

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072018\
 Data File : BN002094.D
 Acq On : 20 Jul 2018 11:23
 Operator : JU/SJ
 Sample : J4039-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB1P6

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-BN071318MA.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	3.258	42	46	49	rBV	59410	75337	1.43%	0.129%
2	6.881	654	662	675	rVB2	191042	441528	8.37%	0.758%
3	7.040	682	689	701	rBV	664532	1014288	19.22%	1.741%
4	7.234	715	722	732	rBV	685433	1108021	20.99%	1.902%
5	7.699	794	801	808	rBV	875065	1364891	25.86%	2.343%
6	8.405	914	921	932	rBV	538837	898374	17.02%	1.542%
7	8.846	989	996	1005	rBV	870507	1417377	26.86%	2.434%
8	9.563	1109	1118	1129	rBV	727704	1215577	23.03%	2.087%
9	10.099	1203	1209	1232	rVB	1022904	1765873	33.46%	3.032%
10	10.475	1265	1273	1281	rBV	1268085	2140151	40.55%	3.674%
11	10.752	1312	1320	1325	rBV2	93848	195934	3.71%	0.336%
12	10.910	1339	1347	1358	rVB4	121147	302027	5.72%	0.519%
13	11.063	1366	1373	1388	rVB4	79326	244282	4.63%	0.419%
14	11.299	1407	1413	1416	rBV2	214730	389407	7.38%	0.669%
15	11.399	1425	1430	1434	rBV3	62100	97440	1.85%	0.167%
16	11.446	1434	1438	1442	rBV	67891	101684	1.93%	0.175%
17	13.746	1822	1829	1833	rBV	2079085	2929270	55.50%	5.029%
18	13.787	1833	1836	1844	rVB	546522	776553	14.71%	1.333%
19	14.022	1868	1876	1884	rBV	2154633	3126881	59.25%	5.369%
20	14.334	1921	1929	1940	rVB2	1937000	2999280	56.83%	5.150%
21	14.545	1959	1965	1981	rBV	146045	307045	5.82%	0.527%
22	15.328	2092	2098	2105	rVB	3087550	4372354	82.85%	7.507%
23	15.451	2113	2119	2130	rBV	999296	1395166	26.44%	2.395%
24	15.569	2134	2139	2150	rBV4	33335	64753	1.23%	0.111%
25	17.081	2389	2396	2403	rBV	2534742	3635172	68.88%	6.241%
26	17.175	2406	2412	2425	rVB	3100441	4672909	88.54%	8.023%
27	17.986	2545	2550	2558	rBV	259238	384446	7.28%	0.660%
28	19.110	2737	2741	2746	rBV	40816	56764	1.08%	0.097%
29	19.480	2797	2804	2811	rBV	3786998	5277695	100.00%	9.061%
30	21.010	3060	3064	3065	rBV	50501	61488	1.17%	0.106%
31	21.057	3065	3072	3094	rVB5	260293	1180120	22.36%	2.026%
32	21.280	3104	3110	3117	rBV	3326215	4147032	78.58%	7.120%
33	21.445	3134	3138	3141	rBV	86886	95450	1.81%	0.164%
34	21.880	3208	3212	3216	rBV	126411	147941	2.80%	0.254%

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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	22.339	3286	3290	3296	rBV	179663	252293	4.78%	0.433%
36	22.469	3308	3312	3320	rVB	195579	278454	5.28%	0.478%
37	22.845	3372	3376	3384	rVB	270785	418970	7.94%	0.719%
38	23.369	3458	3465	3471	rBV	2288223	4304937	81.57%	7.391%
39	23.510	3482	3489	3499	rVB	1935939	3658686	69.32%	6.282%
40	24.051	3576	3581	3589	rVB	275514	529623	10.04%	0.909%
41	24.798	3702	3708	3718	rVB2	178375	398447	7.55%	0.684%

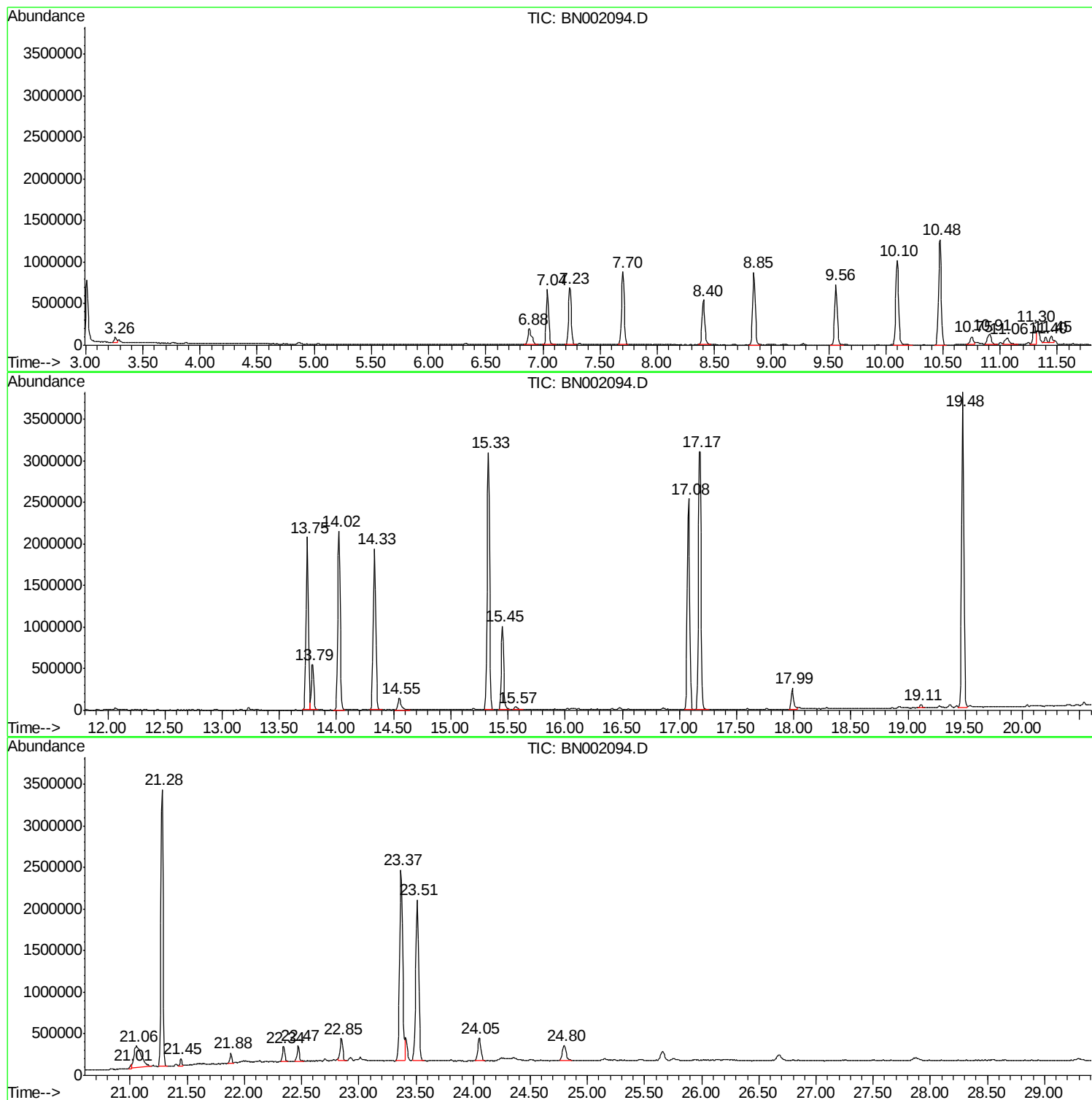
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

