

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
 Data File : BM021027.D
 Acq On : 19 Jun 2019 00:22
 Operator : HP/JU
 Sample : K3332-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4229

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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	3.034	3	8	27	rVB	1700008	2264632	3.49%	1.460%
2	6.952	668	674	685	rBV	717266	1148013	1.77%	0.740%
3	7.128	697	704	714	rBV	488786	762241	1.17%	0.491%
4	7.316	730	736	746	rVB	673751	1077067	1.66%	0.694%
5	7.787	809	816	823	rBV	840837	1322954	2.04%	0.853%
6	8.487	927	935	947	rBV	924245	1499486	2.31%	0.967%
7	8.946	1006	1013	1023	rBV	648122	1098389	1.69%	0.708%
8	9.663	1127	1135	1146	rBV	590562	986330	1.52%	0.636%
9	10.193	1217	1225	1240	rBV	1027509	1728497	2.66%	1.114%
10	10.575	1283	1290	1300	rBV	1228345	2041242	3.14%	1.316%
11	10.722	1308	1315	1328	rBV	761085	1406668	2.17%	0.907%
12	12.110	1544	1551	1558	rBV	70375	124209	0.19%	0.080%
13	13.839	1836	1845	1849	rBV	2135111	2994666	4.61%	1.931%
14	13.886	1849	1853	1860	rVB	367627	523801	0.81%	0.338%
15	14.116	1886	1892	1903	rVB	2189631	3216960	4.96%	2.074%
16	14.428	1938	1945	1955	rVB2	1942935	3044370	4.69%	1.963%
17	14.628	1973	1979	1995	rBV	679588	1088380	1.68%	0.702%
18	15.422	2107	2114	2122	rBV	3010739	4340109	6.69%	2.798%
19	15.545	2128	2135	2150	rBV	658306	977089	1.51%	0.630%
20	17.174	2405	2412	2417	rBV2	2433333	3573015	5.50%	2.303%
21	17.269	2422	2428	2440	rVB	3266413	4626413	7.13%	2.982%
22	18.057	2557	2562	2567	rBV	166961	217664	0.34%	0.140%
23	19.227	2758	2761	2767	rVB	62940	93591	0.14%	0.060%
24	19.339	2776	2780	2785	rBV3	70171	93639	0.14%	0.060%
25	19.563	2812	2818	2832	rBV	4031209	5559630	8.56%	3.584%
26	20.004	2859	2893	2944	rBV3	2587455	25623131	39.47%	16.518%
27	21.057	3068	3072	3081	rBV	466745	650983	1.00%	0.420%
28	21.351	3116	3122	3127	rBV	2825981	3661359	5.64%	2.360%
29	21.492	3143	3146	3150	rBV	169744	179000	0.28%	0.115%
30	21.933	3218	3221	3229	rVB2	214412	299724	0.46%	0.193%
31	22.309	3273	3285	3297	rBV6	650147	3137872	4.83%	2.023%
32	22.398	3298	3300	3307	rVB	320420	438391	0.68%	0.283%
33	22.915	3384	3388	3393	rVB	323607	451258	0.70%	0.291%
34	23.480	3477	3484	3500	rVB	2984186	5854401	9.02%	3.774%

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Misc :
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Instrument :
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ClientSampleId :
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Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : OFF
Sampling : 1
Start Thrs: 0.2
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Filtering: 5
Min Area: 0.1 % of largest Peak
Max Peaks: 100
Peak Location: TOP

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Peak separation: 5

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35	23.621	3502	3508	3519	rVB	1881938	3662029	5.64%	2.361%
36	24.145	3594	3597	3604	rVB	241465	434158	0.67%	0.280%
37	25.762	3840	3872	3913	rVB7	7053201	64922249	100.00%	41.852%

