

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121418\
 Data File : BN003938.D
 Acq On : 14 Dec 2018 19:06
 Operator : JU/SJ
 Sample : J6270-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E01

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-BN121218MA.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	3.017	3	5	30	rVB	795200	1152255	94.32%	6.937%
2	4.928	325	330	340	rVB2	10058	20929	1.71%	0.126%
3	6.993	674	681	693	rVB2	144007	277089	22.68%	1.668%
4	7.163	705	710	720	rBV	113214	170794	13.98%	1.028%
5	7.358	737	743	752	rVB	148835	235847	19.31%	1.420%
6	7.828	818	823	830	rBB	134940	210509	17.23%	1.267%
7	8.528	936	942	954	rBB	183312	285797	23.39%	1.721%
8	8.999	1015	1022	1031	rBB	145020	229630	18.80%	1.383%
9	9.716	1138	1144	1150	rBB	117840	189699	15.53%	1.142%
10	10.246	1228	1234	1245	rBB	200435	322583	26.41%	1.942%
11	10.628	1292	1299	1307	rBB	214017	349509	28.61%	2.104%
12	10.769	1317	1323	1342	rBV	101259	177846	14.56%	1.071%
13	13.875	1845	1851	1855	rBV	351251	477454	39.08%	2.875%
14	13.916	1855	1858	1864	rVB	84877	110238	9.02%	0.664%
15	14.163	1893	1900	1913	rVB	453207	642926	52.63%	3.871%
16	14.469	1946	1952	1960	rVB2	332856	490658	40.16%	2.954%
17	14.669	1981	1986	1999	rBV	143991	221595	18.14%	1.334%
18	15.463	2114	2121	2132	rVB	571880	809592	66.27%	4.874%
19	15.587	2137	2142	2147	rBV	49975	60670	4.97%	0.365%
20	17.210	2412	2418	2424	rBV2	448482	620022	50.75%	3.733%
21	17.310	2429	2435	2441	rBV2	649496	900016	73.67%	5.419%
22	17.969	2540	2547	2553	rBV	44154	71490	5.85%	0.430%
23	18.022	2553	2556	2562	rVV	16670	25636	2.10%	0.154%
24	18.086	2562	2567	2586	rVV	401351	650570	53.25%	3.917%
25	19.251	2755	2765	2781	rBV2	461544	980773	80.28%	5.905%
26	19.363	2781	2784	2799	rVB	88275	175706	14.38%	1.058%
27	19.604	2819	2825	2836	rVB2	826688	1195326	97.85%	7.197%
28	20.116	2908	2912	2920	rVB	122240	136236	11.15%	0.820%
