

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
 Data File : BM024592.D
 Acq On : 22 Jan 2020 21:20
 Operator : JU
 Sample : L1118-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GASN4

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	55874	82330	0.94%	0.089%
2	3.328	73	75	77	rBV	11608	12972	0.15%	0.014%
3	3.675	130	134	138	rVB5	10671	15894	0.18%	0.017%
4	3.757	145	148	154	rVB6	11681	16140	0.18%	0.017%
5	4.634	294	297	308	rVB4	11228	19177	0.22%	0.021%
6	6.645	631	639	652	rBV2	1176858	2113418	24.07%	2.289%
7	6.798	659	665	676	rBV	848561	1308662	14.90%	1.417%
8	6.992	690	698	708	rBV	1272127	1972478	22.46%	2.136%
9	7.451	769	776	784	rBV	951440	1444038	16.44%	1.564%
10	7.540	788	791	796	rVB5	5206	9071	0.10%	0.010%
11	8.163	889	897	911	rBV	1510230	2330373	26.54%	2.524%
12	8.587	962	969	981	rBV	1257249	2011321	22.90%	2.178%
13	9.086	1051	1054	1060	rVB2	14078	18576	0.21%	0.020%
14	9.304	1084	1091	1100	rBV	1155722	1840825	20.96%	1.994%
15	9.839	1175	1182	1196	rBV	1740162	2814467	32.05%	3.048%
16	10.210	1238	1245	1254	rBV	1358704	2177160	24.79%	2.358%
17	10.345	1261	1268	1282	rBV	1501405	2526609	28.77%	2.736%
18	11.810	1511	1517	1523	rVB2	29641	47413	0.54%	0.051%
19	13.521	1801	1808	1813	rBV	3344103	4453104	50.71%	4.822%
20	13.569	1813	1816	1822	rVB	545202	690623	7.86%	0.748%
21	13.786	1845	1853	1861	rBV	3714911	5354003	60.97%	5.798%
22	14.098	1900	1906	1914	rVB	2281097	3229335	36.77%	3.497%
23	14.310	1936	1942	1956	rBV	1306609	2052078	23.37%	2.222%