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



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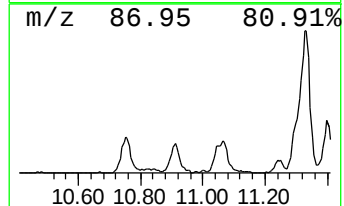
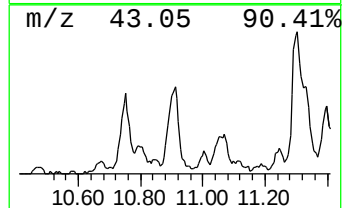
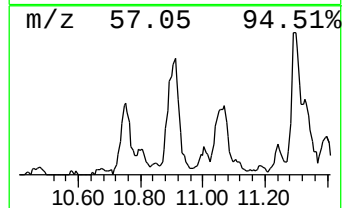
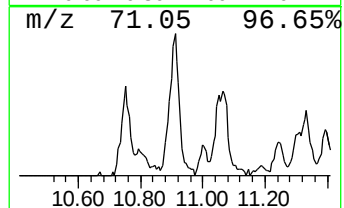
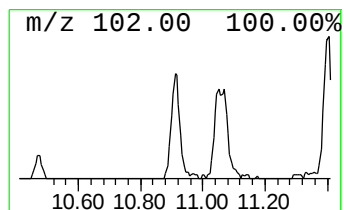
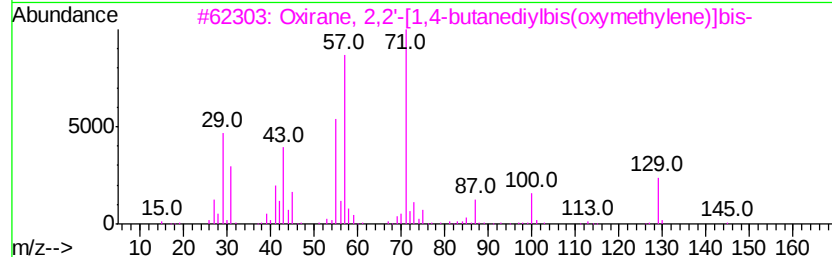
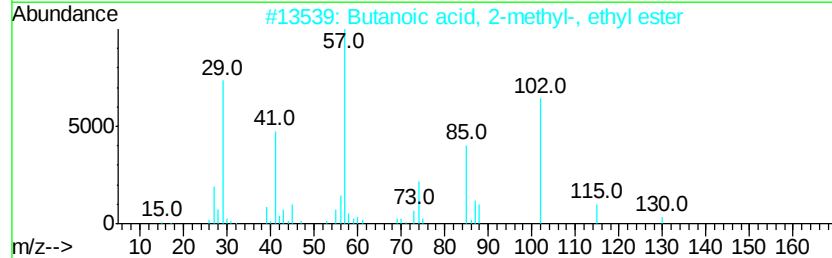
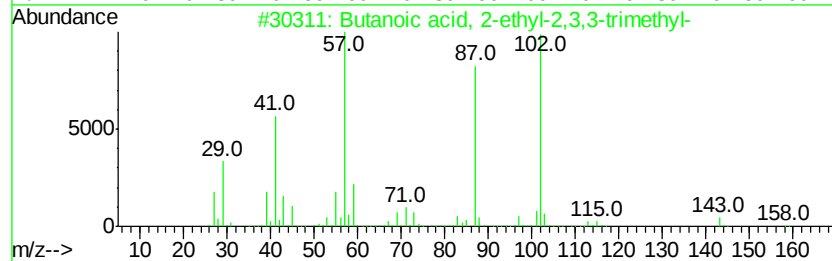
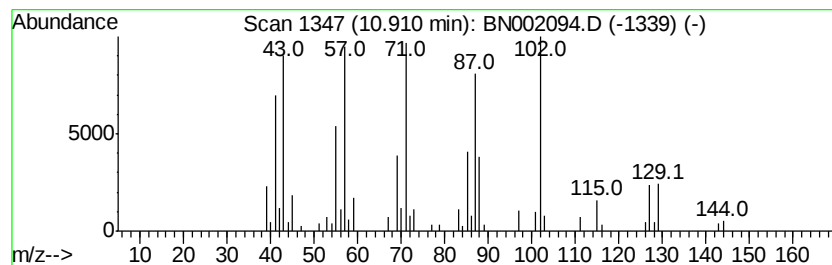
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	2.82 ng/ul	302027	Naphthalene-d8	10.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Butanoic acid, 2-ethyl-2,3,3-tri...	158 C9H18O2	038541-67-2 38
2		Butanoic acid, 2-methyl-, ethyl ...	130 C7H14O2	007452-79-1 22
3		Oxirane, 2,2'-[1,4-butanediylbis...	202 C10H18O4	002425-79-8 14
4		Dihydro-2(3H)-thiophenone	102 C4H6OS	001003-10-7 11
5		4-Heptanone, 3-methyl-	128 C8H16O	015726-15-5 11