29	20.433	2962	2966	2970	rBV2	22426	28061	2.30%	0.169%
30	20.486	2971	2975	2977	rBV	23270	25289	2.07%	0.152%
31	20.610	2993	2996	3001	rBV	68521	75669	6.19%	0.456%
32	20.869	3038	3040	3044	rBV2	7651	12655	1.04%	0.076%
33	21.080	3071	3076	3087	rBV	260386	396637	32.47%	2.388%
34	21.163	3088	3090	3093	rVB2	15062	13612	1.11%	0.082%

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35	21.286	3107	3111	3116	rBV	41437	49337	4.04%	0.297%
36	21.398	3124	3130	3134	rBV	705036	926005	75.80%	5.575%
37	21.516	3147	3150	3153	rVB	37904	36898	3.02%	0.222%
38	21.798	3195	3198	3203	rVB	44988	56758	4.65%	0.342%
39	21.869	3206	3210	3213	rBV	113089	136000	11.13%	0.819%
40	21.957	3221	3225	3231	rBV	78058	108931	8.92%	0.656%
41	22.433	3302	3306	3310	rBV2	42053	69804	5.71%	0.420%
42	22.745	3353	3359	3367	rBV	381707	635824	52.05%	3.828%
43	22.857	3373	3378	3387	rVB	235464	369497	30.25%	2.225%
44	22.951	3389	3394	3399	rBV	127727	184642	15.11%	1.112%
45	23.568	3491	3499	3511	rVB	577941	1221637	100.00%	7.355%
46	23.716	3517	3524	3535	rVB	404708	758959	62.13%	4.569%
47	24.204	3601	3607	3613	rVB	116760	239551	19.61%	1.442%
48	24.974	3733	3738	3742	rBV	39216	72517	5.94%	0.437%

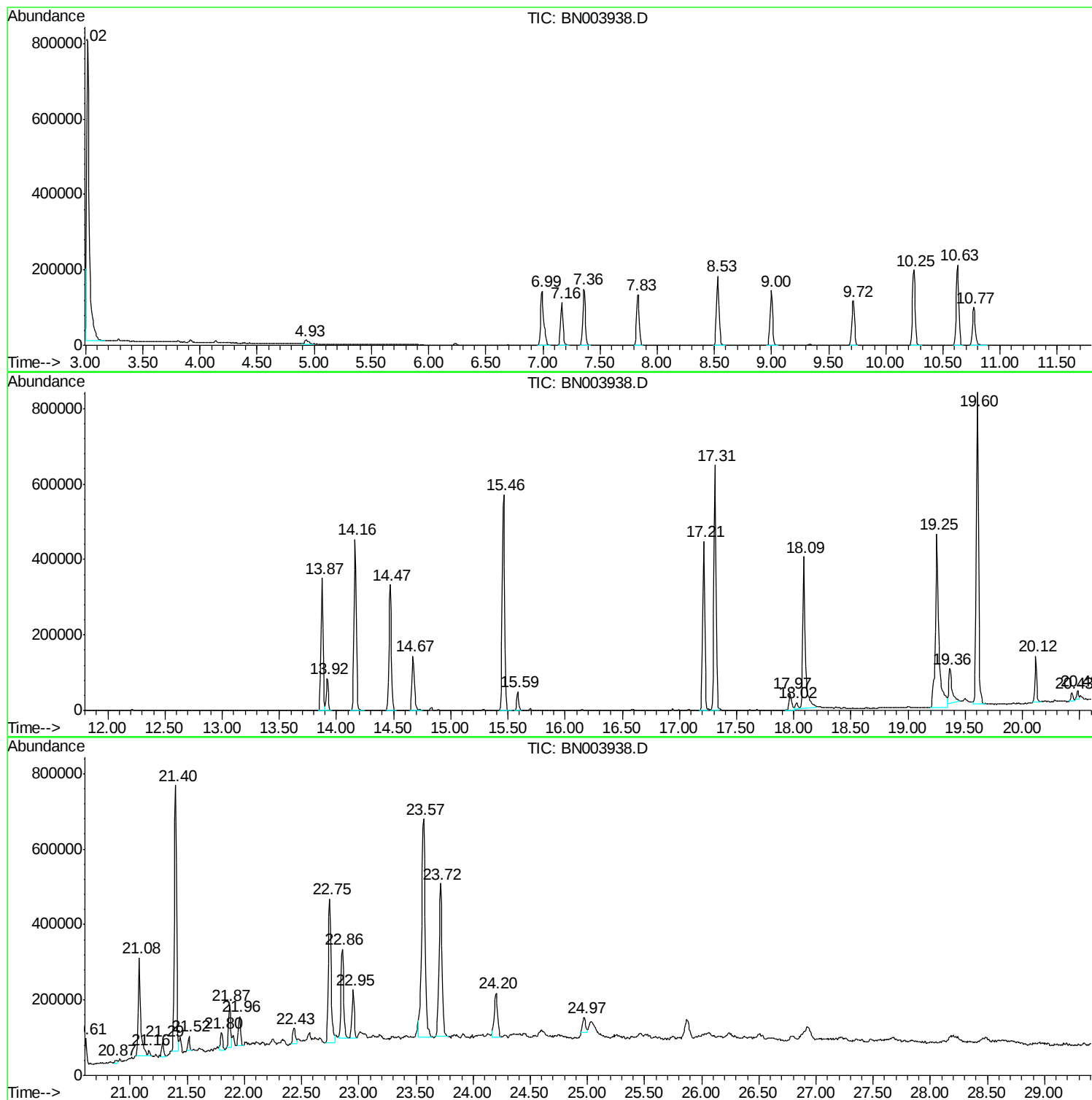
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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



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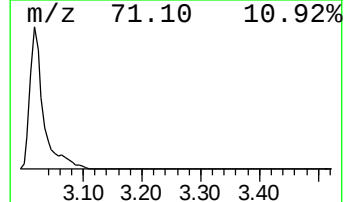
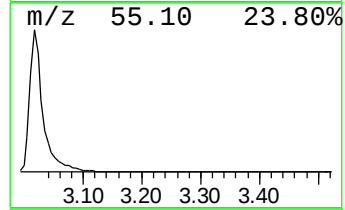
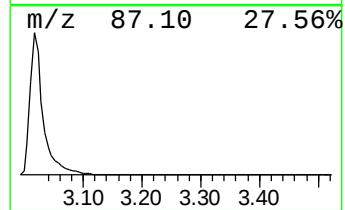
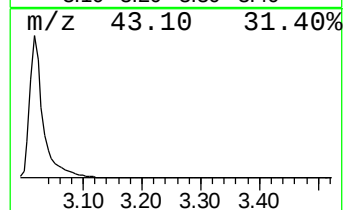
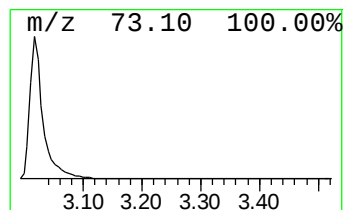
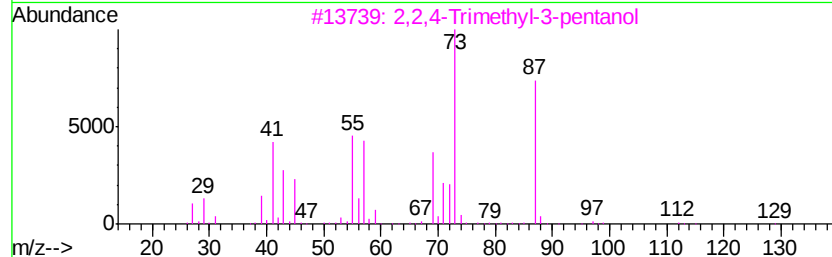
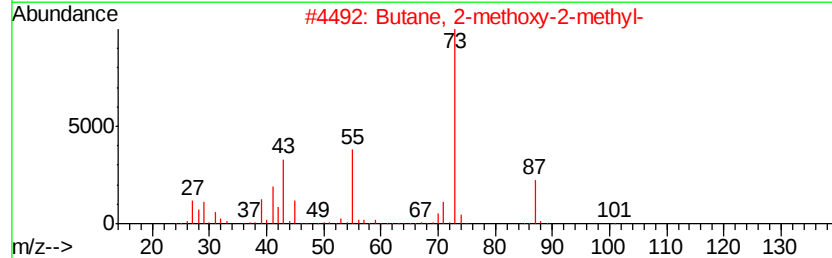
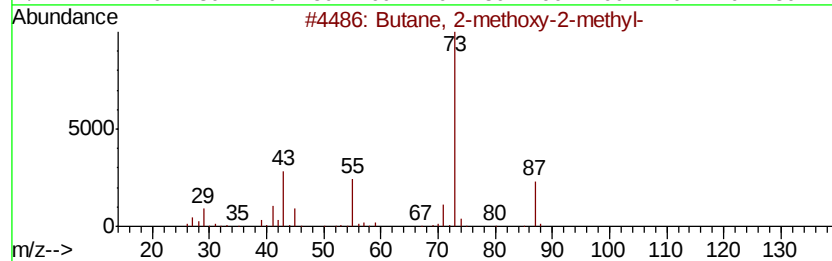
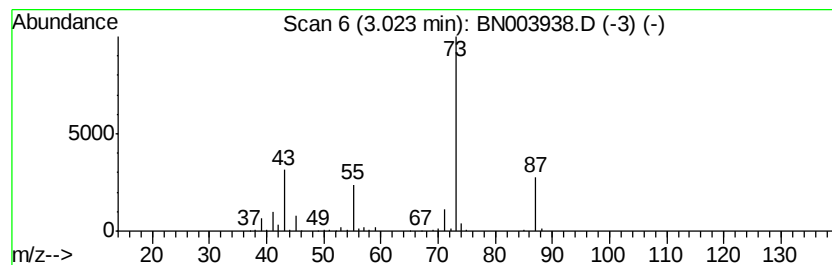
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	109.47 ng/ul	1152260	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
