

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071918\
 Data File : BN002082.D
 Acq On : 19 Jul 2018 21:16
 Operator : JU/SJ
 Sample : J4023-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB1K8

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	6.881	654	662	675	rBV	591503	1057388	3.03%	1.074%
2	7.040	682	689	701	rBV	492243	761037	2.18%	0.773%
3	7.240	716	723	735	rVB	610510	998401	2.86%	1.014%
4	7.699	794	801	809	rBV	967409	1521831	4.36%	1.546%
5	8.405	914	921	935	rBV	774095	1295640	3.71%	1.317%
6	8.846	988	996	1007	rBV	614838	1029844	2.95%	1.046%
7	9.563	1111	1118	1127	rBV	516155	852904	2.44%	0.867%
8	10.099	1202	1209	1220	rBV	797608	1375997	3.94%	1.398%
9	10.475	1265	1273	1281	rBV	1419346	2410437	6.90%	2.449%
10	10.610	1288	1296	1308	rBV	724920	1263699	3.62%	1.284%
11	13.746	1822	1829	1833	rBV	1621921	2239219	6.41%	2.275%
12	13.793	1833	1837	1845	rVB	723834	992043	2.84%	1.008%
13	14.022	1869	1876	1884	rBV	1753742	2627191	7.52%	2.670%
14	14.334	1922	1929	1937	rBV2	2211624	3396457	9.73%	3.451%
15	14.546	1959	1965	1980	rBV	525455	922323	2.64%	0.937%
16	15.328	2092	2098	2111	rVB	2349127	3326018	9.52%	3.380%
17	15.451	2113	2119	2133	rVV	677535	933449	2.67%	0.948%
18	17.081	2389	2396	2403	rBV	2879236	4091869	11.72%	4.158%
19	17.181	2406	2413	2422	rVV	2540987	3656353	10.47%	3.715%
20	18.857	2693	2698	2728	rBV	21219069	34922052	100.00%	35.485%
21	19.481	2796	2804	2811	rVB	3045835	4249549	12.17%	4.318%
22	19.616	2822	2827	2835	rVB	1705502	2081788	5.96%	2.115%
23	20.057	2896	2902	2917	rBV5	124288	503999	1.44%	0.512%
24	20.175	2917	2922	2927	rVB	2618173	2913523	8.34%	2.960%
25	20.692	3005	3010	3016	rBV	1285718	1425655	4.08%	1.449%
26	21.169	3087	3091	3096	rBV	1120702	1300844	3.72%	1.322%
27	21.280	3104	3110	3116	rBV	3621743	4647622	13.31%	4.723%
28	22.345	3286	3291	3296	rBV	255125	353558	1.01%	0.359%
29	22.469	3307	3312	3318	rBV	649091	870499	2.49%	0.885%
30	22.851	3372	3377	3383	rVB	570156	829691	2.38%	0.843%
31	23.369	3458	3465	3470	rBV	2140124	4022875	11.52%	4.088%
32	23.516	3482	3490	3501	rVB	2333140	4407668	12.62%	4.479%
33	24.057	3577	3582	3590	rVB	396592	697796	2.00%	0.709%
34	24.798	3703	3708	3716	rVB2	222898	434236	1.24%	0.441%

LSC Area Percent Report

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DB1K8

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

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

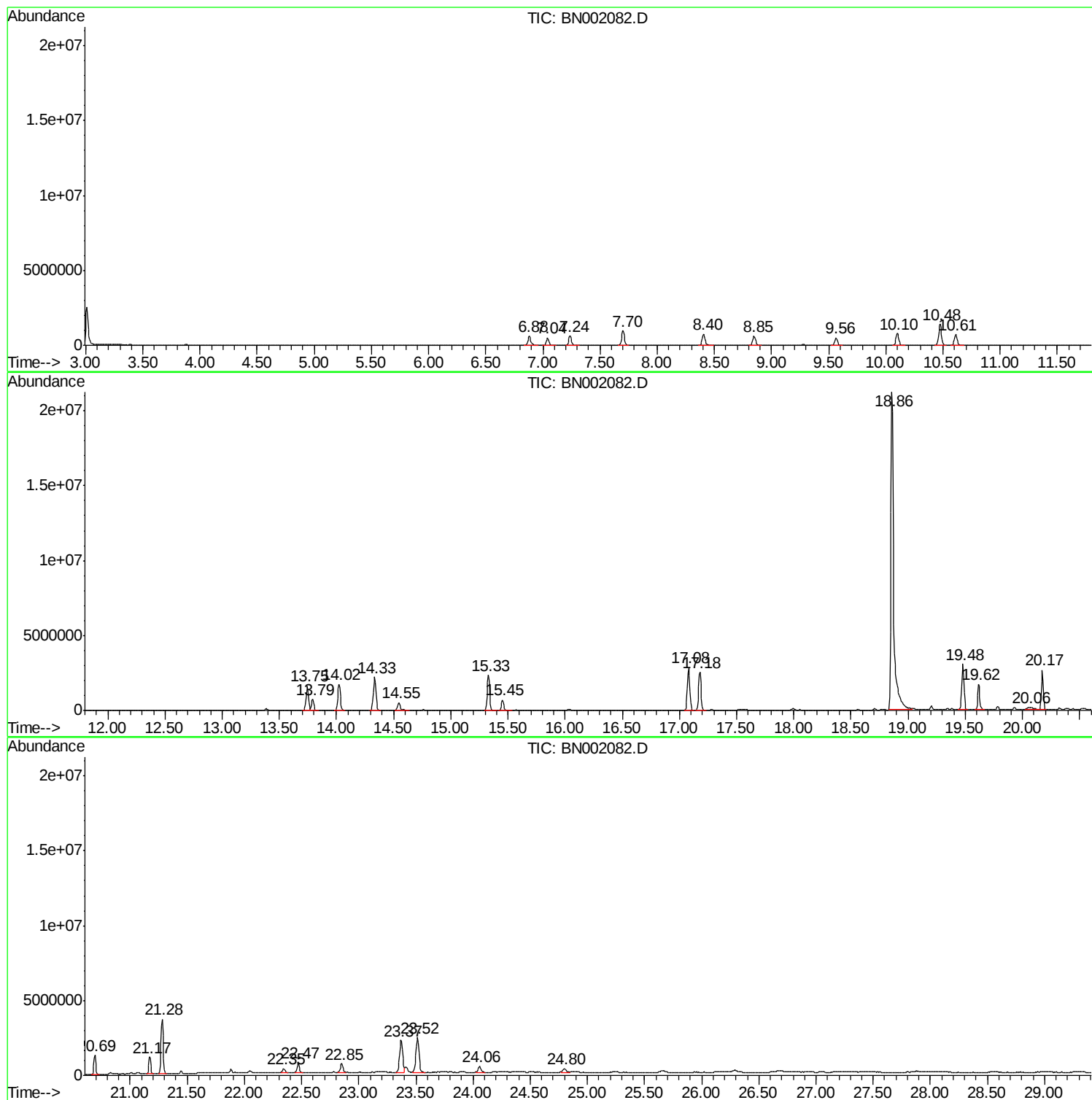
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