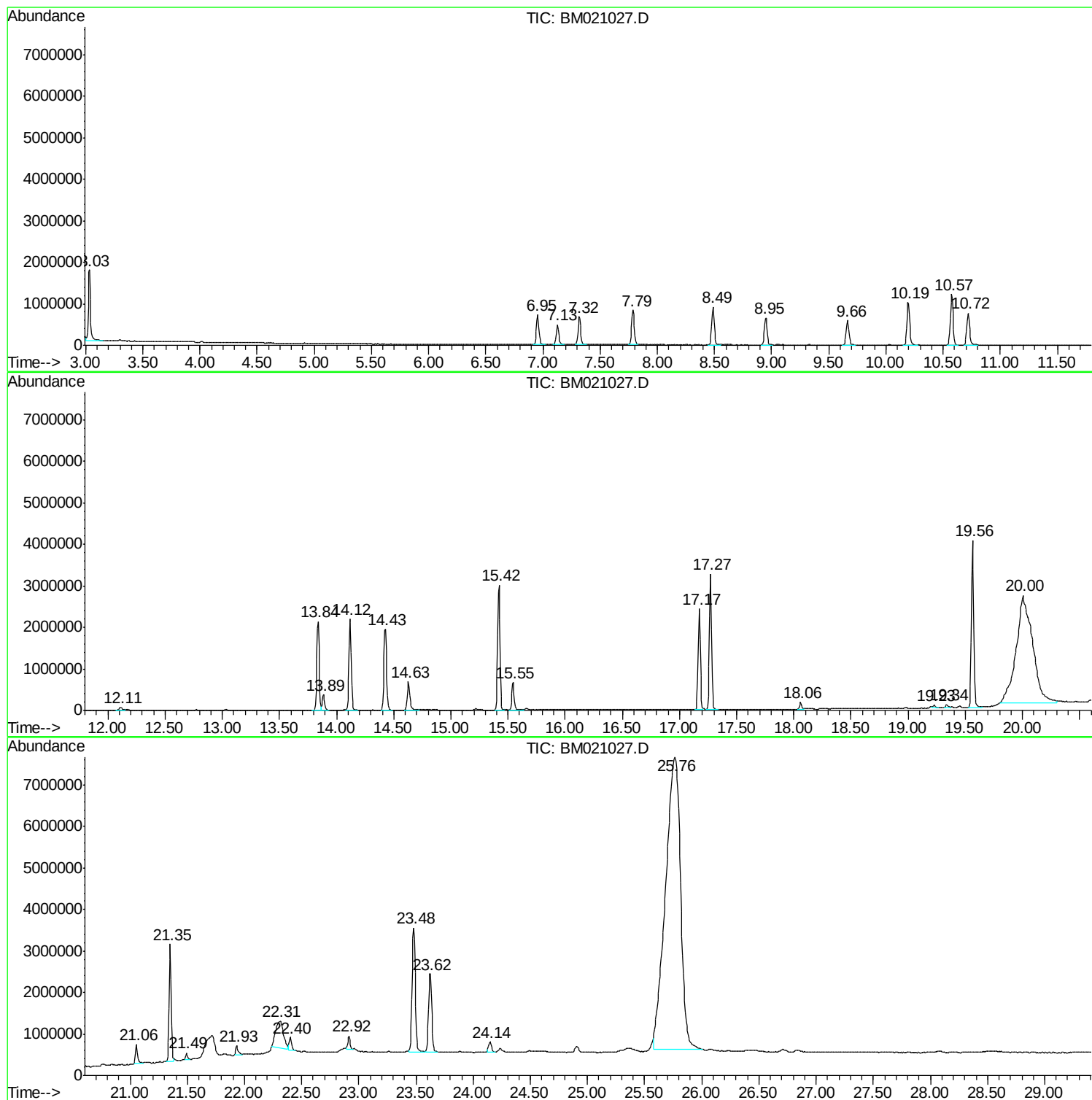
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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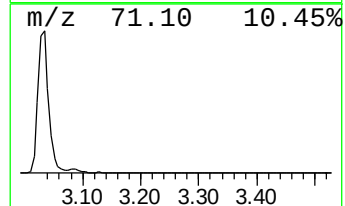
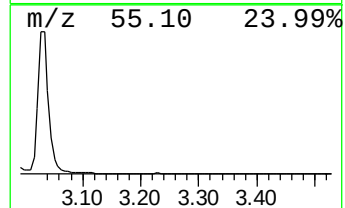
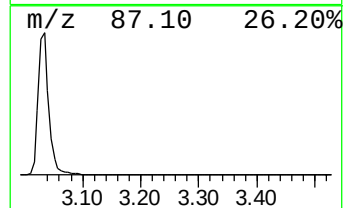
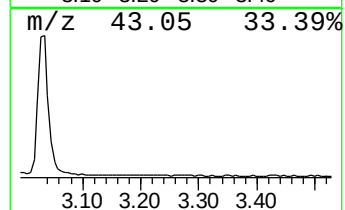
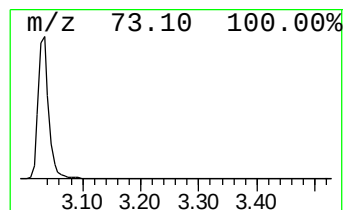
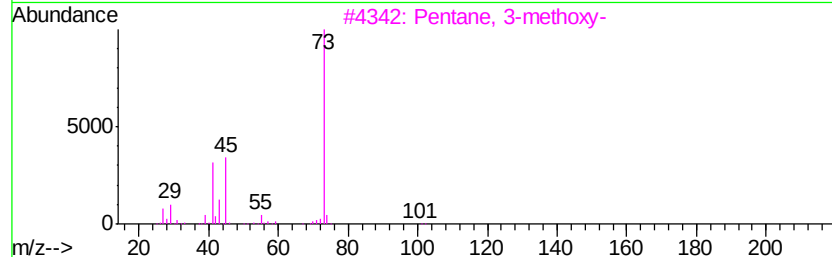
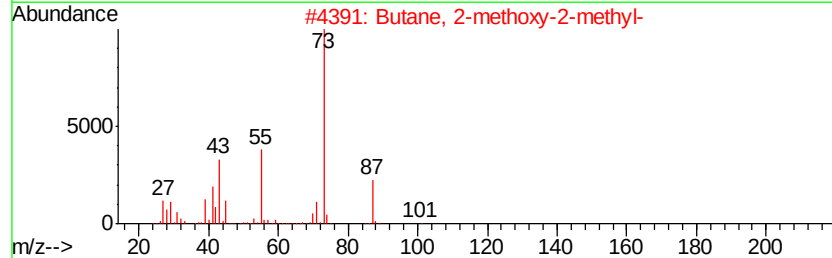
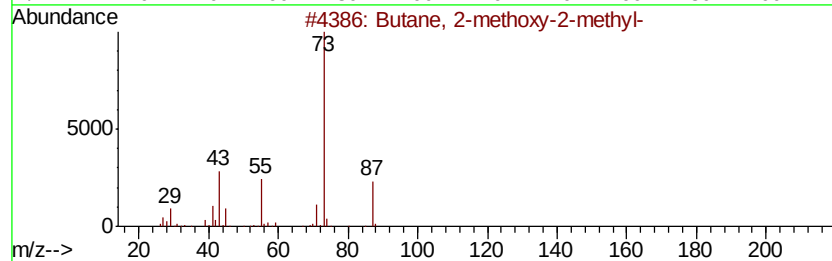
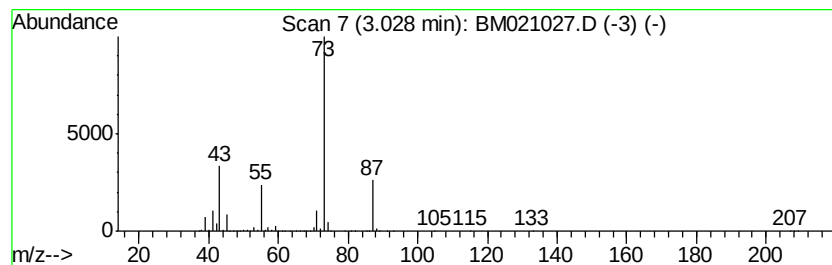
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	34.24 ng/ul	2264630	1,4-Dichlorobenzene-d4	7.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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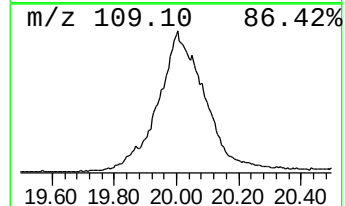
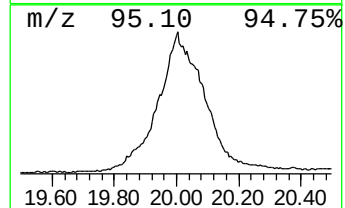
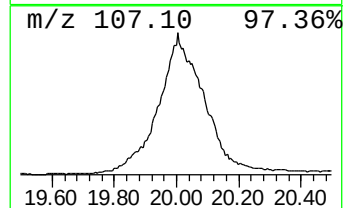
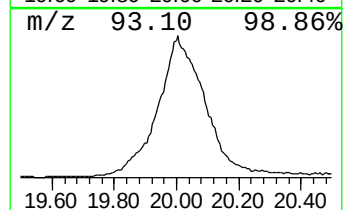
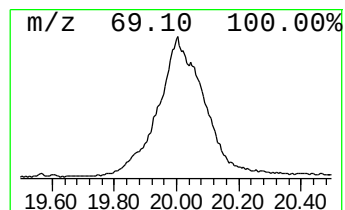
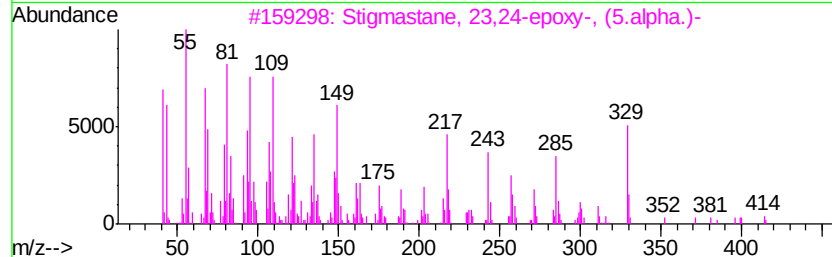
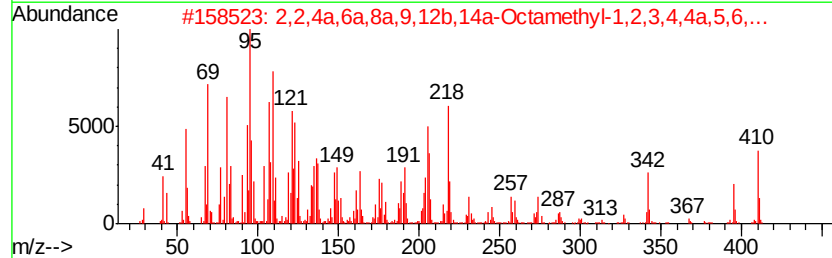
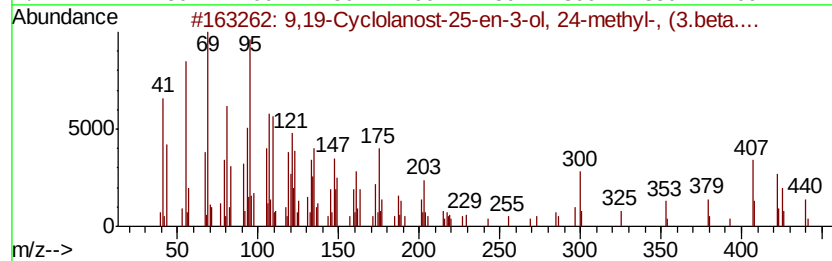
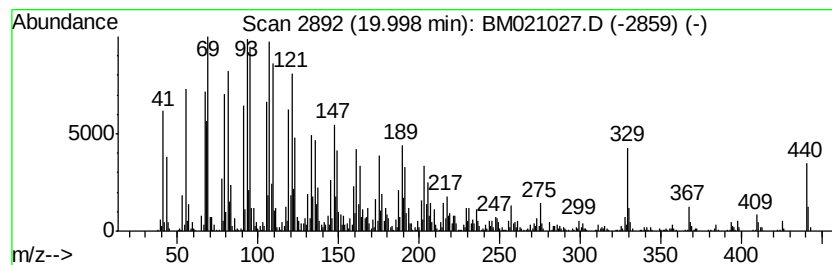
Instrument :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	139.97 ng/ul	25623100	Chrysene-d12	21.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9,19-Cyclolanost-25-en-3-ol, 24-...	440 C31H52O	000511-61-5	16
2	2,2,4a,6a,8a,9,12b,14a-Octamethy...	410 C30H50	053013-35-7	12
3	Stigmastane, 23,24-epoxy-, (5.alpha...	414 C29H50O	054411-91-5	12
4	Benzimidazole, 5-(4-methoxybenzy...	329 C21H19N3O	312532-07-3	10
5	1-Naphthalenecarboxylic acid, 5-...	330 C21H30O3	010267-15-9	9