24	14.533	1977	1980	1989	rVB5	26406	46116	0.53%	0.050%
25	14.951	2044	2051	2055	rBV3	11963	17272	0.20%	0.019%
26	15.010	2055	2061	2064	rVB4	7300	10405	0.12%	0.011%
27	15.098	2069	2076	2088	rBV	4739269	6694921	76.24%	7.250%
28	15.221	2091	2097	2106	rBV	1413057	1923425	21.90%	2.083%
29	15.339	2112	2117	2124	rVB	58419	81073	0.92%	0.088%
30	15.810	2195	2197	2201	rBV3	7524	9714	0.11%	0.011%
31	15.886	2204	2210	2217	rVV4	19593	31145	0.35%	0.034%
32	16.298	2274	2280	2285	rBV5	16948	33307	0.38%	0.036%
33	16.533	2313	2320	2327	rBV7	10314	20893	0.24%	0.023%
34	16.633	2331	2337	2340	rVV2	11999	19707	0.22%	0.021%

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35	16.668	2340	2343	2347	rVB4	10316	13757	0.16%	0.015%
36	16.851	2366	2374	2384	rVV	2945850	4094836	46.63%	4.434%
37	16.945	2384	2390	2403	rVV	5084147	7318394	83.34%	7.925%
38	17.062	2408	2410	2415	rVB5	22981	26810	0.31%	0.029%
39	17.215	2433	2436	2439	rBV5	7098	8812	0.10%	0.010%
40	17.404	2464	2468	2472	rBV4	10117	12046	0.14%	0.013%
41	17.545	2490	2492	2498	rVB7	6795	9432	0.11%	0.010%
42	17.657	2506	2511	2517	rBV6	15799	30969	0.35%	0.034%
43	17.792	2528	2534	2543	rBV	930513	1254896	14.29%	1.359%
44	18.462	2645	2648	2653	rBV7	13019	19378	0.22%	0.021%
45	18.604	2668	2672	2678	rVB9	10277	15793	0.18%	0.017%
46	18.656	2678	2681	2686	rBV7	14115	18858	0.21%	0.020%
47	18.886	2714	2720	2725	rBV	75242	112272	1.28%	0.122%
48	18.933	2725	2728	2730	rVV4	18309	26860	0.31%	0.029%
49	18.956	2730	2732	2739	rVB8	25737	35815	0.41%	0.039%
