

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091118\
 Data File : BN002631.D
 Acq On : 11 Sep 2018 16:49
 Operator : JU/SJ
 Sample : J4837-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C08H7

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-BN081318MA.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	4.834	309	314	326	rBV	57138	91071	1.39%	0.151%
2	6.846	648	656	670	rBV	175180	312057	4.78%	0.519%
3	7.005	676	683	694	rBV	646631	1022730	15.66%	1.700%
4	7.199	710	716	729	rVB	690649	1132528	17.34%	1.883%
5	7.663	788	795	799	rBV	588286	1057535	16.19%	1.758%
6	8.010	847	854	863	rVB	94561	161371	2.47%	0.268%
7	8.369	909	915	933	rVB	518674	904819	13.85%	1.504%
8	8.810	980	990	1003	rBV	840186	1402747	21.47%	2.332%
9	9.251	1057	1065	1077	rBV	558265	897956	13.75%	1.493%
10	9.522	1105	1111	1118	rBV	697993	1205442	18.45%	2.004%
11	9.587	1118	1122	1133	rVB	108824	181584	2.78%	0.302%
12	10.063	1196	1203	1218	rBV	944352	1727952	26.45%	2.873%
13	10.363	1248	1254	1259	rVV	44877	73669	1.13%	0.122%
14	10.428	1259	1265	1276	rVB	894388	1532318	23.46%	2.548%
15	10.981	1353	1359	1370	rBV	193708	335176	5.13%	0.557%
16	11.081	1370	1376	1382	rBV2	107481	174276	2.67%	0.290%
17	13.104	1713	1720	1726	rBV	1361797	2008153	30.74%	3.339%
18	13.228	1736	1741	1747	rBV	47145	69445	1.06%	0.115%
19	13.304	1747	1754	1762	rVB	817651	1220251	18.68%	2.029%
20	13.710	1816	1823	1828	rBV	2130113	3013373	46.13%	5.010%
21	13.987	1863	1870	1877	rBV	2309303	3464642	53.04%	5.760%
22	14.051	1877	1881	1887	rVB	187198	273456	4.19%	0.455%
23	14.187	1898	1904	1911	rBV	63310	98964	1.51%	0.165%
24	14.292	1911	1922	1931	rBV2	1481188	2400543	36.75%	3.991%
25	14.534	1957	1963	1979	rBV	114583	297371	4.55%	0.494%
26	15.292	2085	2092	2102	rVB	3155643	4395373	67.29%	7.307%
27	15.428	2109	2115	2128	rBV	1097498	1596667	24.44%	2.654%
28	17.045	2384	2390	2398	rBV	1898088	2673418	40.93%	4.445%
29	17.145	2400	2407	2416	rBV	3576775	4951152	75.79%	8.231%
30	18.033	2554	2558	2562	rVV2	48192	70389	1.08%	0.117%
31	19.080	2732	2736	2742	rVB	56474	75532	1.16%	0.126%
32	19.445	2792	2798	2807	rBV	4103156	5841568	89.43%	9.712%
33	20.974	3054	3058	3062	rVV2	54621	74437	1.14%	0.124%
34	21.027	3063	3067	3076	rVV	245356	309299	4.73%	0.514%

LSC Area Percent Report

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35	21.245	3099	3104	3116	rBV	2574542	3303406	50.57%	5.492%
36	21.404	3128	3131	3139	rVB2	54657	70296	1.08%	0.117%
37	21.833	3201	3204	3209	rBV	88202	99965	1.53%	0.166%
38	22.292	3278	3282	3287	rBV	176114	227132	3.48%	0.378%
39	22.792	3362	3367	3375	rVB	258998	369048	5.65%	0.614%
40	23.327	3450	3458	3469	rBV	3360548	6532344	100.00%	10.860%
41	23.468	3474	3482	3496	rVB	1696081	3202255	49.02%	5.324%
42	23.980	3563	3569	3575	rVB	267142	508096	7.78%	0.845%
43	24.709	3687	3693	3700	rVB	223053	482665	7.39%	0.802%
44	25.551	3831	3836	3845	rVB2	120902	307356	4.71%	0.511%

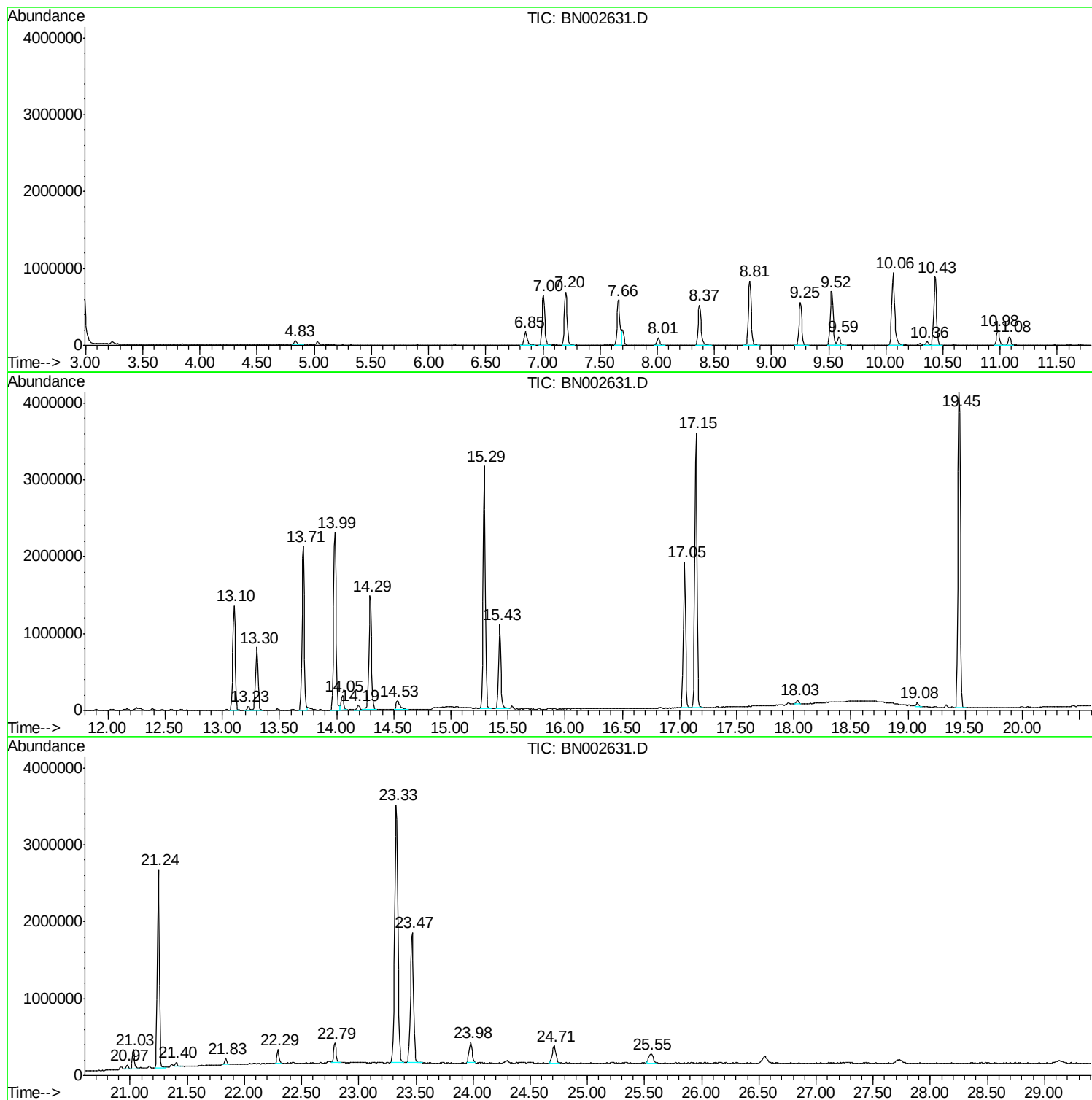
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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