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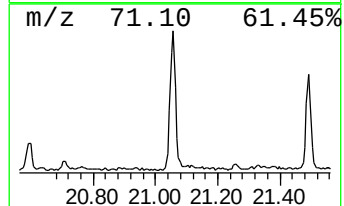
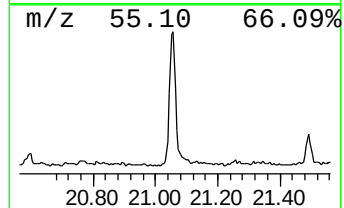
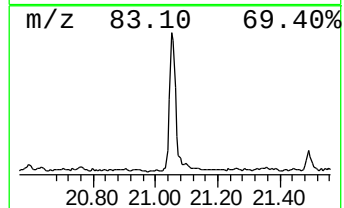
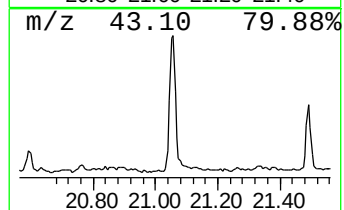
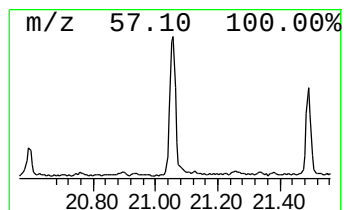
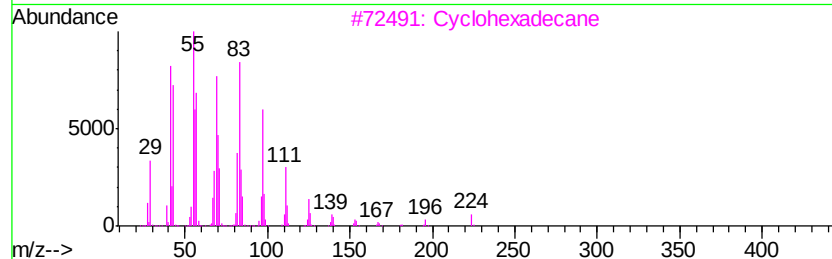
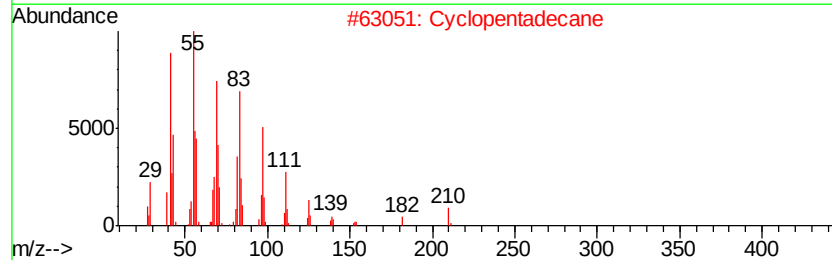
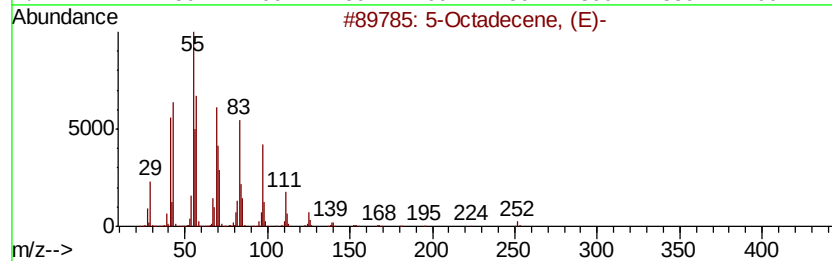
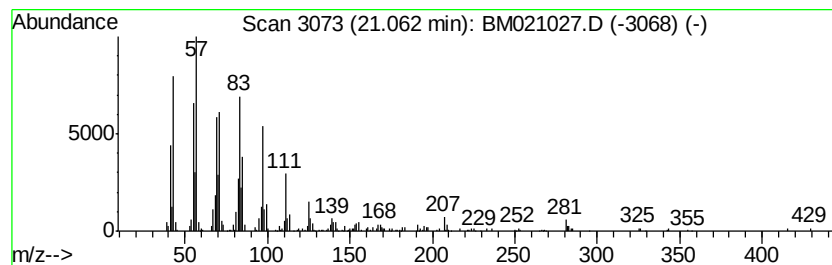
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic21.06 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	3.56 ng/ul	650983	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
2		Cyclopentadecane	210	C15H30	000295-48-7	93
3		Cyclohexadecane	224	C16H32	000295-65-8	93
4		Z-8-Hexadecene	224	C16H32	1000130-87-5	93
5		1-Octadecene	252	C18H36	000112-88-9	92