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		1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	23
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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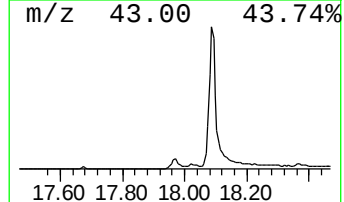
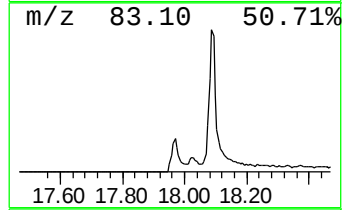
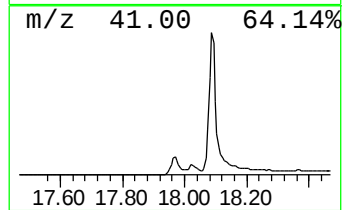
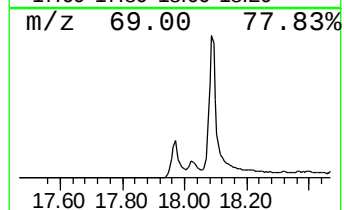
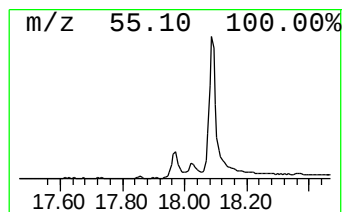
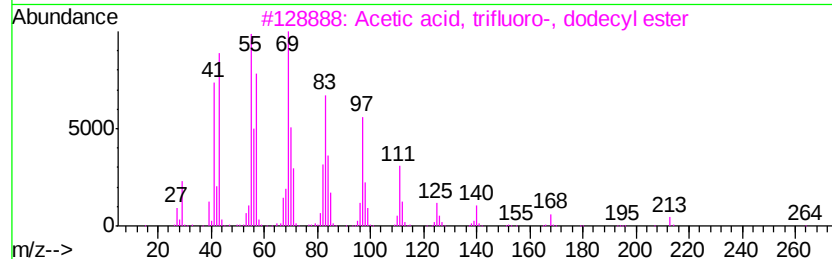
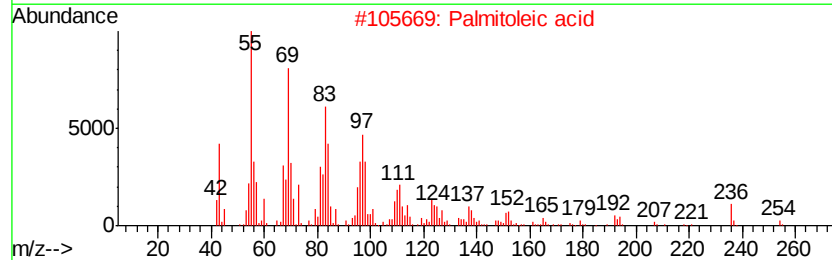
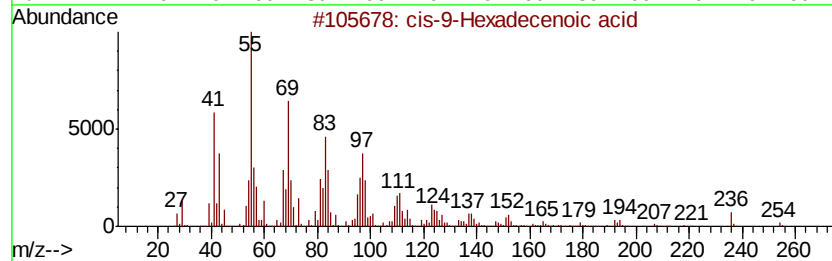
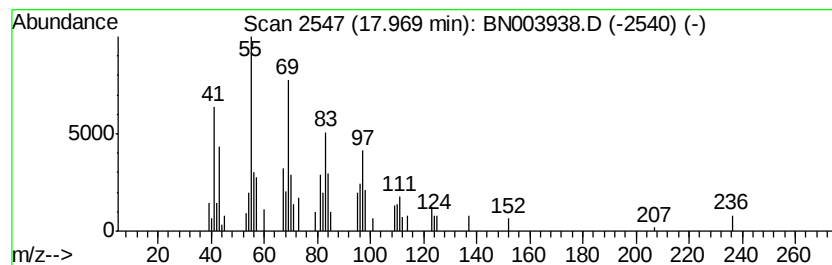
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 cis-9-Hexadecenoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.31 ng/ul	71490	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	93
2		Palmitoleic acid	254	C16H30O2	000373-49-9	91
3		Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	68
4		1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	60
5		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	53



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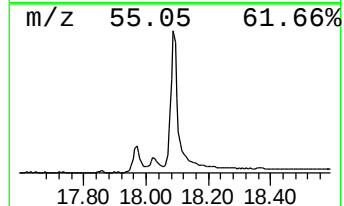
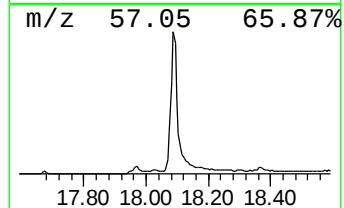
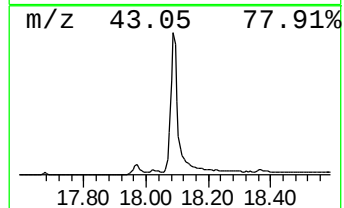
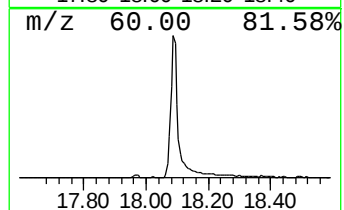
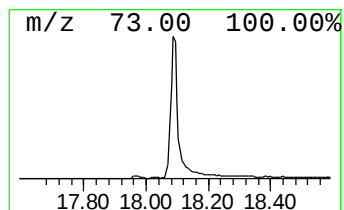
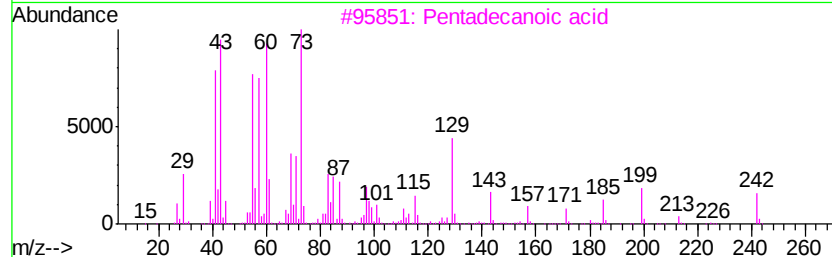
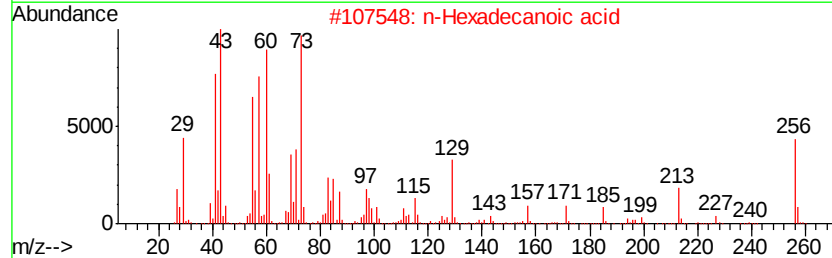
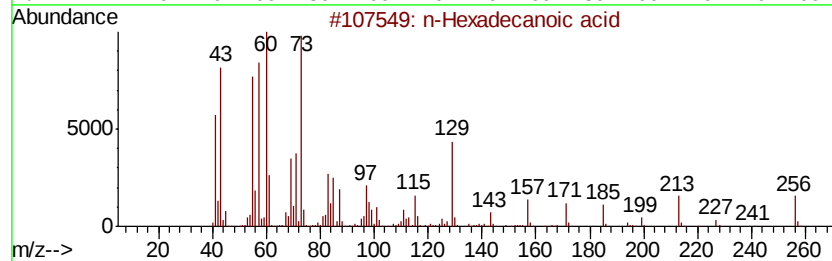
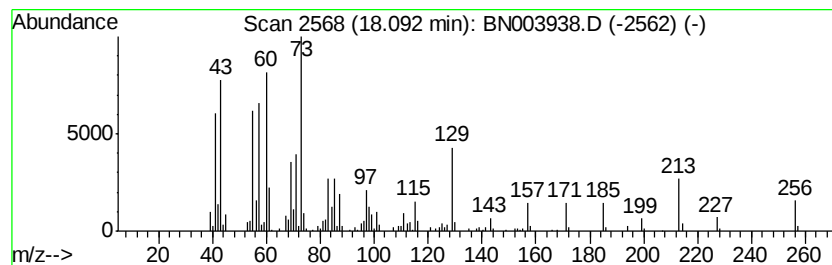
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	20.99 ng/ul	650570	Phenanthrene-d10	17.21

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	93	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70	



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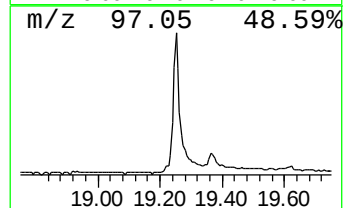
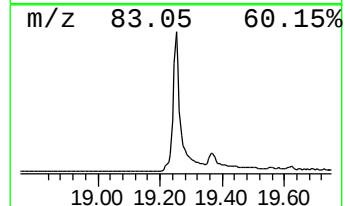
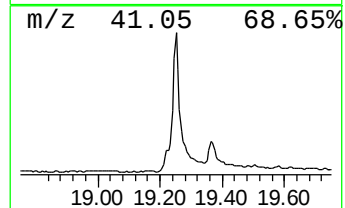
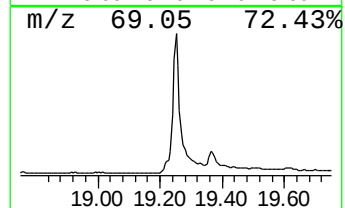
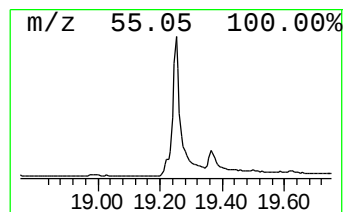
