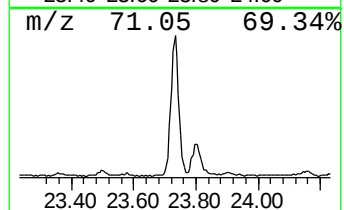
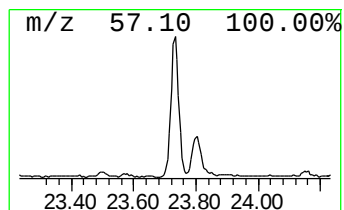
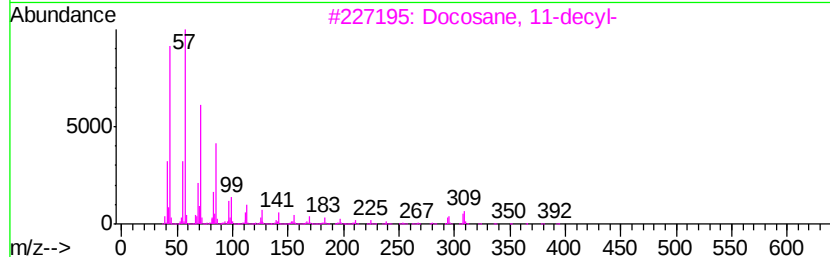
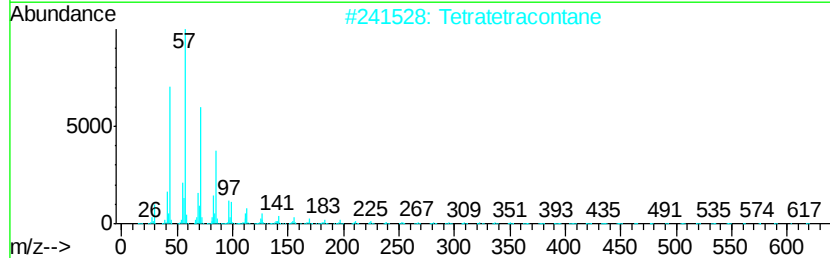
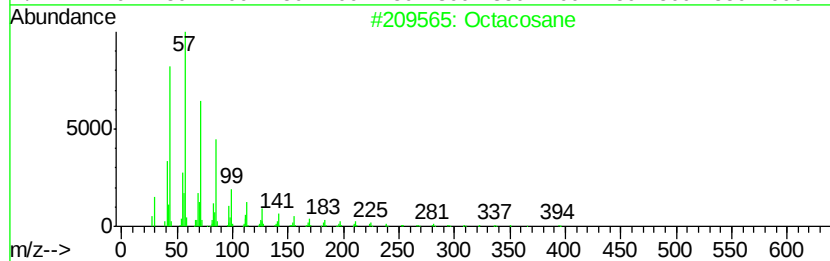
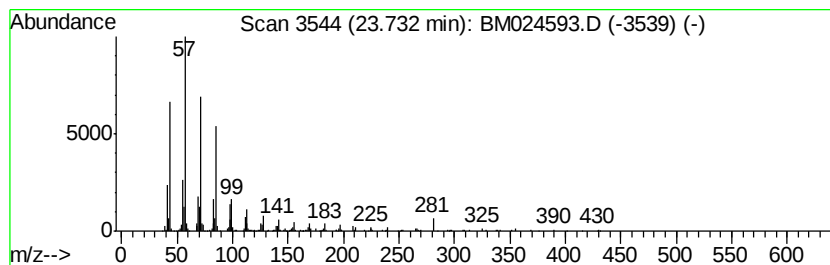
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Quant Title : SVOA CALIBRATION

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.