50	19.021	2741	2743	2748	rVB6	11339	14961	0.17%	0.016%
51	19.080	2749	2753	2759	rBV	239064	345685	3.94%	0.374%
52	19.133	2759	2762	2767	rVB	59066	88658	1.01%	0.096%
53	19.256	2776	2783	2790	rBV	6375713	8781854	100.00%	9.510%
54	19.821	2875	2879	2884	rBV5	42473	64082	0.73%	0.069%
55	20.227	2945	2948	2951	rBV4	17734	18740	0.21%	0.020%
56	20.333	2964	2966	2968	rBV3	16977	19875	0.23%	0.022%
57	20.362	2968	2971	2973	rVB2	36401	38234	0.44%	0.041%
58	20.815	3043	3048	3061	rBV	1668416	2284706	26.02%	2.474%
59	21.056	3084	3089	3098	rBV	3605854	4540931	51.71%	4.918%
60	21.262	3120	3124	3128	rBV	384871	417721	4.76%	0.452%
61	21.686	3192	3196	3206	rBV	619596	796406	9.07%	0.862%
62	22.121	3266	3270	3275	rBV	727015	905638	10.31%	0.981%
63	22.239	3287	3290	3296	rVB	207108	265076	3.02%	0.287%
64	22.603	3347	3352	3362	rVB	760481	1111032	12.65%	1.203%
65	23.044	3420	3427	3436	rVB	4151515	7014388	79.87%	7.596%
66	23.133	3437	3442	3444	rVV	725208	1093481	12.45%	1.184%
67	23.174	3444	3449	3456	rVB2	2130401	3774317	42.98%	4.087%
68	23.733	3539	3544	3550	rVB	551330	940372	10.71%	1.018%
69	23.803	3551	3556	3566	rVB2	384080	751834	8.56%	0.814%
70	24.421	3657	3661	3669	rVB2	331304	645982	7.36%	0.700%

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Title : SVOA CALIBRATION

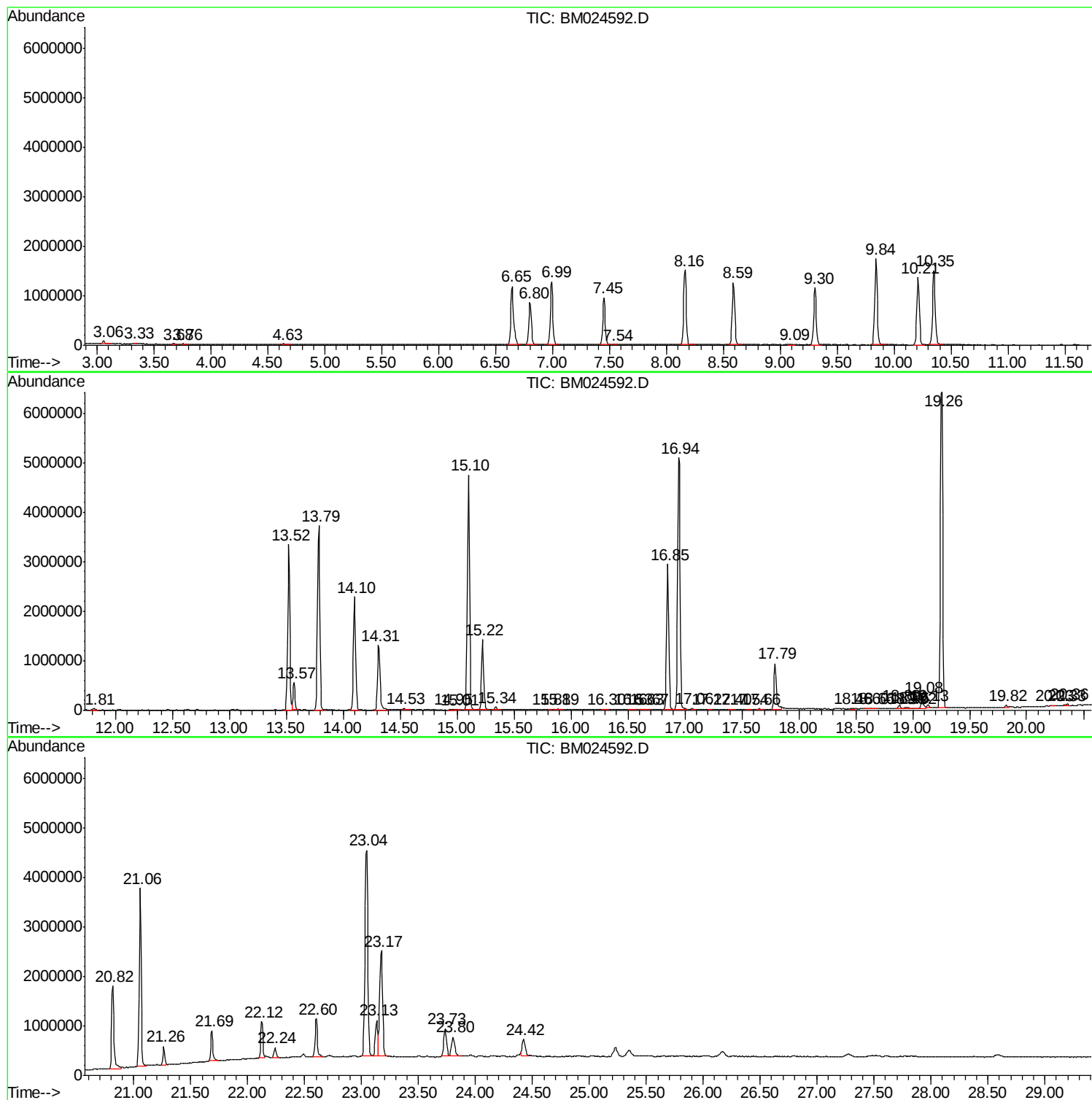
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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



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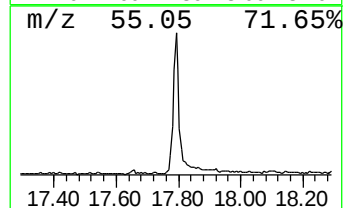