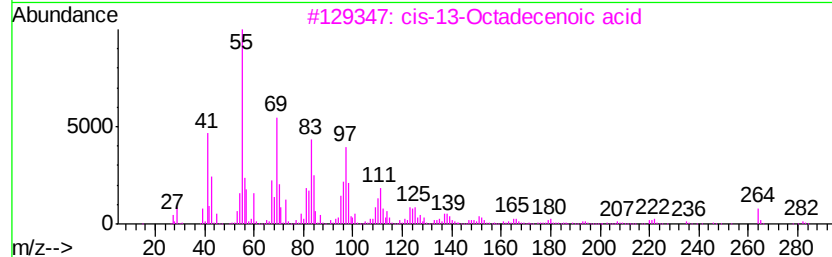
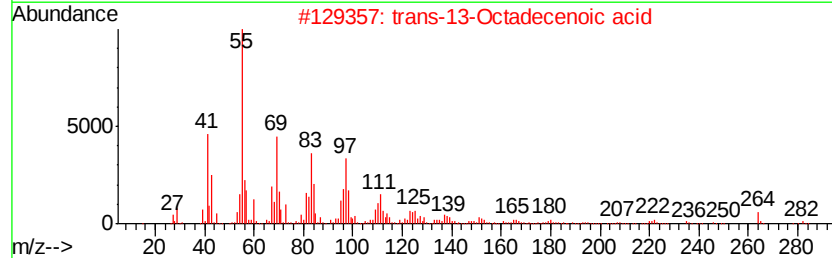
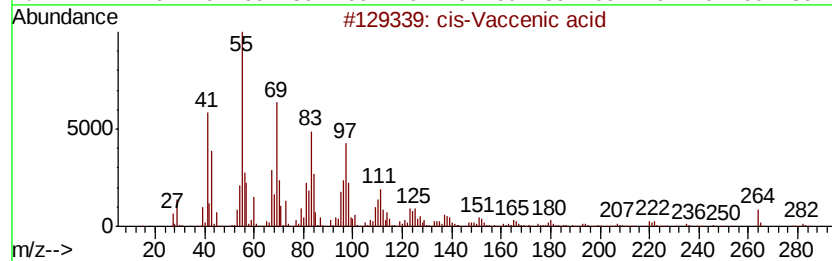
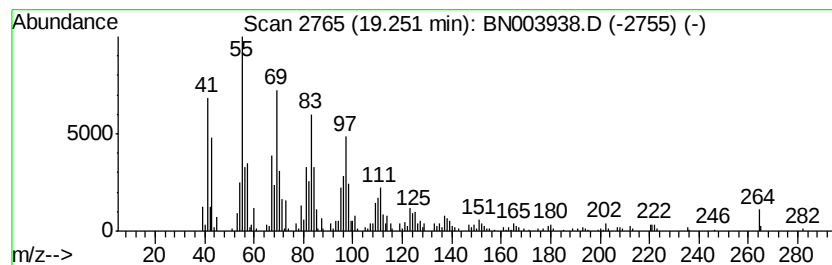
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Peak Number 4 cis-Vaccenic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	31.64 ng/ul	980773	Phenanthrene-d10	17.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		cis-Vaccenic acid	282	C18H34O2	000506-17-2	96
2		trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	96
3		cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	94
4		Oleic Acid	282	C18H34O2	000112-80-1	94
5		6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	91



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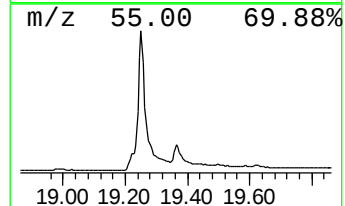
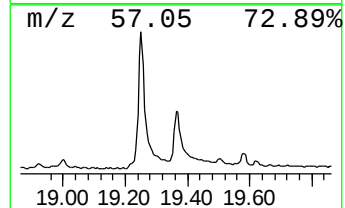
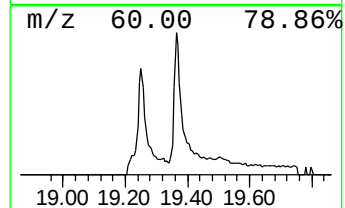
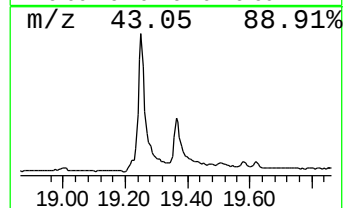
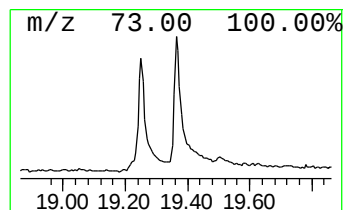
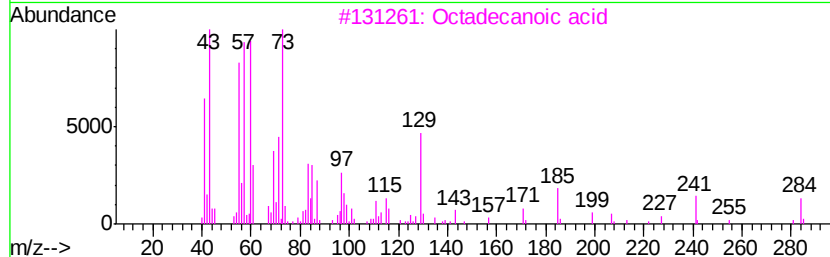
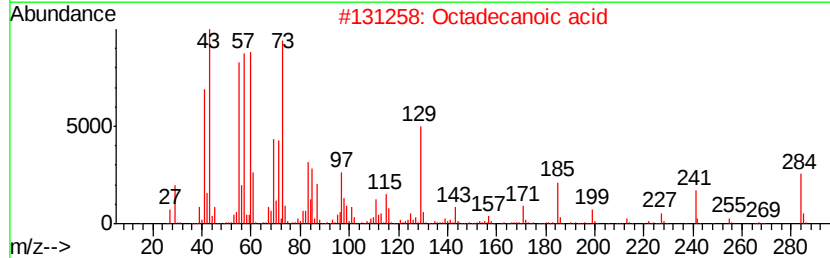
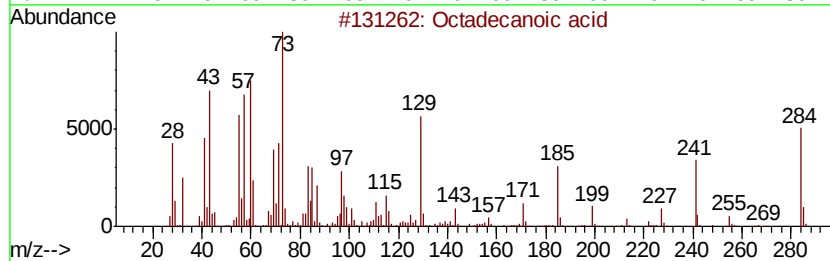
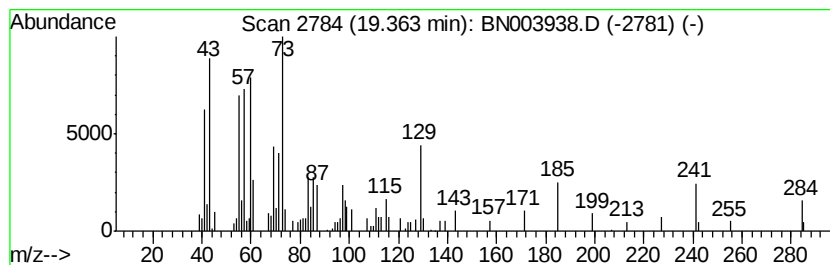
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	3.79 ng/ul	175706	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	99
4		Octadecanoic acid	284	C18H36O2	000057-11-4	97
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	91



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Acq On : 14 Dec 2018 19:06
Operator : JU/SJ
Sample : J6270-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

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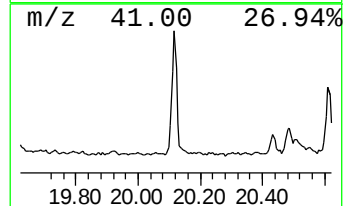
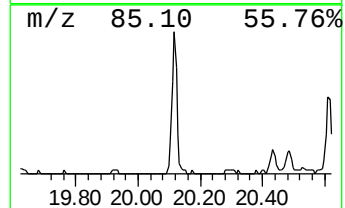
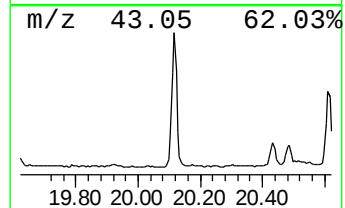
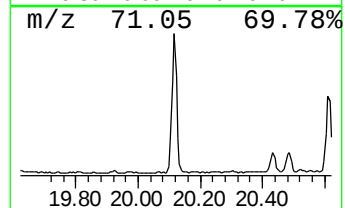
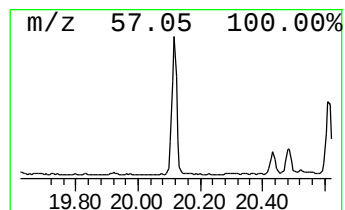
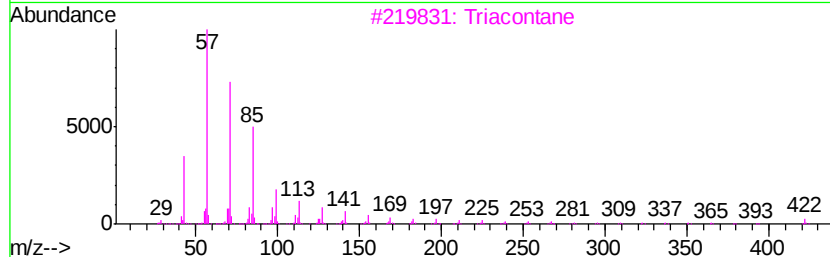
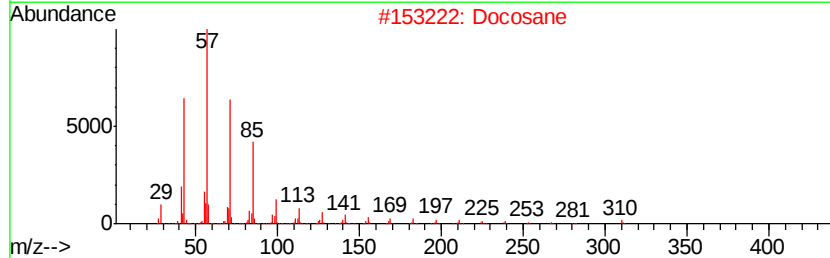
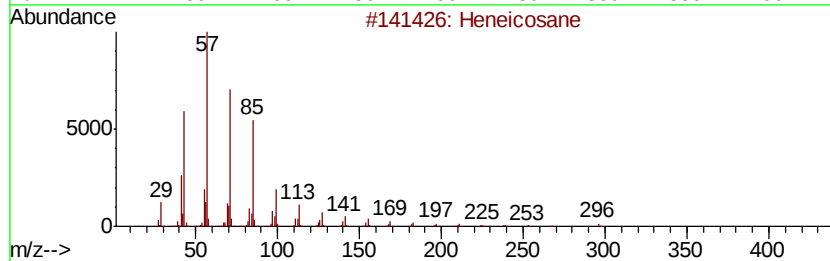