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Misc :
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Instrument :
BNA_N
ClientSampleID :
DB1P6

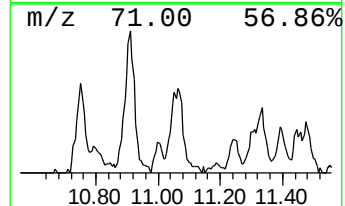
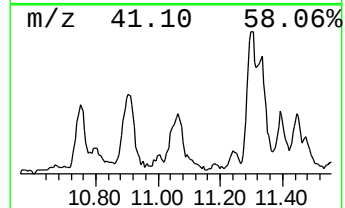
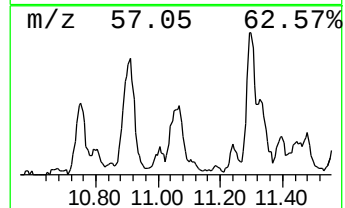
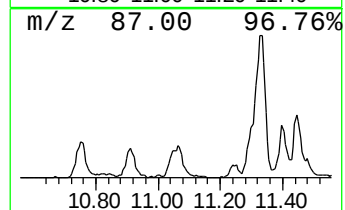
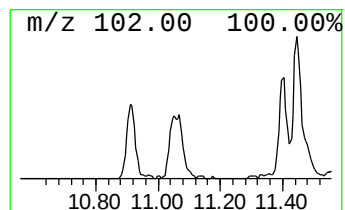
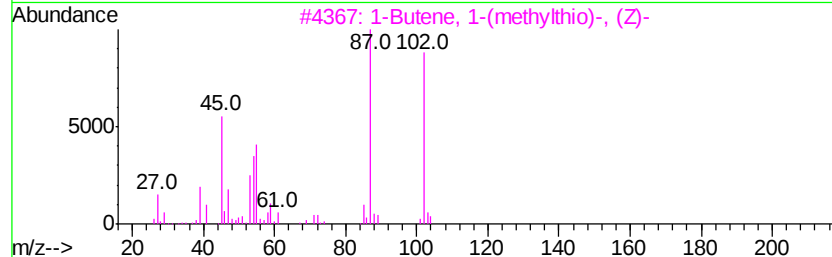
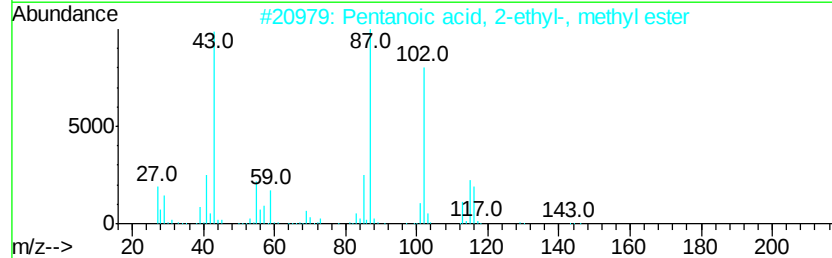
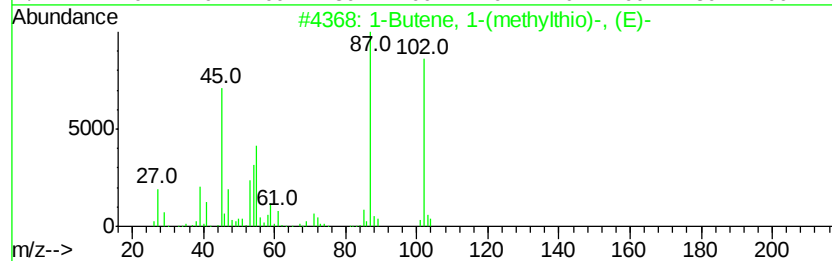
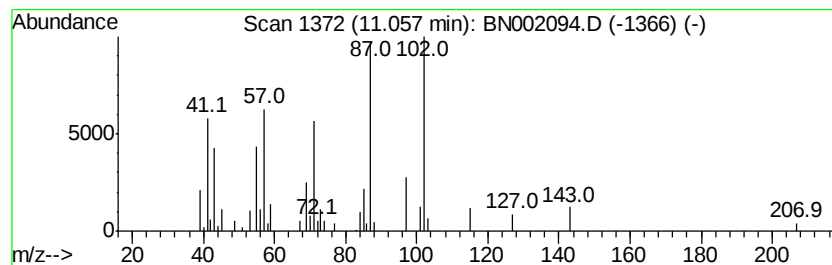
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Peak Number 2 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	2.28 ng/ul	244282	Naphthalene-d8	10.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Butene, 1-(methylthio)-, (E)-	102	C5H10S	017414-27-6	47
2		Pentanoic acid, 2-ethyl-, methyl...	144	C8H16O2	000816-16-0	40
3		1-Butene, 1-(methylthio)-, (Z)-	102	C5H10S	017414-15-2	38
4		Hexanoic acid, 2-ethyl-, methyl ...	158	C9H18O2	000816-19-3	38
5		Hexanoic acid, 2-ethyl-, methyl ...	158	C9H18O2	000816-19-3	38



