

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
 Data File : BN002911.D
 Acq On : 03 Oct 2018 21:24
 Operator : MJ/SJ
 Sample : J5115-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC61

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-BN091418MA.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	5.181	367	373	383	rVB	108658	163926	6.27%	0.442%
2	5.311	389	395	404	rBV	58077	108798	4.16%	0.293%
3	5.646	446	452	464	rVB2	331363	575981	22.05%	1.552%
4	6.322	562	567	573	rBV2	49408	77984	2.99%	0.210%
5	6.816	639	651	666	rBV2	259911	602864	23.08%	1.624%
6	6.934	666	671	673	rBV	112468	159329	6.10%	0.429%
7	6.969	673	677	687	rVB	218409	351642	13.46%	0.947%
8	7.063	687	693	697	rBV2	22457	33853	1.30%	0.091%
9	7.163	704	710	722	rBV	283158	474969	18.18%	1.280%
10	7.622	782	788	797	rBV	424742	702153	26.88%	1.892%
11	8.334	904	909	923	rBV	308839	567183	21.71%	1.528%
12	8.446	923	928	934	rVV	32327	52621	2.01%	0.142%
13	8.775	978	984	992	rBV	263448	445663	17.06%	1.201%
14	8.916	1003	1008	1021	rBV	40920	78160	2.99%	0.211%
15	9.493	1099	1106	1116	rBV	223737	387273	14.82%	1.043%
16	10.034	1191	1198	1219	rVB	314268	621018	23.77%	1.673%
17	10.393	1252	1259	1267	rBV	654904	1100113	42.11%	2.964%
18	10.540	1278	1284	1309	rBV	277385	579128	22.17%	1.560%
19	12.016	1528	1535	1548	rBV2	33728	80400	3.08%	0.217%
20	13.675	1811	1817	1822	rBV	700873	964710	36.93%	2.599%
21	13.722	1822	1825	1837	rVB	172023	247615	9.48%	0.667%
22	13.951	1857	1864	1873	rBV	823421	1225692	46.92%	3.302%
23	14.263	1910	1917	1924	rBV2	1013360	1540752	58.98%	4.151%
24	14.510	1950	1959	1974	rBV3	115961	320630	12.27%	0.864%
25	15.257	2080	2086	2093	rBV	1046712	1564799	59.90%	4.216%
26	15.404	2106	2111	2121	rBV	245939	453113	17.34%	1.221%
27	16.522	2291	2301	2307	rVV	21120	36137	1.38%	0.097%
28	16.622	2310	2318	2322	rVB	18274	30395	1.16%	0.082%
29	16.781	2341	2345	2349	rBV2	35186	44779	1.71%	0.121%
30	17.016	2378	2385	2390	rBV	1315961	1938653	74.21%	5.223%