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



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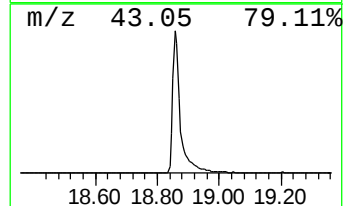
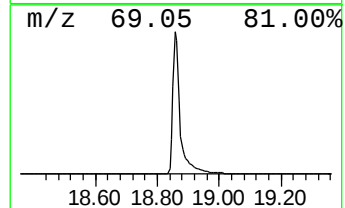
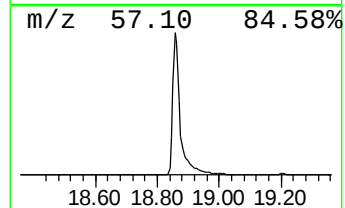
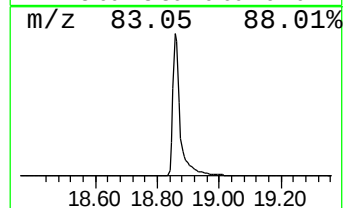
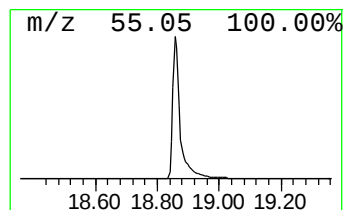
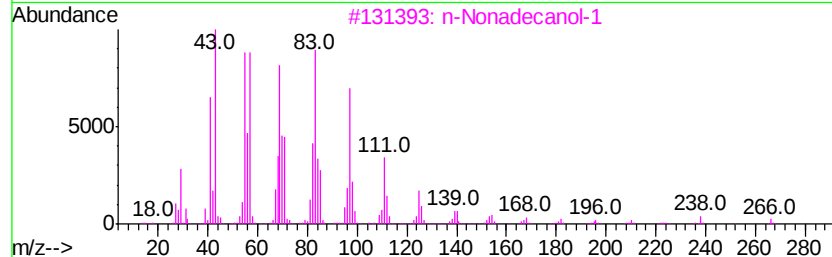
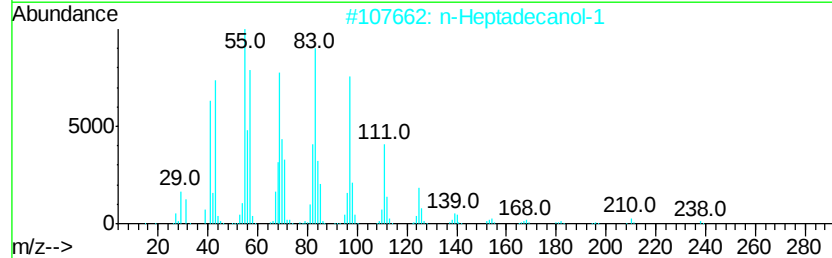
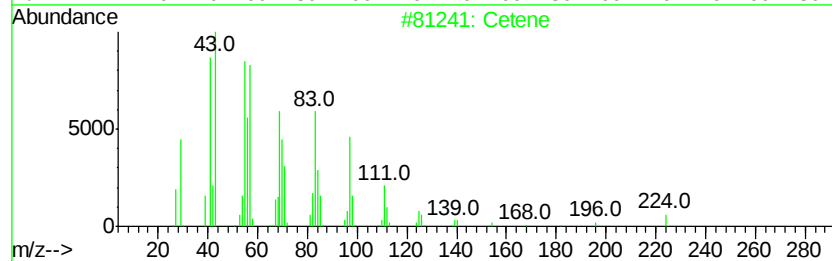
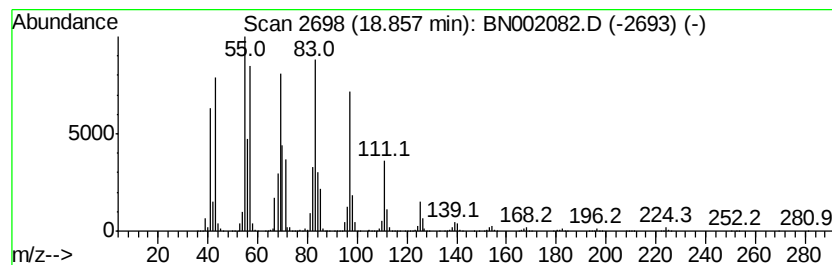
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic18.86 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	170.69 ng/ul	34922100	Phenanthrene-d10	17.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cetene	224	C16H32	000629-73-2	98
2		n-Heptadecanol-1	256	C17H36O	001454-85-9	95
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4		Cyclotetradecane	196	C14H28	000295-17-0	94
5		1-Hexadecanol	242	C16H34O	036653-82-4	94