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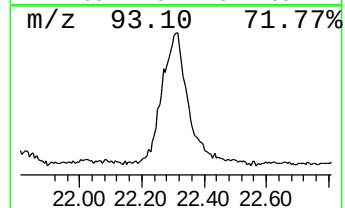
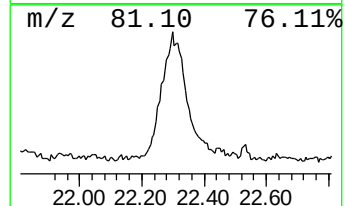
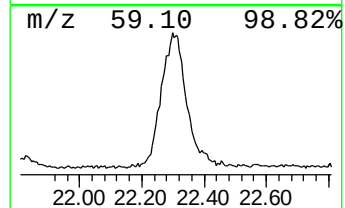
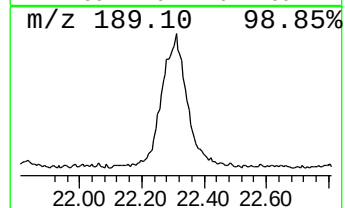
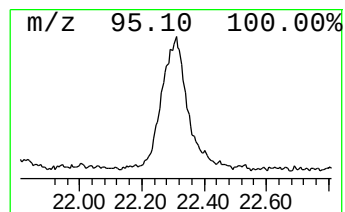
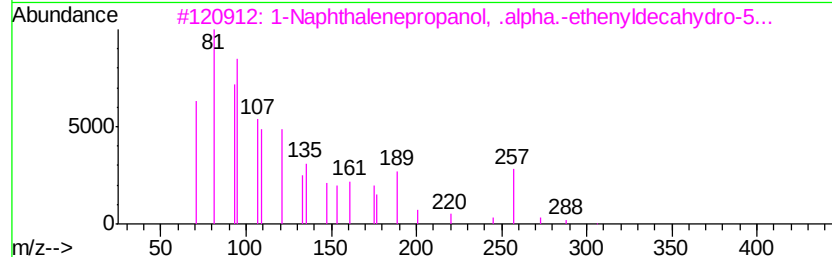
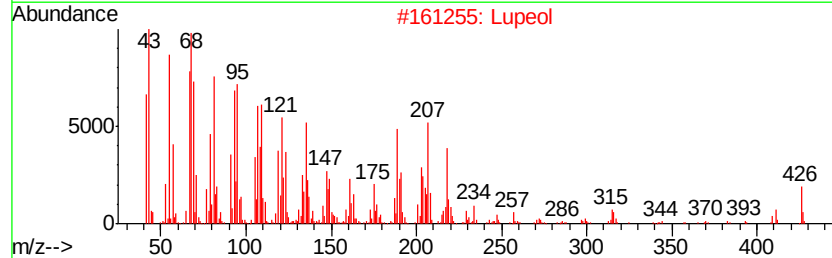
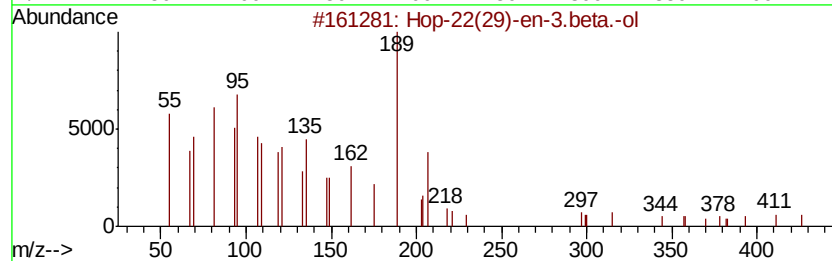
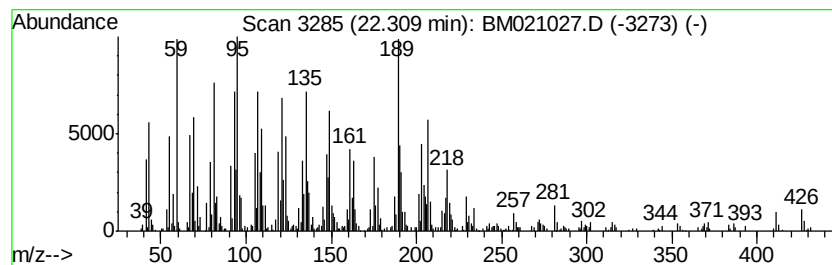
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.31	17.14 ng/ul	3137870	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	48
2		Lupeol	426	C30H50O	000545-47-1	44
3		1-Naphthalenepropanol, .alpha.-e...	306	C20H34O2	003650-30-4	38
4		Taraxasterol	426	C30H50O	001059-14-9	38
5		2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	25