31	17.057	2390	2392	2396	rVV	54118	59483	2.28%	0.160%
32	17.110	2396	2401	2411	rVB2	1183598	1741607	66.67%	4.692%
33	17.433	2448	2456	2459	rBV5	16863	30683	1.17%	0.083%
34	17.857	2522	2528	2530	rBV3	15845	26264	1.01%	0.071%

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35	17.892	2530	2534	2535	rVV2	27658	36087	1.38%	0.097%
36	17.922	2535	2539	2547	rVV2	147731	232903	8.92%	0.627%
37	17.986	2547	2550	2554	rVB	28282	34303	1.31%	0.092%
38	18.028	2554	2557	2561	rBV5	25552	38118	1.46%	0.103%
39	18.086	2561	2567	2571	rBV4	24521	52238	2.00%	0.141%
40	18.216	2585	2589	2593	rVB4	25669	34286	1.31%	0.092%
41	18.298	2599	2603	2607	rBV	36227	48423	1.85%	0.130%
42	18.392	2615	2619	2625	rBV5	17864	33490	1.28%	0.090%
43	18.457	2625	2630	2638	rVB2	106264	180780	6.92%	0.487%
44	18.727	2673	2676	2681	rVB4	21246	30827	1.18%	0.083%
45	18.851	2694	2697	2700	rBV	43736	55235	2.11%	0.149%
46	18.963	2713	2716	2722	rBV7	21113	36462	1.40%	0.098%
47	19.080	2732	2736	2741	rVB	151255	202127	7.74%	0.545%
48	19.210	2755	2758	2767	rVB9	32806	59331	2.27%	0.160%
49	19.416	2787	2793	2802	rBV	1560746	2383818	91.25%	6.422%
50	19.475	2802	2803	2808	rVB3	34079	39550	1.51%	0.107%
51	19.598	2819	2824	2840	rBV2	468849	1102302	42.19%	2.970%
52	20.098	2906	2909	2917	rBV6	25141	44967	1.72%	0.121%
53	20.245	2931	2934	2937	rBV3	19249	29459	1.13%	0.079%
54	20.357	2949	2953	2959	rVB	117201	190708	7.30%	0.514%
55	20.469	2970	2972	2975	rVB2	39272	43311	1.66%	0.117%
56	20.916	3044	3048	3049	rBV2	61163	78148	2.99%	0.211%
57	20.939	3049	3052	3060	rVB	228344	365454	13.99%	0.985%
58	21.139	3082	3086	3091	rBV	279578	327655	12.54%	0.883%
59	21.216	3093	3099	3104	rVV	1888615	2612437	100.00%	7.038%
60	21.257	3104	3106	3117	rVB	172423	207994	7.96%	0.560%
61	21.374	3123	3126	3130	rBV2	130144	164809	6.31%	0.444%
62	21.433	3134	3136	3140	rVB	61616	64000	2.45%	0.172%
63	21.510	3146	3149	3153	rVB	89897	110158	4.22%	0.297%
64	21.804	3195	3199	3210	rBV	169022	323196	12.37%	0.871%