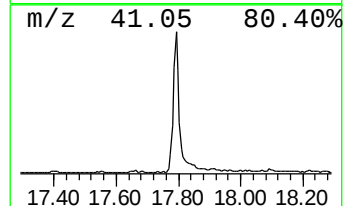
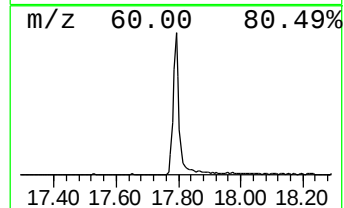
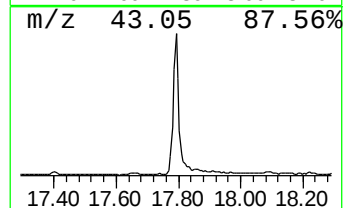
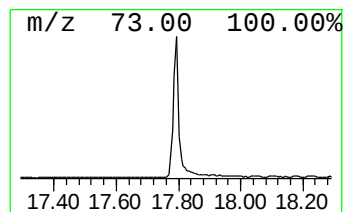
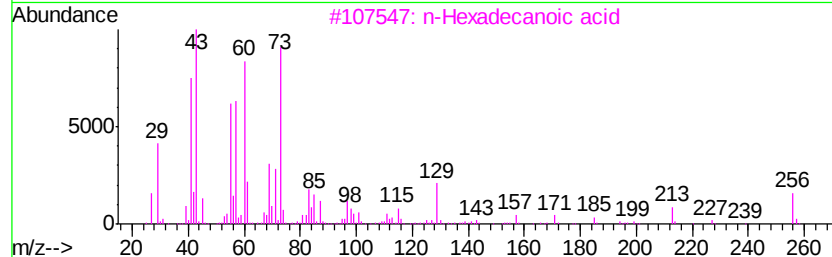
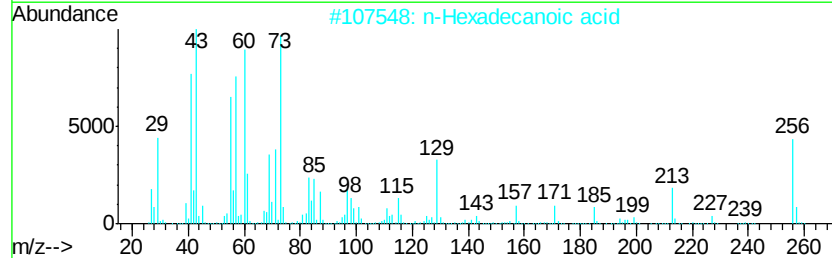
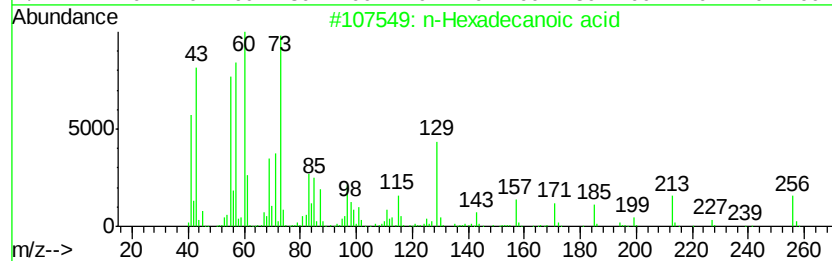
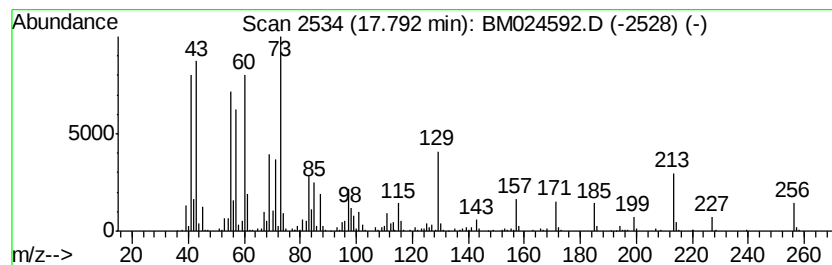
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	6.13 ng/ul	1254900	Phenanthrene-d10	16.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
4		Tridecanoic acid	214	C13H26O2	000638-53-9	91
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	91



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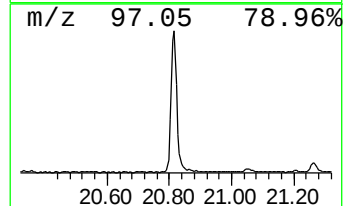
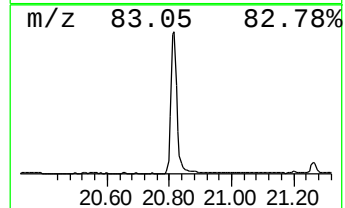
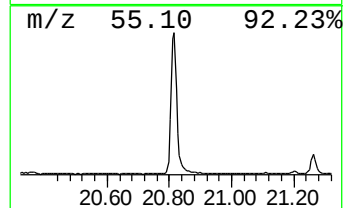
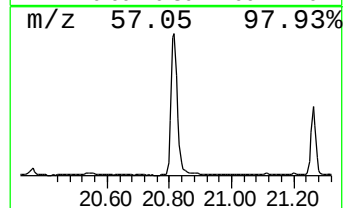
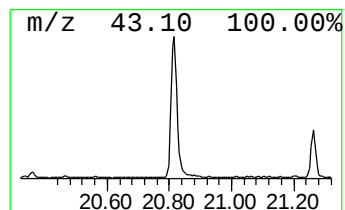
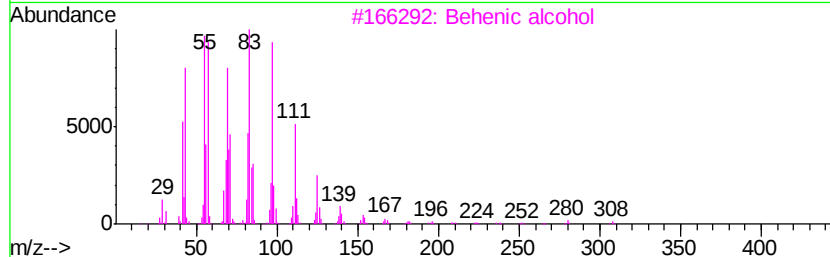
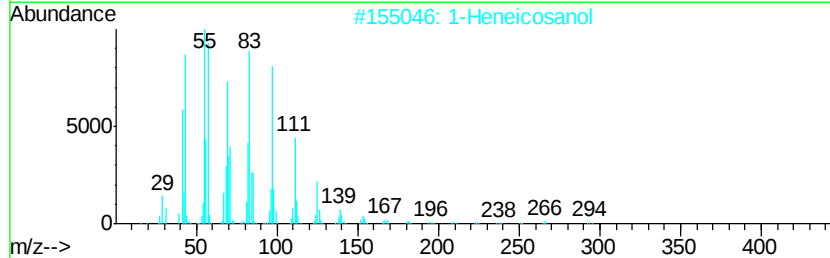
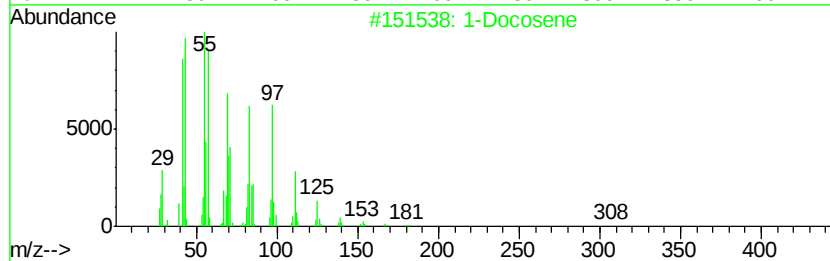
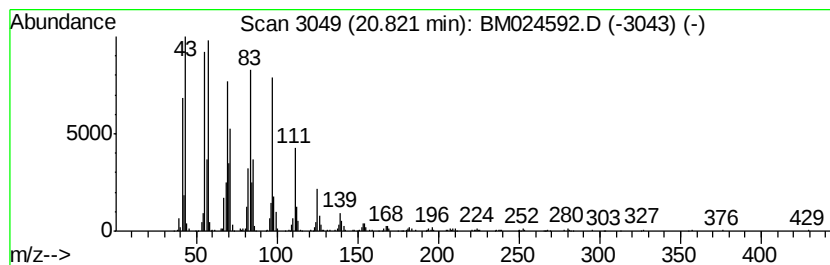
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic20.82 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	10.06 ng/ul	2284710	Chrysene-d12	21.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	99
2		1-Heneicosanol	312	C21H44O	015594-90-8	95
3		Behenic alcohol	326	C22H46O	000661-19-8	94
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	94



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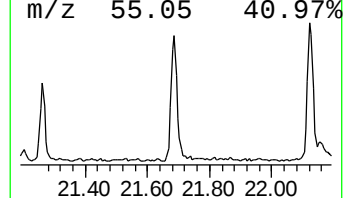
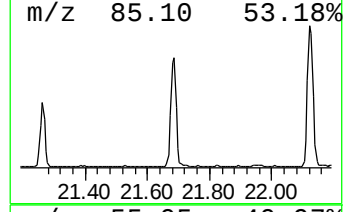
