

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111618\
 Data File : BN003560.D
 Acq On : 16 Nov 2018 12:31
 Operator : MJ/SJ
 Sample : J5928-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A40Z4

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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-BN111418MA.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	3.029	3	7	18	rVB	100487	144687	8.01%	0.792%
2	7.017	675	685	693	rBV2	74380	170638	9.45%	0.934%
3	7.175	705	712	722	rBV	156375	240255	13.31%	1.315%
4	7.369	739	745	753	rVB	163665	254064	14.07%	1.390%
5	7.840	819	825	832	rBV	294022	452193	25.05%	2.475%
6	8.534	936	943	951	rVB	124287	187202	10.37%	1.024%
7	9.005	1017	1023	1033	rBV	172159	270265	14.97%	1.479%
8	9.722	1139	1145	1152	rVB	141876	214531	11.88%	1.174%
9	10.252	1228	1235	1246	rBV	233944	363615	20.14%	1.990%
10	10.640	1294	1301	1310	rVB	421512	699507	38.75%	3.828%
11	13.881	1846	1852	1857	rBV	450433	615215	34.08%	3.367%
12	13.928	1857	1860	1867	rVB	122697	151061	8.37%	0.827%
13	14.169	1895	1901	1913	rBV	529294	784571	43.46%	4.293%
14	14.475	1947	1953	1963	rBV2	673286	1022529	56.64%	5.596%
15	14.669	1980	1986	1992	rBV	24592	35923	1.99%	0.197%
16	15.469	2116	2122	2130	rBV	801097	1062079	58.83%	5.812%