65	22.257	3272	3276	3281	rBV	191262	232742	8.91%	0.627%
66	22.751	3356	3360	3367	rBV2	351907	689632	26.40%	1.858%
67	23.233	3438	3442	3445	rBV	100236	178483	6.83%	0.481%
68	23.286	3445	3451	3465	rVB	1152916	2524317	96.63%	6.801%
69	23.421	3468	3474	3484	rVB	1116044	2021814	77.39%	5.447%
70	23.927	3555	3560	3568	rVB	280203	505467	19.35%	1.362%
71	24.645	3674	3682	3685	rBV	981724	2134648	81.71%	5.751%

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72	24.745	3694	3699	3703	rBV	562692	1151672	44.08%	3.103%
73	25.486	3819	3825	3834	rVB2	135268	317893	12.17%	0.856%
74	26.745	4033	4039	4047	rVB4	140367	366219	14.02%	0.987%
75	28.074	4259	4265	4275	rVB5	143441	442943	16.96%	1.193%

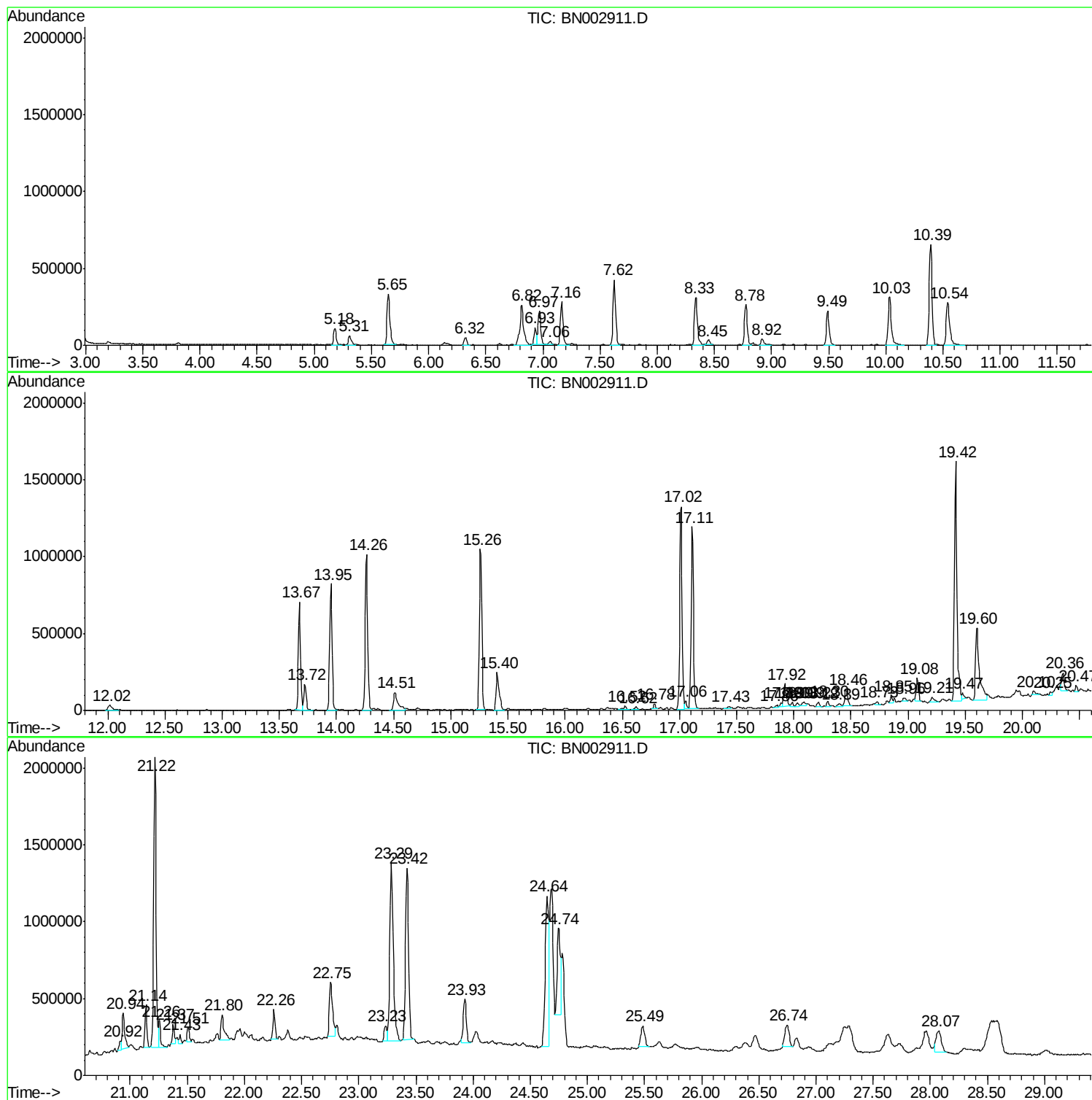
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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



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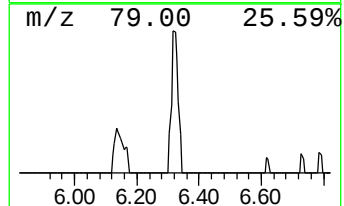
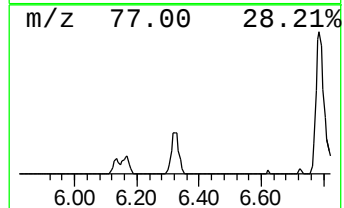
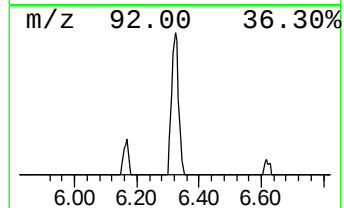
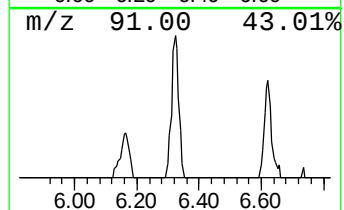
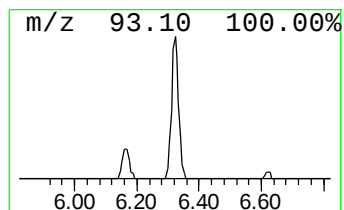
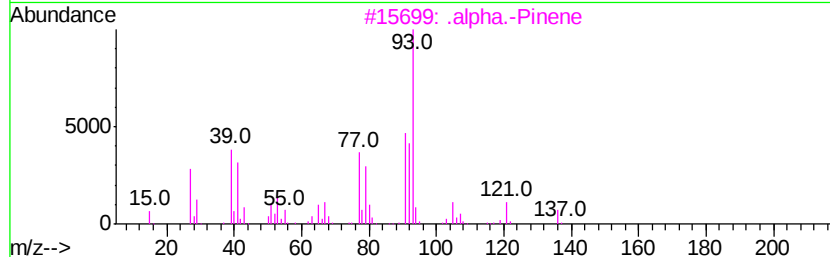
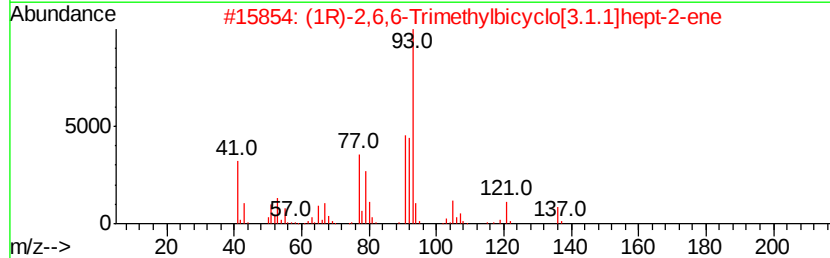
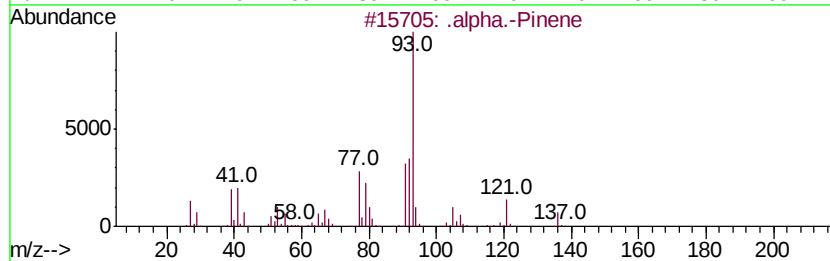
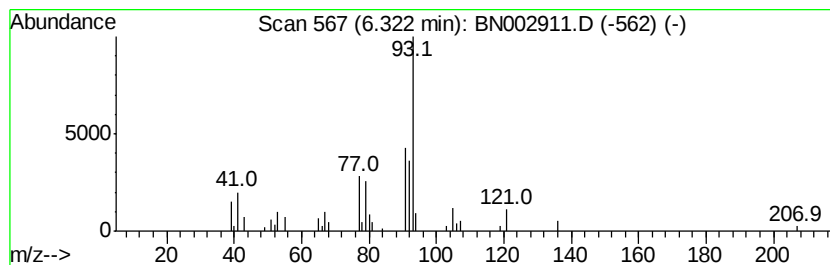
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 .alpha.-Pinene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	2.22 ng/ul	77984	1,4-Dichlorobenzene-d4	7.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Pinene	136	C10H16	000080-56-8	95
2			(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
3			.alpha.-Pinene	136	C10H16	000080-56-8	95
4			(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
5			Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91



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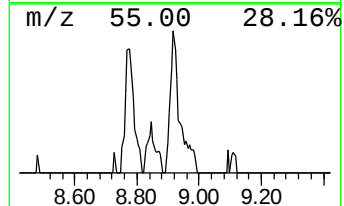
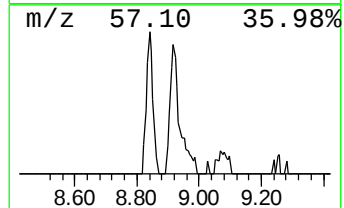
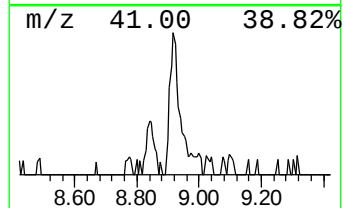
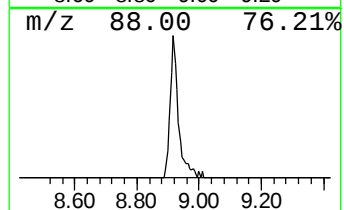
