

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
 Data File : BN003856.D
 Acq On : 12 Dec 2018 18:14
 Operator : JU/SJ
 Sample : J6228-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9E78

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-BN121218MA.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	3.017	3	5	22	rVB	66975	101393	8.51%	1.010%
2	6.987	674	680	690	rBB2	75168	143363	12.03%	1.427%
3	7.164	705	710	720	rBB	62482	94412	7.92%	0.940%
4	7.358	738	743	750	rBB	76693	115958	9.73%	1.155%
5	7.834	818	824	830	rBB	73855	115350	9.68%	1.148%
6	8.522	936	941	950	rBB	97100	151110	12.68%	1.505%
7	8.999	1016	1022	1030	rBB	77931	125652	10.54%	1.251%
8	9.716	1138	1144	1150	rBB	64761	101284	8.50%	1.008%
9	10.240	1228	1233	1243	rBB	105139	168134	14.11%	1.674%
10	10.628	1292	1299	1307	rBB	127086	203064	17.04%	2.022%
11	10.769	1317	1323	1337	rBB	107023	178806	15.00%	1.780%
12	13.234	1738	1742	1746	rBB	10949	12917	1.08%	0.129%
13	13.722	1821	1825	1831	rBV	97109	131061	11.00%	1.305%
14	13.869	1845	1850	1855	rBV	258256	350597	29.41%	3.491%
15	13.916	1855	1858	1866	rVB	96016	123586	10.37%	1.230%
16	14.163	1892	1900	1907	rBV	286991	415020	34.82%	4.132%
17	14.269	1914	1918	1921	rBV	20424	26513	2.22%	0.264%
18	14.346	1926	1931	1935	rVB	44992	53705	4.51%	0.535%
19	14.469	1946	1952	1959	rBV2	212565	311882	26.17%	3.105%
20	14.663	1979	1985	1999	rVB	105211	167255	14.03%	1.665%
21	15.457	2114	2120	2131	rVB	401155	554151	46.49%	5.517%
22	15.581	2136	2141	2148	rBV	123781	155684	13.06%	1.550%
23	15.740	2165	2168	2173	rBV	12267	12165	1.02%	0.121%
24	17.210	2412	2418	2425	rVB	307520	411072	34.49%	4.093%
25	17.310	2429	2435	2446	rVV	478861	641708	53.84%	6.389%
26	18.081	2562	2566	2572	rBV	21598	27235	2.28%	0.271%
27	19.504	2802	2808	2813	rBV2	21776	26702	2.24%	0.266%
28	19.604	2819	2825	2833	rBV	653561	838584	70.35%	8.349%
29	19.828	2859	2863	2868	rVB	27948	30459	2.56%	0.303%
30	20.298	2940	2943	2948	rBV	15852	21301	1.79%	0.212%
31	20.469	2968	2972	2977	rBV	453321	584504	49.04%	5.820%
32	20.510	2977	2979	2984	rVV2	27032	50105	4.20%	0.499%
33	20.557	2984	2987	2991	rVB	23043	26090	2.19%	0.260%
34	21.110	3074	3081	3092	rBV5	11596	41640	3.49%	0.415%

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35	21.392	3124	3129	3135	rBV	483274	621818	52.17%	6.191%
36	21.998	3228	3232	3237	rBV	11961	17530	1.47%	0.175%
37	22.433	3302	3306	3316	rBV2	21714	34155	2.87%	0.340%
38	22.951	3389	3394	3400	rBV	39002	57690	4.84%	0.574%
39	23.563	3489	3498	3513	rVB	607430	1191939	100.00%	11.868%
40	23.710	3515	3523	3532	rBV2	378307	718807	60.31%	7.157%
41	24.204	3600	3607	3614	rBV	47796	90676	7.61%	0.903%
42	24.974	3731	3738	3744	rBV	31804	66022	5.54%	0.657%
43	25.868	3884	3890	3901	rVB2	25032	66704	5.60%	0.664%
44	26.239	3944	3953	3963	rVB2	197325	536181	44.98%	5.339%
45	26.768	4039	4043	4050	rVB5	10740	20797	1.74%	0.207%
46	26.927	4066	4070	4081	rVB2	18013	49608	4.16%	0.494%
47	28.327	4301	4308	4318	rVB5	18853	59180	4.97%	0.589%