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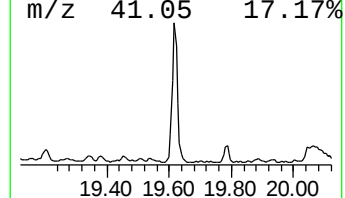
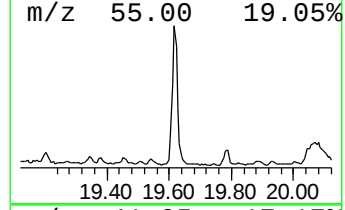
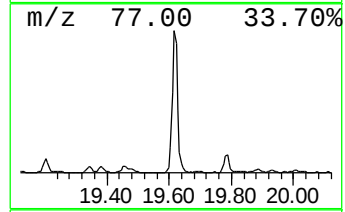
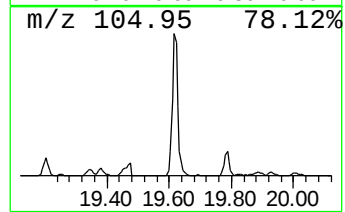
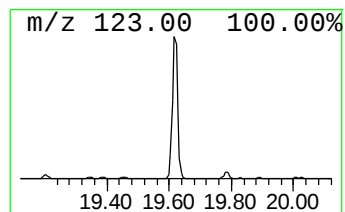
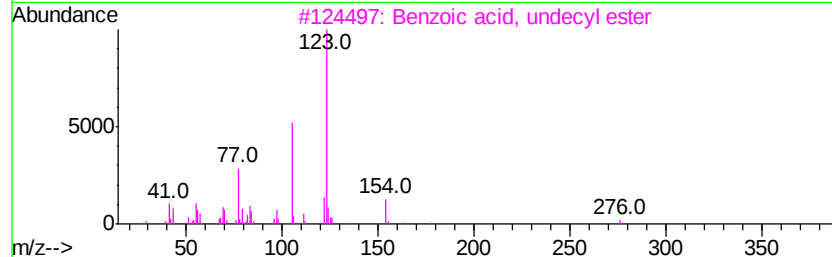
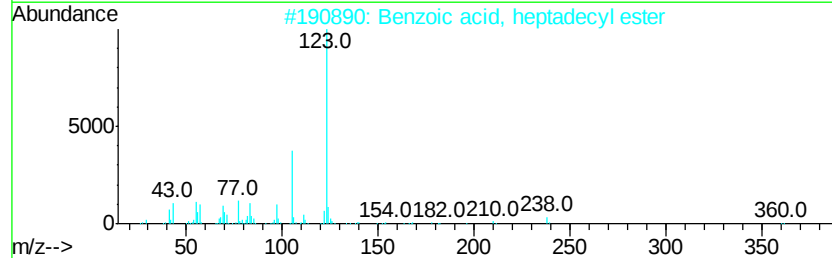
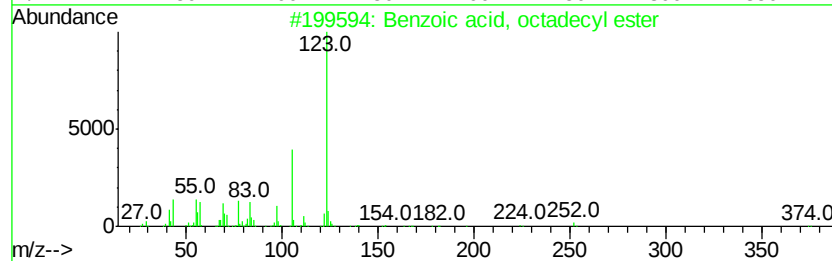
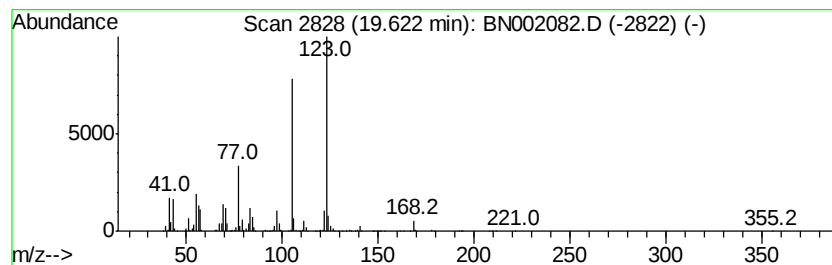
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzoic acid, octadecyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	8.96 ng/ul	2081790	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, octadecyl ester	374	C25H42O2	1000340-23-1	87
2		Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	86
3		Benzoic acid, undecyl ester	276	C18H28O2	006316-30-9	83
4		2,6-Pyridinedicarboxylic acid	167	C7H5NO4	000499-83-2	72
5		Benzoic acid, eicosyl ester	402	C27H46O2	1000340-23-3	72