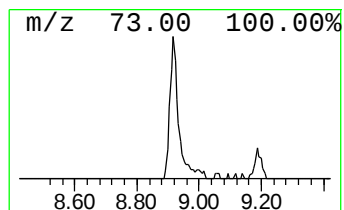
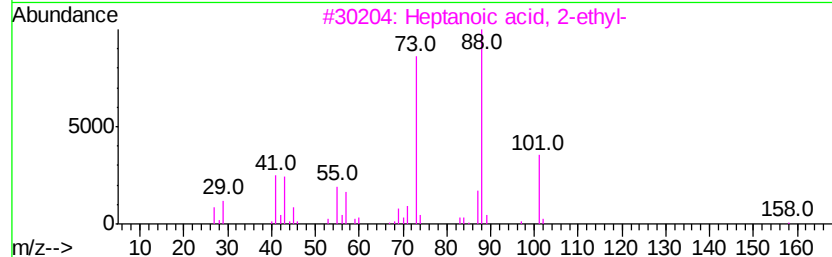
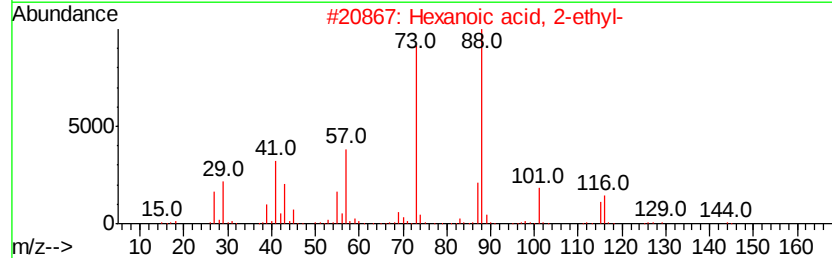
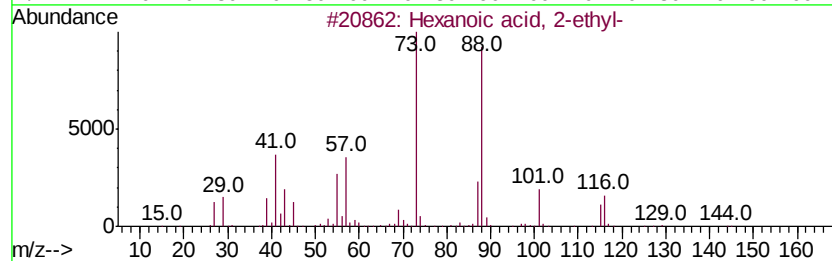
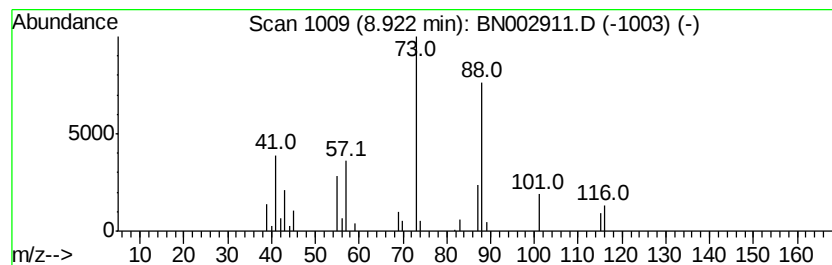
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	2.23 ng/ul	78160	1,4-Dichlorobenzene-d4	7.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
2		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
3		Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	59
4		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	50
5		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	40



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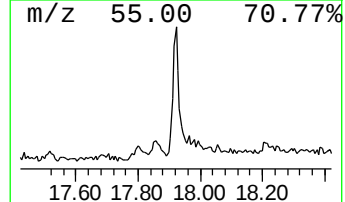
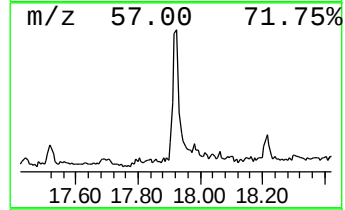
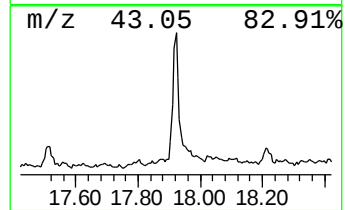
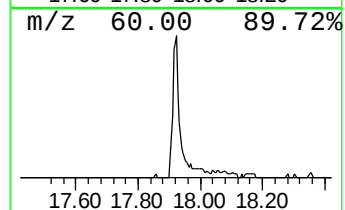
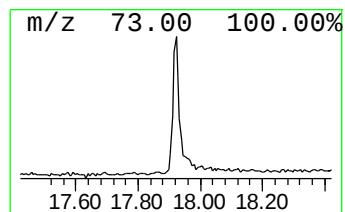
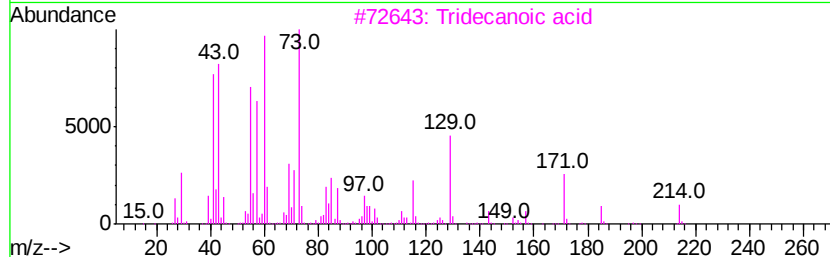
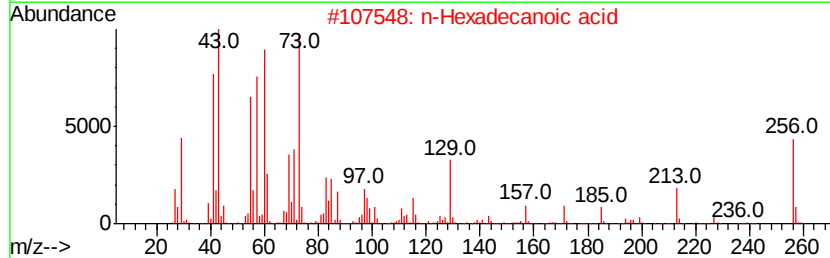
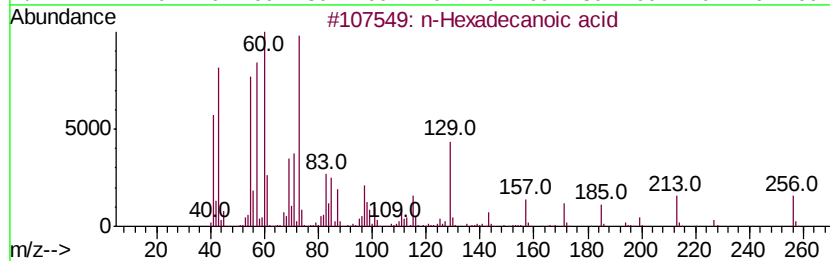
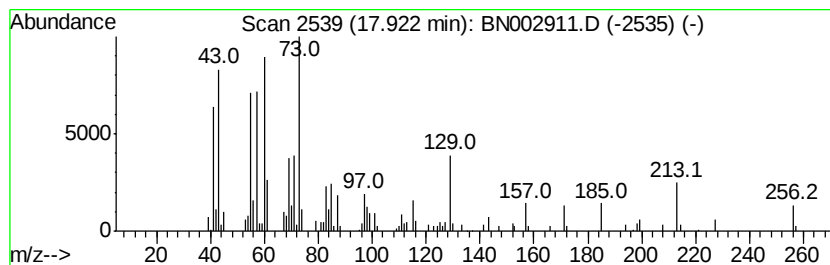
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.40 ng/ul	232903	Phenanthrene-d10	17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3			Tridecanoic acid	214	C13H26O2	000638-53-9	90
4			Tridecanoic acid	214	C13H26O2	000638-53-9	90
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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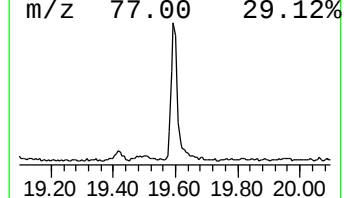
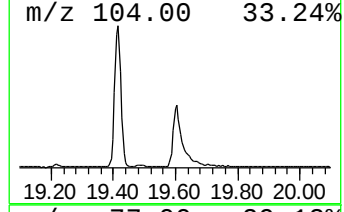
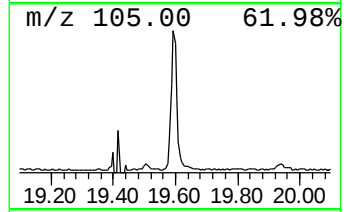
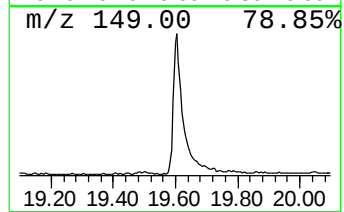
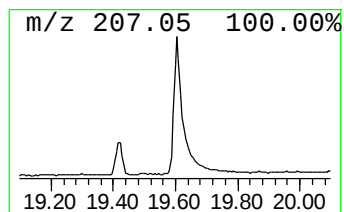
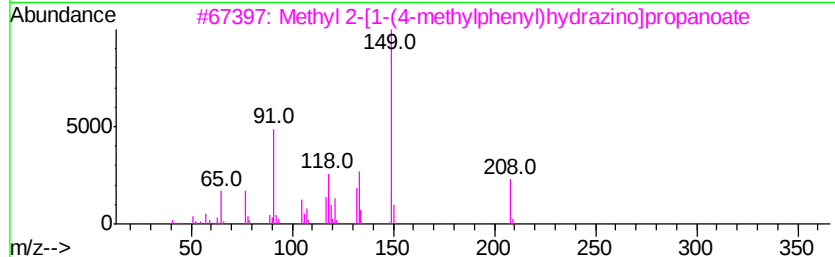
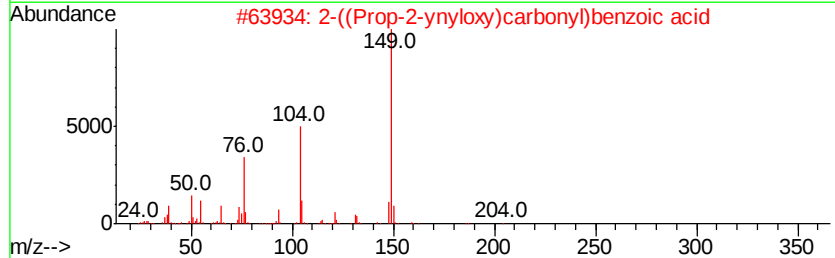
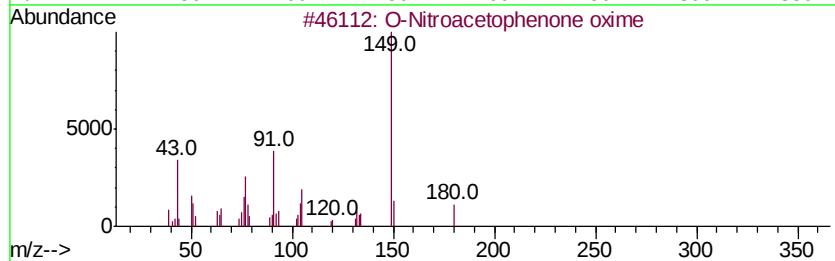
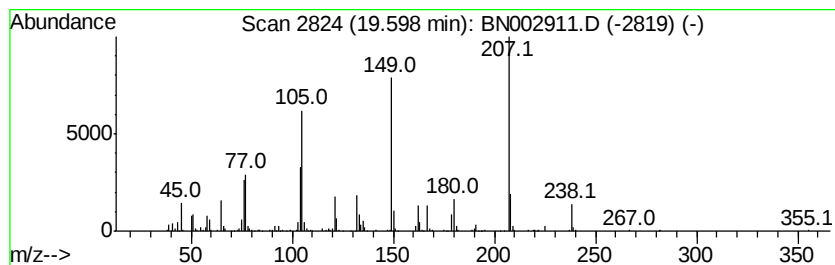
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	8.44 ng/ul	1102300	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	O-Nitroacetophenone oxime	180	C8H8N2O3	010342-62-8	35