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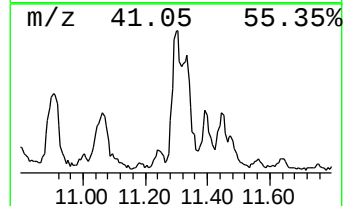
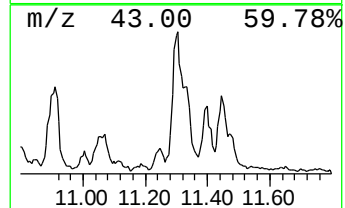
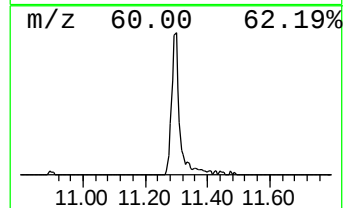
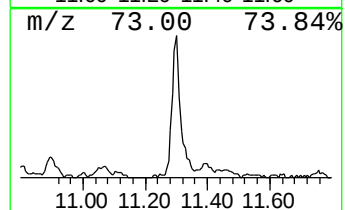
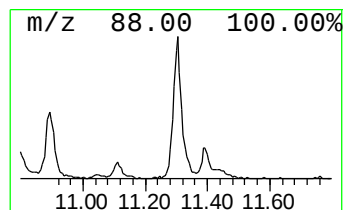
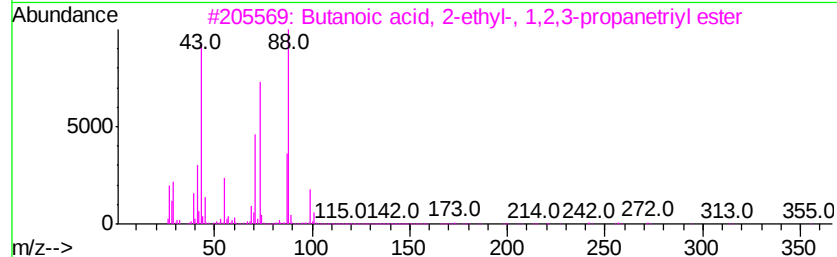
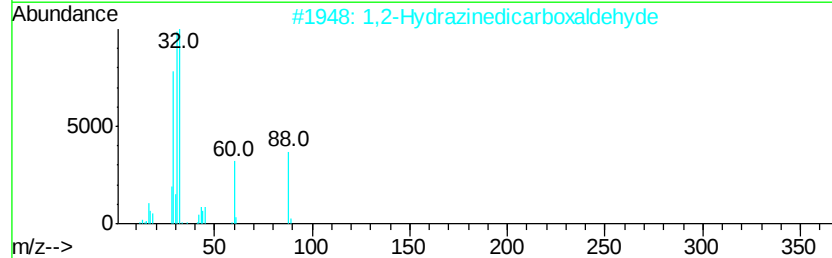
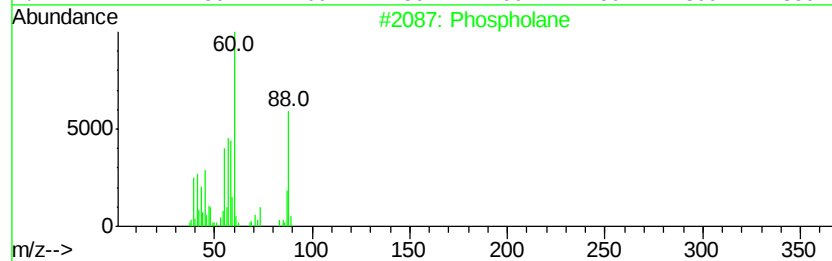
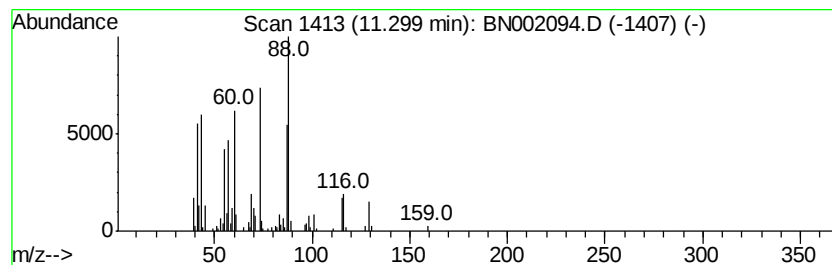
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Phospholane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	3.64 ng/ul	389407	Naphthalene-d8	10.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phospholane	88 C4H9P	003466-00-0	50
2	1,2-Hydrazinedicarboxaldehyde	88 C2H4N2O2	000628-36-4	43
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386 C21H38O6	056554-54-2	43
4	Hexanoic acid, 2-ethyl-	144 C8H16O2	000149-57-5	40
5	4-Penten-2-ol, 5-(methylthio)-, ...	132 C6H12OS	097369-79-4	38