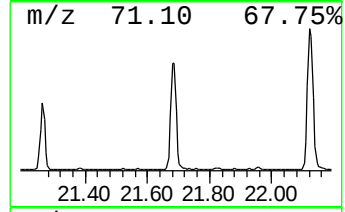
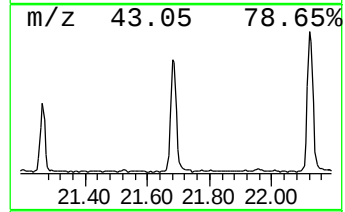
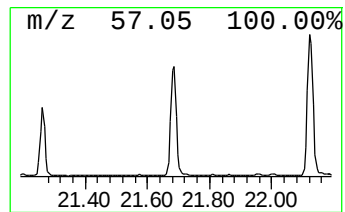
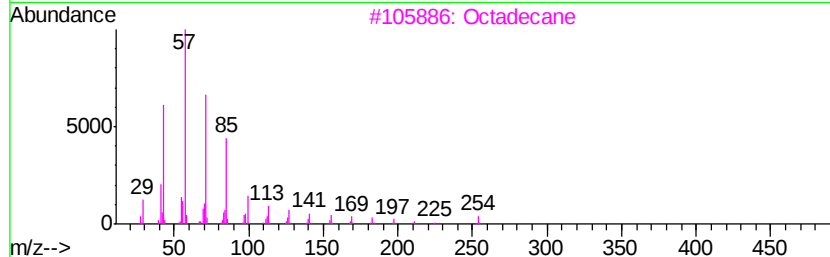
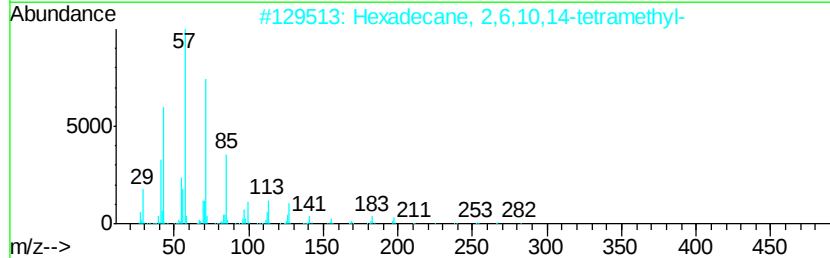
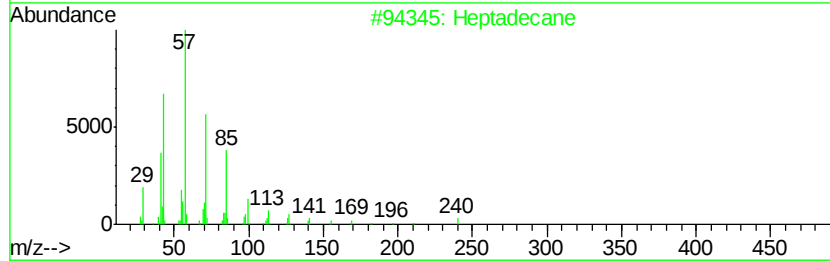
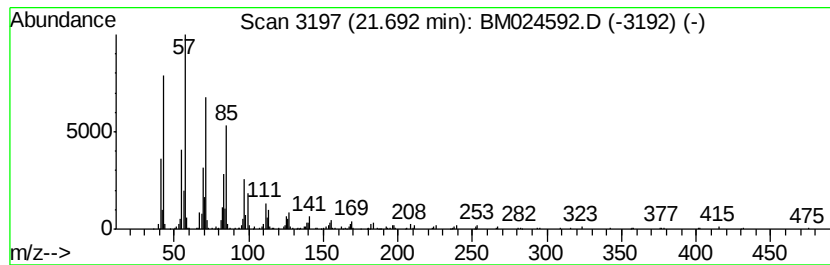
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	3.51 ng/ul	796406	Chrysene-d12	21.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	96
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	95
3			Octadecane	254	C18H38	000593-45-3	93
4			E-15-Heptadecenal	252	C17H32O	1000130-97-9	92
5			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91



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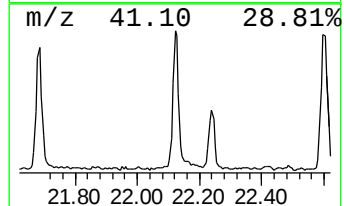
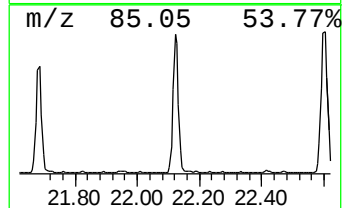
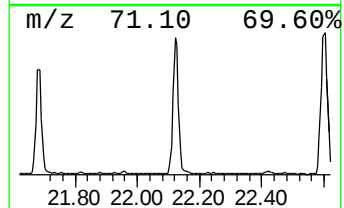
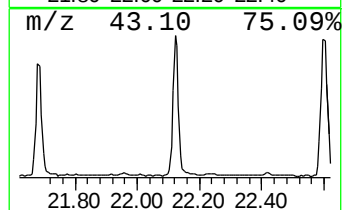
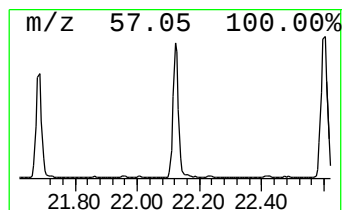
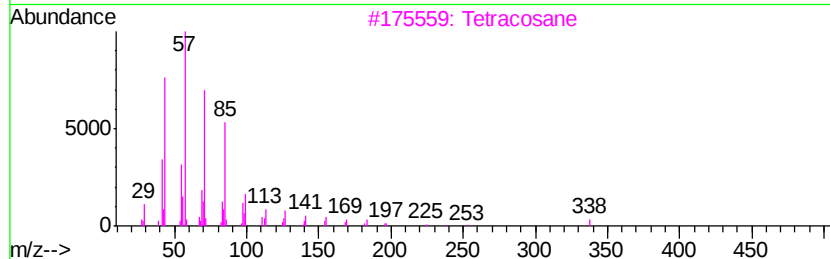
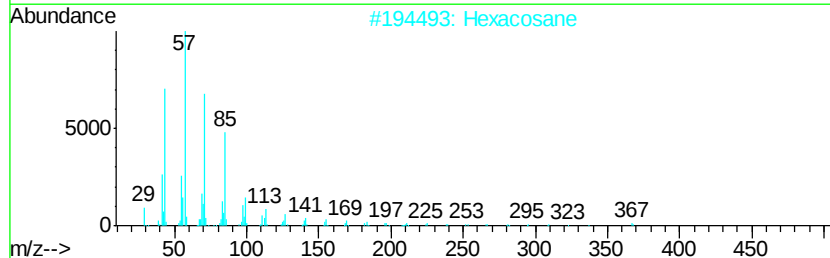
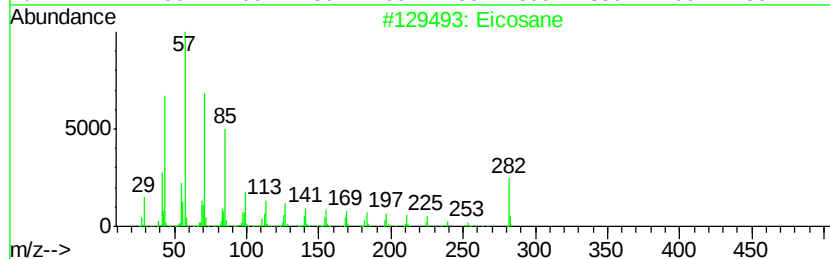
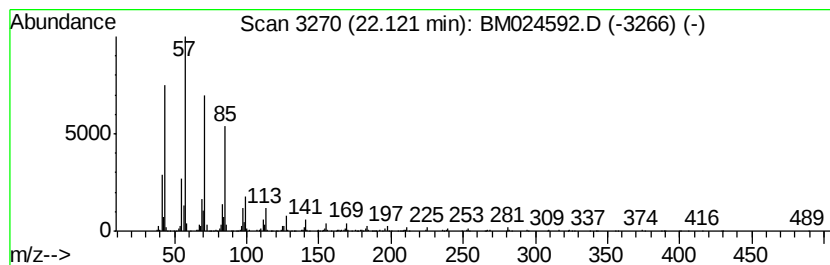
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.12	4.80 ng/ul	905638	Perylene-d12	23.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	94
2	Hexacosane		366	C26H54	000630-01-3	94
3	Tetracosane		338	C24H50	000646-31-1	91
4	triacontane		422	C30H62	000638-68-6	90
5	Heneicosane		296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024592.D
Acq On : 22 Jan 2020 21:20
Operator : JU