17	15.587	2137	2142	2149	rVB	172807	220022	12.19%	1.204%
18	17.222	2414	2420	2426	rBV	908319	1266105	70.13%	6.928%
19	17.322	2430	2437	2443	rBV	841493	1173388	65.00%	6.421%
20	17.963	2542	2546	2555	rBV2	16706	25327	1.40%	0.139%
21	18.092	2562	2568	2589	rBV	164965	262485	14.54%	1.436%
22	19.245	2757	2764	2771	rBV2	20420	35040	1.94%	0.192%
23	19.369	2781	2785	2795	rBV	50210	74345	4.12%	0.407%
24	19.610	2820	2826	2841	rBV	1069570	1480149	81.99%	8.100%
25	19.722	2841	2845	2849	rVB	25802	29004	1.61%	0.159%
26	20.275	2935	2939	2943	rVB	24940	26402	1.46%	0.144%
27	20.786	3023	3026	3032	rVB	27177	30706	1.70%	0.168%
28	21.092	3074	3078	3089	rBV	125035	217815	12.07%	1.192%
29	21.175	3089	3092	3097	rVB	25553	30422	1.69%	0.166%
30	21.404	3126	3131	3138	rBV	1354132	1598087	88.52%	8.745%
31	21.533	3149	3153	3157	rBV	34883	38449	2.13%	0.210%
32	21.975	3224	3228	3232	rBV	68417	82218	4.55%	0.450%
33	22.451	3305	3309	3320	rVB	126868	160260	8.88%	0.877%
34	22.586	3327	3332	3338	rVB	559638	724851	40.15%	3.967%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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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35	22.975	3393	3398	3406	rVB	147307	212554	11.77%	1.163%