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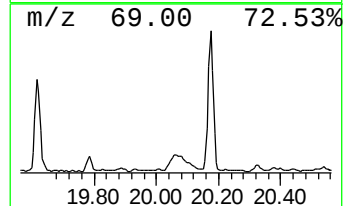
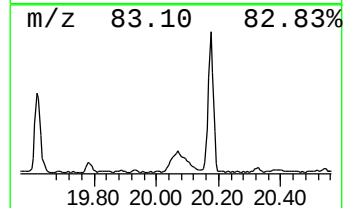
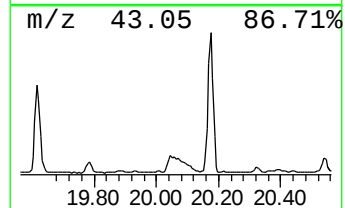
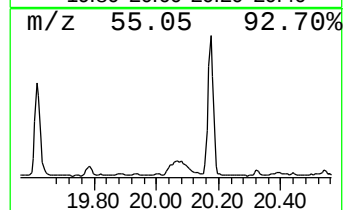
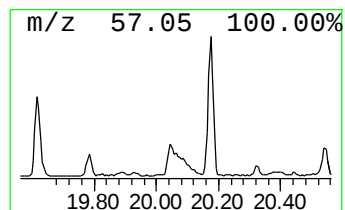
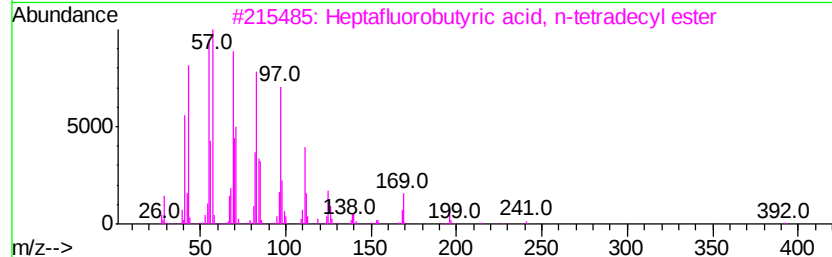
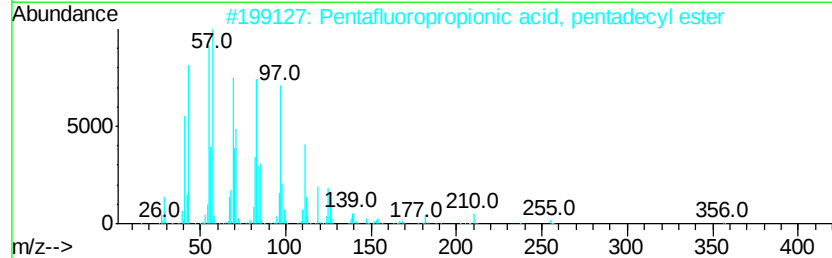
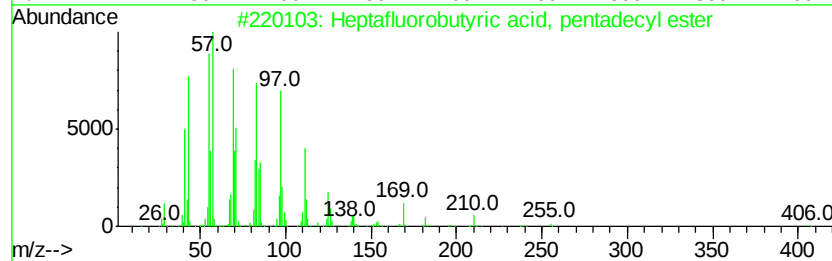
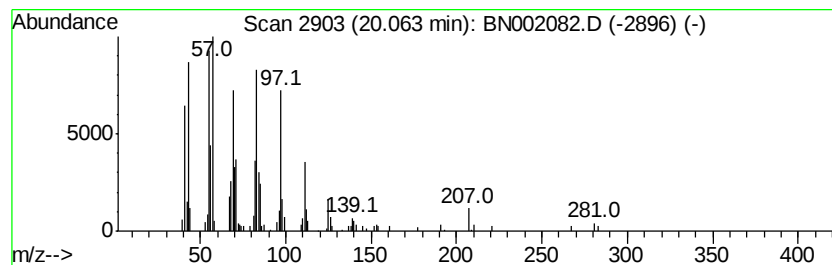
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptafluorobutyric acid, pe... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	2.17 ng/ul	503999	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
4		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94
5		Cyclopentadecane	210	C15H30	000295-48-7	93