Sample : L1118-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASN4

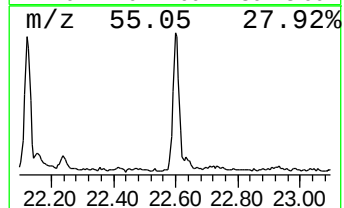
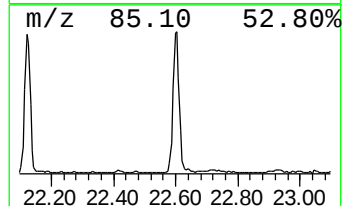
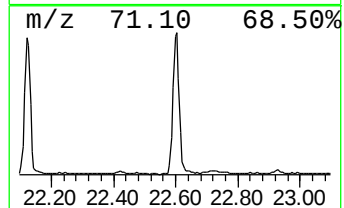
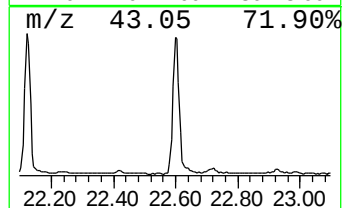
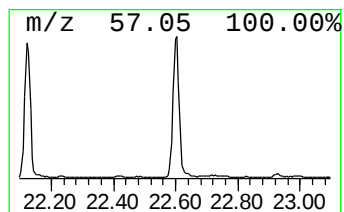
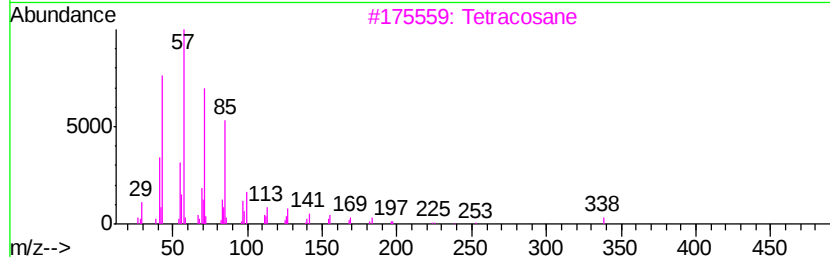
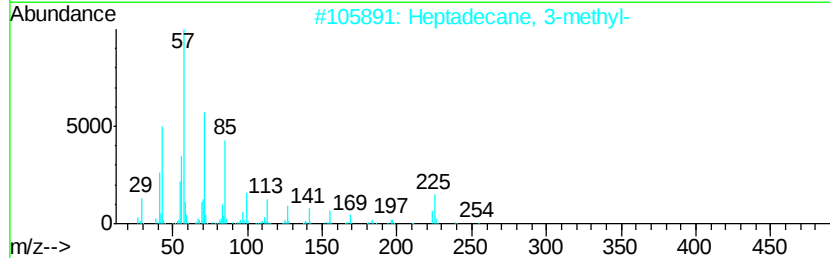
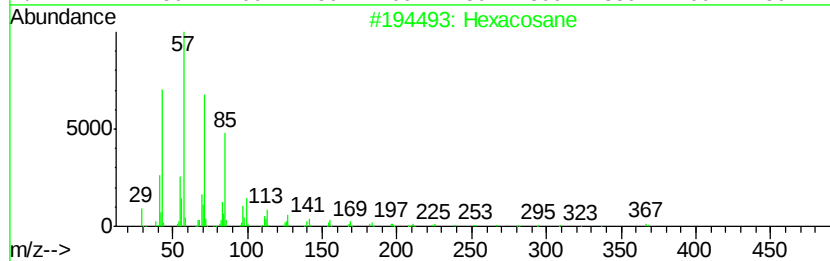
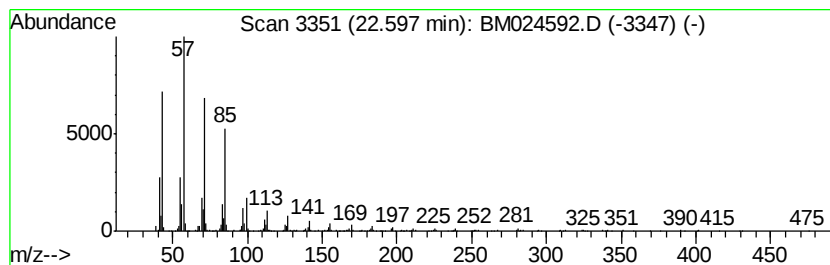
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.60	5.89 ng/ul	1111030	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Heptadecane, 3-methyl-	254	C18H38	006418-44-6	93
3		Tetracosane	338	C24H50	000646-31-1	91
4		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
5		triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024592.D
Acq On : 22 Jan 2020 21:20
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Sample : L1118-19
Misc :
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Instrument :
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ClientSampleId :
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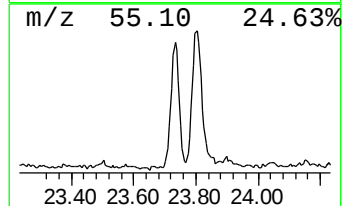
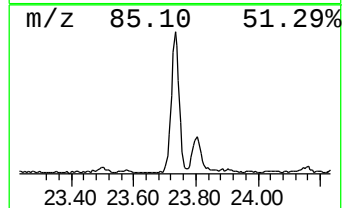
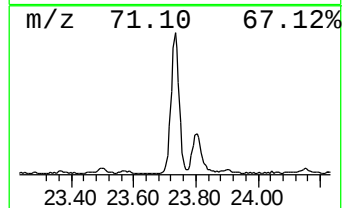
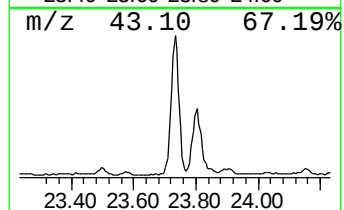
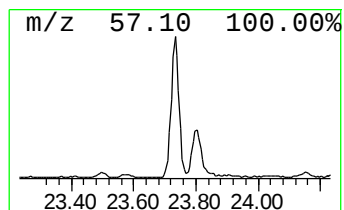
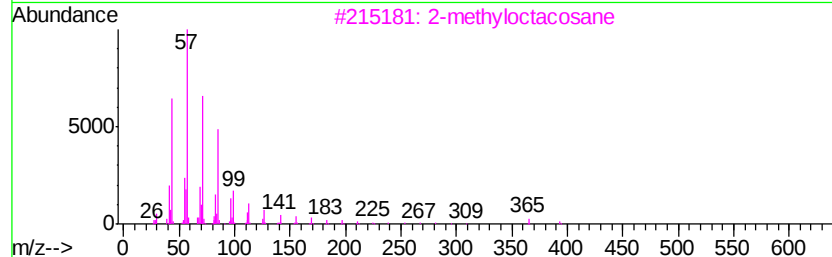
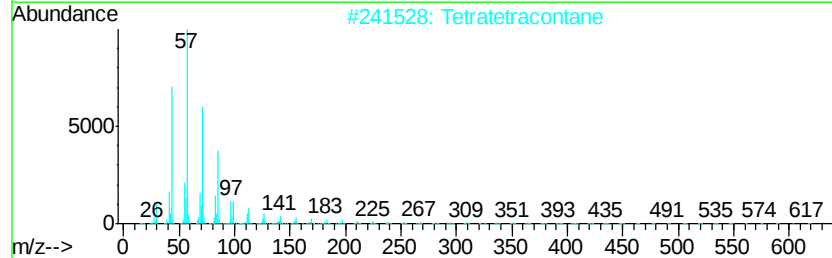
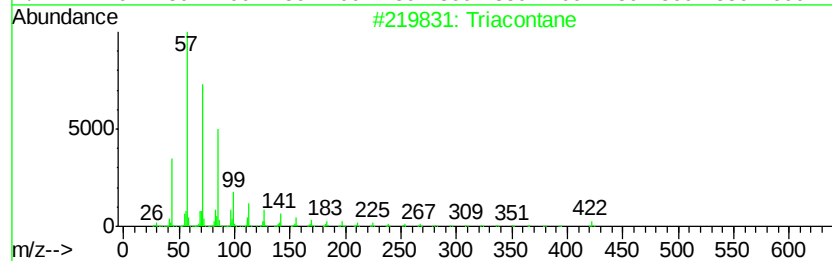
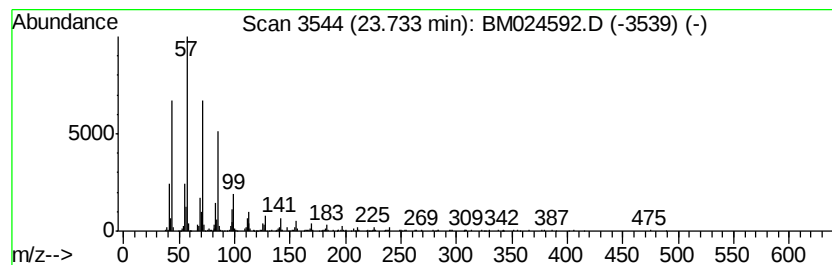
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	4.98 ng/ul	940372	Perylene-d12	23.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	91