36	23.569	3492	3499	3513	rVB	900991	1805285	100.00%	9.879%
37	23.722	3517	3525	3533	rBV2	825811	1585717	87.84%	8.677%
38	24.233	3606	3612	3619	rVB	113547	210537	11.66%	1.152%
39	25.004	3737	3743	3754	rBV	79937	187305	10.38%	1.025%
40	25.910	3891	3897	3906	rVB2	34806	88634	4.91%	0.485%
41	26.980	4074	4079	4085	rVB3	18006	40574	2.25%	0.222%

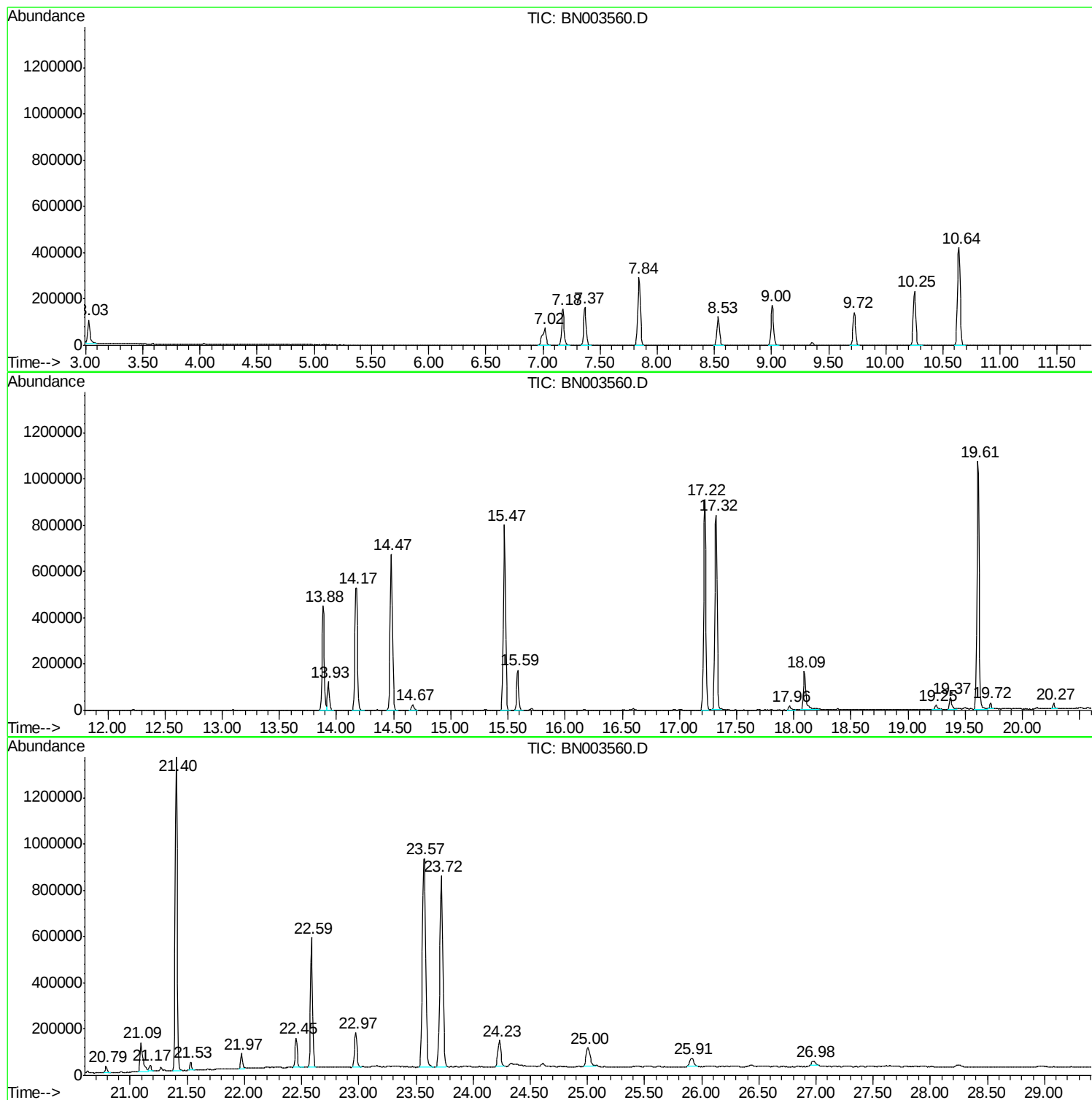
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
Quant Title : SVOA CALIBRATION

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



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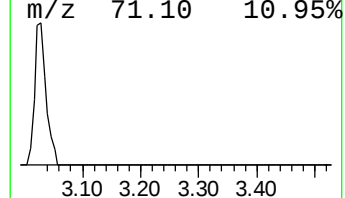
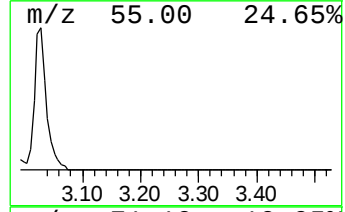
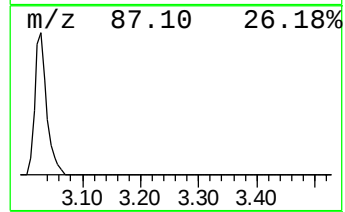
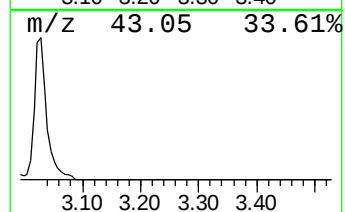
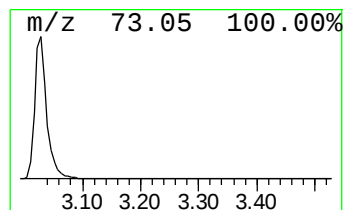
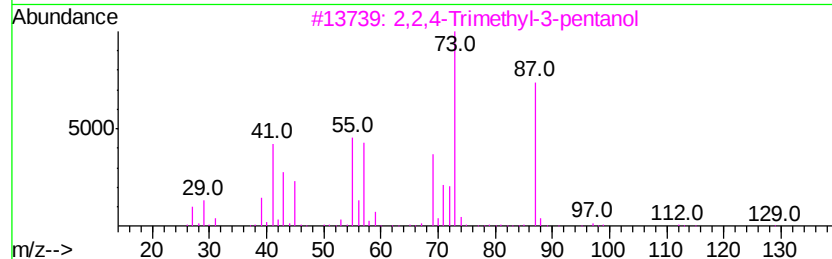
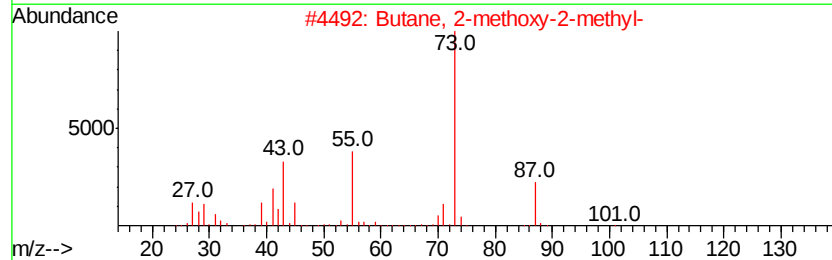
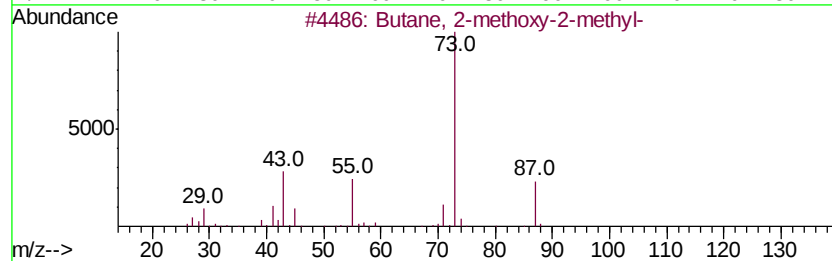
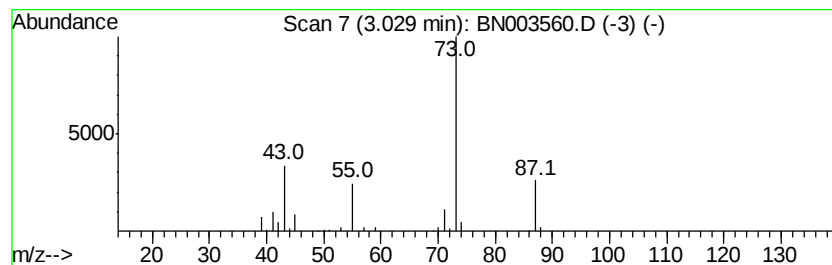
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	6.40 ng/ul	144687	1,4-Dichlorobenzene-d4	7.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Butane, 2-methoxy-2-methyl-	102 C6H14O	000994-05-8 90
2		Butane, 2-methoxy-2-methyl-	102 C6H14O	000994-05-8 78