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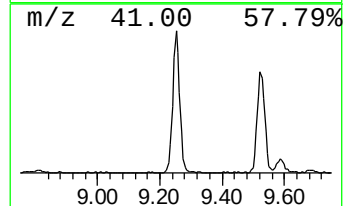
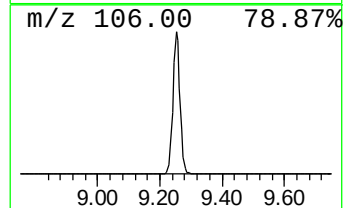
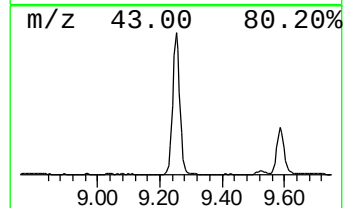
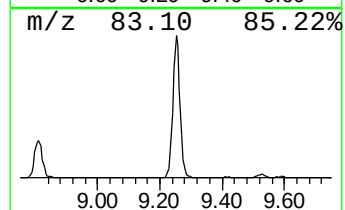
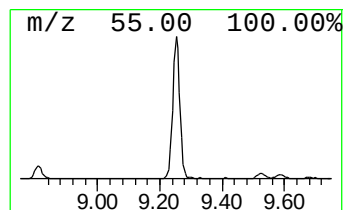
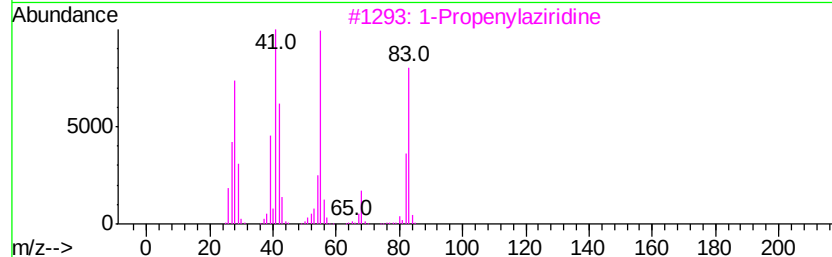
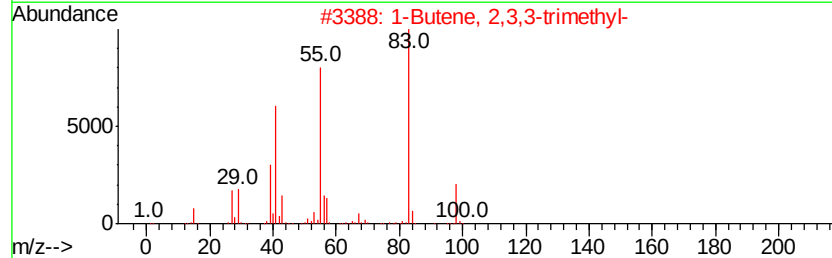
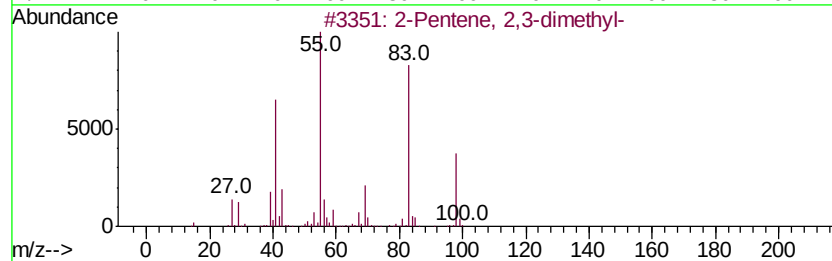
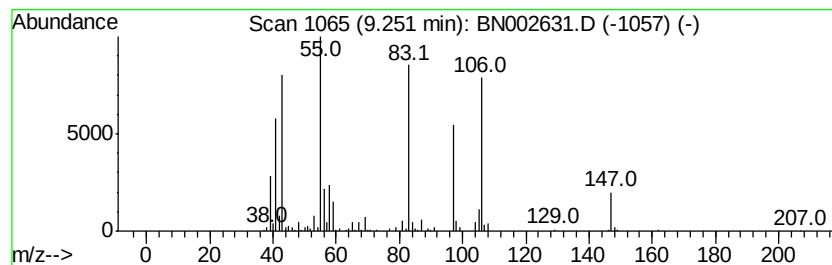
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic9.25 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	11.72 ng/ul	897956	Napthalene-d8	10.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	27
2			1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	27
3			1-Propenylaziridine	83	C5H9N	1000192-51-0	25
4			1H-1,2,4-Triazole, 3-methyl-	83	C3H5N3	007170-01-6	22
5			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	22



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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
C08H7