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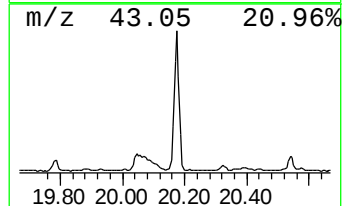
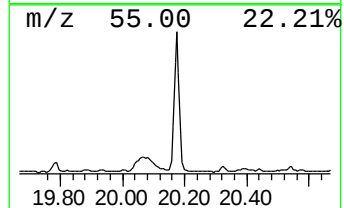
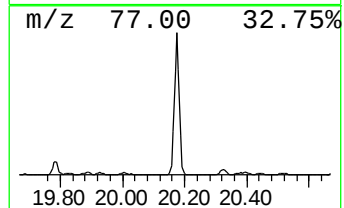
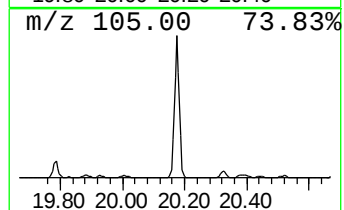
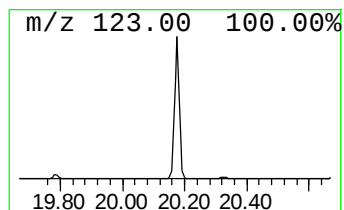
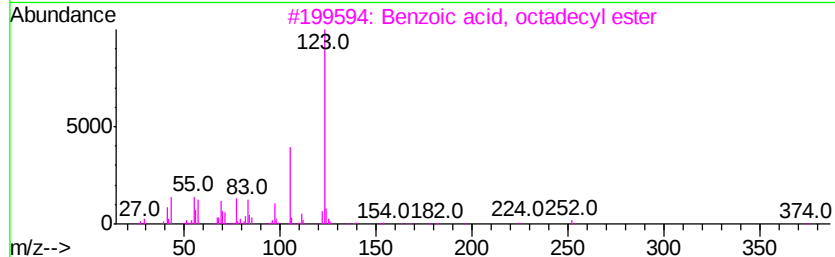
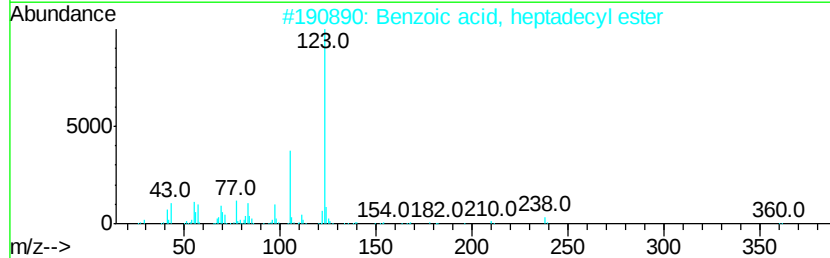
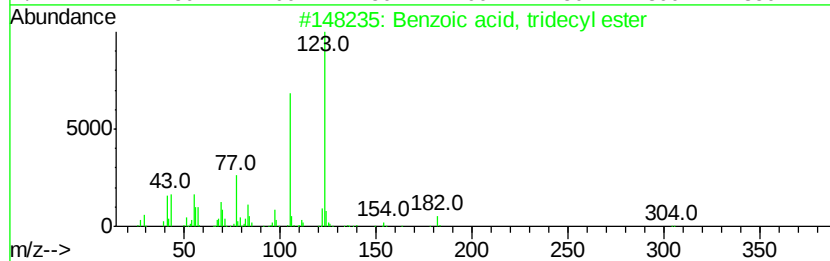
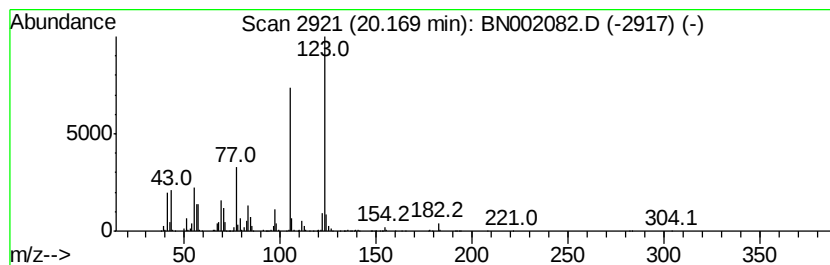
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzoic acid, tridecyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	12.54 ng/ul	2913520	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, tridecyl ester	304	C20H32O2	1000340-22-6	91
2		Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	91
3		Benzoic acid, octadecyl ester	374	C25H42O2	1000340-23-1	87
4		Benzoic acid, eicosyl ester	402	C27H46O2	1000340-23-3	87
5		Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	86



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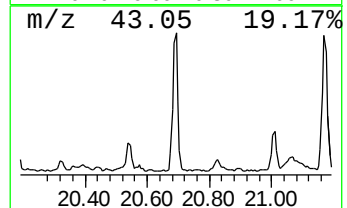
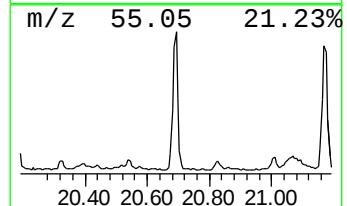
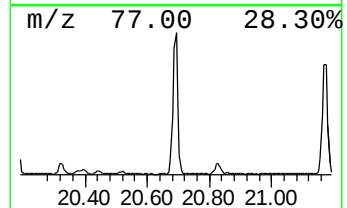
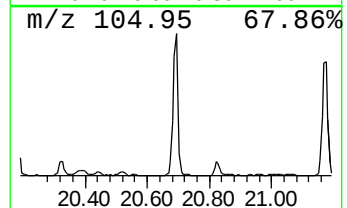
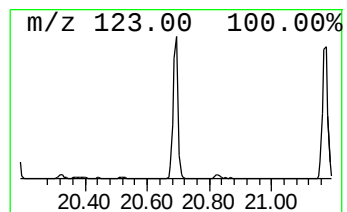
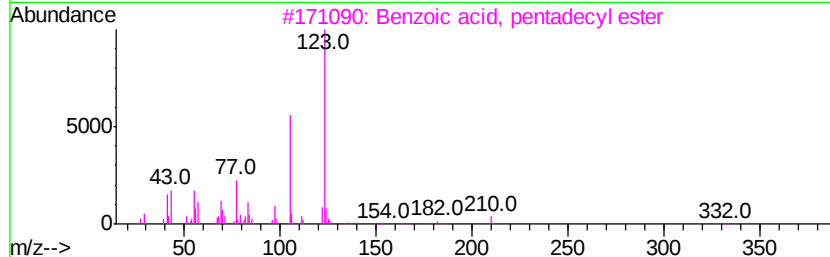
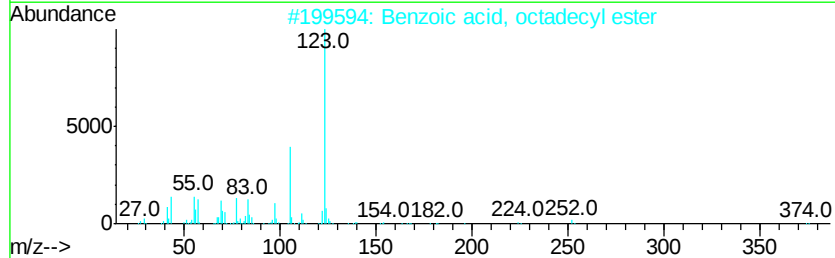
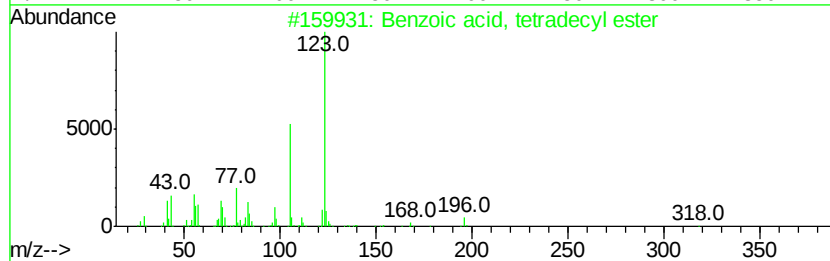
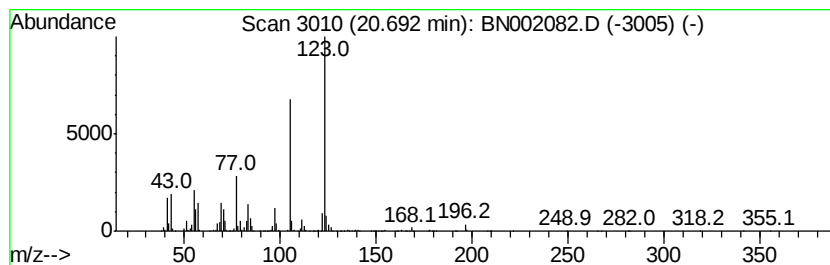
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TIC Library : C:\Database\NIST11.L
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Peak Number 5 Benzoic acid, tetradecyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	6.13 ng/ul	1425660	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	96
2		Benzoic acid, octadecyl ester	374	C25H42O2	1000340-23-1	91
3		Benzoic acid, pentadecyl ester	332	C22H36O2	1000340-22-8	91
4		Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	91
5		Benzoic acid, tridecyl ester	304	C20H32O2	1000340-22-6	91