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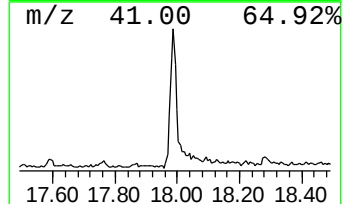
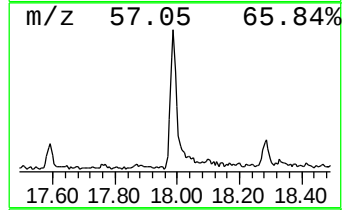
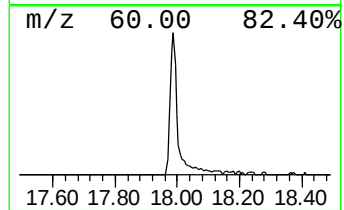
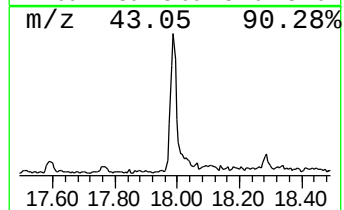
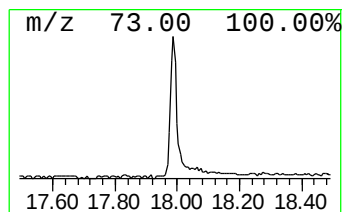
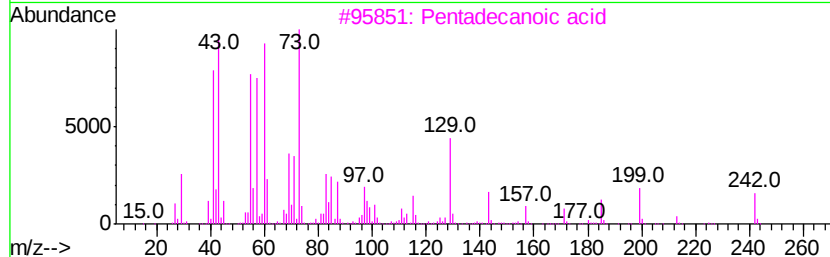
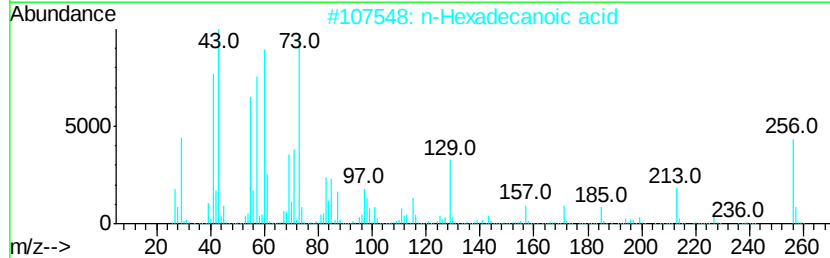
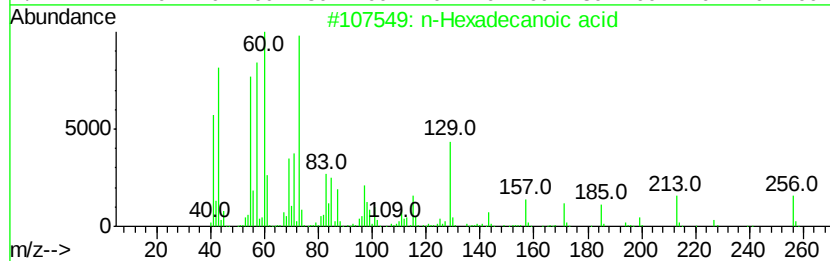
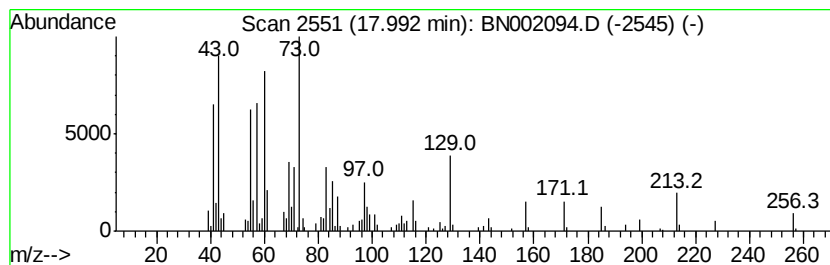
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.12 ng/ul	384446	Phenanthrene-d10	17.08

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		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5		Tridecanoic acid	214	C13H26O2	000638-53-9	68