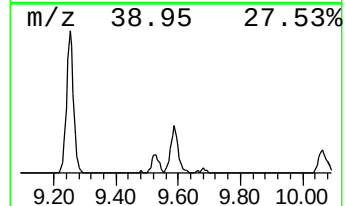
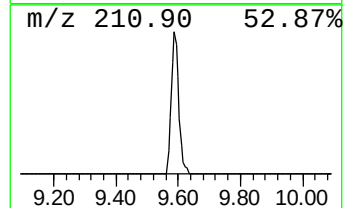
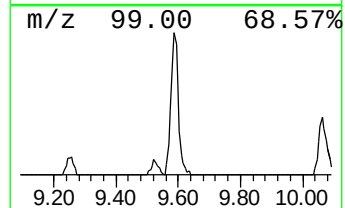
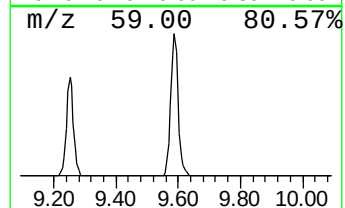
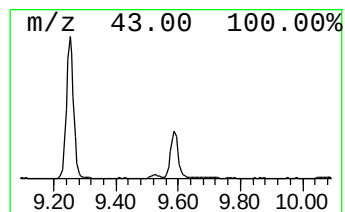
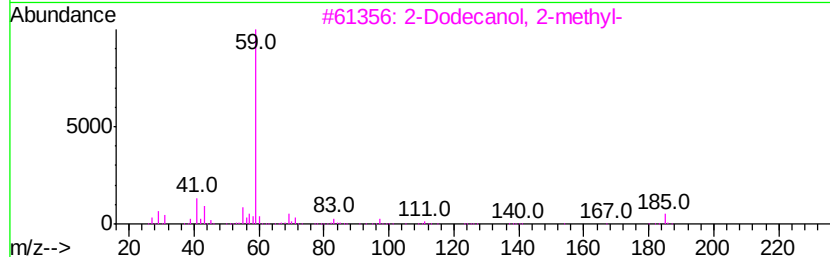
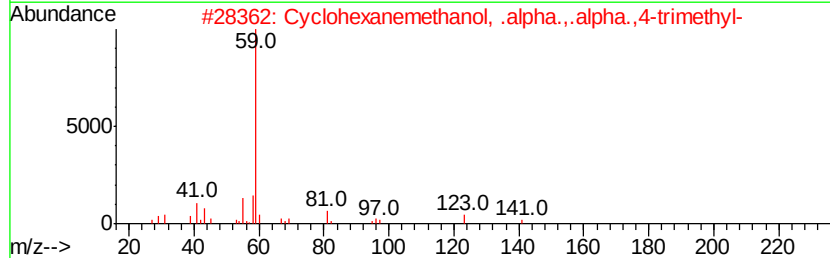
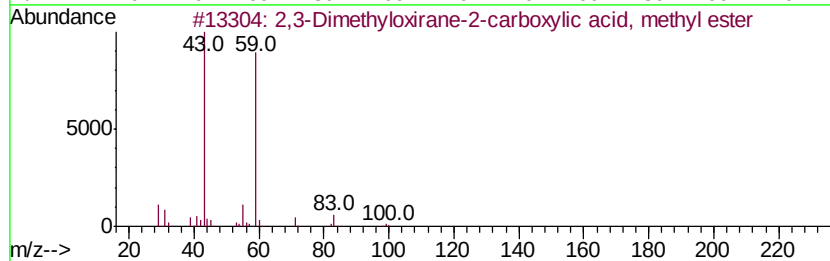
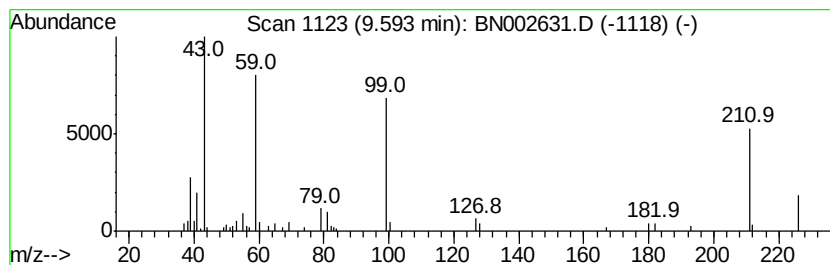
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	2.37 ng/ul	181584	Naphthalene-d8	10.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyloxirane-2-carboxylic...	130	C6H10O3	1000306-64-4	17		
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	17		
3	2-Dodecanol, 2-methyl-	200	C13H28O	001653-37-8	12		
4	6-Methyl-2-heptanol, methyl ether	144	C9H20O	1000365-52-0	12		
5	Diazene, bis[3-(4-methoxycarboxy...	282	C8H6N6O6	339246-68-3	12		



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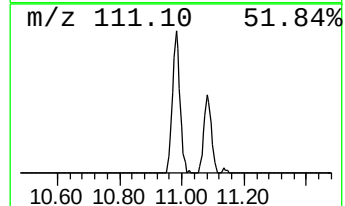
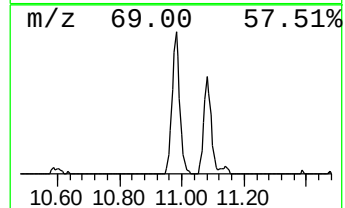
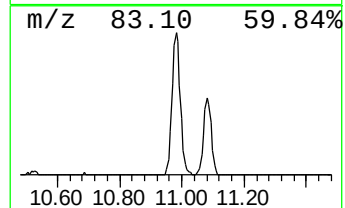
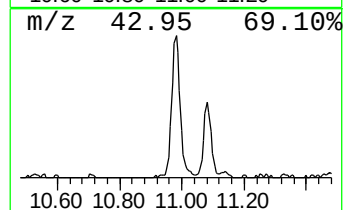
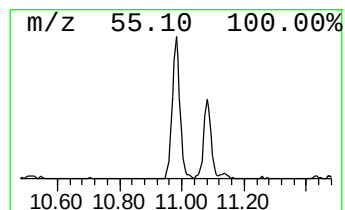
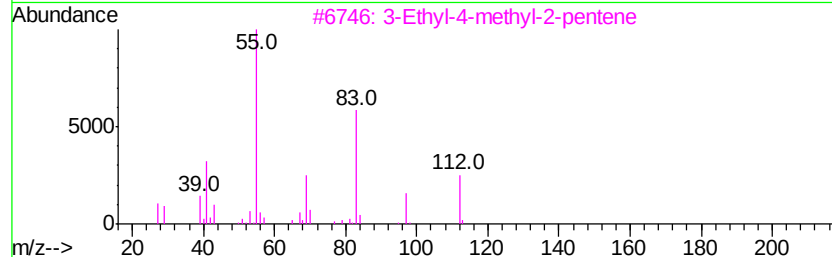
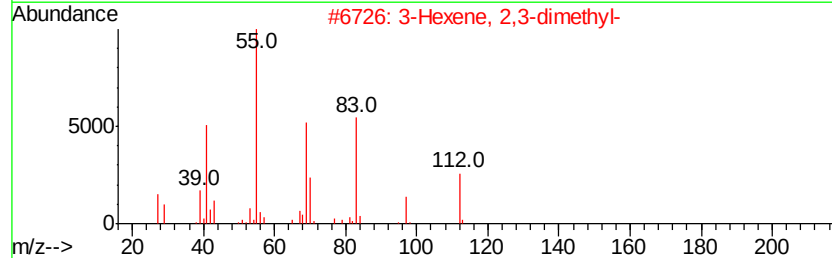
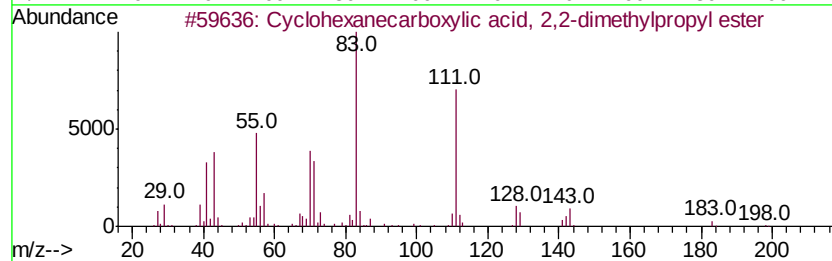
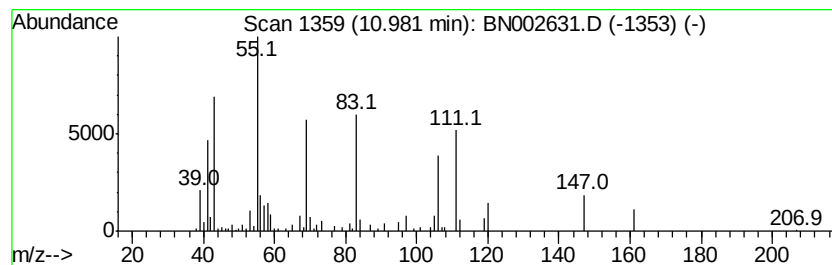
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	4.37 ng/ul	335176	Napthalene-d8	10.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexanecarboxylic acid, 2,2-...	198 C12H22O2	1000279-85-6 43
2		3-Hexene, 2,3-dimethyl-	112 C8H16	007145-23-5 22
3		3-Ethyl-4-methyl-2-pentene	112 C8H16	019780-68-8 22
4		3-Ethyl-3-hexene	112 C8H16	016789-51-8 22
5		3-Hexene, 2,3-dimethyl-	112 C8H16	007145-23-5 22