2			Tetratetracontane	619	C44H90	007098-22-8	91
3			2-methyloctacosane	408	C29H60	1000376-72-8	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Pentacosane	352	C25H52	000629-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024592.D
Acq On : 22 Jan 2020 21:20
Operator : JU
Sample : L1118-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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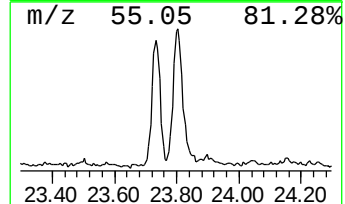
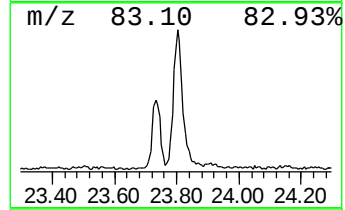
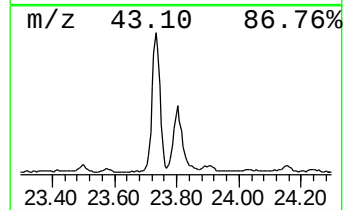
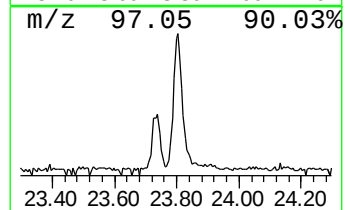
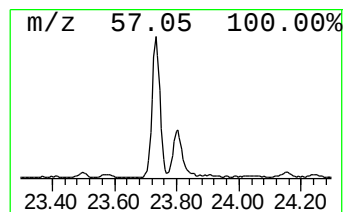
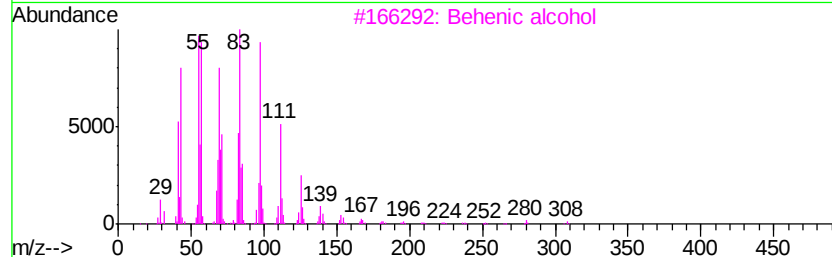
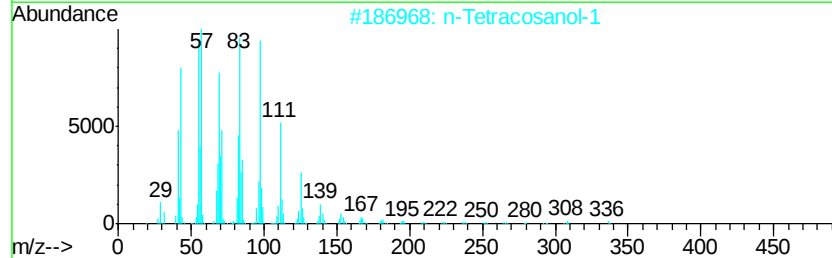
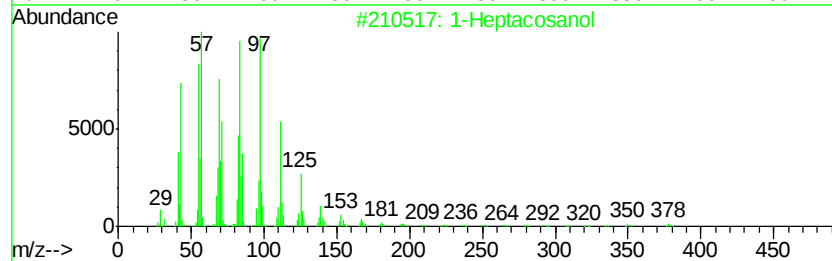
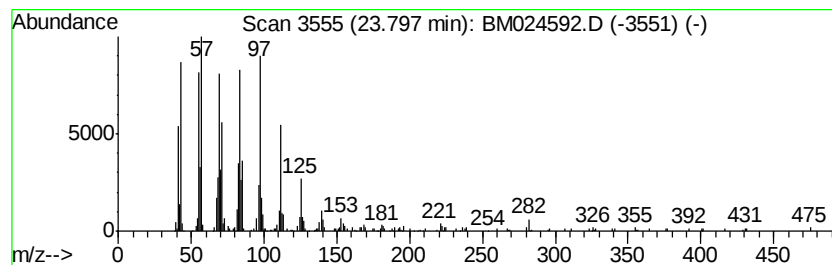
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1-Heptacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	3.98 ng/ul	751834	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heptacosanol	396	C27H56O	002004-39-9	95
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3		Behenic alcohol	326	C22H46O	000661-19-8	93
4		Triacontyl acetate	480	C32H64O2	041755-58-2	93
5		Heptacosyl acetate	438	C29H58O2	1000351-78-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012220\
Data File : BM024592.D
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Operator : JU
Sample : L1118-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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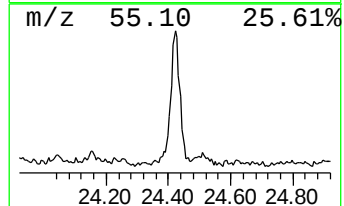