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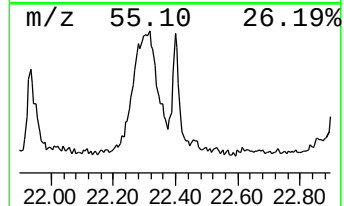
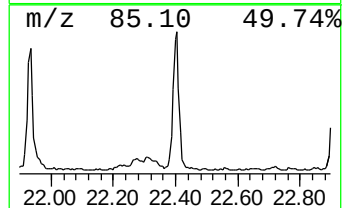
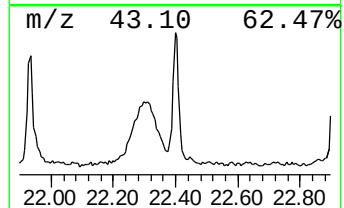
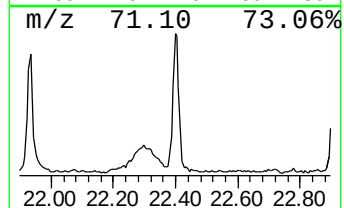
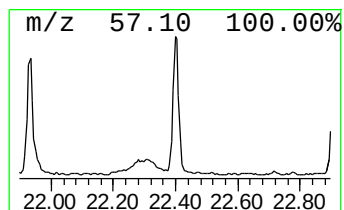
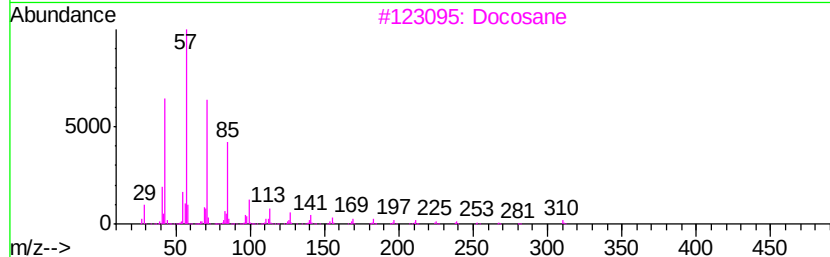
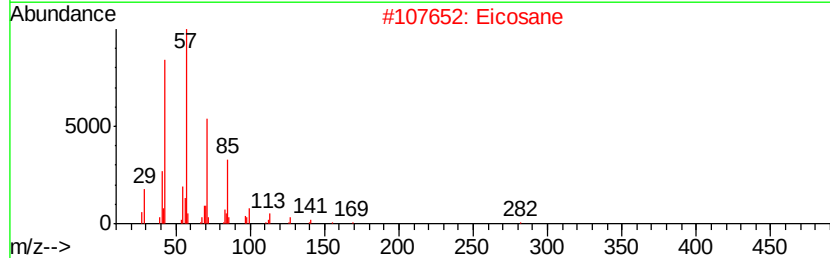
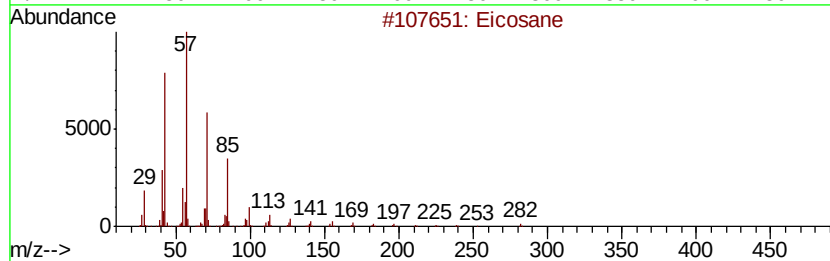
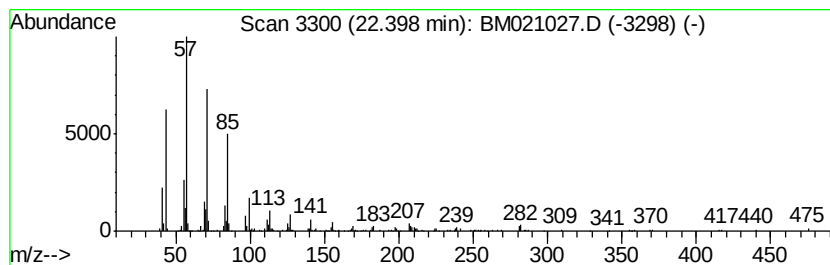
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	2.39 ng/ul	438391	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Eicosane	282	C20H42	000112-95-8	93
3		Docosane	310	C22H46	000629-97-0	87
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		Octacosane	394	C28H58	000630-02-4	87