3		2,2,4-Trimethyl-3-pentanol	130 C8H18O	005162-48-1 40
4		Silane, ethyltrimethyl-	102 C5H14Si	003439-38-1 36
5		Pentane, 3-methoxy-	102 C6H14O	036839-67-5 17



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Instrument :
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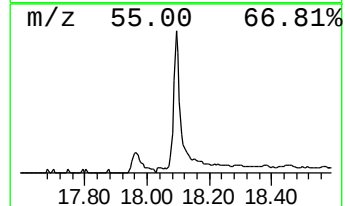
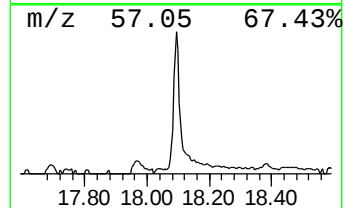
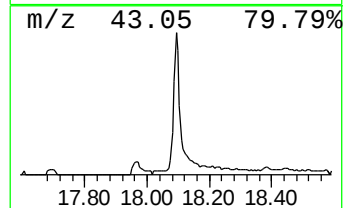
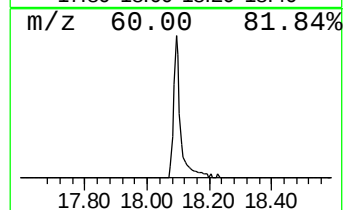
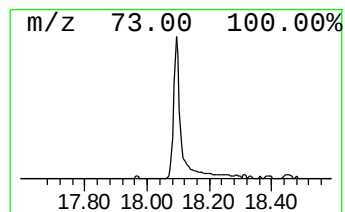
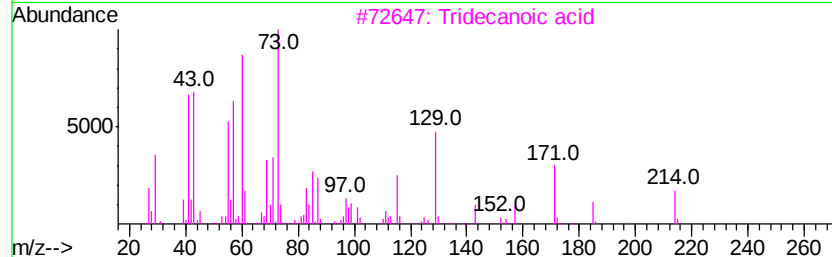
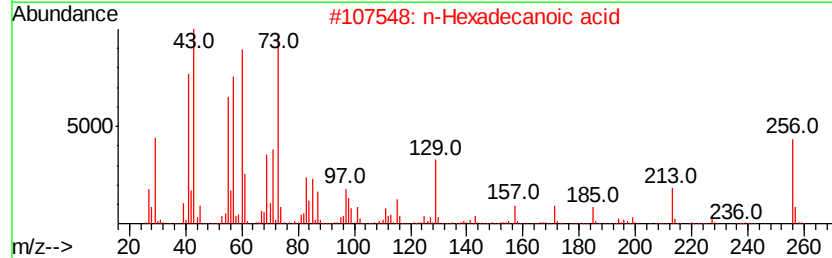
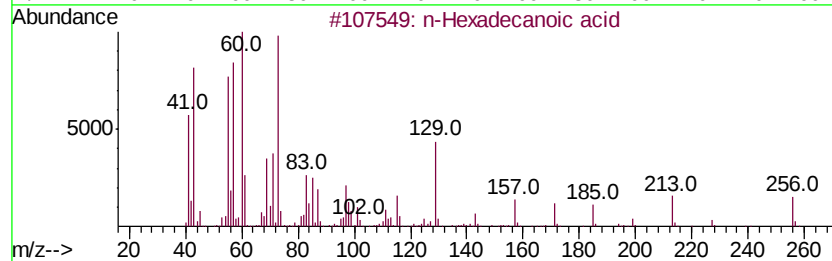
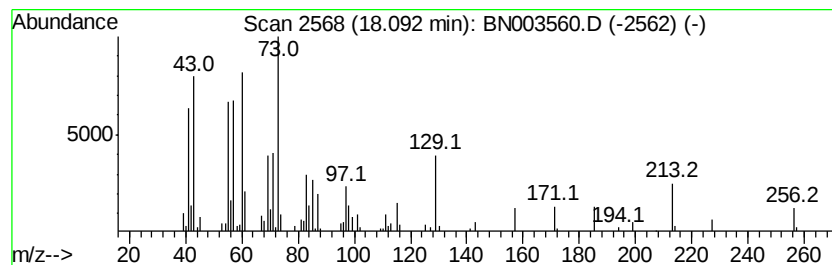
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	4.15 ng/ul	262485	Phenanthrene-d10	17.22

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	99
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		Tridecanoic acid	214	C13H26O2	000638-53-9	87



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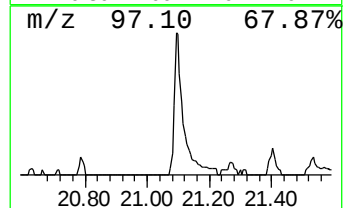
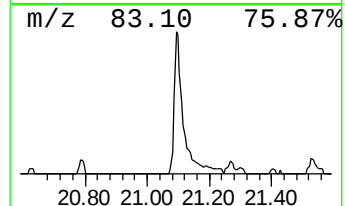
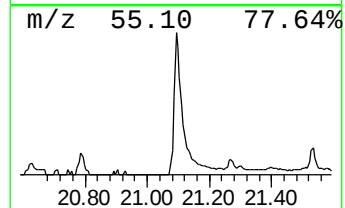
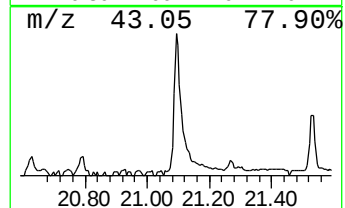
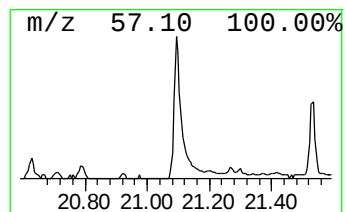
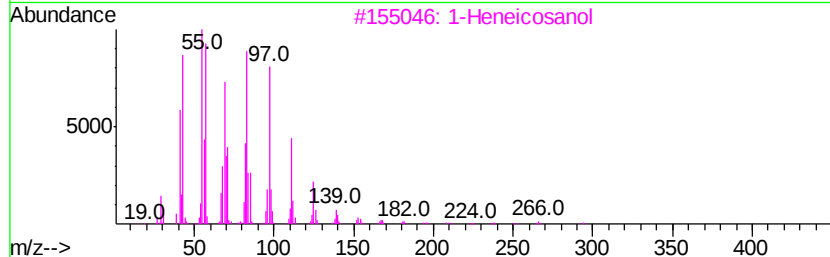