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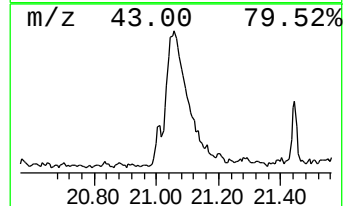
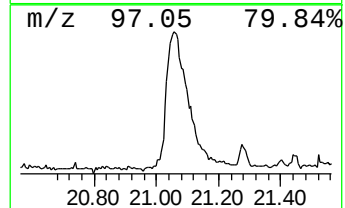
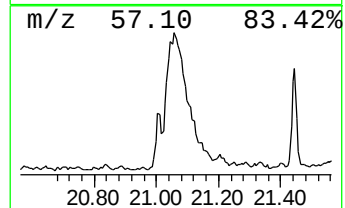
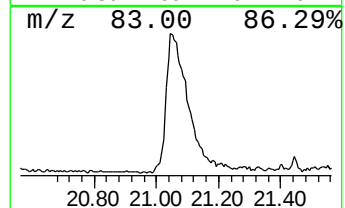
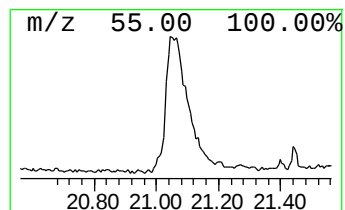
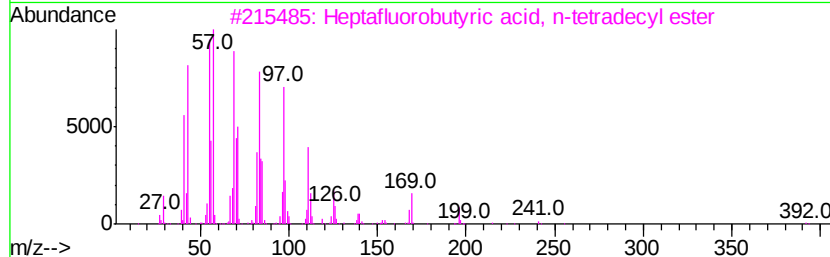
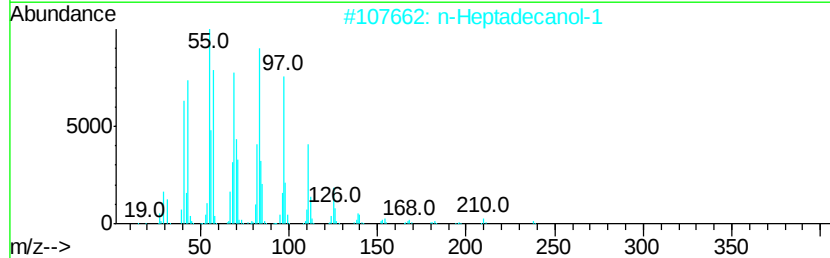
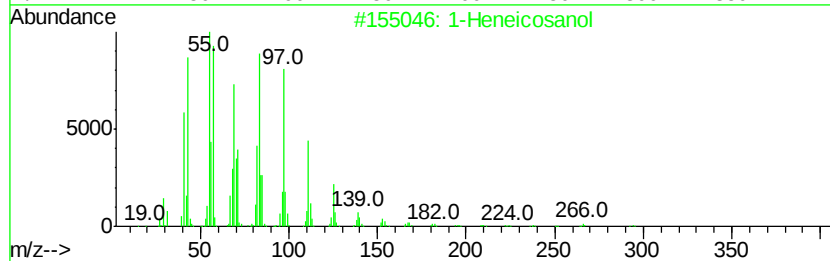
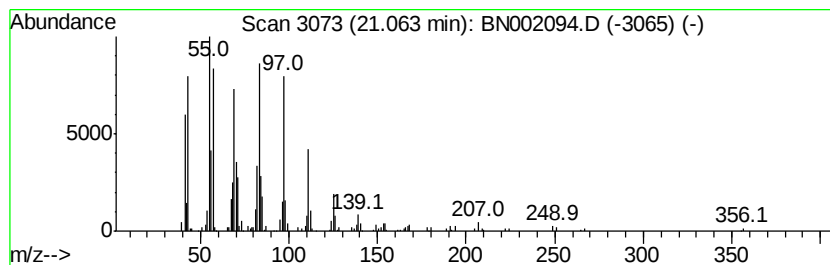
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	5.69 ng/ul	1180120	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	94
2		n-Heptadecanol-1	256	C17H36O	001454-85-9	94
3		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
4		n-Pentadecanol	228	C15H32O	000629-76-5	87
5		17-Pentatriacontene	491	C35H70	006971-40-0	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072018\
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Acq On : 20 Jul 2018 11:23
Operator : JU/SJ
Sample : J4039-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB1P6

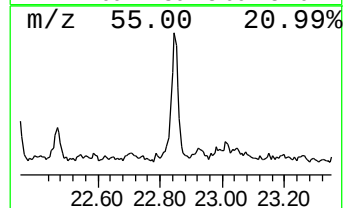
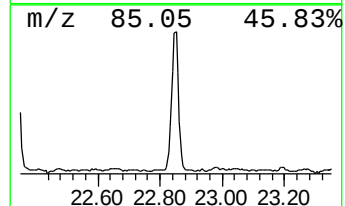
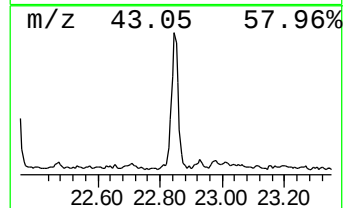
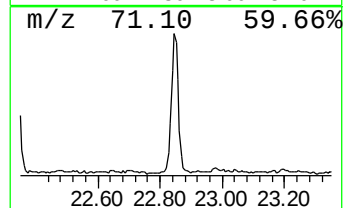
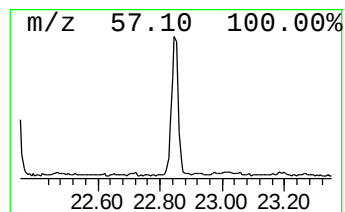
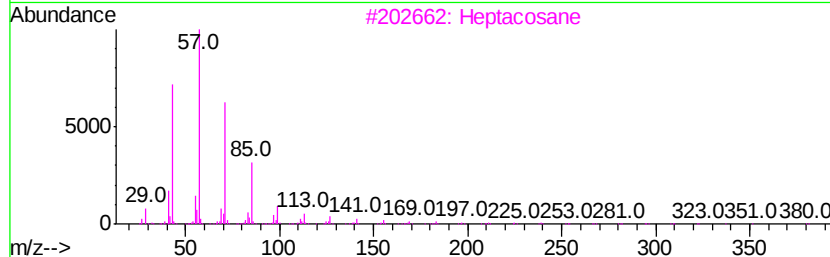
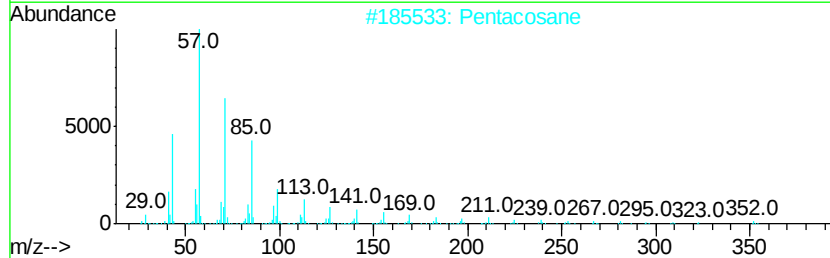
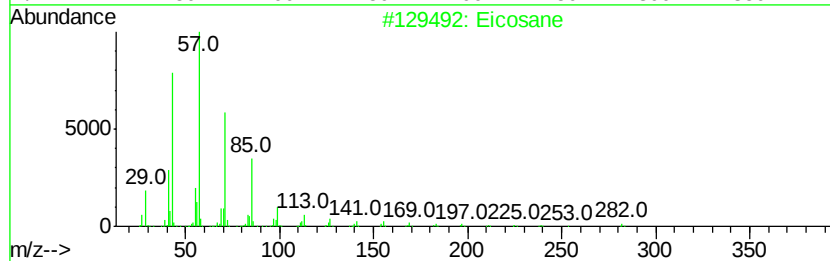
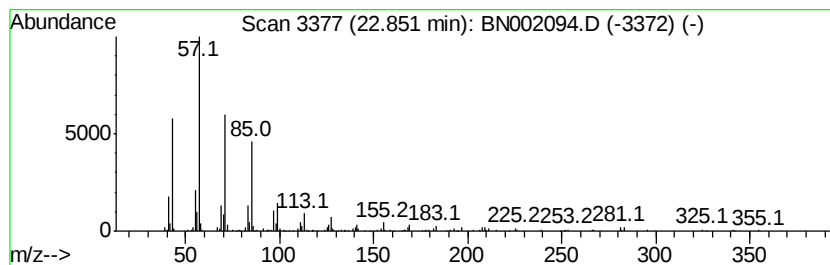
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Quant Title : SVOA CALIBRATION