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ClientSampleId :
A4229

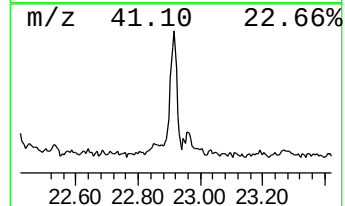
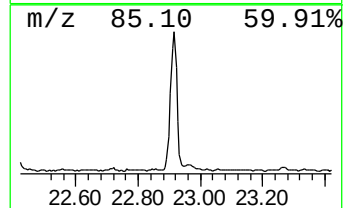
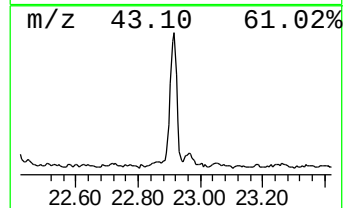
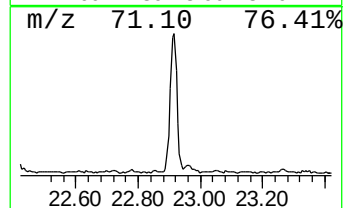
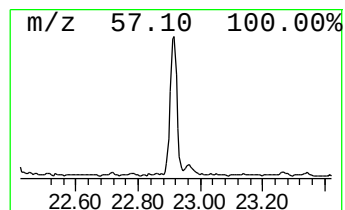
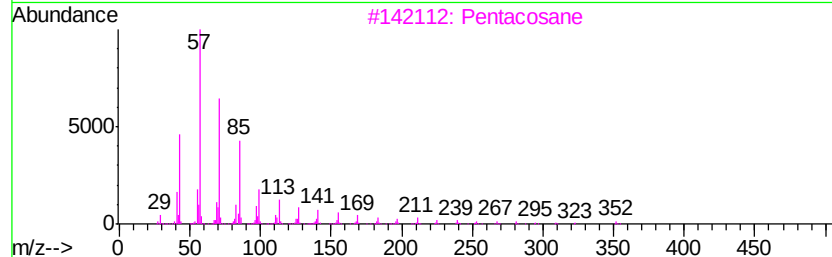
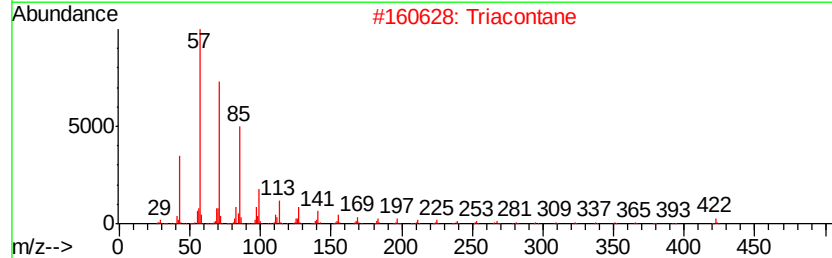
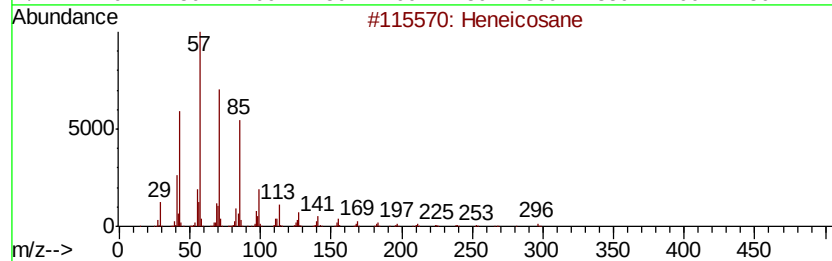
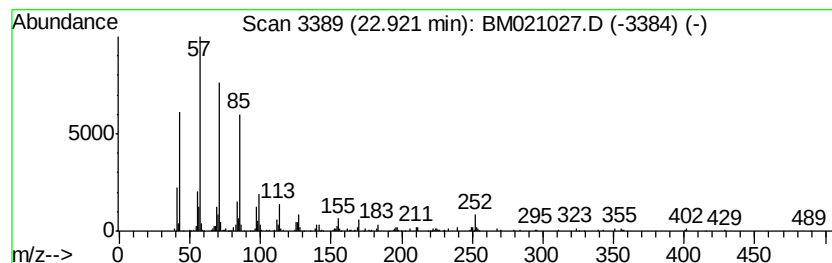
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.92	2.46 ng/ul	451258	Perylene-d12	23.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Triacotane	422	C30H62	000638-68-6	91
3		Pentacosane	352	C25H52	000629-99-2	91
4		Nonacosane	408	C29H60	000630-03-5	91
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021027.D
Acq On : 19 Jun 2019 00:22
Operator : HP/JU
Sample : K3332-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4229