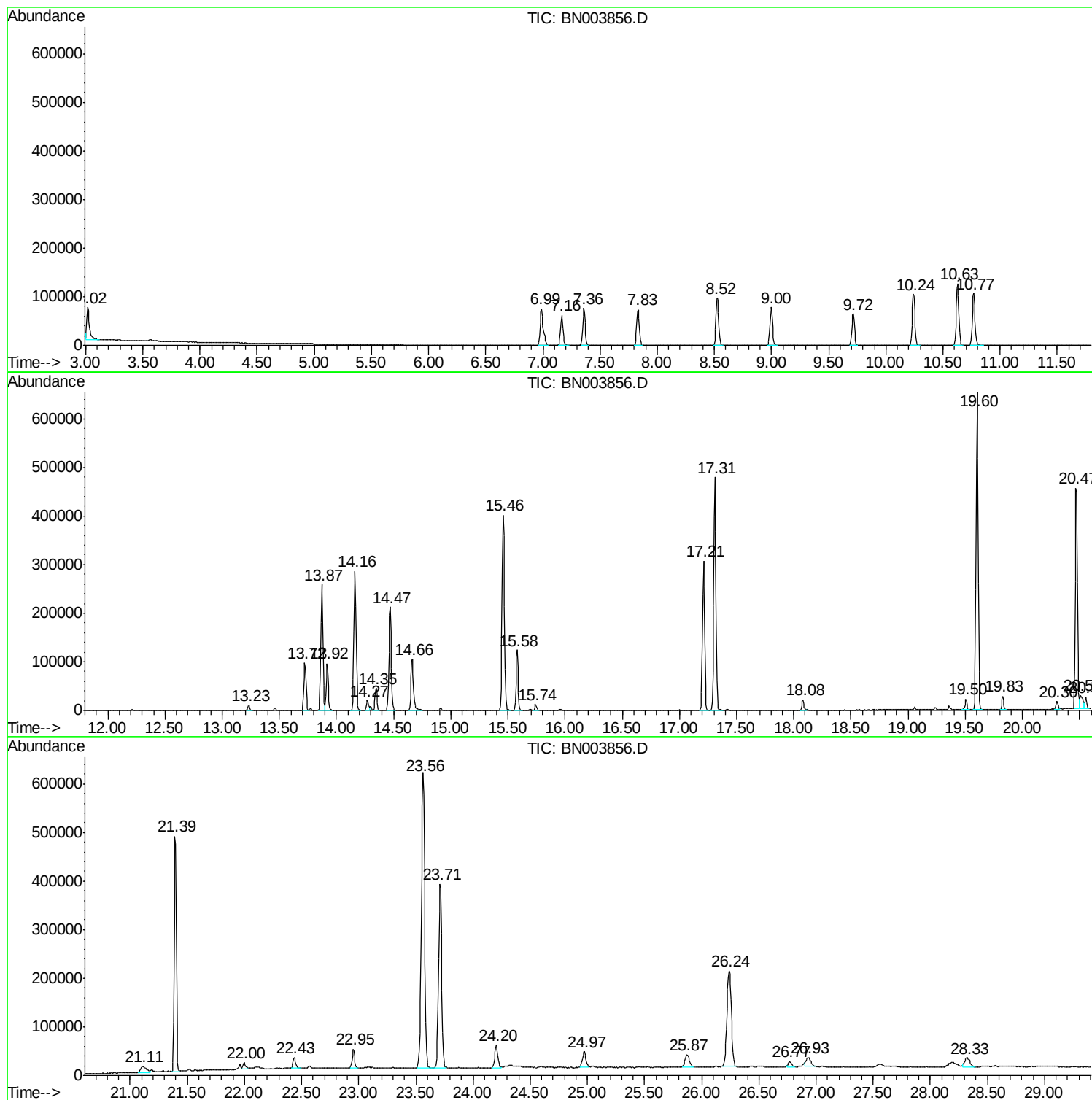
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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