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.
22.85	2.29 ng/ul	418970	Perylene-d12	23.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Pentacosane	352	C25H52	000629-99-2	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072018\
Data File : BN002094.D
Acq On : 20 Jul 2018 11:23
Operator : JU/SJ
Sample : J4039-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB1P6

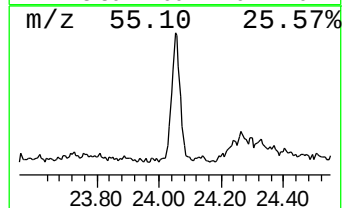
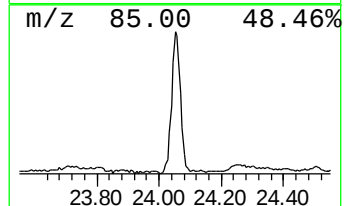
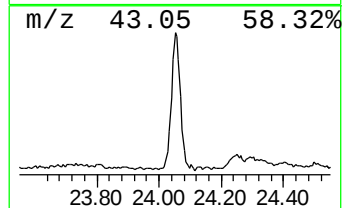
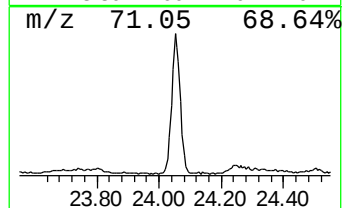
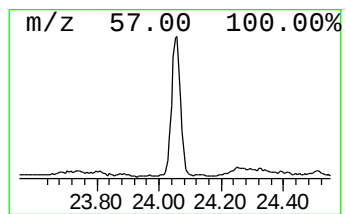
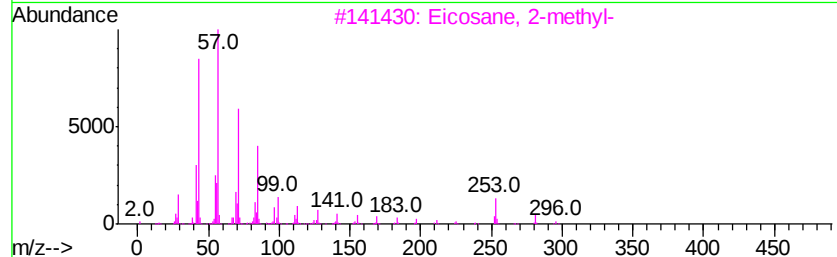
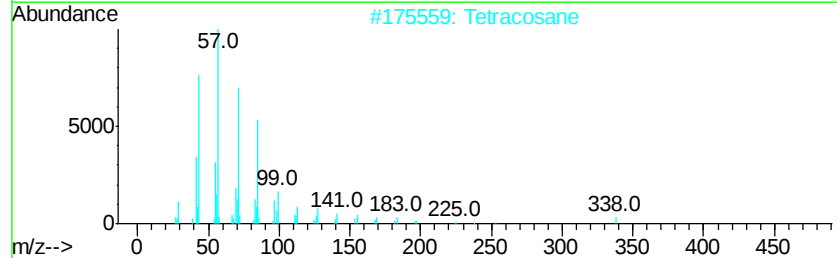
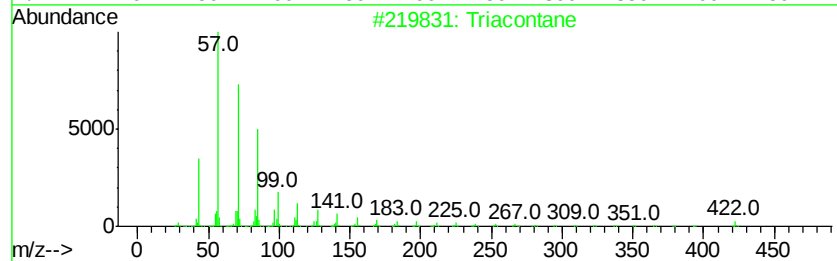
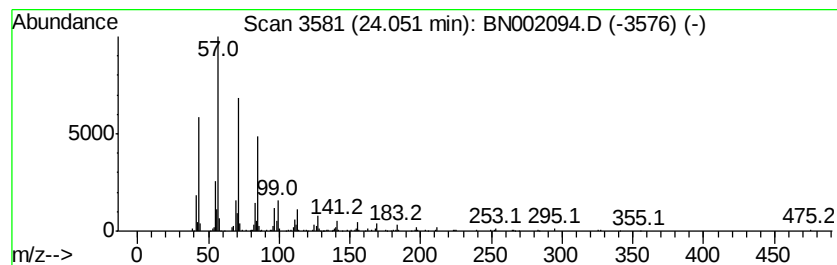
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.05	2.90 ng/ul	529623	Perylene-d12	23.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
4		Hentriacontane	437	C31H64	000630-04-6	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072018\
Data File : BN002094.D
Acq On : 20 Jul 2018 11:23
Operator : JU/SJ
Sample : J4039-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB1P6