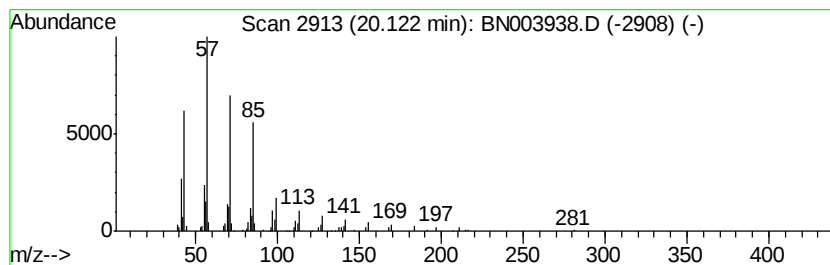
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.12	2.94 ng/ul	136236	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Docosane	310	C22H46	000629-97-0	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Octadecane	254	C18H38	000593-45-3	91



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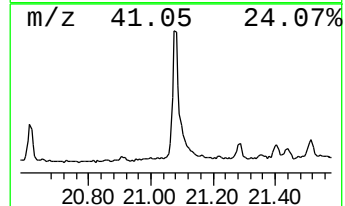
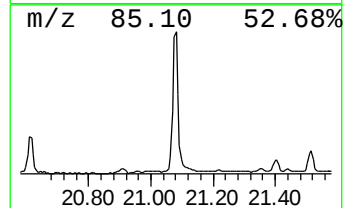
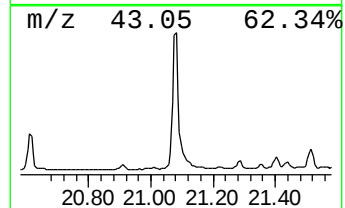
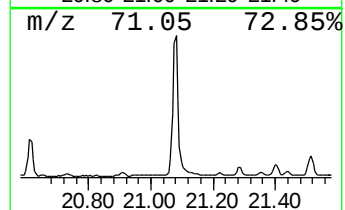
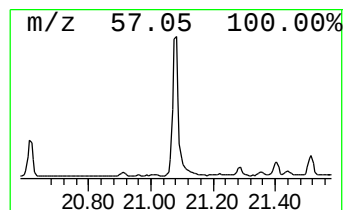
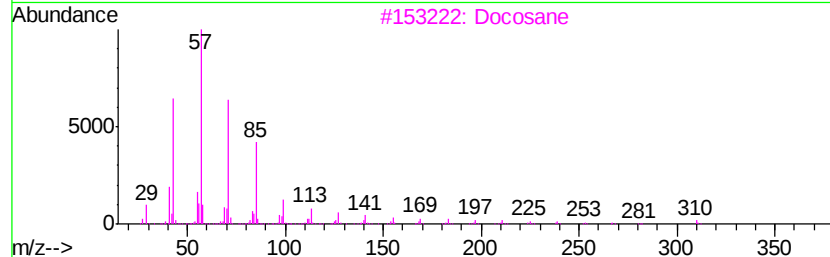
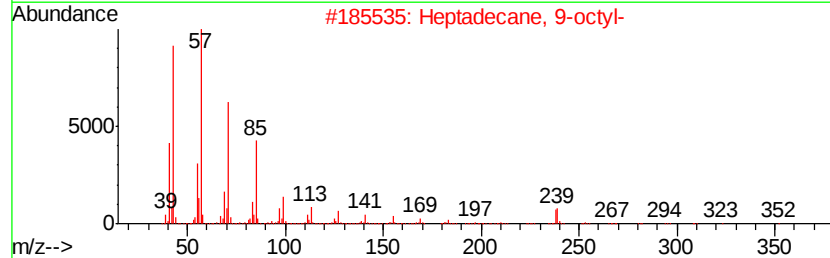
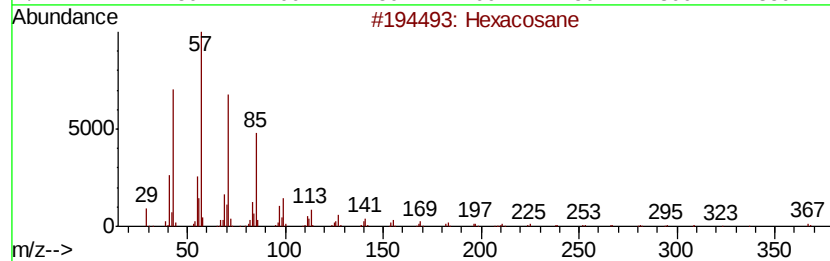
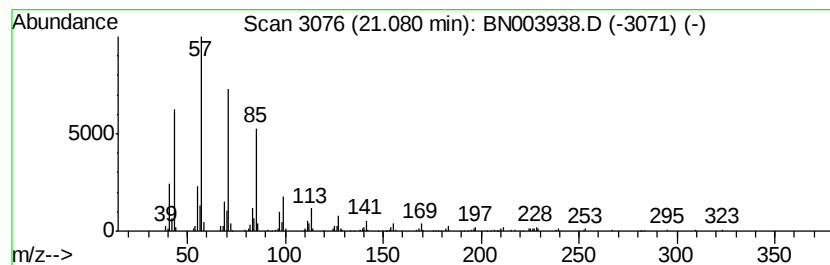
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	8.57 ng/ul	396637	Chrysene-d12	21.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	93
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3			Docosane	310	C22H46	000629-97-0	91
4			Octacosane	394	C28H58	000630-02-4	91
5			Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121418\
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Misc :
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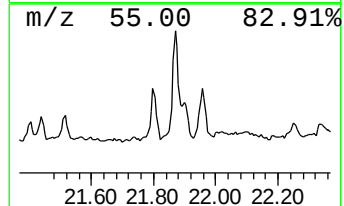
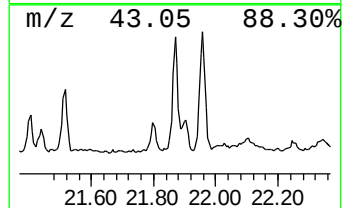
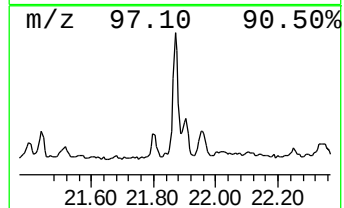
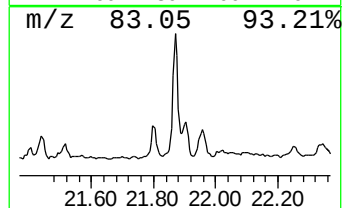
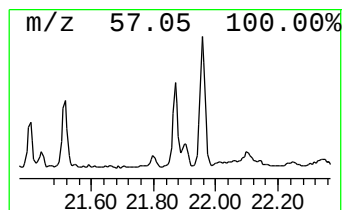
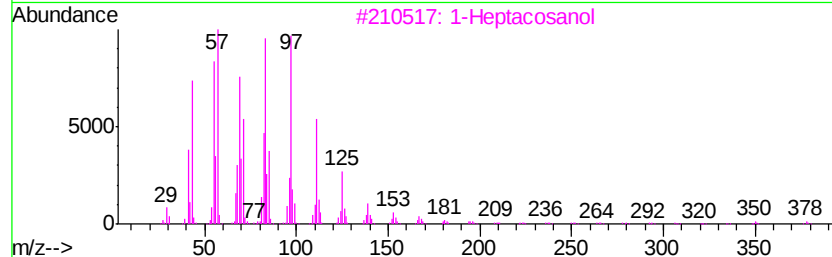
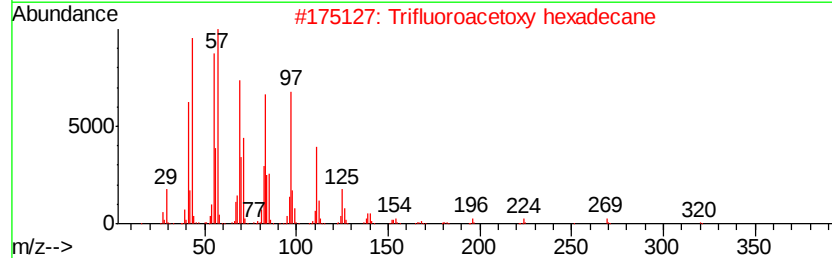
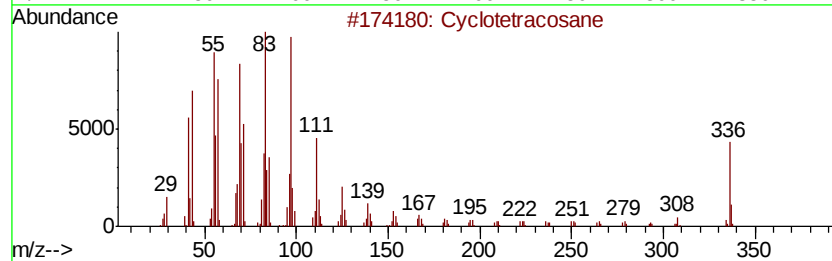
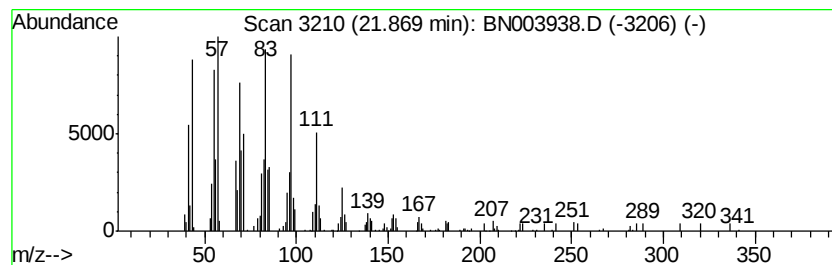
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic21.87 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	2.94 ng/ul	136000	Chrysene-d12	21.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclotetracosane	336 C24H48	000297-03-0 98
2		Trifluoroacetoxy hexadecane	338 C18H33F3O2	006222-03-3 93
3		1-Heptacosanol	396 C27H56O	002004-39-9 93