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ClientSampleId :
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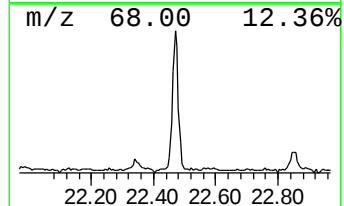
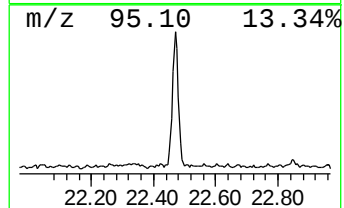
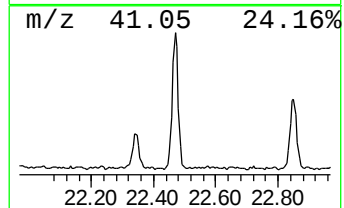
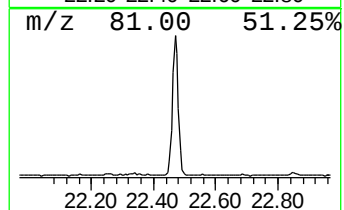
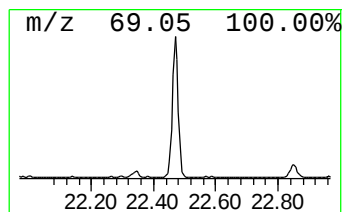
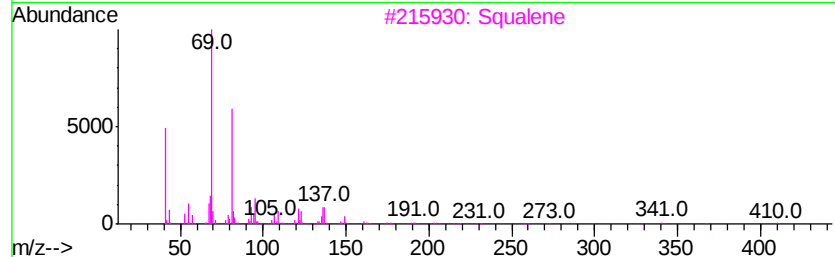
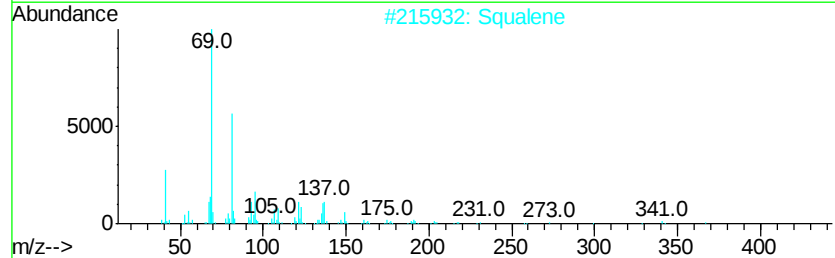
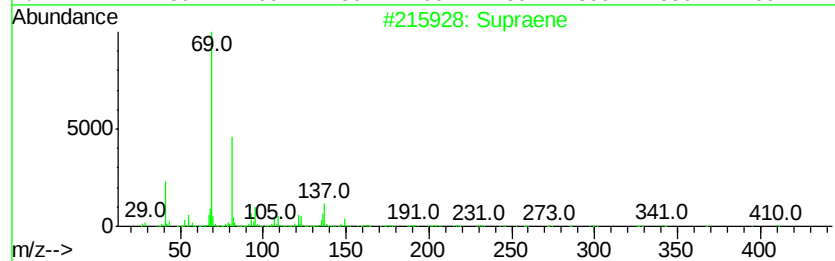
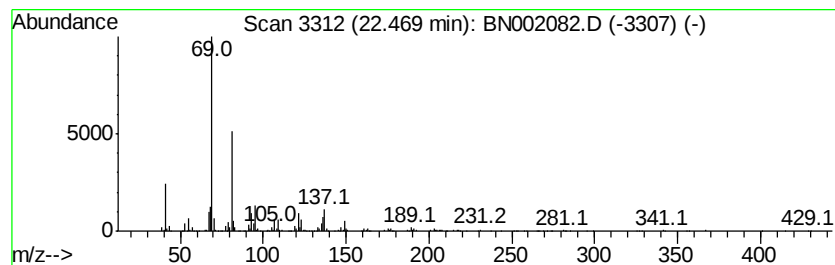
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Supraene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	3.95 ng/ul	870499	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	000111-02-4	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\BN071918\
Data File : BN002082.D
Acq On : 19 Jul 2018 21:16
Operator : JU/SJ
Sample : J4023-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB1K8