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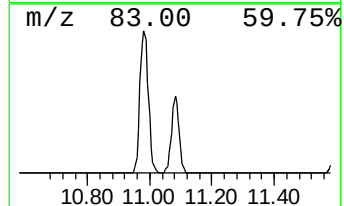
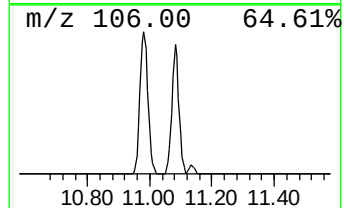
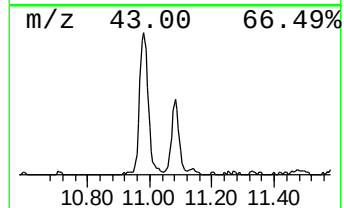
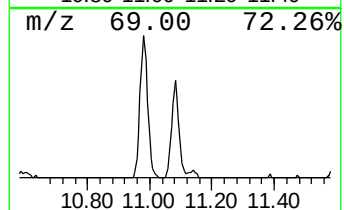
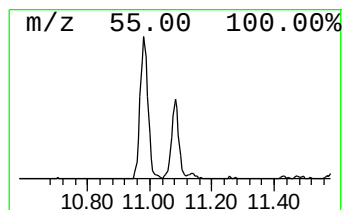
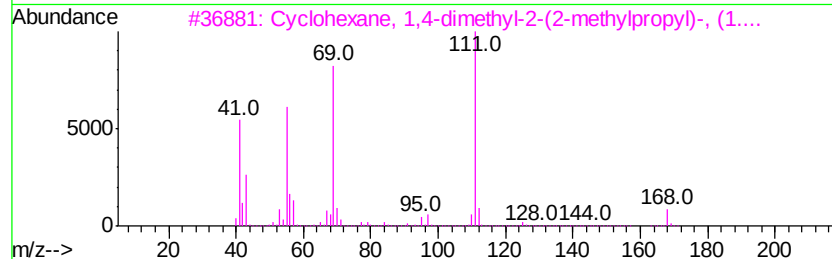
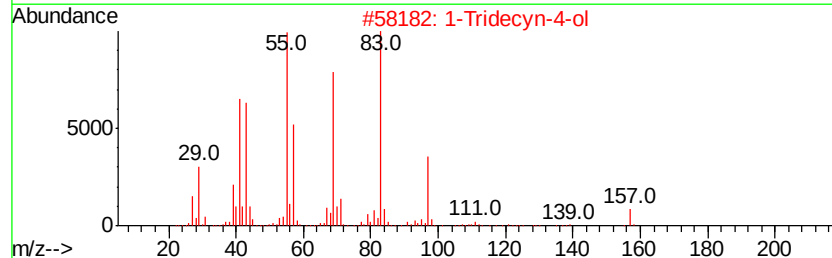
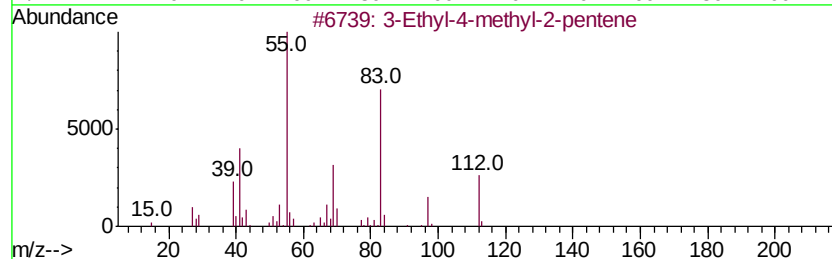
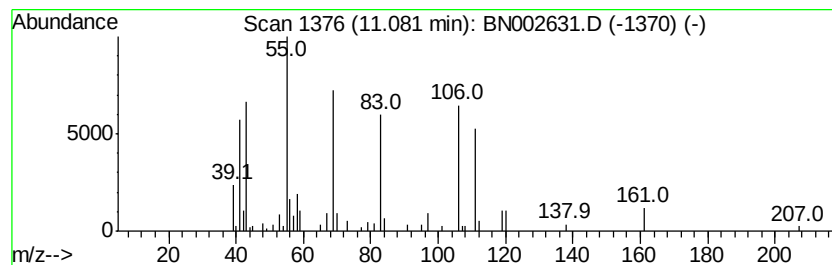
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Peak Number 5 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	2.27 ng/ul	174276	Naphthalene-d8	10.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Ethyl-4-methyl-2-pentene	112	C8H16	019780-68-8	11
2		1-Tridecyn-4-ol	196	C13H24O	074646-37-0	10
3		Cyclohexane, 1,4-dimethyl-2-(2-methylpropyl)-, (1S,4S)-	168	C12H24	054411-17-5	10
4		2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	10
5		Cyclohexane, 1,4-dimethyl-2-(2-methylpropyl)-, (1S,4S)-	168	C12H24	054411-17-5	10