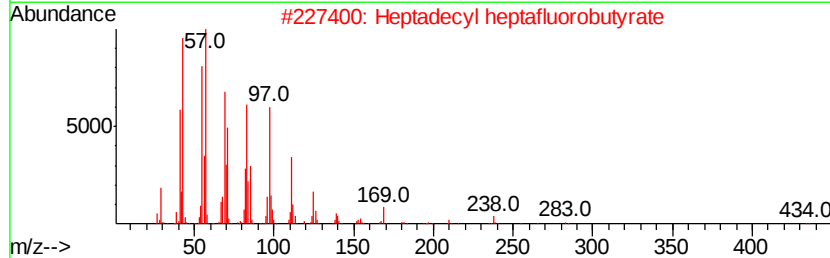
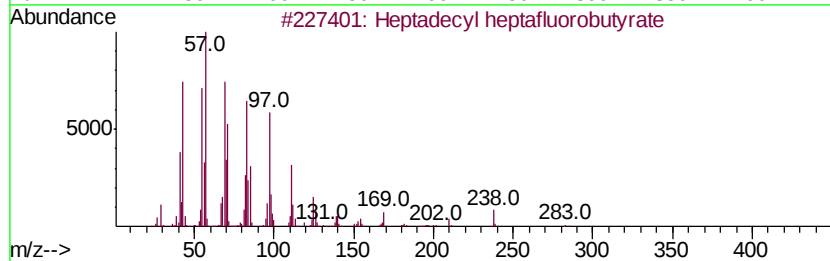
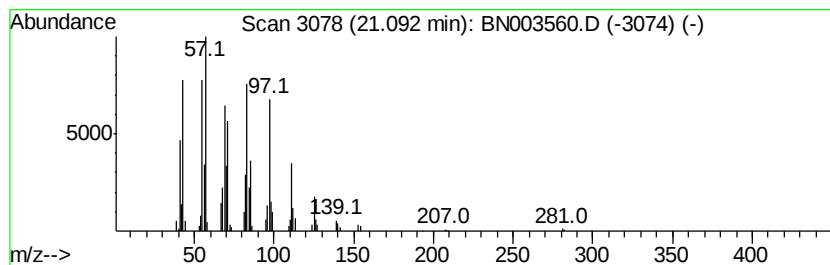
Instrument :
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.09	2.73 ng/ul	217815	Chrysene-d12	21.40		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3		1-Heneicosanol	312	C21H44O	015594-90-8	93
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
5		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91



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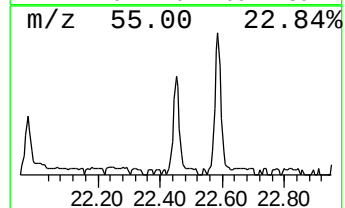
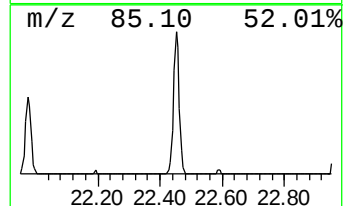
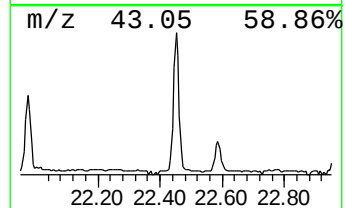
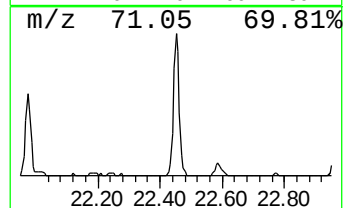
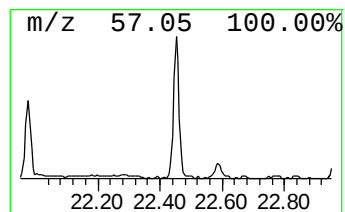
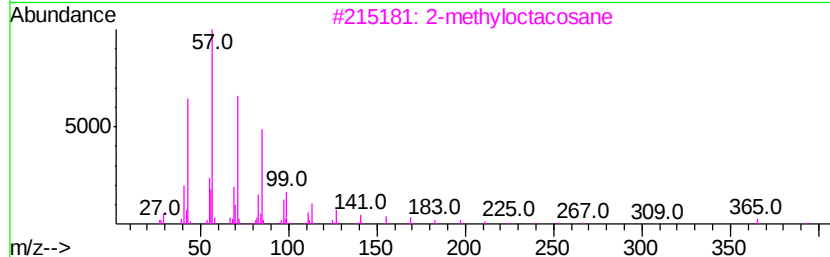
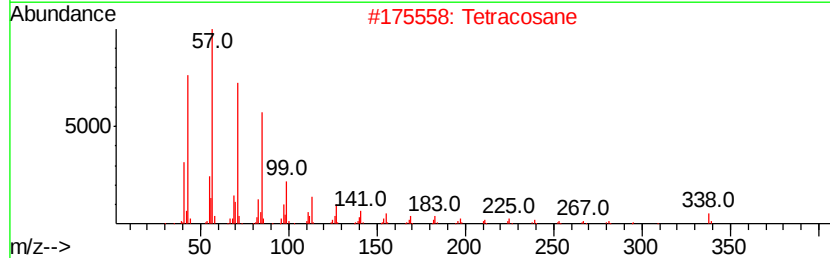
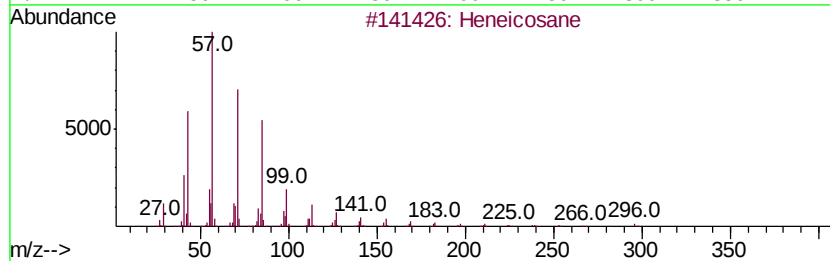
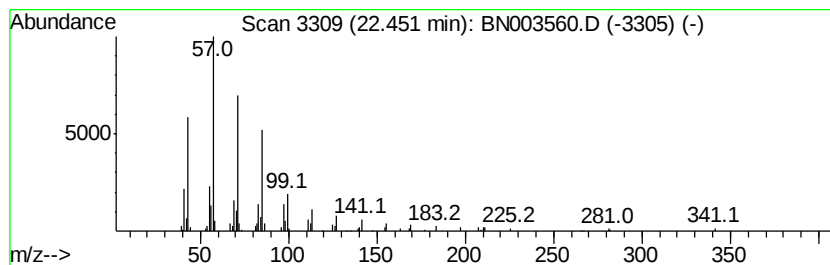
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	2.01 ng/ul	160260	Chrysene-d12	21.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heneicosane	296 C21H44	000629-94-7 91
2		Tetracosane	338 C24H50	000646-31-1 91
3		2-methyloctacosane	408 C29H60	1000376-72-8 91
4		triacontane	422 C30H62	000638-68-6 91
5		Docosane, 11-butyl-	366 C26H54	013475-76-8 91