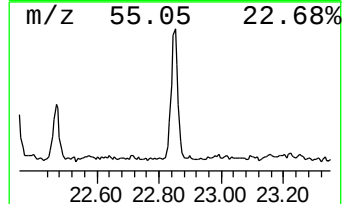
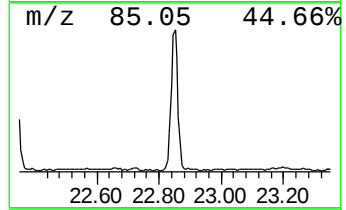
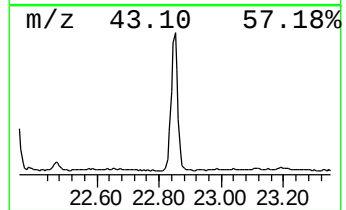
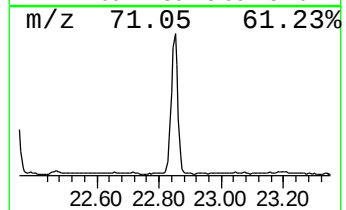
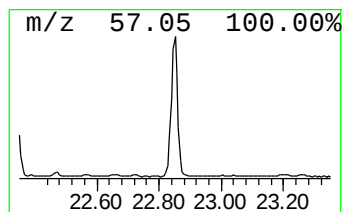
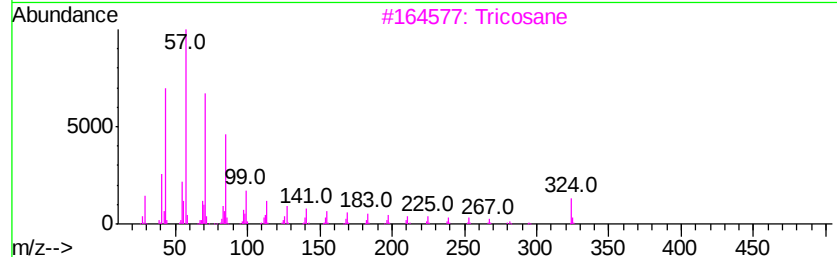
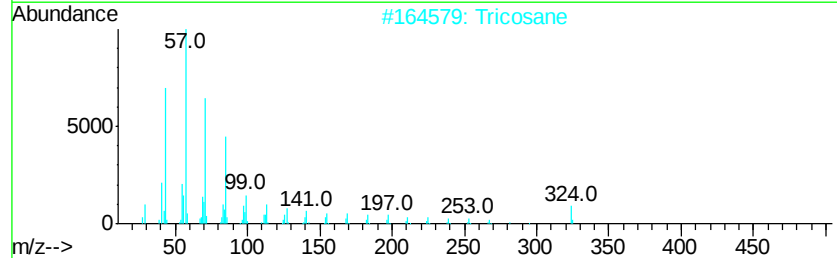
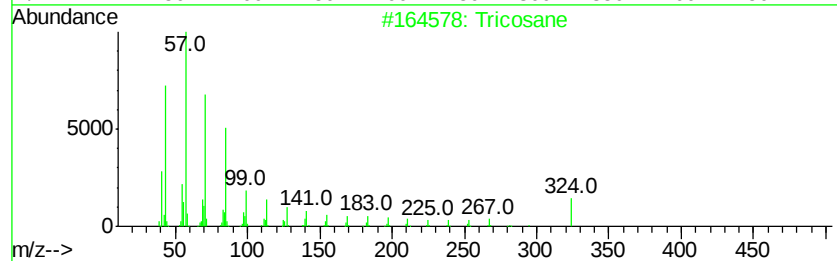
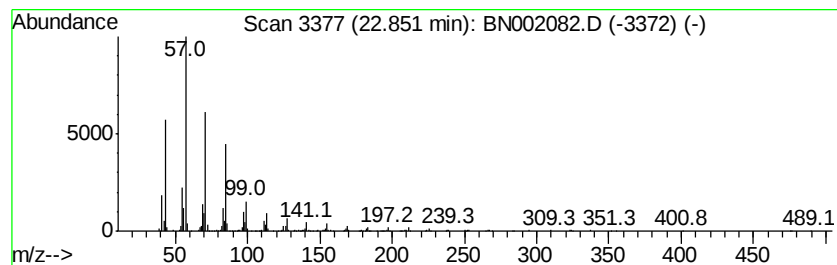
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	3.76 ng/ul	829691	Perylene-d12	23.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane	324	C23H48	000638-67-5	95
2			Tricosane	324	C23H48	000638-67-5	95
3			Tricosane	324	C23H48	000638-67-5	94
4			Pentacosane	352	C25H52	000629-99-2	90
5			Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071918\
Data File : BN002082.D
Acq On : 19 Jul 2018 21:16
Operator : JU/SJ
Sample : J4023-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB1K8