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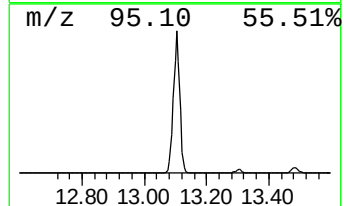
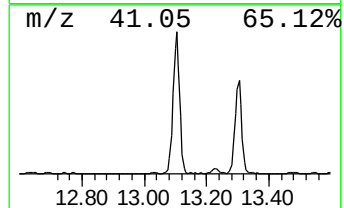
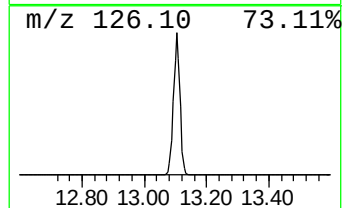
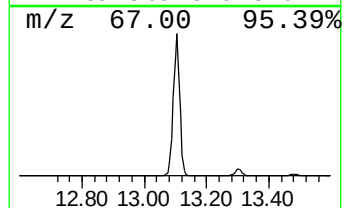
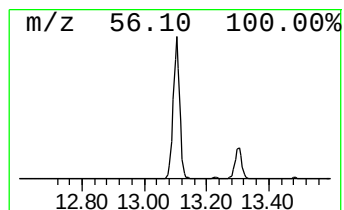
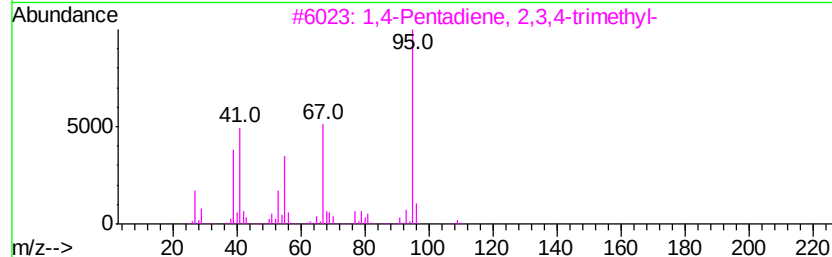
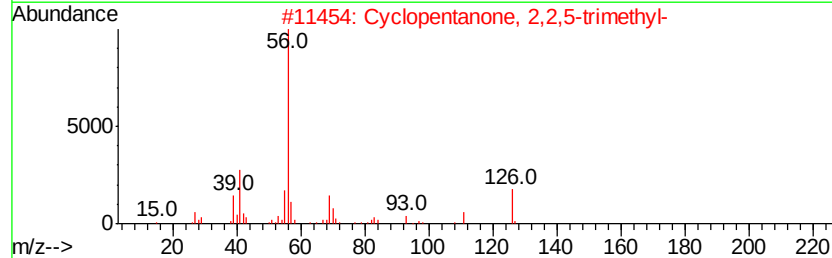
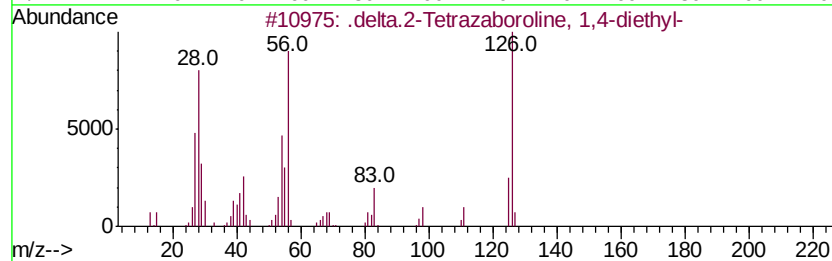
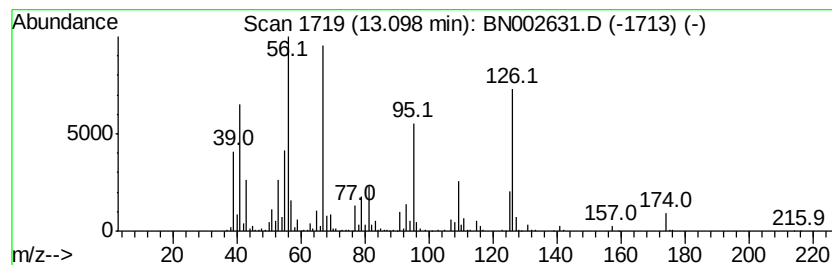
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TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown-04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.10	16.73 ng/ul	2008150	Acenaphthene-d10	14.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.delta.2-Tetrazaboroline, 1,4-di...	126	C4H11BN4	019258-82-3	35
2	Cyclopentanone, 2,2,5-trimethyl-	126	C8H14O	004573-09-5	27
3	1,4-Pentadiene, 2,3,4-trimethyl-	110	C8H14	072014-90-5	22
4	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	22
5	1,5-Hexadiene	82	C6H10	000592-42-7	14



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Acq On : 11 Sep 2018 16:49
Operator : JU/SJ
Sample : J4837-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

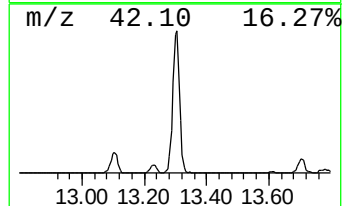
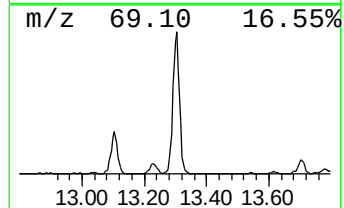
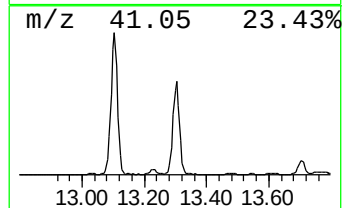
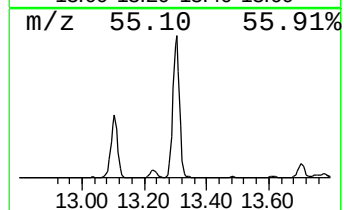
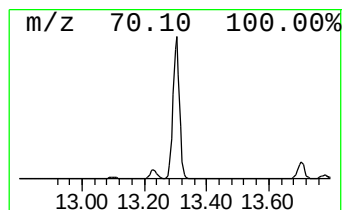
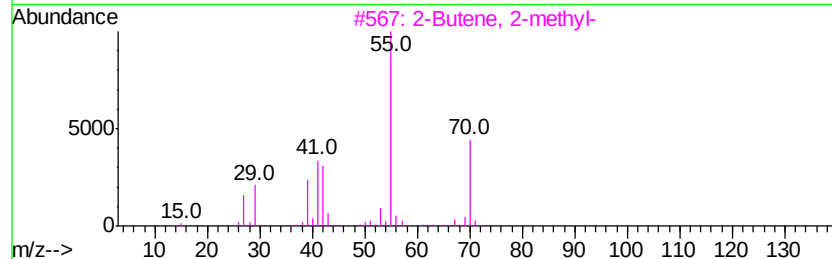
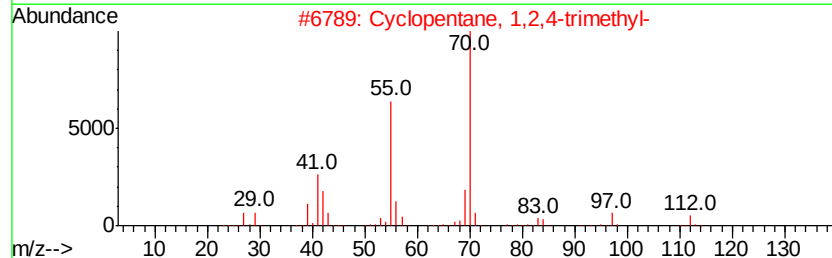
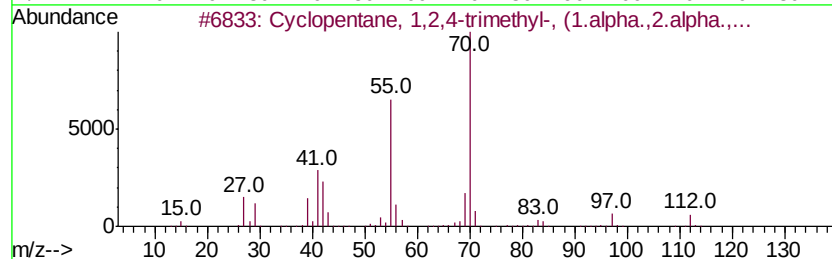
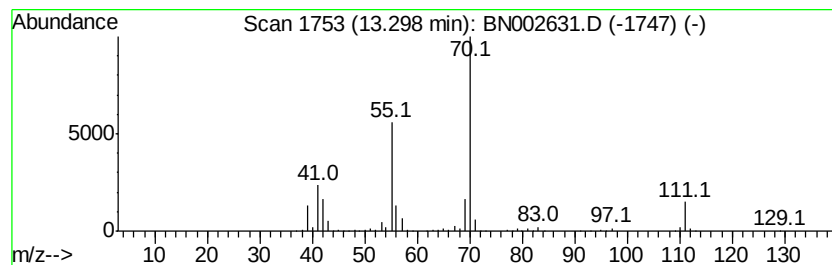
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic13.30 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	10.17 ng/ul	1220250	Acenaphthene-d10	14.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentane, 1,2,4-trimethyl-, ...	112 C8H16	004850-28-6 72
2		Cyclopentane, 1,2,4-trimethyl-	112 C8H16	002815-58-9 72
3		2-Butene, 2-methyl-	70 C5H10	000513-35-9 64
4		Octane, 3-methyl-6-methylene-	140 C10H20	074630-07-2 56
5		Cyclopentane, 1,2,3-trimethyl-, ...	112 C8H16	002613-69-6 50