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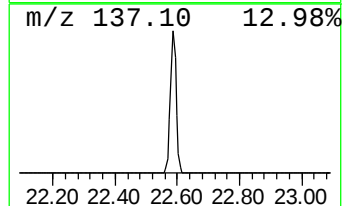
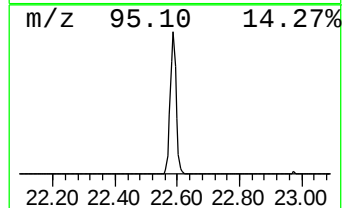
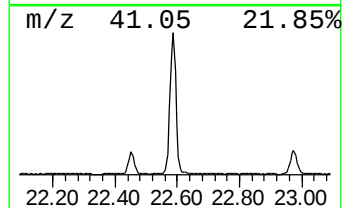
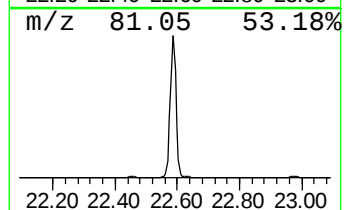
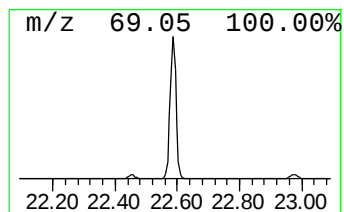
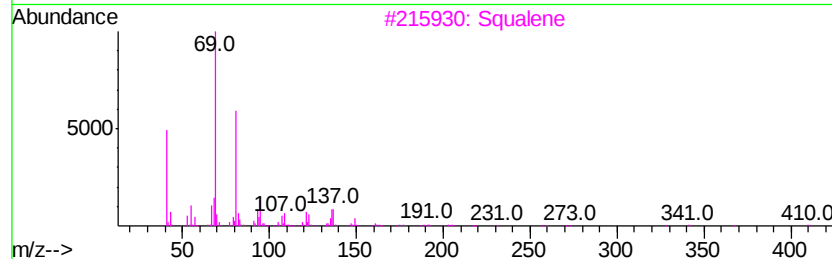
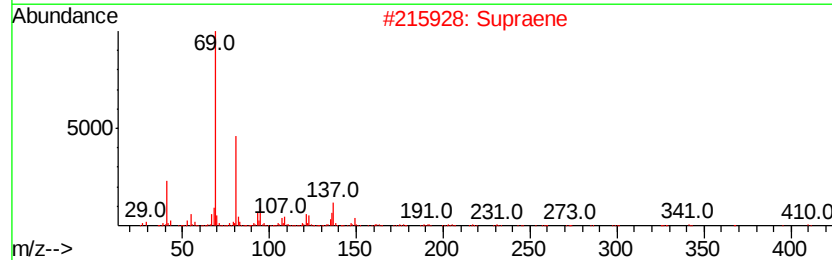
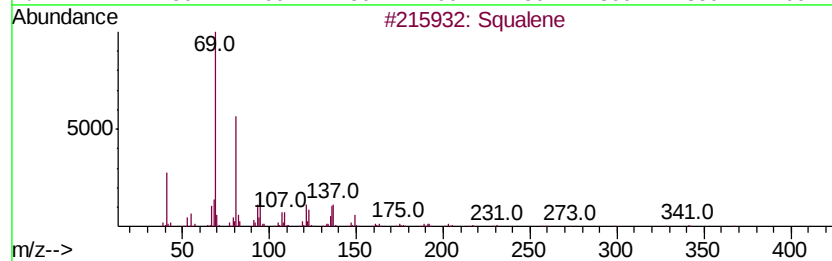
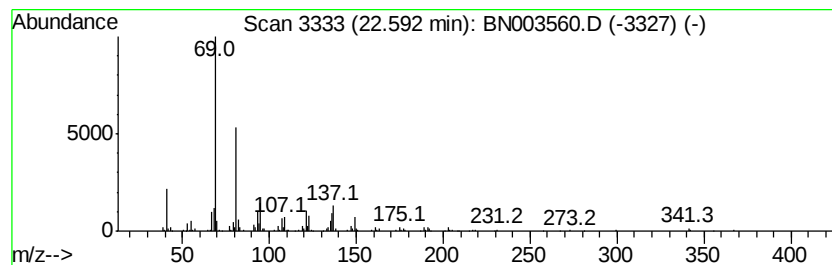
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.59	9.14 ng/ul	724851	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	94
2		Supraene	410	C30H50	007683-64-9	91
3		Squalene	410	C30H50	000111-02-4	91
4		Squalene	410	C30H50	000111-02-4	91
5		Squalene	410	C30H50	000111-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111618\
Data File : BN003560.D
Acq On : 16 Nov 2018 12:31
Operator : MJ/SJ
Sample : J5928-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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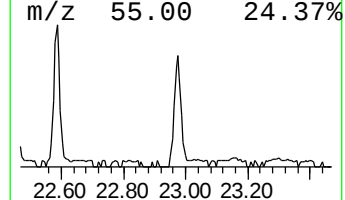
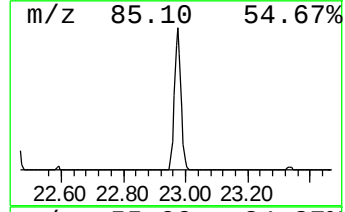
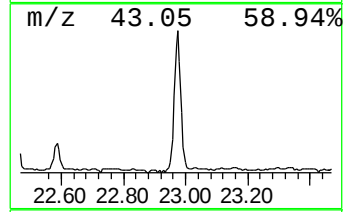
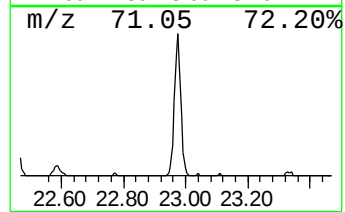
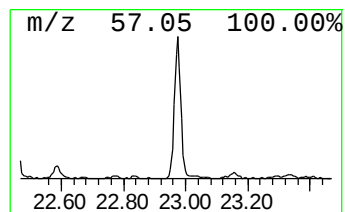
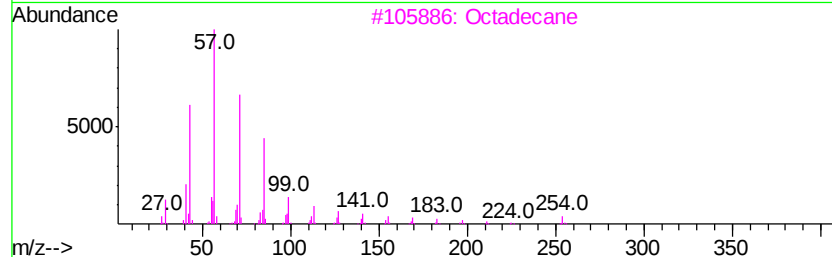
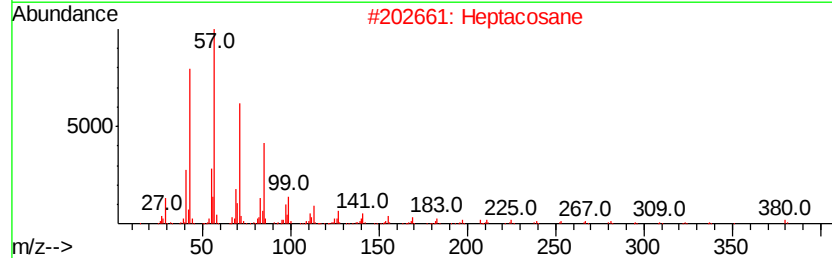