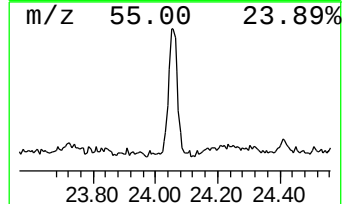
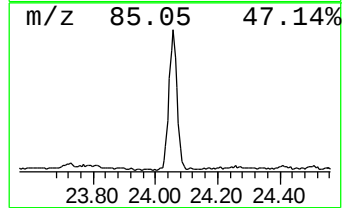
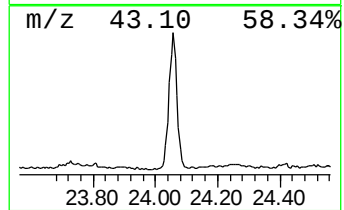
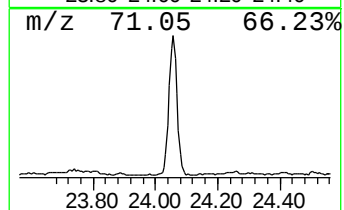
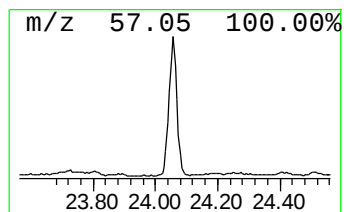
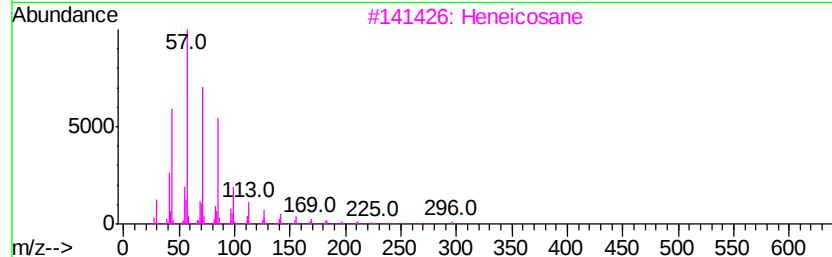
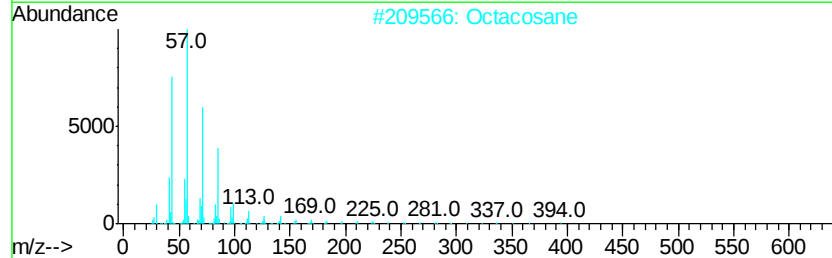
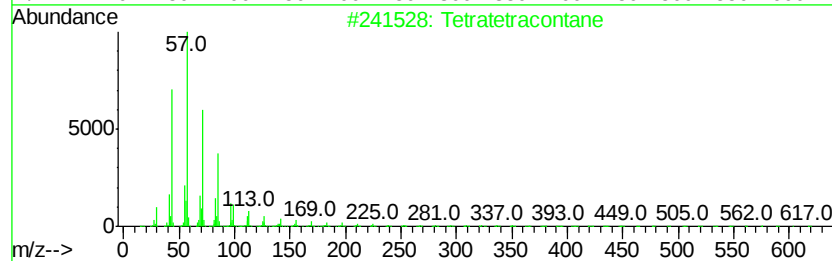
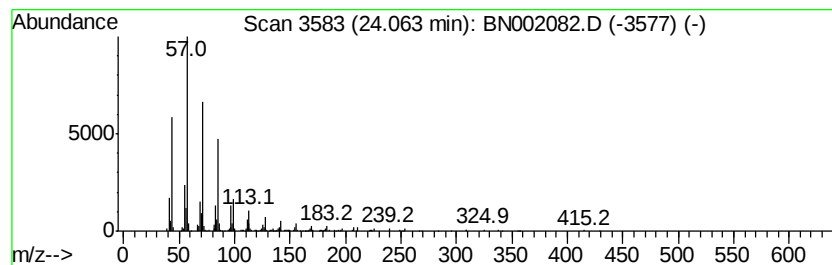
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	3.17 ng/ul	697796	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071918\
Data File : BN002082.D
Acq On : 19 Jul 2018 21:16
Operator : JU/SJ
Sample : J4023-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB1K8

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
(DEL) Alkane: Cyc...	18.86	170.7	ng/ul	34922100	4	17.08	4091870	20.0
Benzoic acid, oct...	19.62	9.0	ng/ul	2081790	5	21.28	4647620	20.0
Heptafluorobutyri...	20.06	2.2	ng/ul	503999	5	21.28	4647620	20.0
Benzoic acid, tri...	20.17	12.5	ng/ul	2913520	5	21.28	4647620	20.0
Benzoic acid, tet...	20.69	6.1	ng/ul	1425660	5	21.28	4647620	20.0
Supraene	22.47	4.0	ng/ul	870499	6	23.52	4407670	20.0
(DEL) Alkane: Str...	22.85	3.8	ng/ul	829691	6	23.52	4407670	20.0
(DEL) Alkane: Str...	24.06	3.2	ng/ul	697796	6	23.52	4407670	20.0