4		Behenic alcohol	326 C22H46O	000661-19-8 93
5		Heptafluorobutyric acid, pentade...	424 C19H31F7O2	959261-23-5 93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121418\
Data File : BN003938.D
Acq On : 14 Dec 2018 19:06
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Misc :
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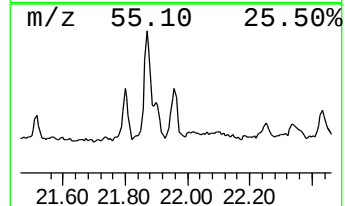
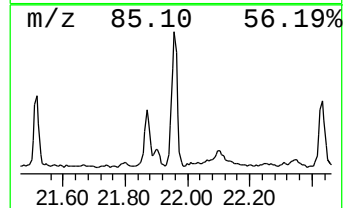
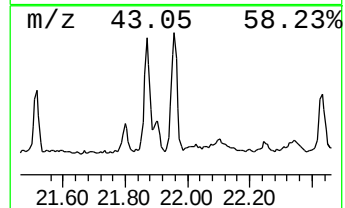
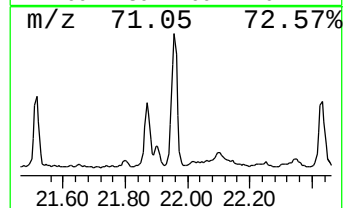
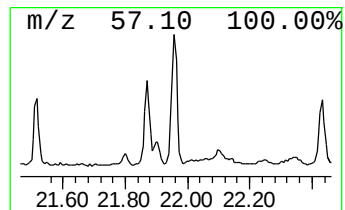
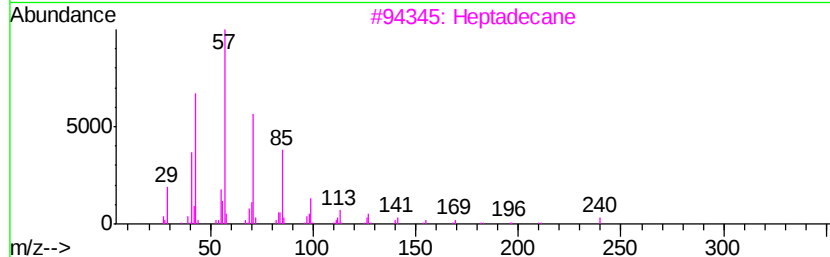
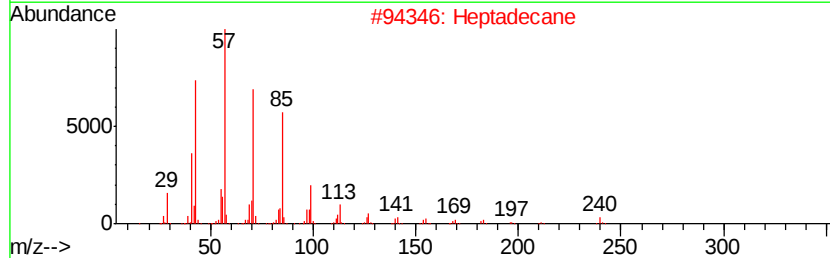
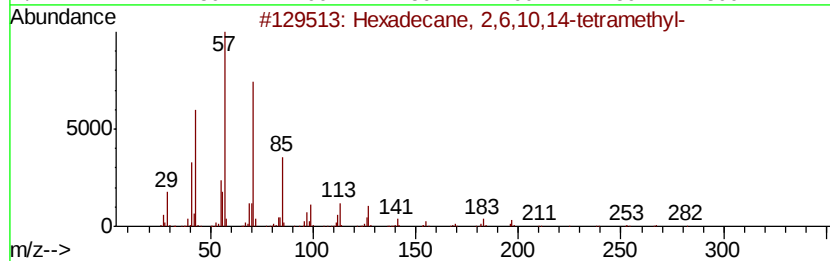
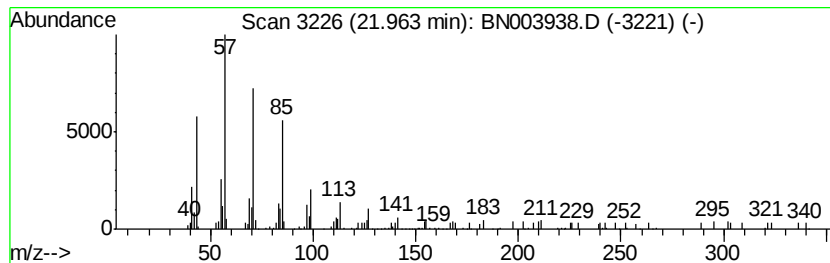
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.96	2.35 ng/ul	108931	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	96
2		Heptadecane	240	C17H36	000629-78-7	96
3		Heptadecane	240	C17H36	000629-78-7	95
4		Hexadecane	226	C16H34	000544-76-3	94
5		Heptadecane	240	C17H36	000629-78-7	93



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Data File : BN003938.D
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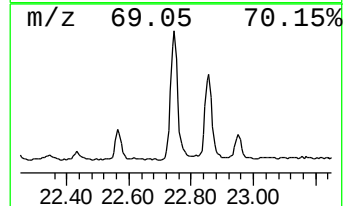
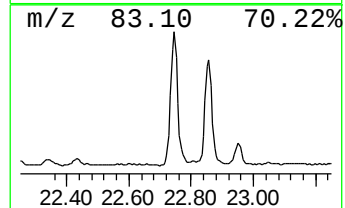
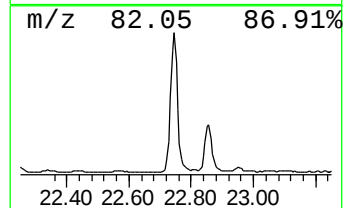
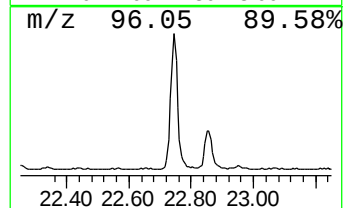
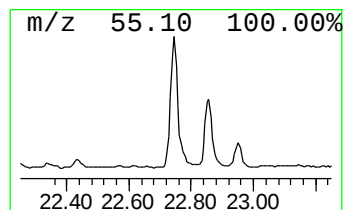
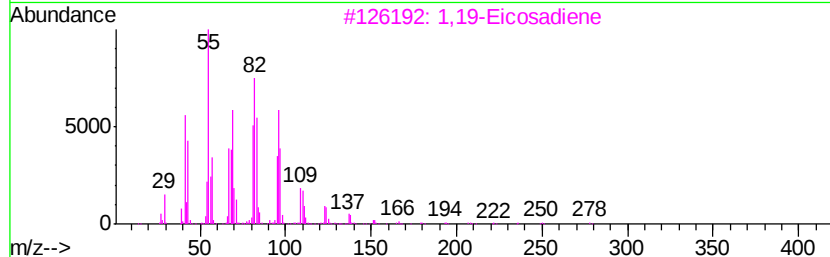
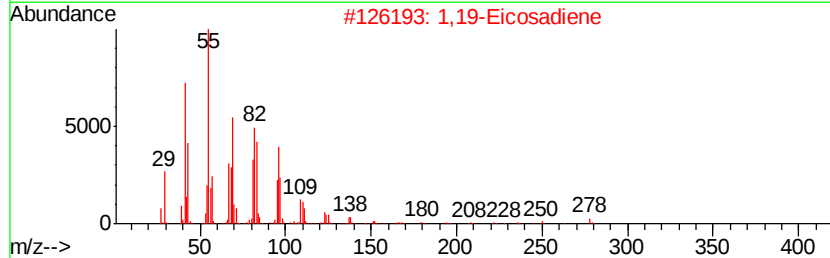
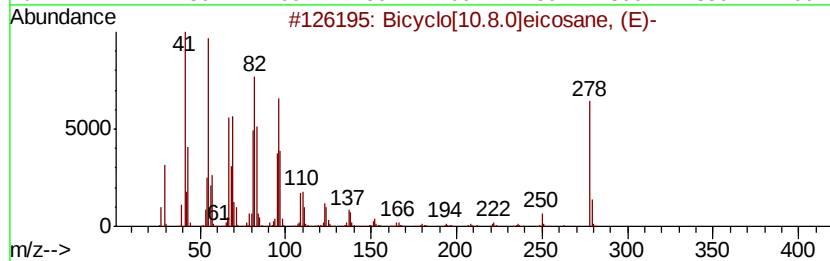
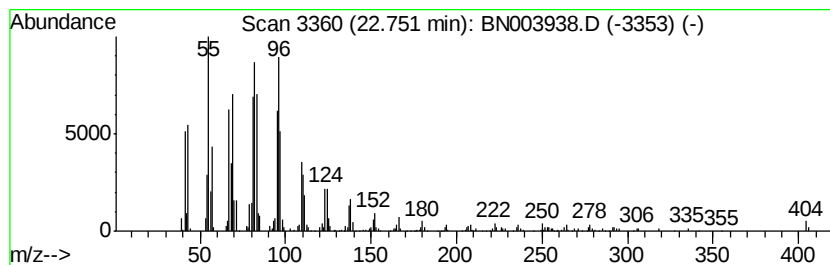
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Bicyclo[10.8.0]eicosane, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.75	16.76 ng/ul	635824	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[10.8.0]eicosane, (E)-	278	C20H38	1000155-85-0	95
2		1,19-Eicosadiene	278	C20H38	014811-95-1	91
3		1,19-Eicosadiene	278	C20H38	014811-95-1	91
4		Eicosen-1-ol, cis-9-	296	C20H40O	112248-30-3	87