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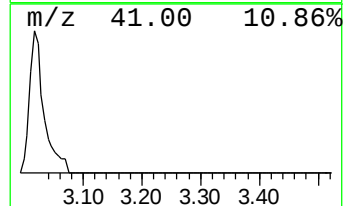
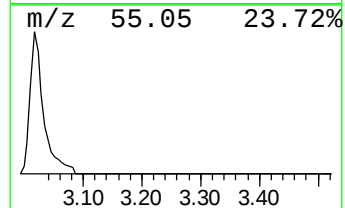
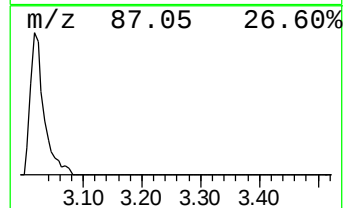
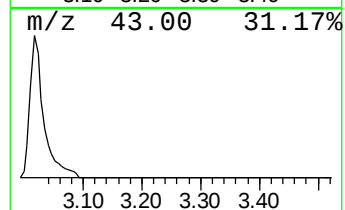
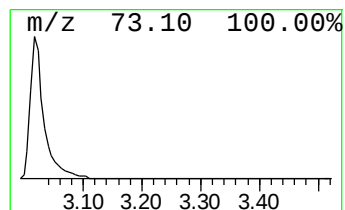
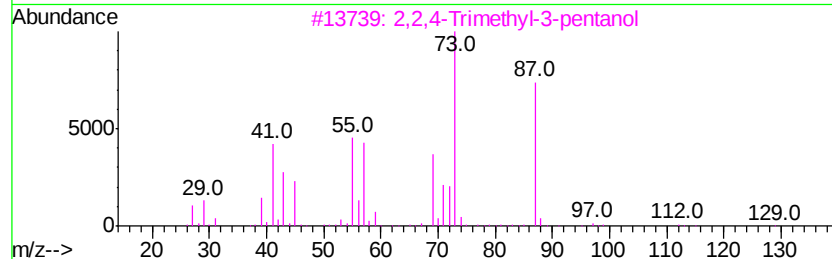
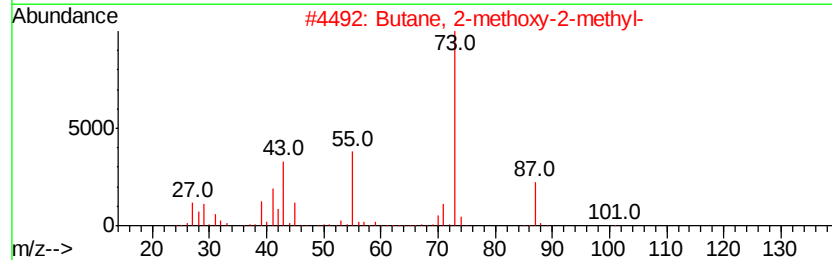
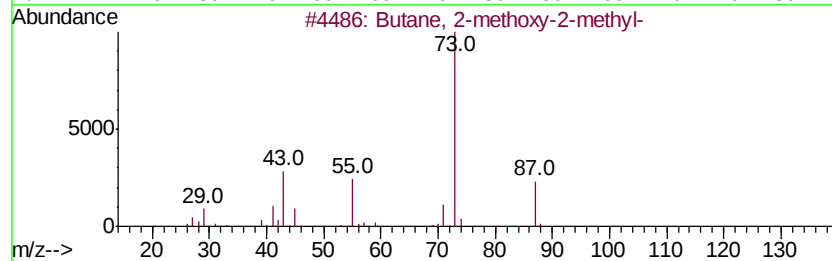
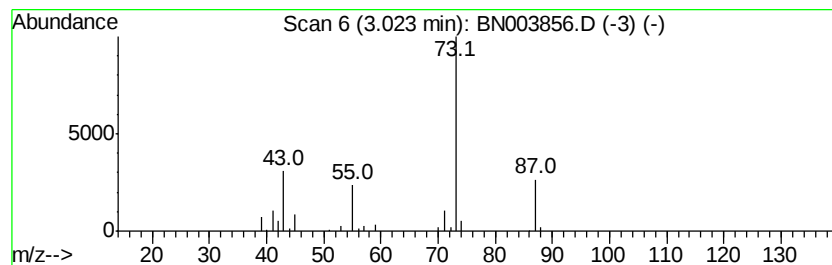
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	17.58 ng/ul	101393	1,4-Dichlorobenzene-d4	7.83

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	83
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10