23.73	3.58 ng/ul	623754	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Docosane, 11-decyl-	451	C32H66	055401-55-3	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024593.D
Acq On : 22 Jan 2020 21:56
Operator : JU
Sample : L1118-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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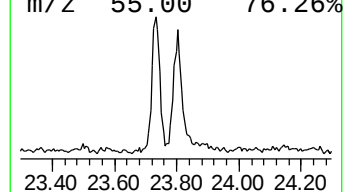
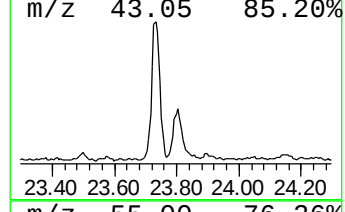
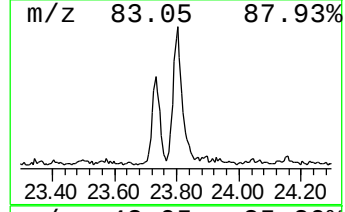
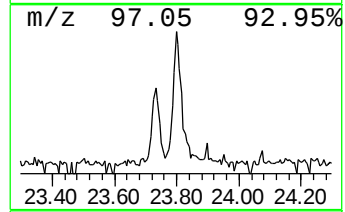
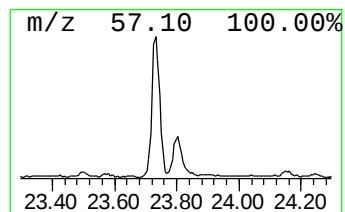
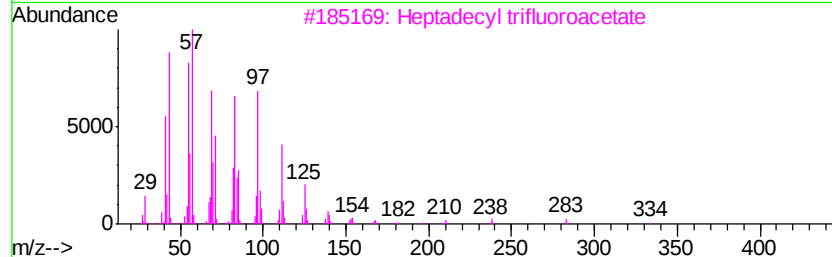
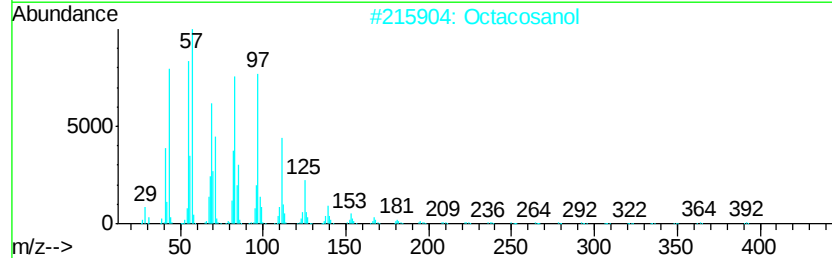
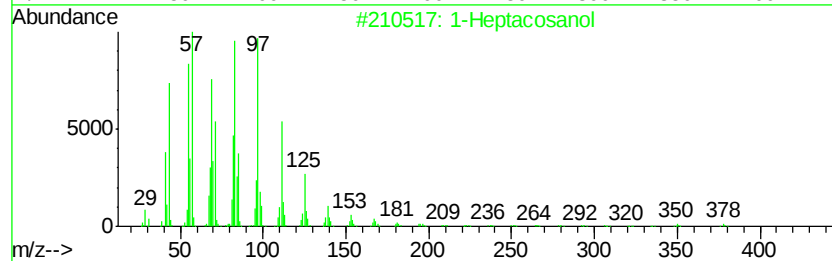
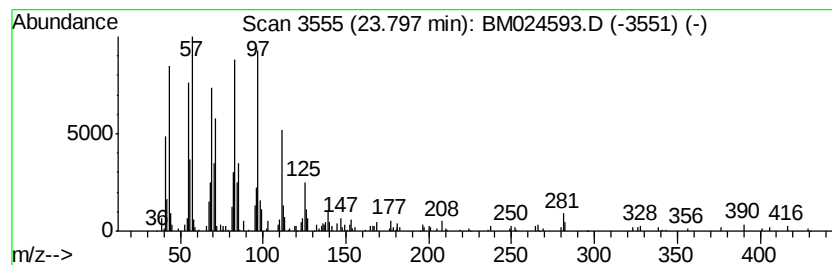
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1-Heptacosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	2.04 ng/ul	354688	Perylene-d12	23.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol		396	C27H56O	002004-39-9	95
2	Octacosanol		410	C28H58O	000557-61-9	93
3	Heptadecyl trifluoroacetate		352	C19H35F3O2	1000351-87-0	93
4	n-Tetracosanol-1		354	C24H50O	000506-51-4	93
5	Octacosyl acetate		452	C30H60O2	018206-97-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024593.D
Acq On : 22 Jan 2020 21:56
Operator : JU
Sample : L1118-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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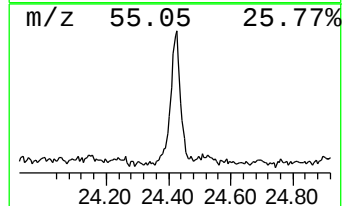