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Sample : J4837-04
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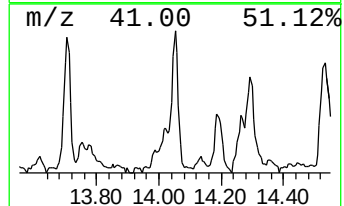
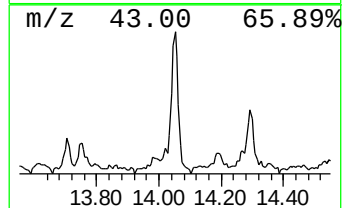
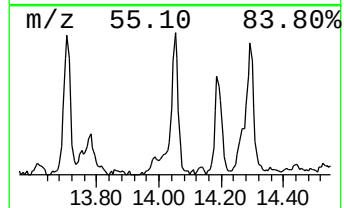
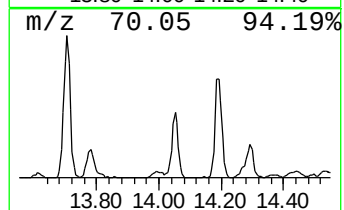
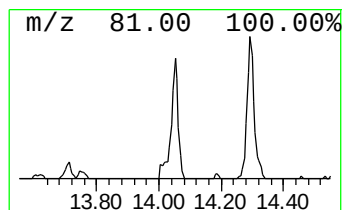
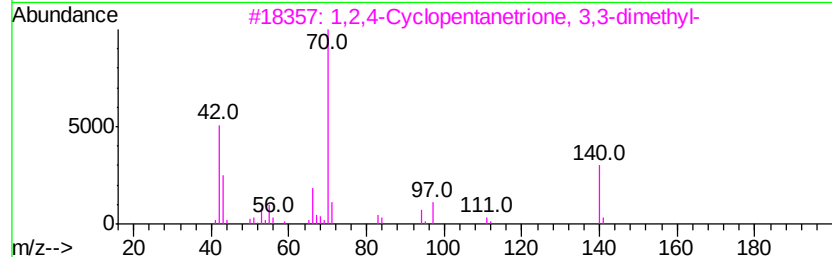
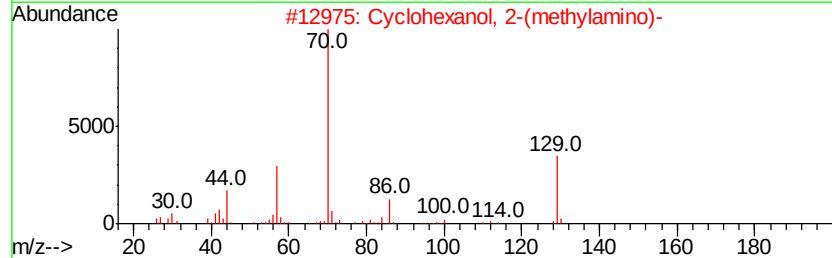
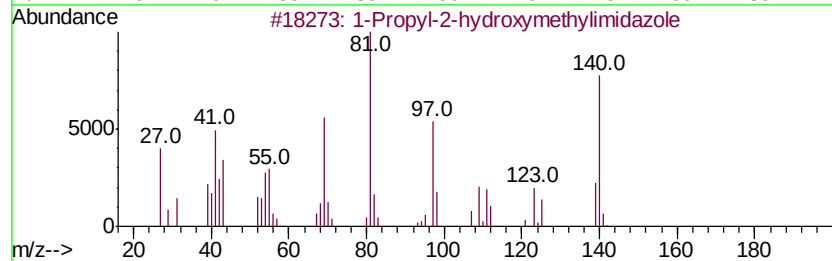
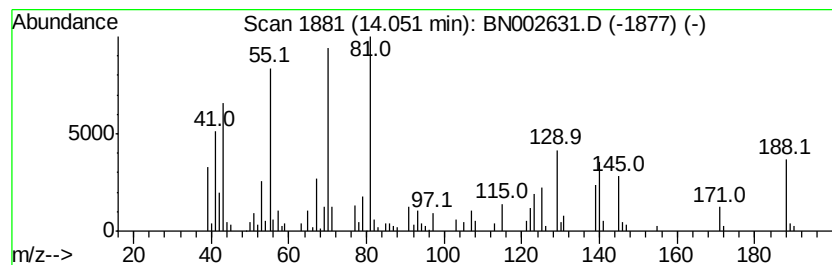
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-05 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	2.28 ng/ul	273456	Acenaphthene-d10	14.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Propyl-2-hydroxymethylimidazole	140 C7H12N2O	143886-50-4 27
2		Cyclohexanol, 2-(methylamino)-	129 C7H15NO	092344-45-1 25
3		1,2,4-Cyclopentanetrione, 3,3-di...	140 C7H8O3	017530-56-2 14
4		7-Acetyl-1,7-diazabicyclo[2.2.0]...	140 C7H12N2O	036553-03-4 14
5		1H-Pyrrole, 1-methyl-	81 C5H7N	000096-54-8 11