2		2-((Prop-2-ynyloxy)carbonyl)benz...	204	C11H8O4	1000373-53-6	35
3		Methyl 2-[1-(4-methylphenyl)hydraz...	208	C11H16N2O2	1000305-34-3	27
4		1,4-Benzenedicarboxylic acid, me...	180	C9H8O4	039379-10-7	27
5		Dodecahydropyrido[1,2-b]isoquino...	207	C13H21NO	108873-36-5	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100418\
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Acq On : 03 Oct 2018 21:24
Operator : MJ/SJ
Sample : J5115-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

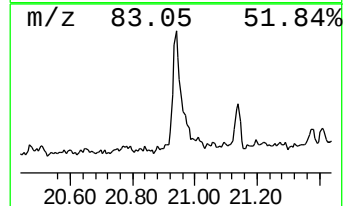
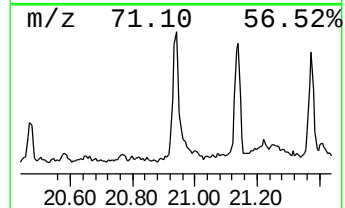
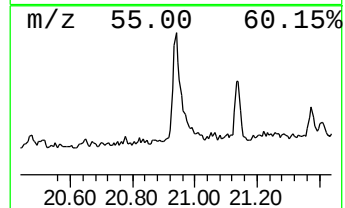
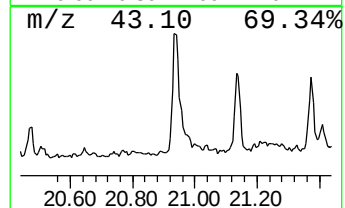
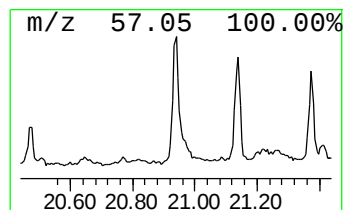
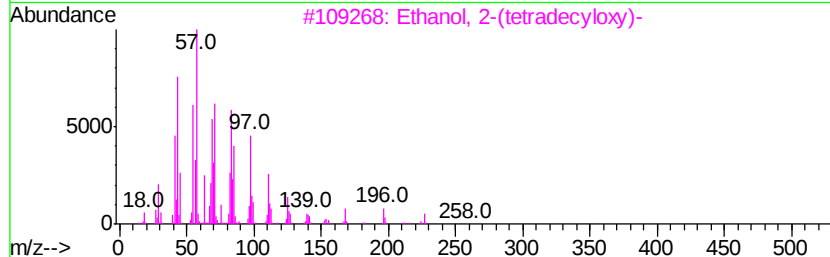
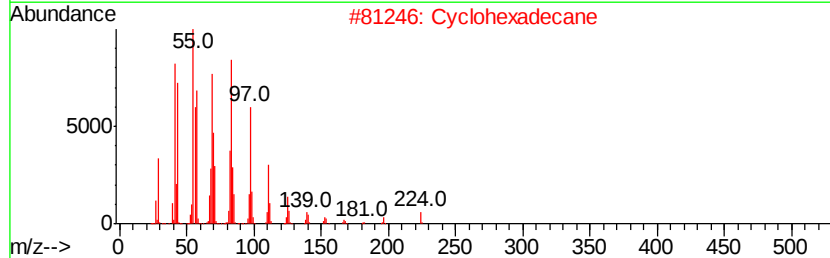
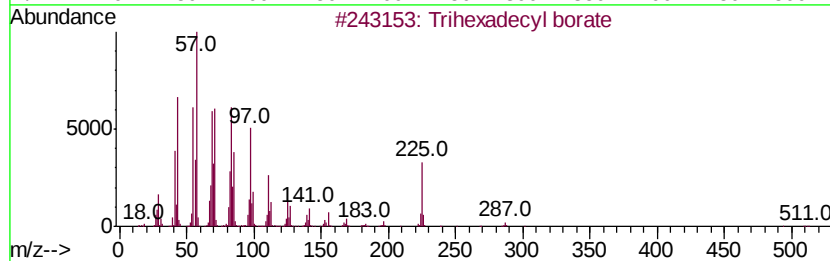
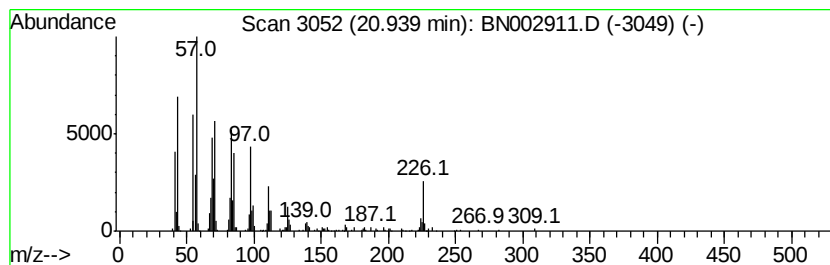
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Trihexadecyl borate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	2.80 ng/ul	365454	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Trihexadecyl borate	735 C48H99B03	002665-11-4 87
2		Cyclohexadecane	224 C16H32	000295-65-8 78
3		Ethanol, 2-(tetradecyloxy)-	258 C16H34O2	002136-70-1 76
4		Ethanol, 2-(hexadecyloxy)-	286 C18H38O2	002136-71-2 74
5		1-Decanol, 2-hexyl-	242 C16H34O	002425-77-6 70



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
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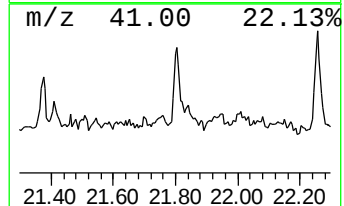
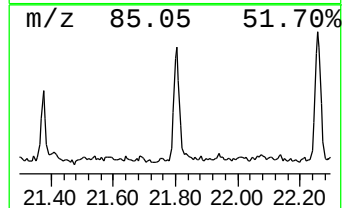
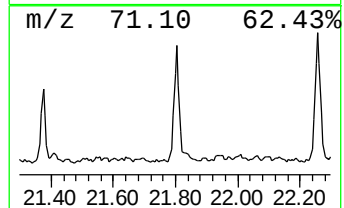
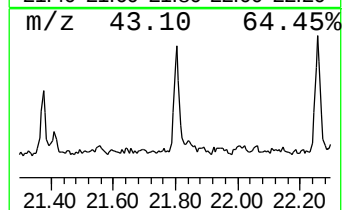
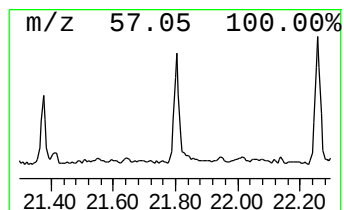
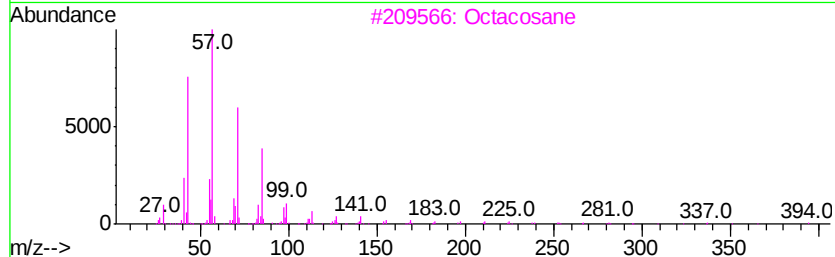
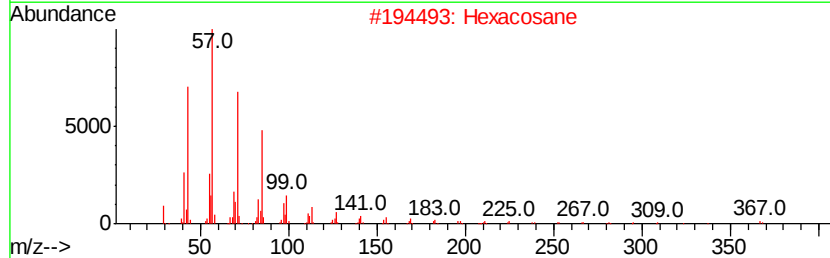
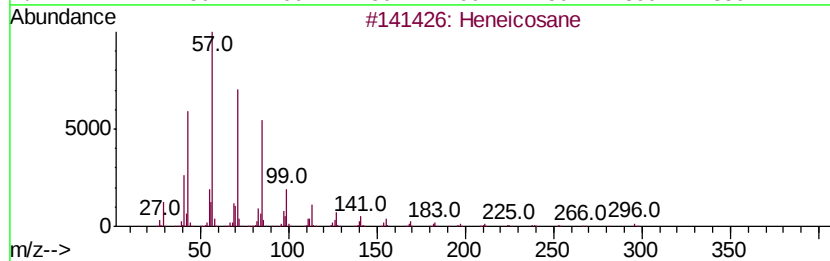
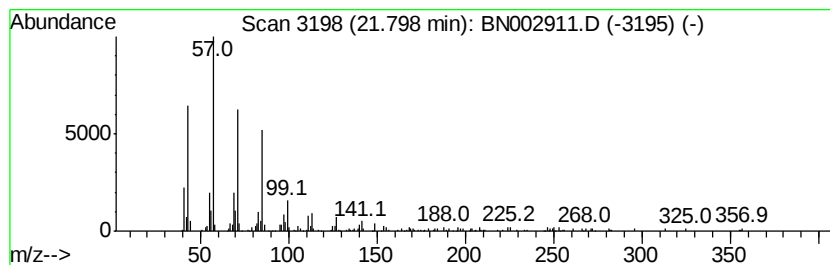
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.80	2.47 ng/ul	323196	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Heptacosane	380	C27H56	000593-49-7	87