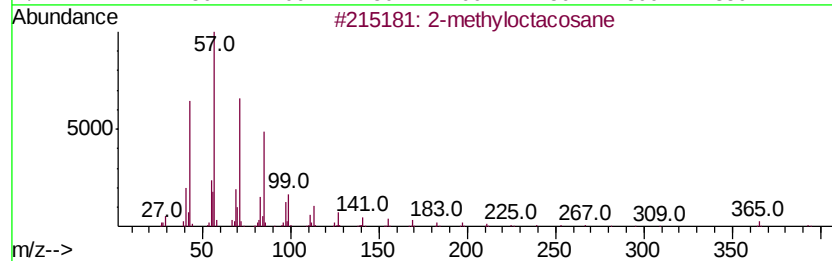
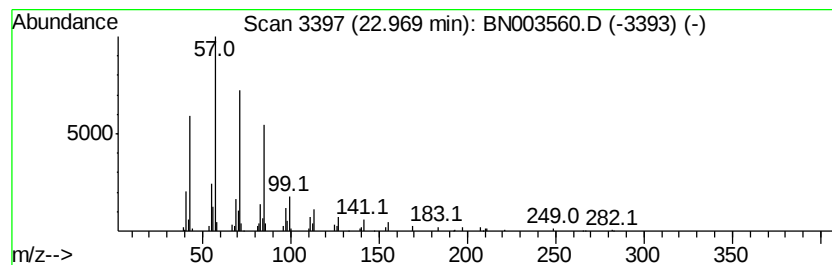
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	2.68 ng/ul	212554	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111618\
Data File : BN003560.D
Acq On : 16 Nov 2018 12:31
Operator : MJ/SJ
Sample : J5928-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40Z4

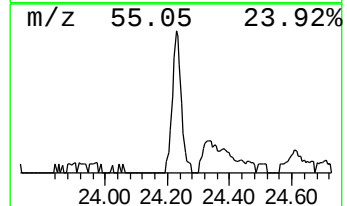
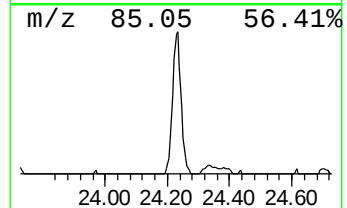
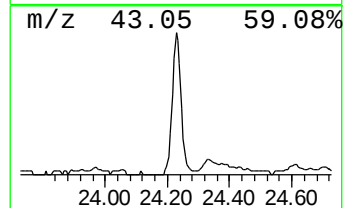
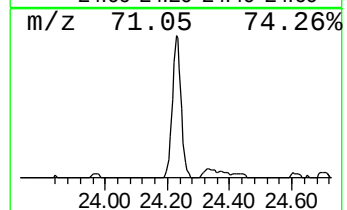
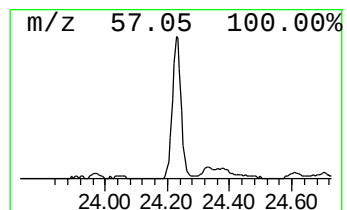
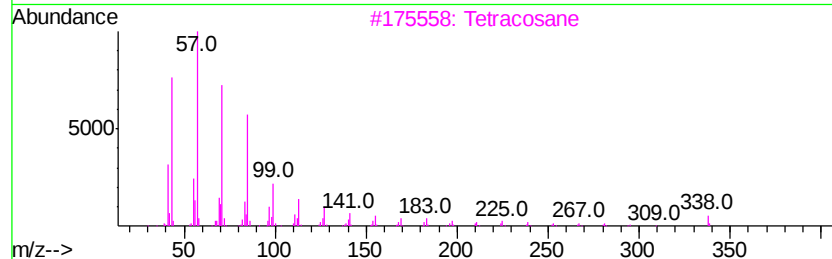
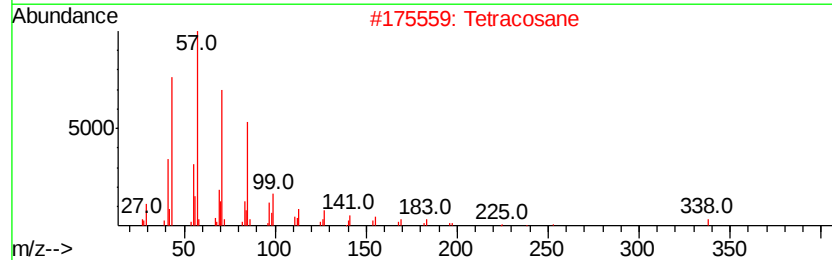
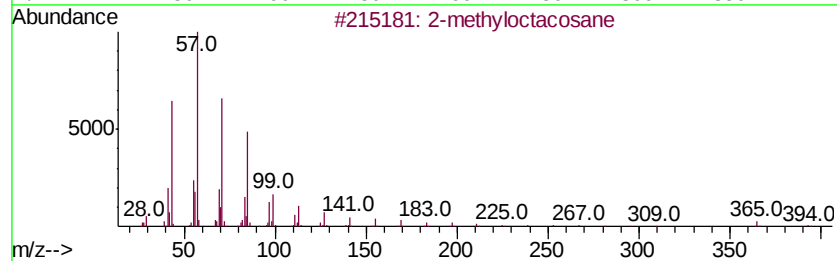
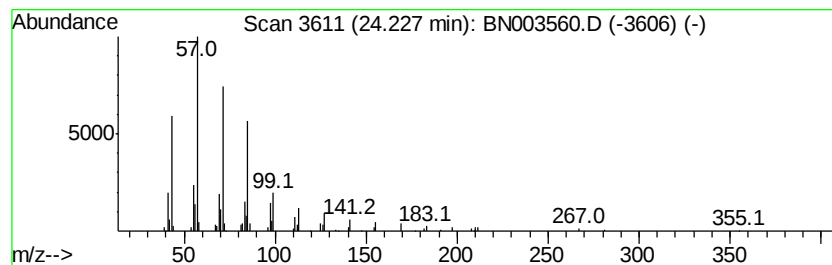
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	2.66 ng/ul	210537	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		triacontane	422	C30H62	000638-68-6	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111618\
Data File : BN003560.D
Acq On : 16 Nov 2018 12:31
Operator : MJ/SJ
Sample : J5928-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40Z4

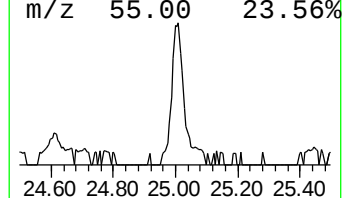
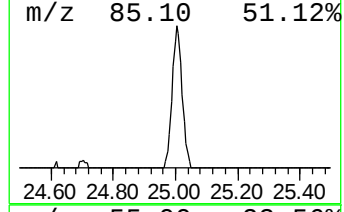
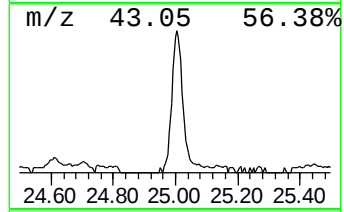