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091118\
Data File : BN002631.D
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Sample : J4837-04
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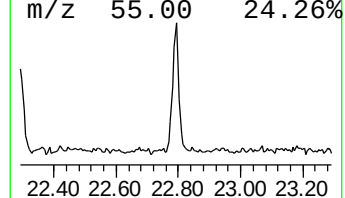
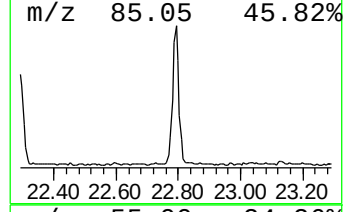
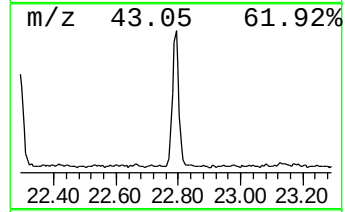
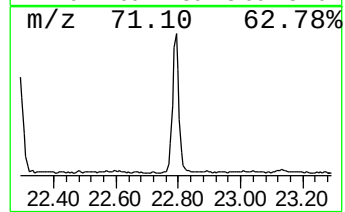
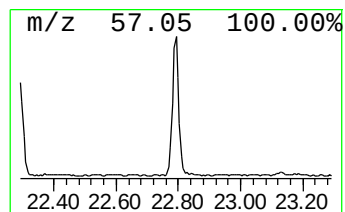
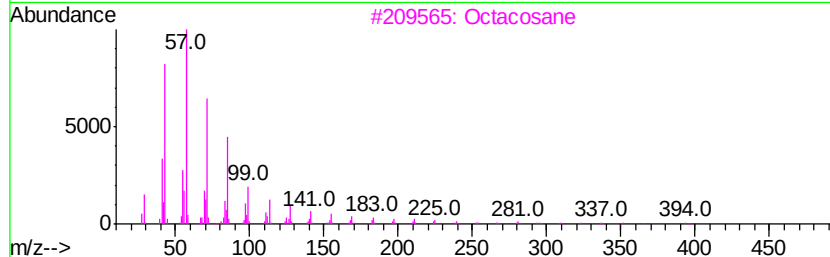
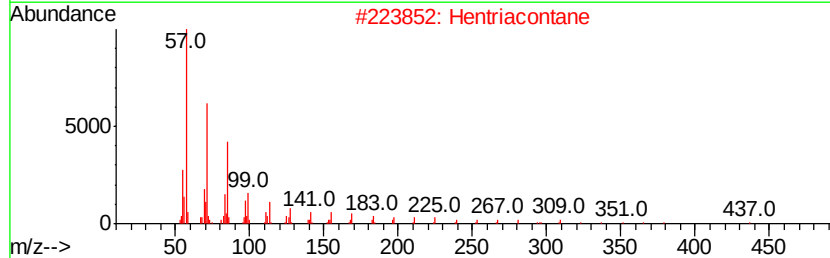
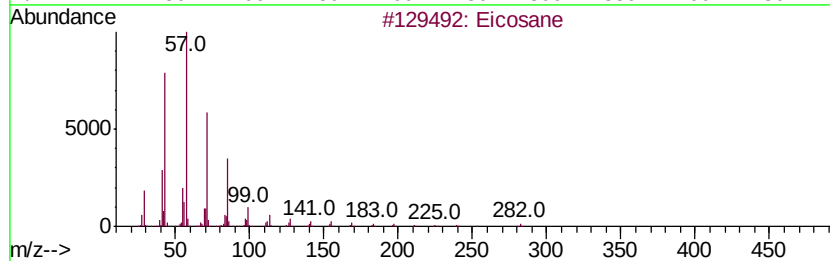
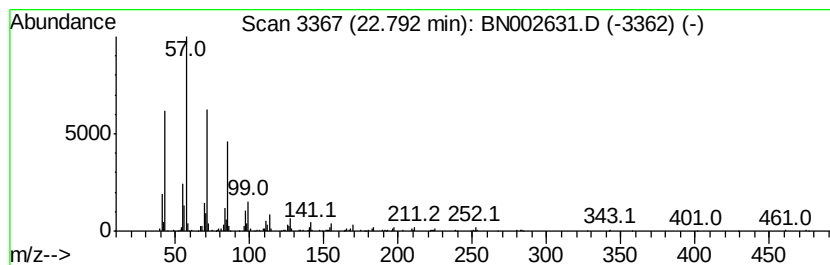
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	2.30 ng/ul	369048	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091118\
Data File : BN002631.D
Acq On : 11 Sep 2018 16:49
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Sample : J4837-04
Misc :
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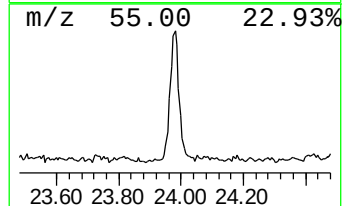
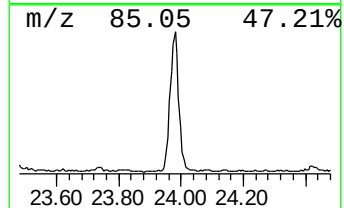
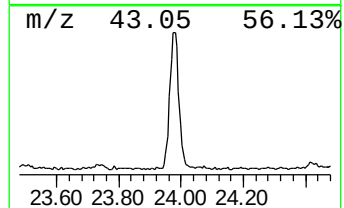
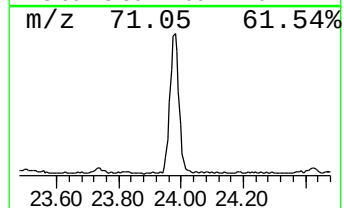
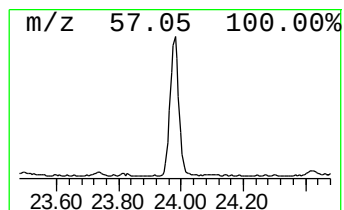
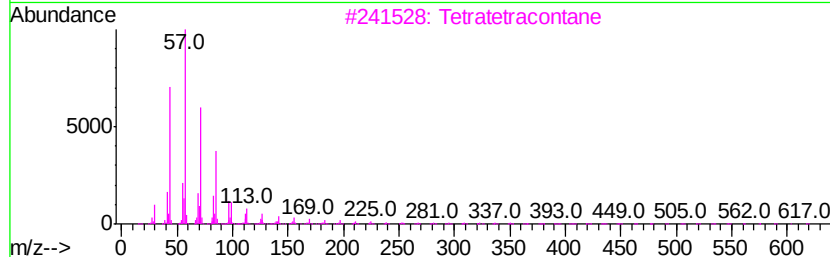
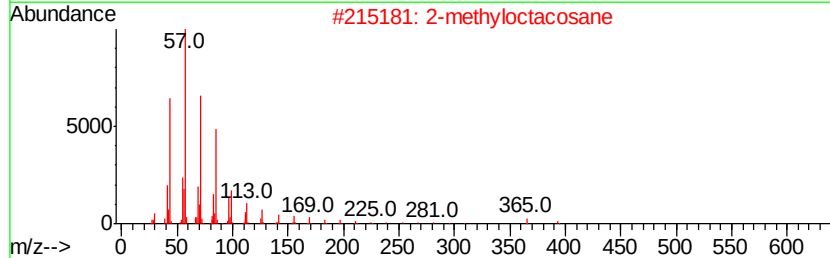
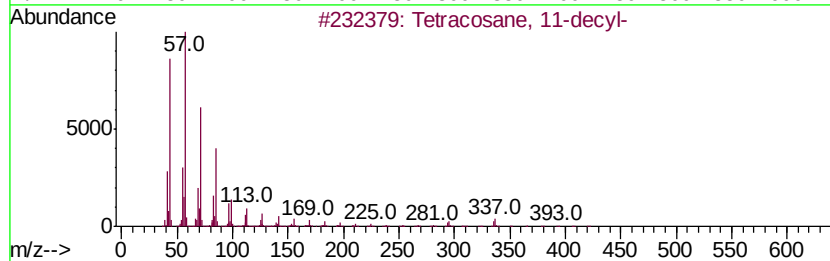
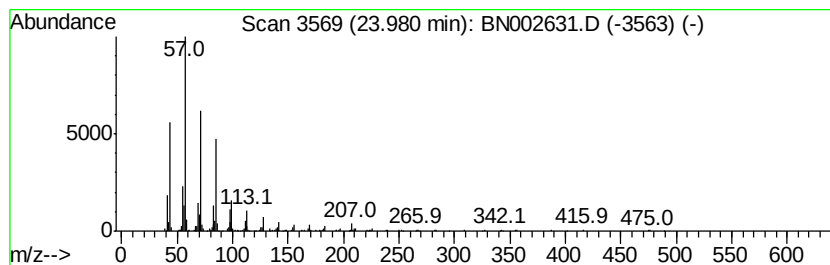
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	3.17 ng/ul	508096	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
2		2-methyloctacosane	408	C29H60	1000376-72-8	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Pentacosane	352	C25H52	000629-99-2	87
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	87