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
Data File : BN002911.D
Acq On : 03 Oct 2018 21:24
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Sample : J5115-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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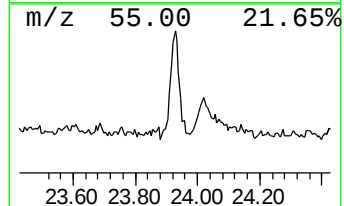
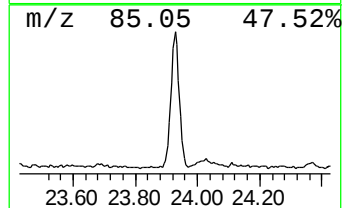
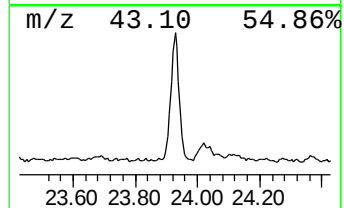
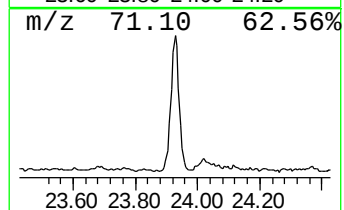
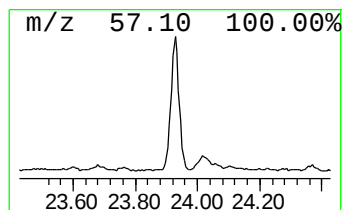
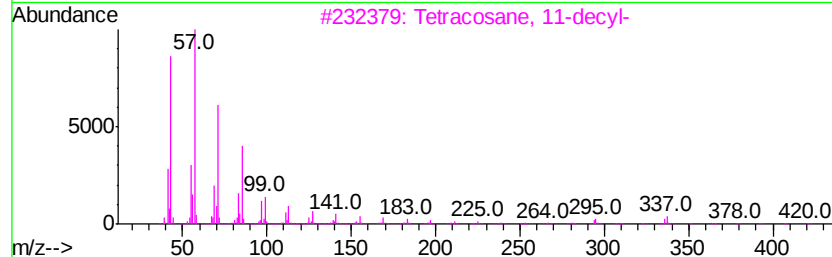
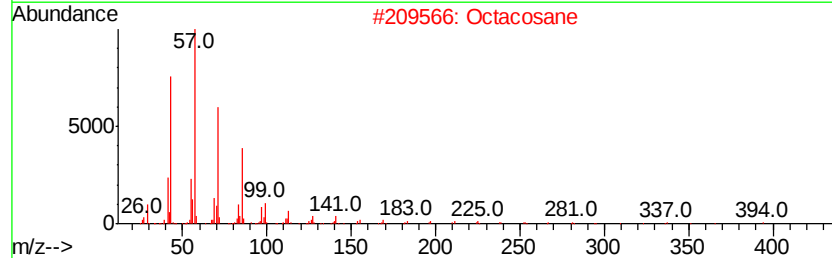
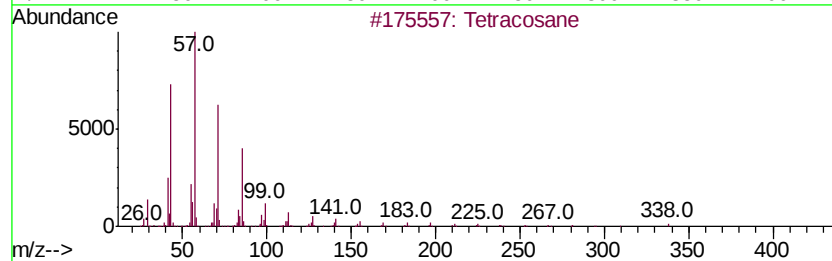
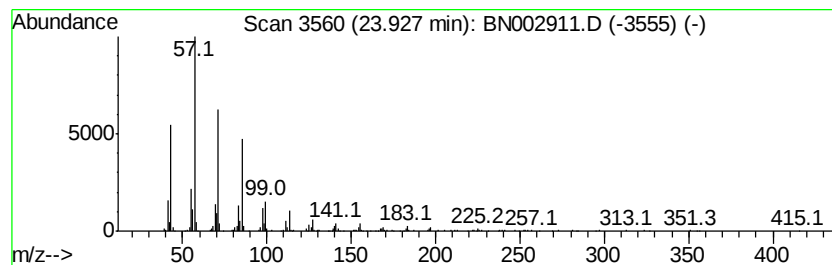
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Quant Title : SVOA CALIBRATION

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.
23.93	5.00 ng/ul	505467	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
Data File : BN002911.D
Acq On : 03 Oct 2018 21:24
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Sample : J5115-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

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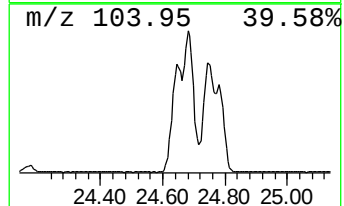
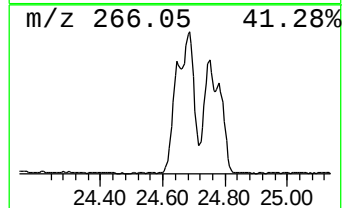
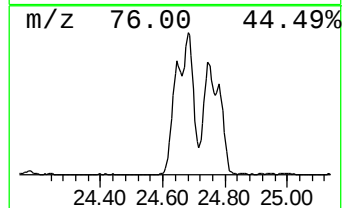
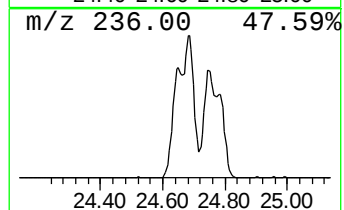
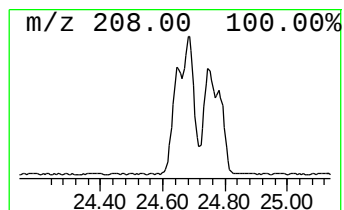
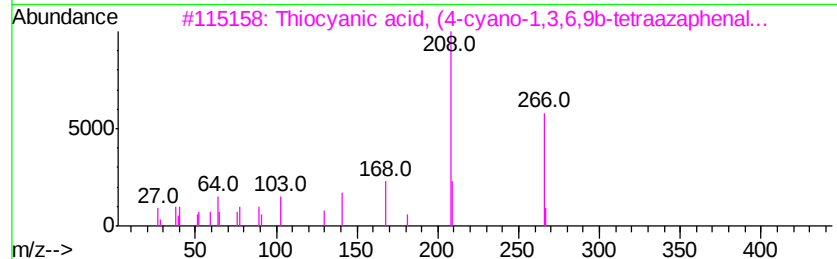
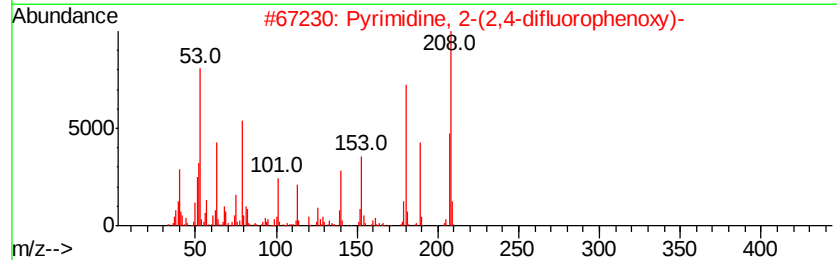
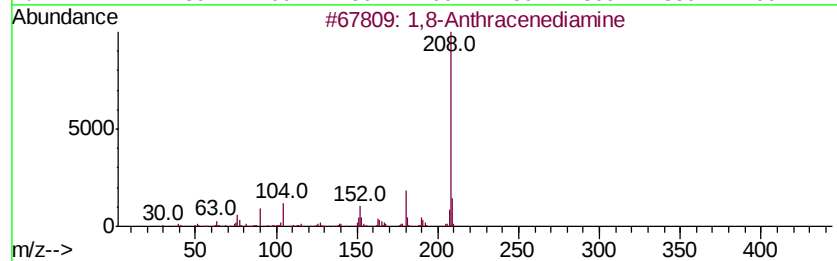
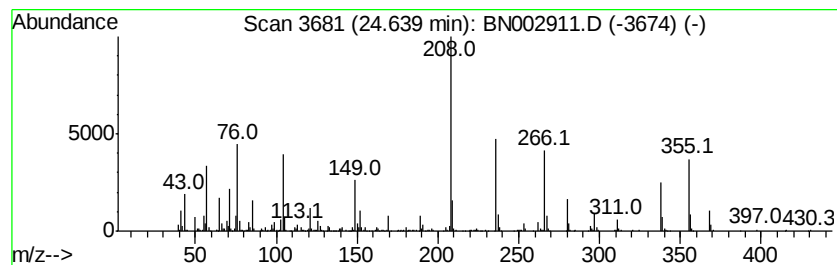
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.64	21.12 ng/ul	2134650	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,8-Anthracenediamine	208	C14H12N2	139312-39-3	22
2		Pyrimidine, 2-(2,4-difluoropheno...	208	C10H6F2N2O	1000260-37-2	15
3		Thiocyanic acid, (4-cvano-1,3,6,...	266	C12H6N6S	051080-11-6	12
4		Indol-2(2H)-one, 1,3-dihydro-3f(...	236	C15H12N2O	042407-86-3	12
5		4-(2-Ethyl-3-methyl-5(2H)-isoxaz...	208	C10H12N2O3	1000240-23-5	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