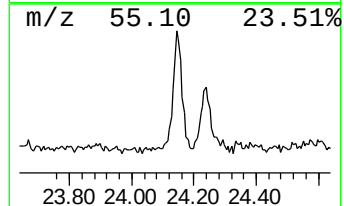
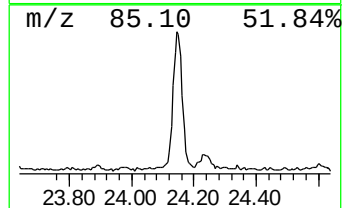
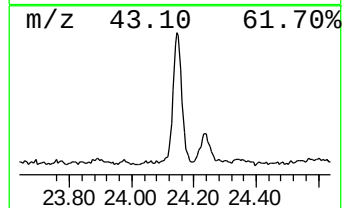
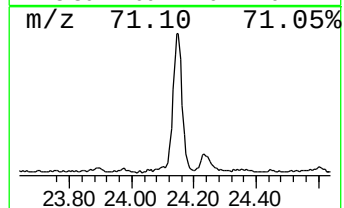
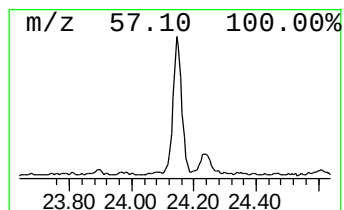
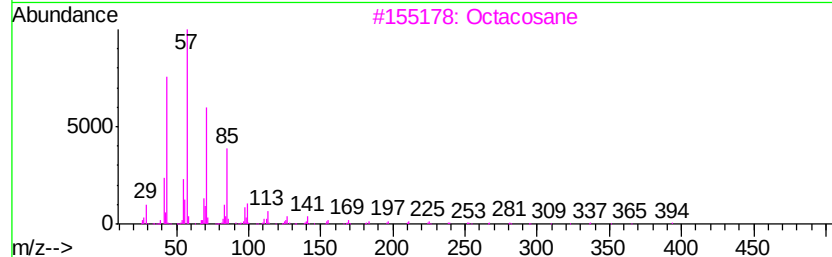
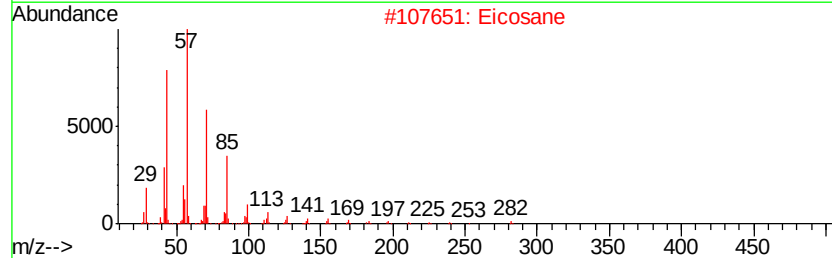
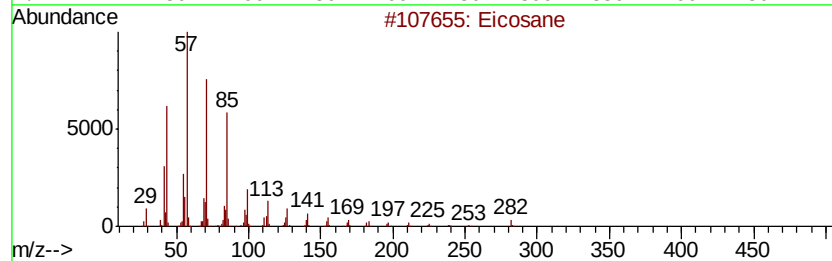
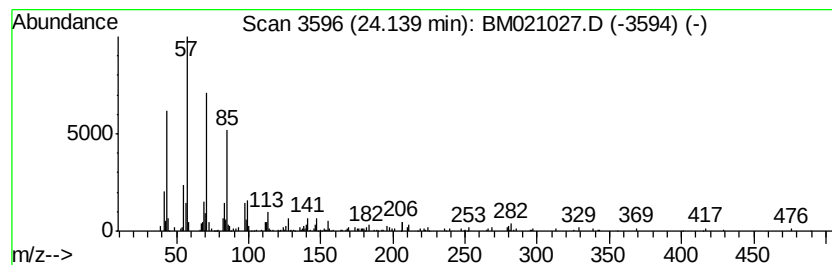
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	2.37 ng/ul	434158	Perylene-d12	23.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Eicosane	282	C20H42	000112-95-8	93
3		Octacosane	394	C28H58	000630-02-4	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Tetratriacontane	479	C34H70	014167-59-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021027.D
Acq On : 19 Jun 2019 00:22
Operator : HP/JU
Sample : K3332-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4229