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Data File : BN002631.D
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Sample : J4837-04
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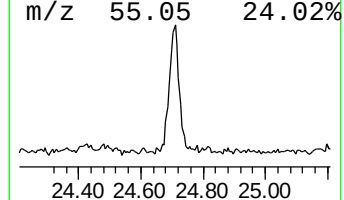
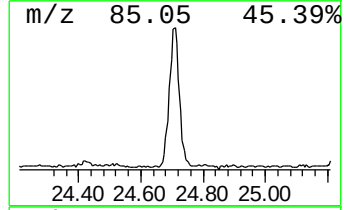
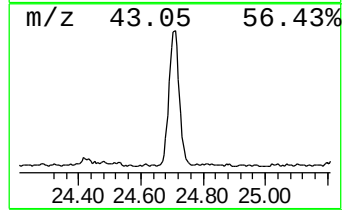
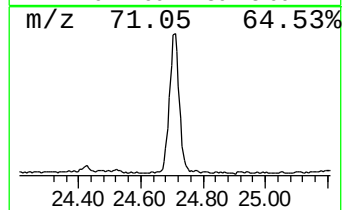
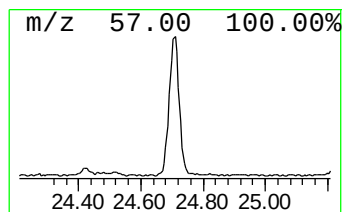
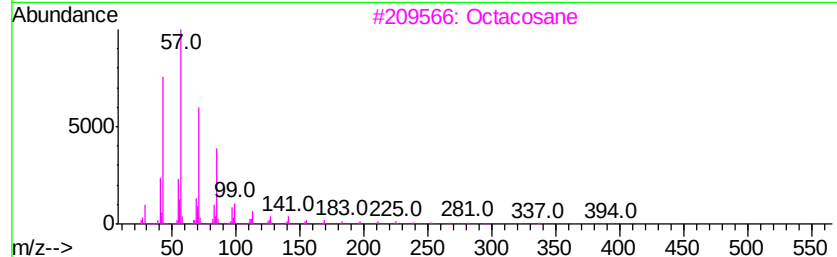
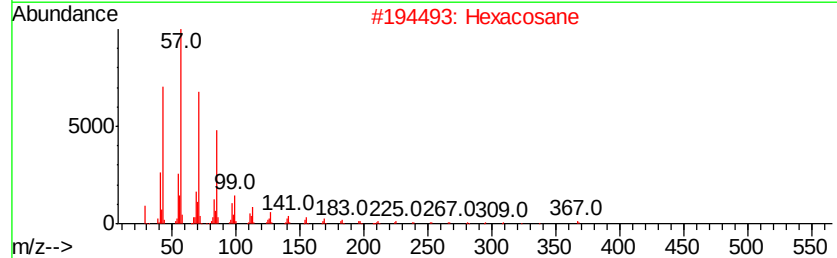
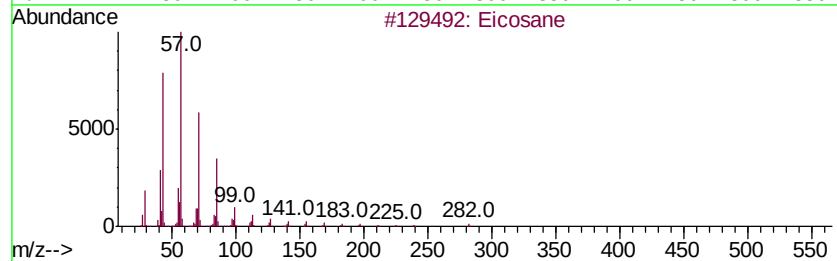
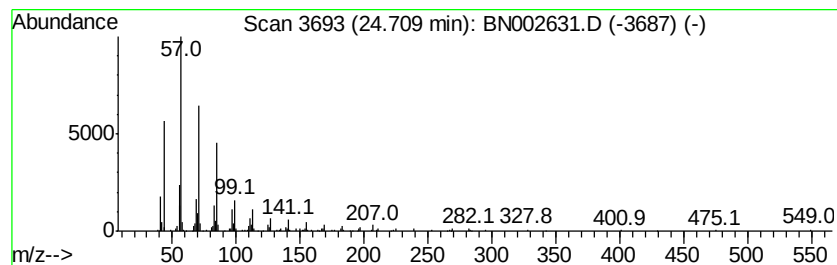
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.71	3.01 ng/ul	482665	Perylene-d12	23.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	95
2			Hexacosane	366	C26H54	000630-01-3	93
3			Octacosane	394	C28H58	000630-02-4	90
4			Tetracosane	338	C24H50	000646-31-1	90
5			triacontane	422	C30H62	000638-68-6	90



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Sample : J4837-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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-01	9.59	2.4	ng/ul	181584	2	10.43	1532320	20.0
unknown-02	10.98	4.4	ng/ul	335176	2	10.43	1532320	20.0
unknown-03	11.08	2.3	ng/ul	174276	2	10.43	1532320	20.0
unknown-04	13.10	16.7	ng/ul	2008150	3	14.29	2400540	20.0
(DEL) Alkane: Cyc...	13.30	10.2	ng/ul	1220250	3	14.29	2400540	20.0
unknown-05	14.05	2.3	ng/ul	273456	3	14.29	2400540	20.0
(DEL) Alkane: Str...	22.79	2.3	ng/ul	369048	6	23.47	3202260	20.0
(DEL) Alkane: Str...	23.98	3.2	ng/ul	508096	6	23.47	3202260	20.0
(DEL) Alkane: Str...	24.71	3.0	ng/ul	482665	6	23.47	3202260	20.0