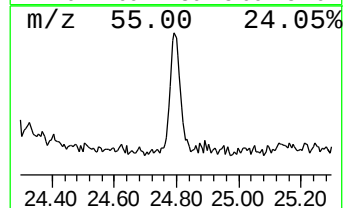
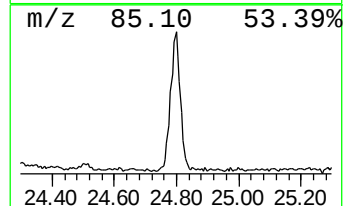
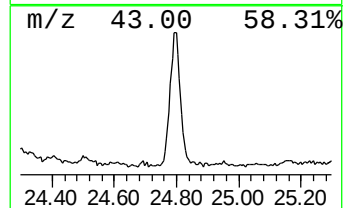
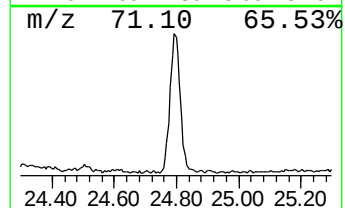
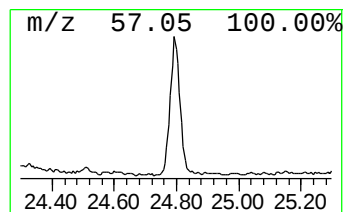
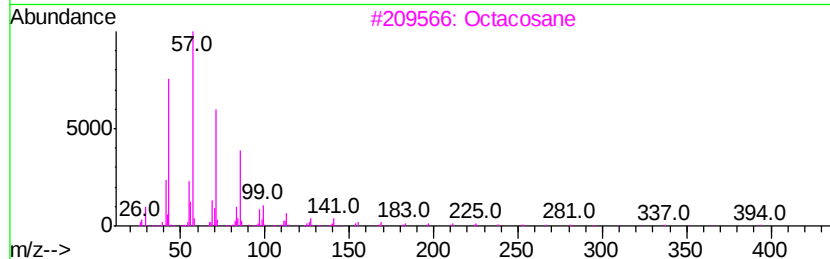
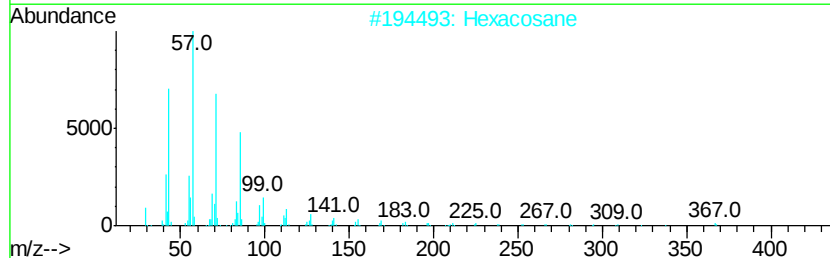
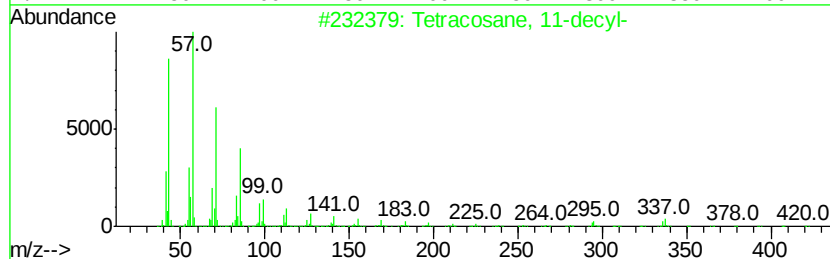
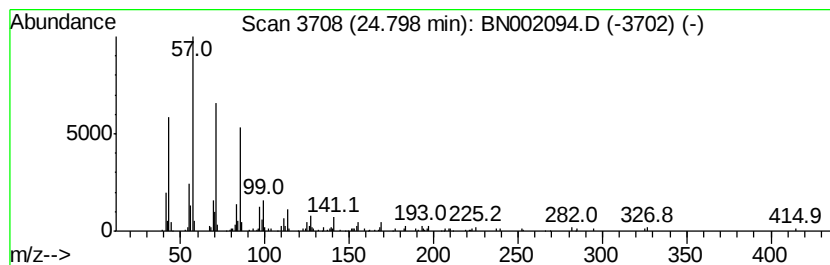
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

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.
24.80	2.18 ng/ul	398447	Perylene-d12	23.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Octacosane	394	C28H58	000630-02-4	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072018\
Data File : BN002094.D
Acq On : 20 Jul 2018 11:23
Operator : JU/SJ
Sample : J4039-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB1P6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.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
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unknown-02	11.06	2.3	ng/ul	244282	2	10.48	2140150	20.0
Phospholane	11.30	3.6	ng/ul	389407	2	10.48	2140150	20.0
n-Hexadecanoic acid	17.99	2.1	ng/ul	384446	4	17.08	3635170	20.0
1-Heneicosanol	21.06	5.7	ng/ul	1180120	5	21.28	4147030	20.0
(DEL) Alkane: Str...	22.85	2.3	ng/ul	418970	6	23.51	3658690	20.0
(DEL) Alkane: Str...	24.05	2.9	ng/ul	529623	6	23.51	3658690	20.0
(DEL) Alkane: Str...	24.80	2.2	ng/ul	398447	6	23.51	3658690	20.0