Data File : BN002911.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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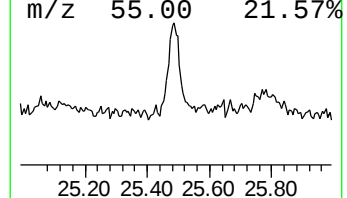
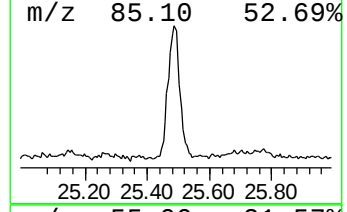
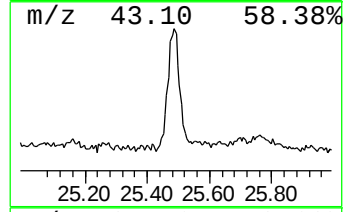
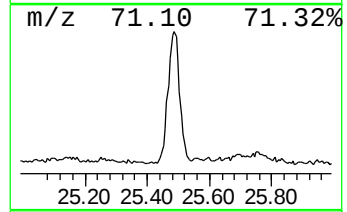
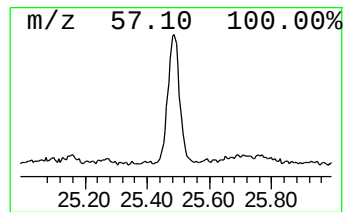
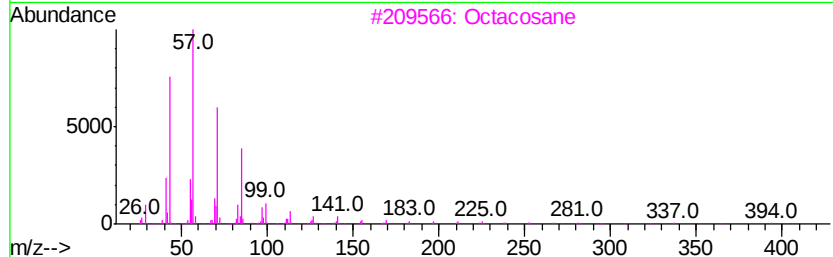
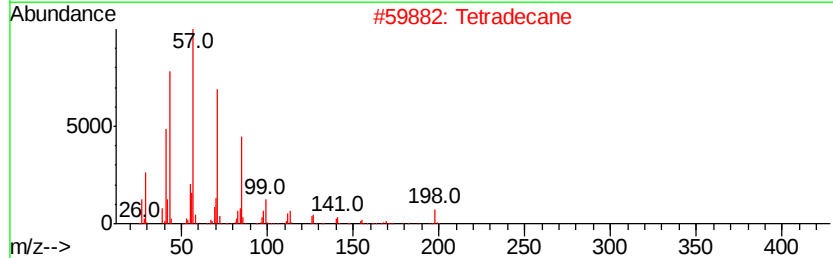
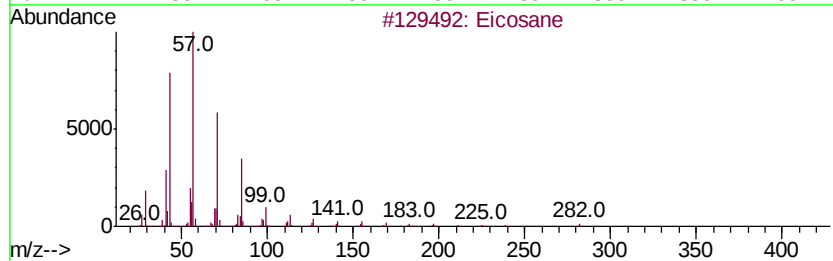
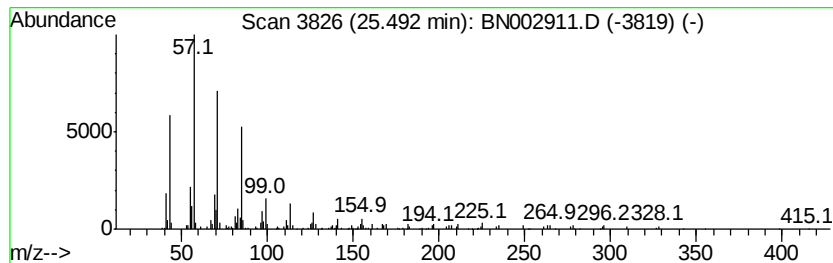
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.49	3.14 ng/ul	317893	Perylene-d12	23.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	95
2			Tetradecane	198	C14H30	000629-59-4	91
3			Octacosane	394	C28H58	000630-02-4	90
4			Hentriacontane	437	C31H64	000630-04-6	90
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
Data File : BN002911.D
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Misc :
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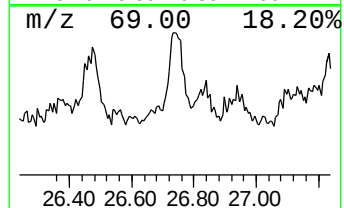
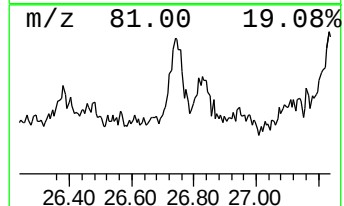
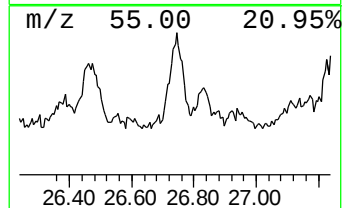
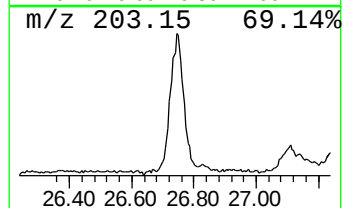
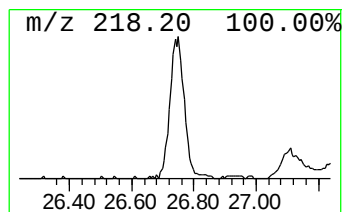
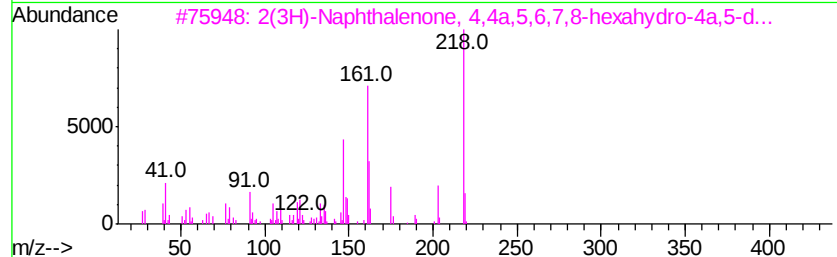
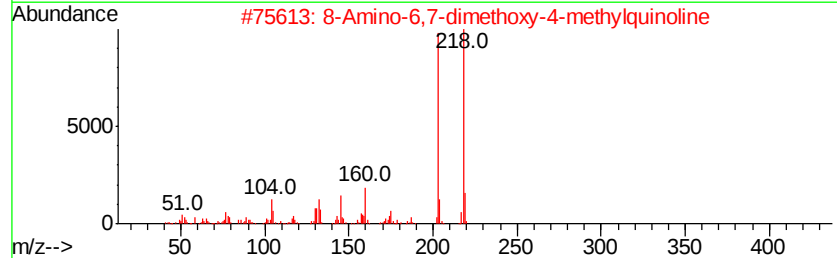
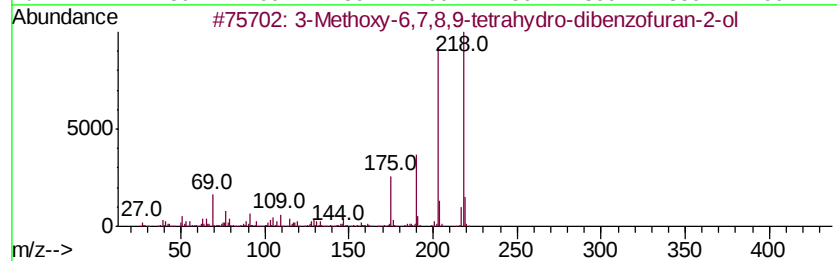
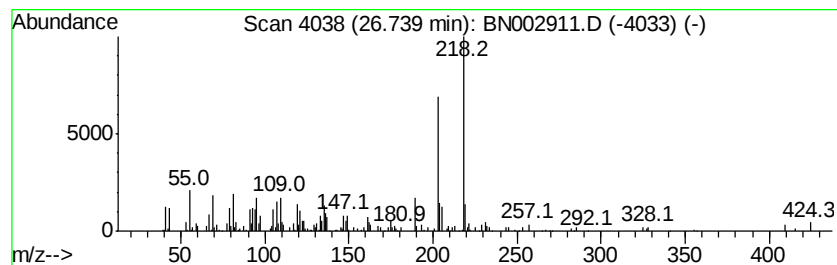
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 3-Methoxy-6,7,8,9-tetrahydr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.74	3.62 ng/ul	366219	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	80
2		8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	64
3		2(3H)-Naphthalenone, 4,4a,5,6,7,...	218	C15H22O	019598-45-9	46
4		5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	45
5		4H-Benz[de]anthracene, 5,6-dihydro-	218	C17H14	004389-09-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
Data File : BN002911.D