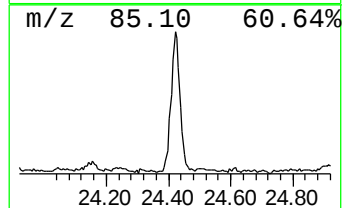
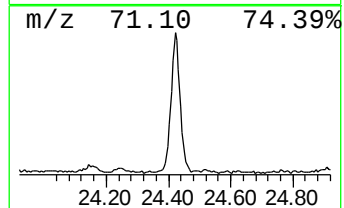
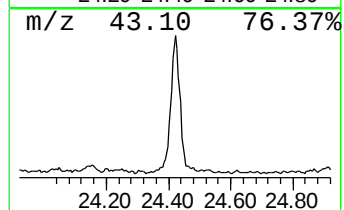
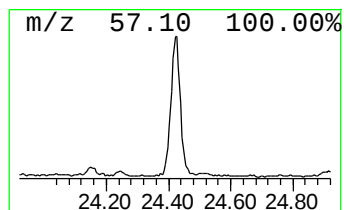
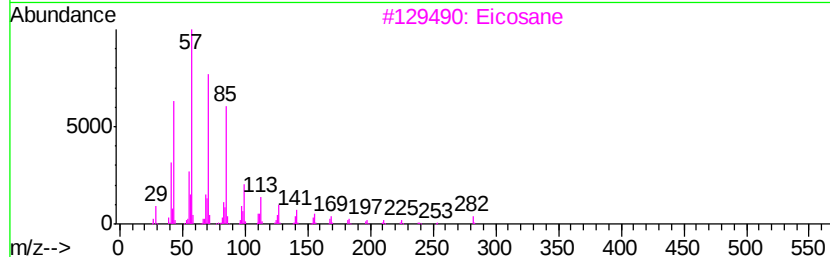
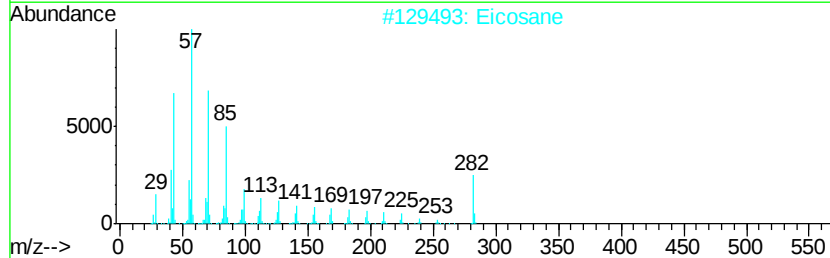
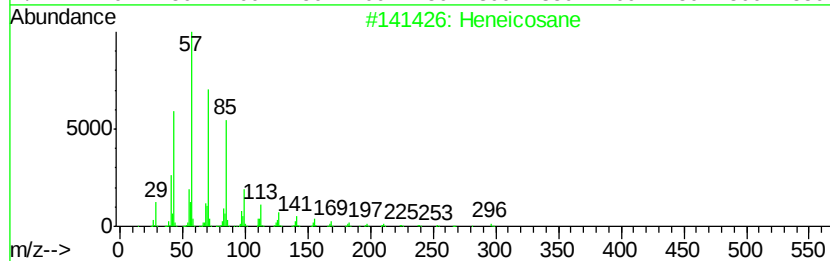
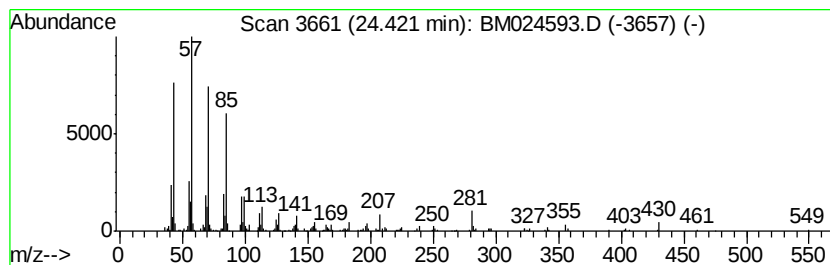
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.42	2.97 ng/ul	516823	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	94
2		Eicosane	282	C20H42	000112-95-8	93
3		Eicosane	282	C20H42	000112-95-8	89
4		Tetracosane	338	C24H50	000646-31-1	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM012220\
Data File : BM024593.D
Acq On : 22 Jan 2020 21:56
Operator : JU
Sample : L1118-20
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASN5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.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	17.79	3.1	ng/ul	575011	4	16.85	3716480	20.0
Behenic alcohol	20.82	6.4	ng/ul	1310020	5	21.06	4116660	20.0
(DEL) Alkane: Str...	22.12	2.5	ng/ul	444793	6	23.17	3482930	20.0
(DEL) Alkane: Str...	22.60	3.1	ng/ul	549226	6	23.17	3482930	20.0
(DEL) Alkane: Str...	23.73	3.6	ng/ul	623754	6	23.17	3482930	20.0
1-Heptacosanol	23.80	2.0	ng/ul	354688	6	23.17	3482930	20.0
(DEL) Alkane: Str...	24.42	3.0	ng/ul	516823	6	23.17	3482930	20.0