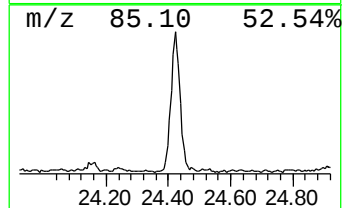
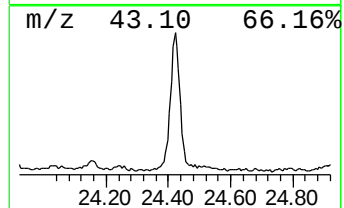
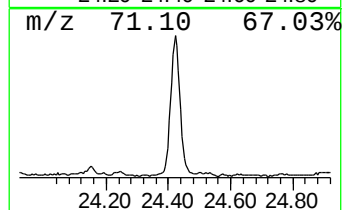
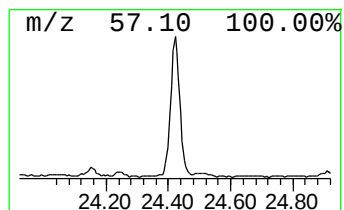
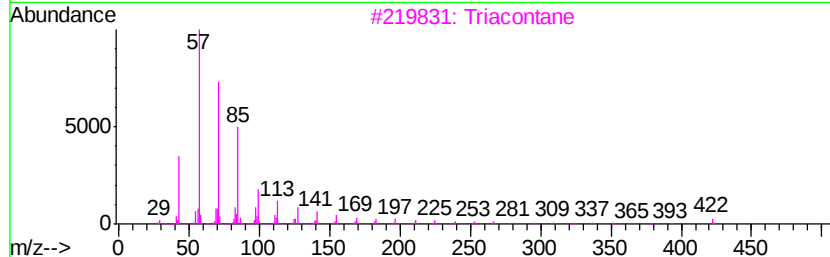
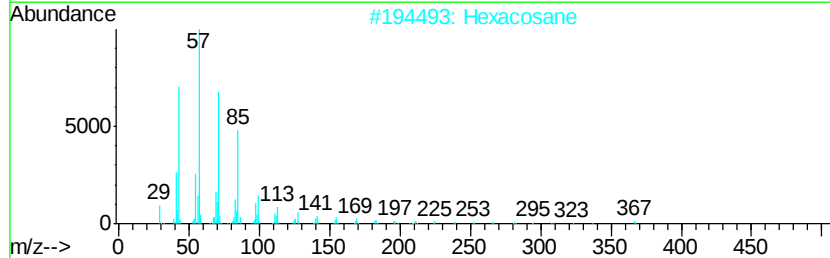
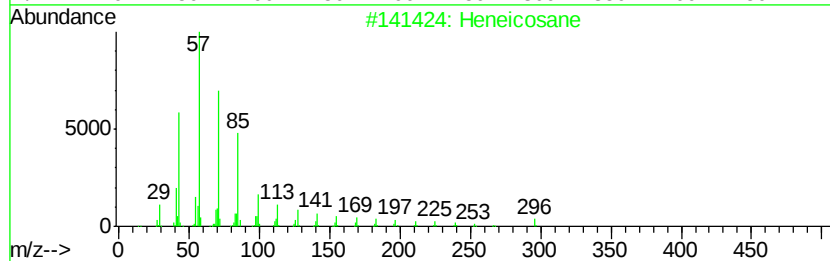
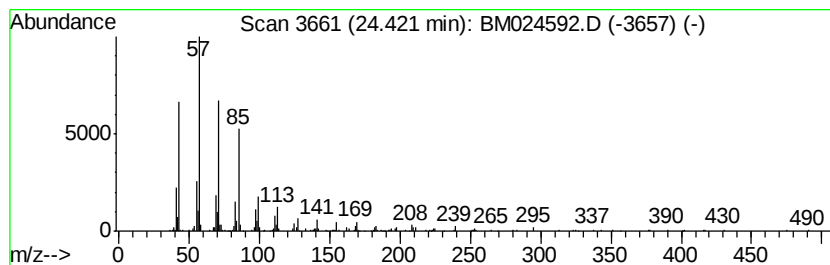
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.42	3.42 ng/ul	645982	Perylene-d12	23.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Hexacosane	366	C26H54	000630-01-3	90
3			triacontane	422	C30H62	000638-68-6	90
4			Tetratetracontane	619	C44H90	007098-22-8	90
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM012220\
Data File : BM024592.D
Acq On : 22 Jan 2020 21:20
Operator : JU
Sample : L1118-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASN4

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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					#	RT	Resp	Conc
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(DEL) Alkane: Cyc...	20.82	10.1	ng/ul	2284710	5	21.06	4540930	20.0
(DEL) Alkane: Str...	21.69	3.5	ng/ul	796406	5	21.06	4540930	20.0
(DEL) Alkane: Str...	22.12	4.8	ng/ul	905638	6	23.17	3774320	20.0
(DEL) Alkane: Str...	22.60	5.9	ng/ul	1111030	6	23.17	3774320	20.0
(DEL) Alkane: Str...	23.73	5.0	ng/ul	940372	6	23.17	3774320	20.0
1-Heptacosanol	23.80	4.0	ng/ul	751834	6	23.17	3774320	20.0
(DEL) Alkane: Str...	24.42	3.4	ng/ul	645982	6	23.17	3774320	20.0