5		9-Octadecen-1-ol, (Z)-	268	C18H36O	000143-28-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121418\
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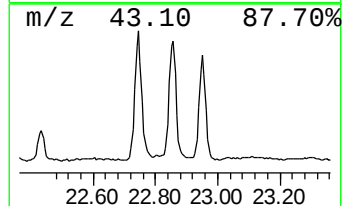
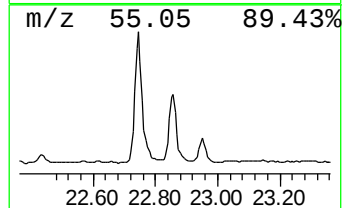
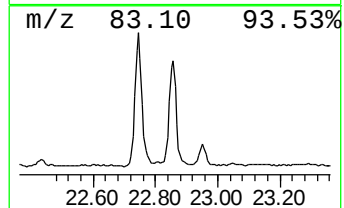
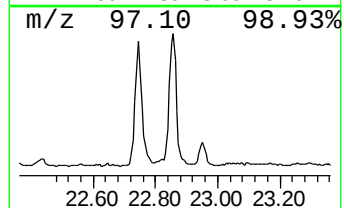
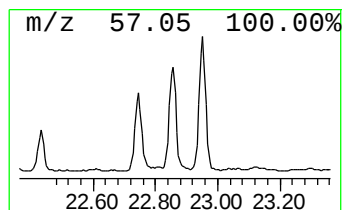
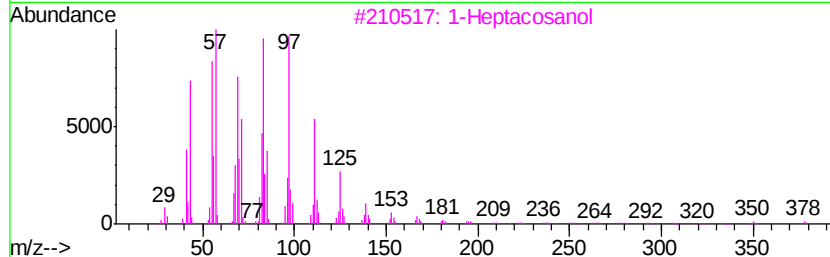
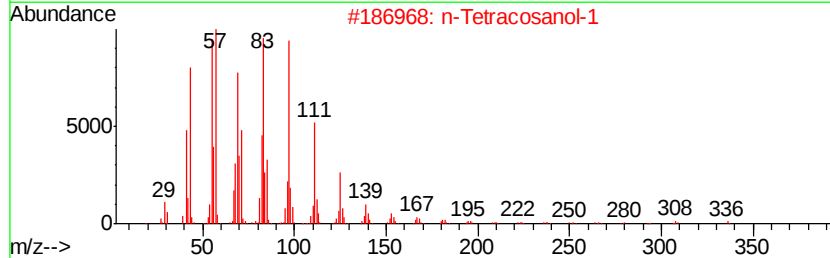
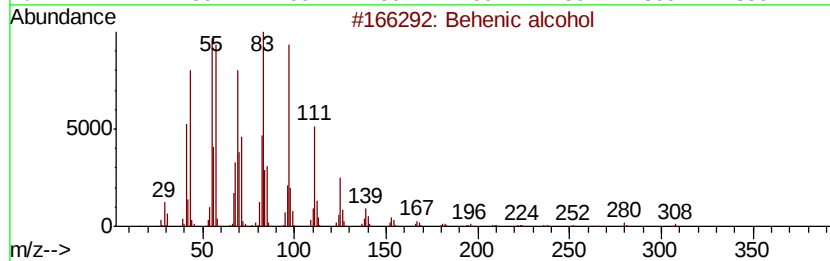
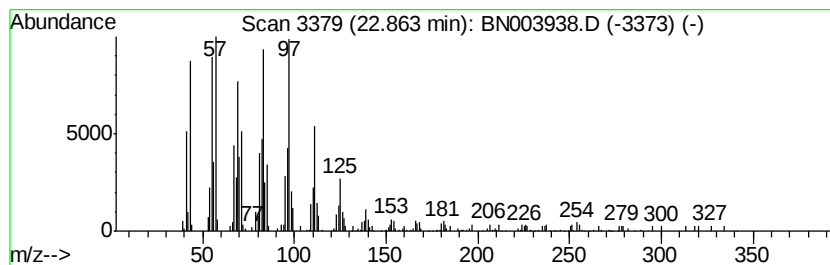
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Behenic alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	9.74 ng/ul	369497	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Behenic alcohol	326	C22H46O	000661-19-8	93
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3		1-Heptacosanol	396	C27H56O	002004-39-9	93
4		1-Heneicosanol	312	C21H44O	015594-90-8	93
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121418\
Data File : BN003938.D
Acq On : 14 Dec 2018 19:06
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Sample : J6270-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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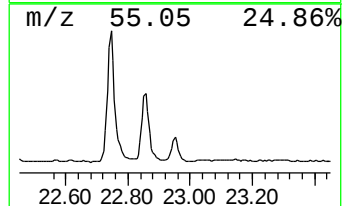
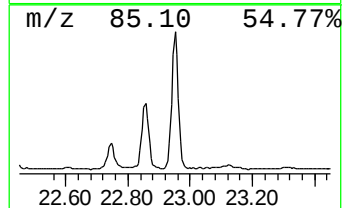
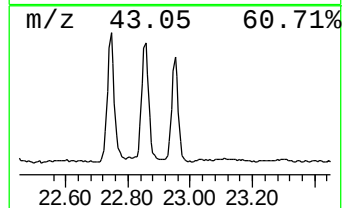
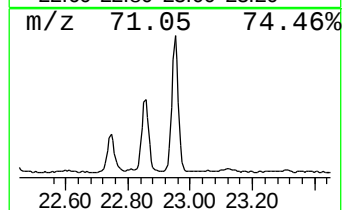
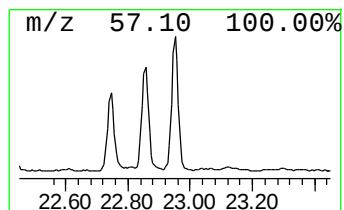
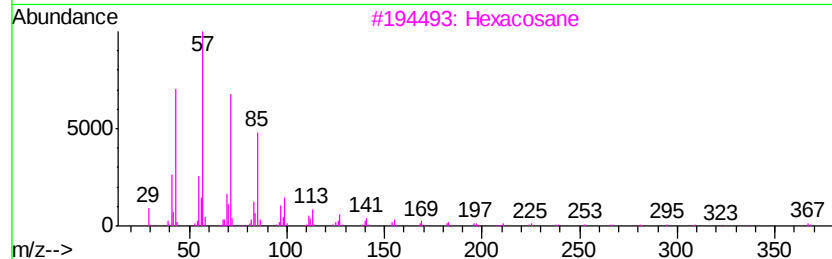
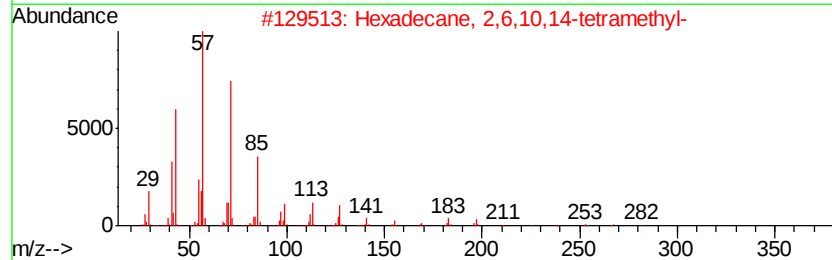
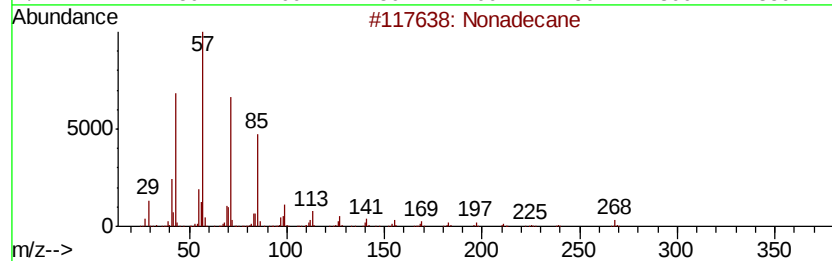
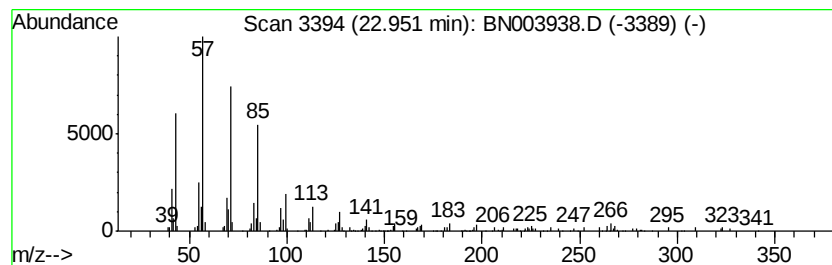
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	4.87 ng/ul	184642	Perylene-d12	23.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	97
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
3			Hexacosane	366	C26H54	000630-01-3	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121418\