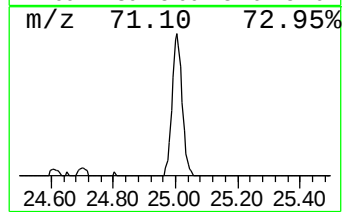
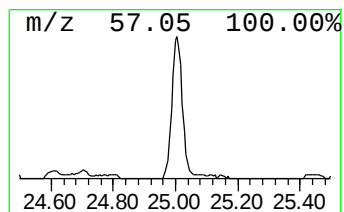
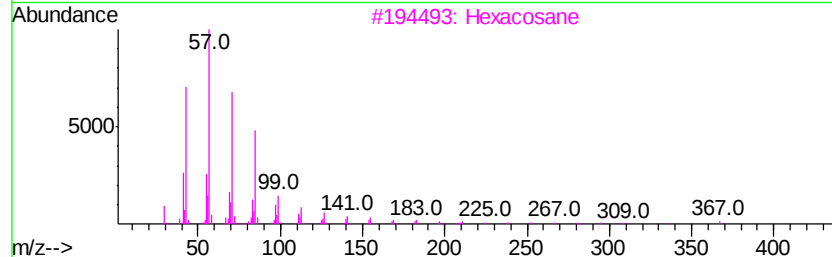
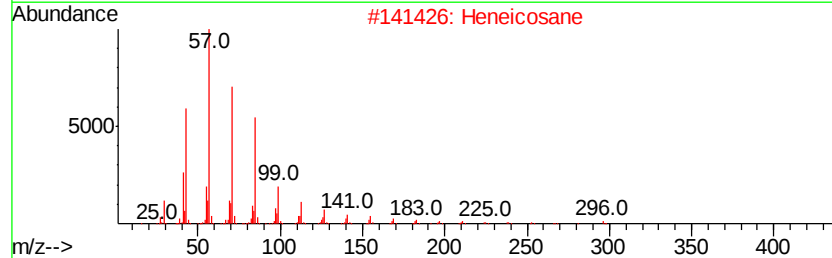
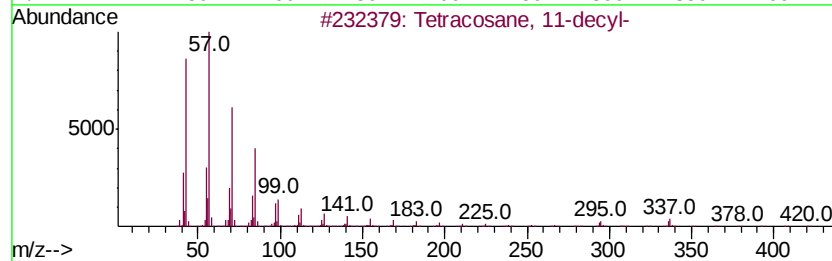
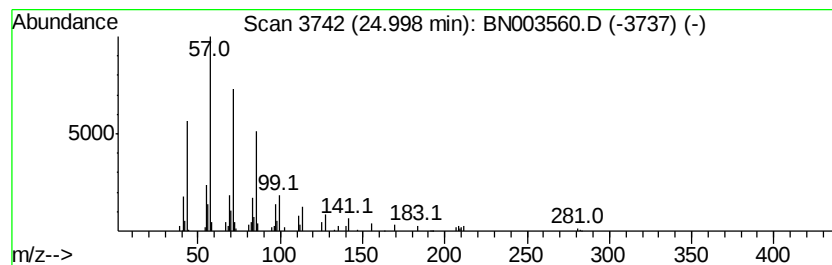
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.00	2.36 ng/ul	187305	Perylene-d12	23.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Octacosane	394	C28H58	000630-02-4	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111618\
Data File : BN003560.D
Acq On : 16 Nov 2018 12:31
Operator : MJ/SJ
Sample : J5928-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A40Z4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.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
Butane, 2-methoxy...	3.03	6.4	ng/ul	144687	1	7.84	452193	20.0
n-Hexadecanoic acid	18.09	4.2	ng/ul	262485	4	17.22	1266110	20.0
Heptadecyl heptaf...	21.09	2.7	ng/ul	217815	5	21.40	1598090	20.0
(DEL) Alkane: Str...	22.45	2.0	ng/ul	160260	5	21.40	1598090	20.0
Squalene	22.59	9.1	ng/ul	724851	6	23.72	1585720	20.0
(DEL) Alkane: Str...	22.97	2.7	ng/ul	212554	6	23.72	1585720	20.0
(DEL) Alkane: Str...	24.23	2.7	ng/ul	210537	6	23.72	1585720	20.0
(DEL) Alkane: Str...	25.00	2.4	ng/ul	187305	6	23.72	1585720	20.0