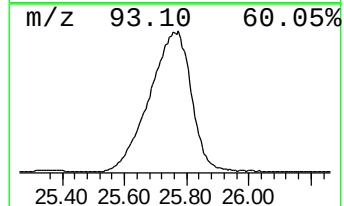
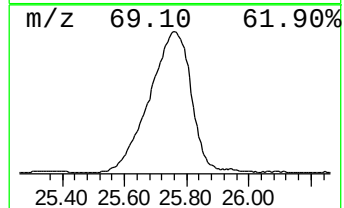
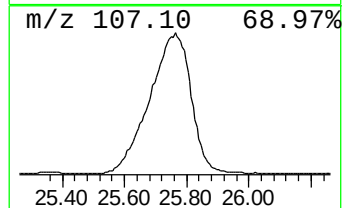
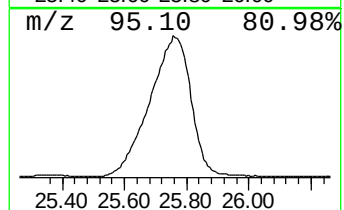
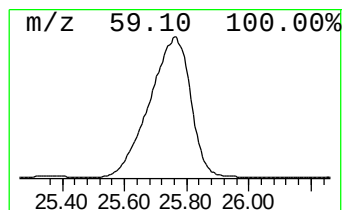
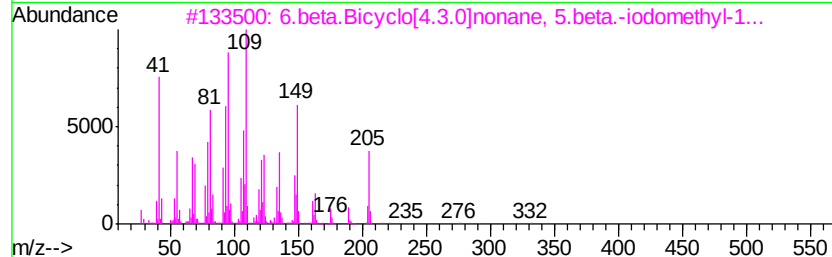
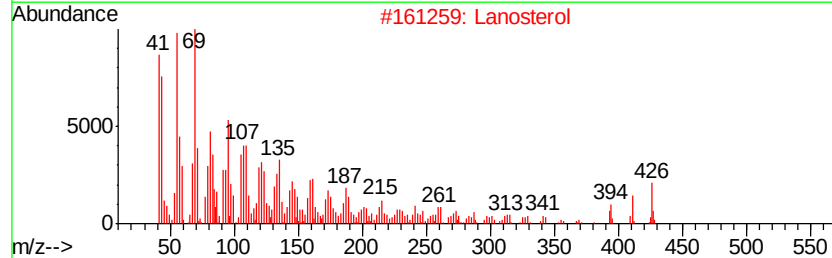
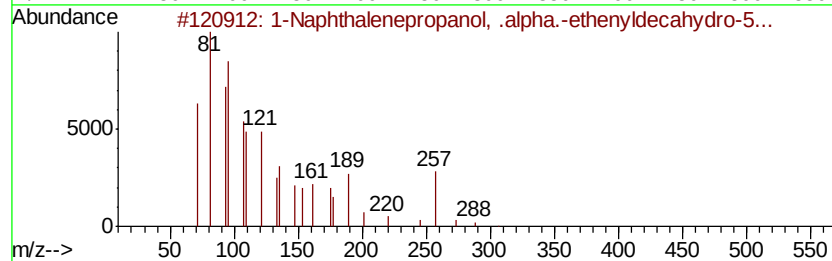
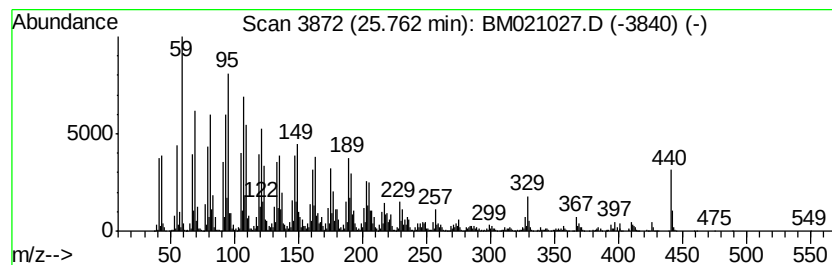
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1-Naphthalenepropanol, .alp... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.76	354.57 ng/ul	64922200	Perylene-d12	23.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenepropanol, .alpha.-e...	306	C20H34O2	003650-30-4	60
2		Lanosterol	426	C30H50O	000079-63-0	47
3		6.beta.Bicyclo[4.3.0]nonane, 5.b...	332	C15H25I	1000195-85-9	41
4		9,19-Cyclo-9.beta.-lanostane-3.b...	444	C30H52O2	026525-84-8	38
5		9,19-Cyclolanost-24-en-3-ol, (3....	426	C30H50O	000469-38-5	28



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061819\
Data File : BM021027.D
Acq On : 19 Jun 2019 00:22
Operator : HP/JU
Sample : K3332-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4229

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.03	34.2	ng/ul	2264630	1	7.79	1322950	20.0
unknown-01	20.00	140.0	ng/ul	25623100	5	21.35	3661360	20.0
(DEL) Alkane: Cyc...	21.06	3.6	ng/ul	650983	5	21.35	3661360	20.0
unknown-02	22.31	17.1	ng/ul	3137870	5	21.35	3661360	20.0
(DEL) Alkane: Str...	22.40	2.4	ng/ul	438391	5	21.35	3661360	20.0
(DEL) Alkane: Str...	22.92	2.5	ng/ul	451258	6	23.63	3662030	20.0
(DEL) Alkane: Str...	24.14	2.4	ng/ul	434158	6	23.63	3662030	20.0
1-Naphthaleneprop...	25.76	354.6	ng/ul	64922200	6	23.63	3662030	20.0