Data File : BN003938.D
Acq On : 14 Dec 2018 19:06
Operator : JU/SJ
Sample : J6270-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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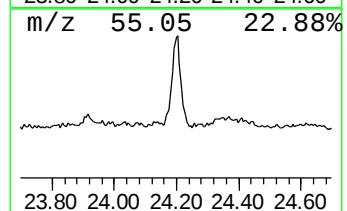
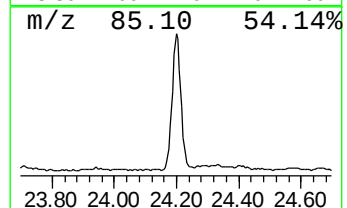
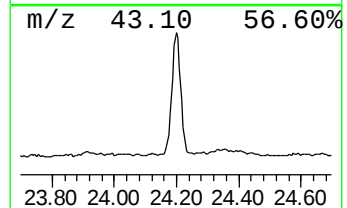
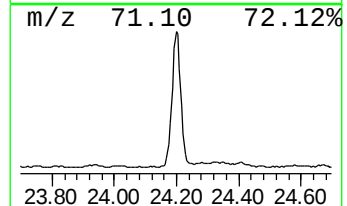
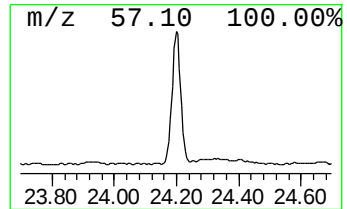
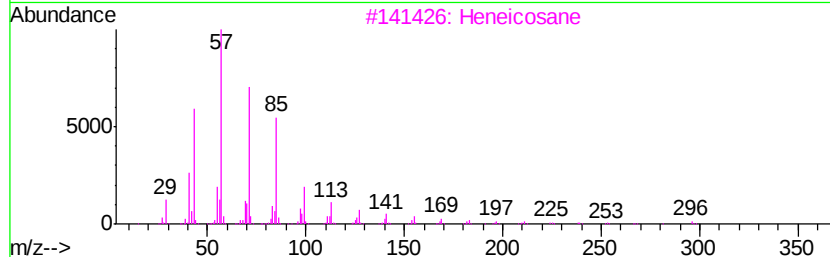
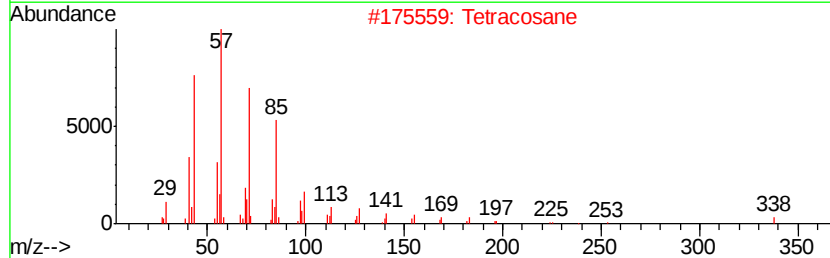
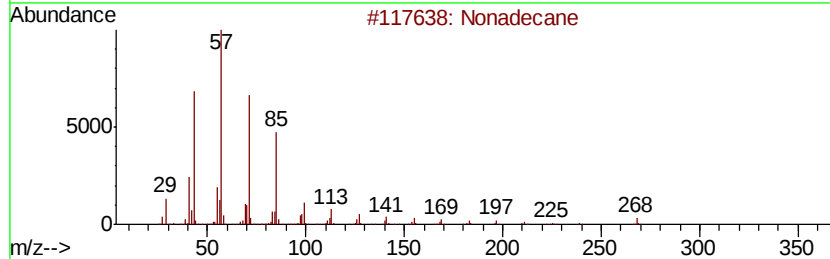
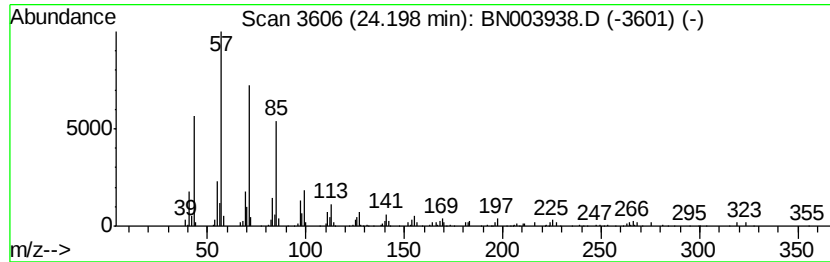
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	6.31 ng/ul	239551	Perylene-d12	23.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	94
2			Tetracosane	338	C24H50	000646-31-1	93
3			Heneicosane	296	C21H44	000629-94-7	90
4			Hexacosane	366	C26H54	000630-01-3	90
5			Triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121418\
 Data File : BN003938.D
 Acq On : 14 Dec 2018 19:06
 Operator : JU/SJ
 Sample : J6270-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.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...	3.02	109.5	ng/ul	1152260	1	7.83	210509	20.0
cis-9-Hexadecenoic...	17.97	2.3	ng/ul	71490	4	17.21	620022	20.0
n-Hexadecanoic acid	18.09	21.0	ng/ul	650570	4	17.21	620022	20.0
cis-Vaccenic acid	19.25	31.6	ng/ul	980773	4	17.21	620022	20.0
Octadecanoic acid	19.36	3.8	ng/ul	175706	5	21.40	926005	20.0
(DEL) Alkane: Str...	20.12	2.9	ng/ul	136236	5	21.40	926005	20.0
(DEL) Alkane: Str...	21.08	8.6	ng/ul	396637	5	21.40	926005	20.0
(DEL) Alkane: Cyc...	21.87	2.9	ng/ul	136000	5	21.40	926005	20.0
(DEL) Alkane: Str...	21.96	2.4	ng/ul	108931	5	21.40	926005	20.0
Bicyclo[10.8.0]ei...	22.75	16.8	ng/ul	635824	6	23.72	758959	20.0
Behenic alcohol	22.86	9.7	ng/ul	369497	6	23.72	758959	20.0
(DEL) Alkane: Str...	22.95	4.9	ng/ul	184642	6	23.72	758959	20.0
(DEL) Alkane: Str...	24.20	6.3	ng/ul	239551	6	23.72	758959	20.0