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Sample : J5115-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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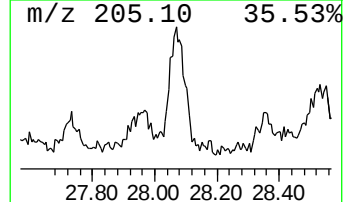
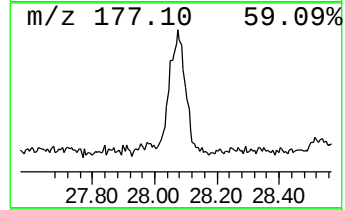
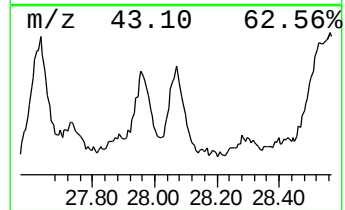
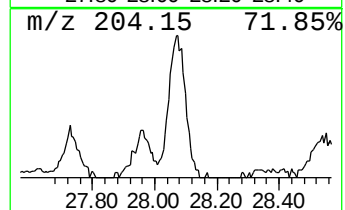
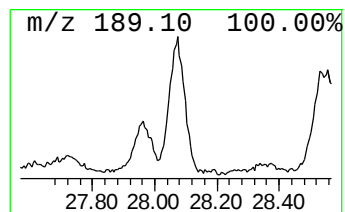
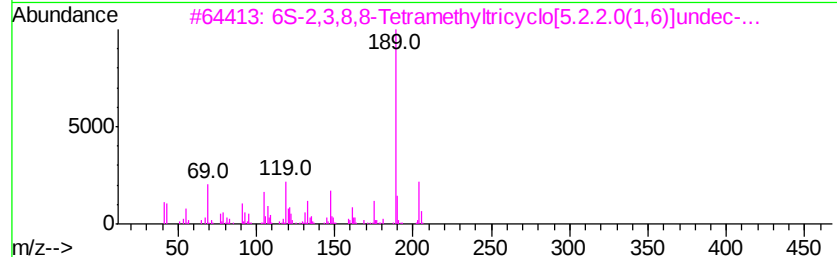
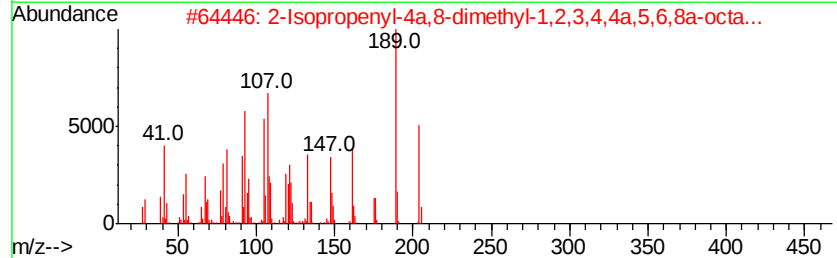
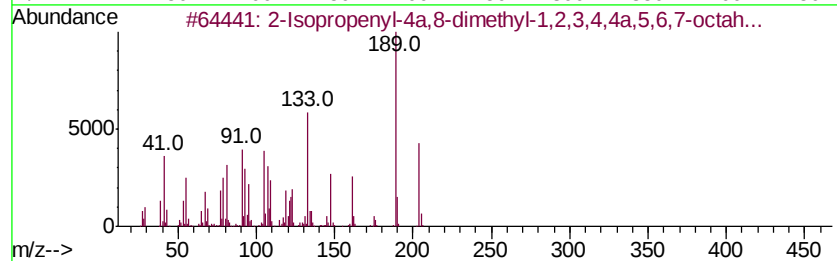
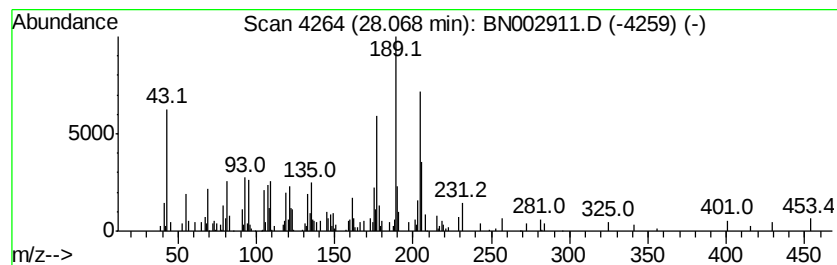
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 2-Isopropenyl-4a,8-dimethyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.07	4.38 ng/ul	442943	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000192-43-5	58
2		2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	55
3		6S-2,3,8,8-Tetramethyltricyclo[5...	204	C15H24	137235-48-4	52
4		Benzene, 1,3,5-tris(1-methylethyl)-	204	C15H24	000717-74-8	52
5		Naphthalene, 2,3,4,4a,5,6-hexahy...	204	C15H24	000473-14-3	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100418\
Data File : BN002911.D
Acq On : 03 Oct 2018 21:24
Operator : MJ/SJ
Sample : J5115-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLC61

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.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
.alpha.-Pinene	6.32	2.2	ng/ul	77984	1	7.62	702153	20.0
Hexanoic acid, 2-...	8.92	2.2	ng/ul	78160	1	7.62	702153	20.0
n-Hexadecanoic acid	17.92	2.4	ng/ul	232903	4	17.02	1938650	20.0
unknown-01	19.60	8.4	ng/ul	1102300	5	21.22	2612440	20.0
Trihexadecyl borate	20.94	2.8	ng/ul	365454	5	21.22	2612440	20.0
(DEL) Alkane: Str...	21.80	2.5	ng/ul	323196	5	21.22	2612440	20.0
(DEL) Alkane: Str...	23.93	5.0	ng/ul	505467	6	23.42	2021810	20.0
unknown-02	24.64	21.1	ng/ul	2134650	6	23.42	2021810	20.0
(DEL) Alkane: Str...	25.49	3.1	ng/ul	317893	6	23.42	2021810	20.0
3-Methoxy-6,7,8,9...	26.74	3.6	ng/ul	366219	6	23.42	2021810	20.0
2-Isopropenyl-4a,...	28.07	4.4	ng/ul	442943	6	23.42	2021810	20.0