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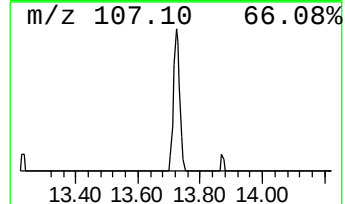
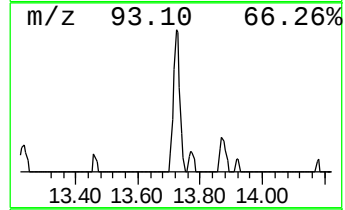
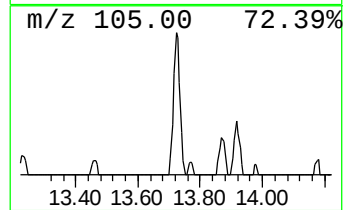
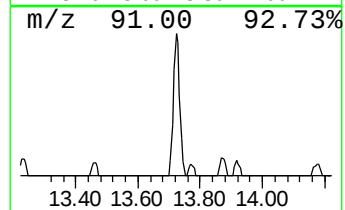
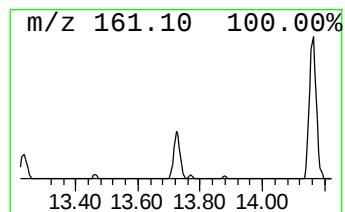
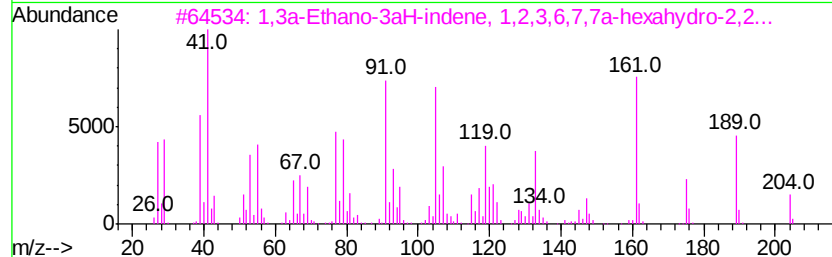
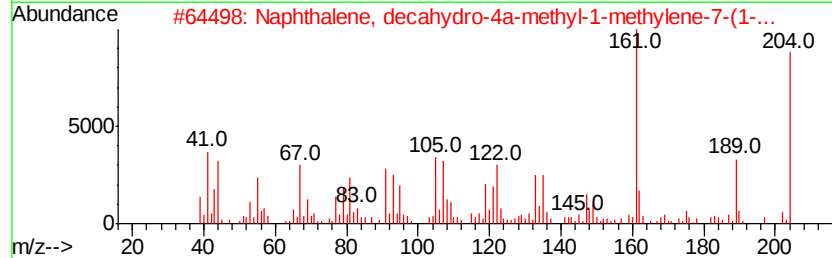
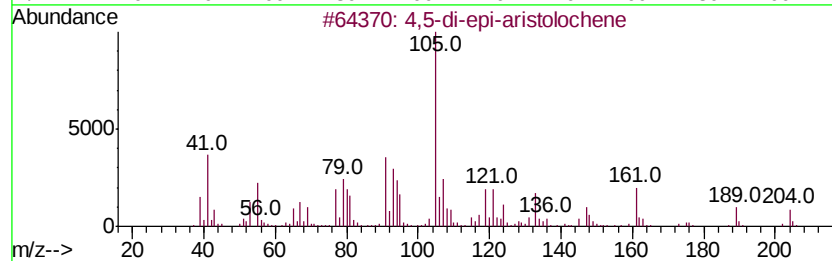
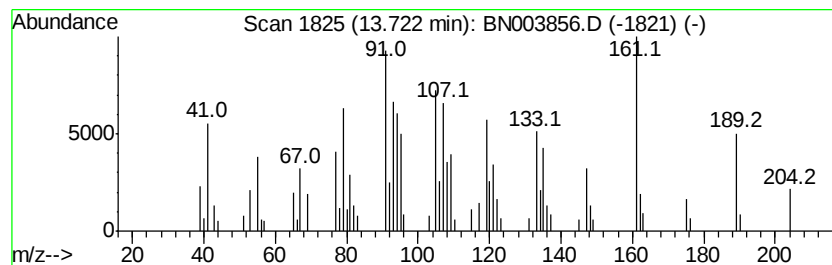
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Peak Number 2 4,5-di-epi-aristolochene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	8.40 ng/ul	131061	Acenaphthene-d10	14.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,5-di-epi-aristolochene	204	C15H24	1000374-17-1	64
2			Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	64
3			1,3a-Ethano-3aH-indene, 1,2,3,6,...	204	C15H24	004545-68-0	60
4			Tricyclo[4.1.0.0(2,4)]heptane, 3...	204	C15H24	056348-21-1	53
5			Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	52



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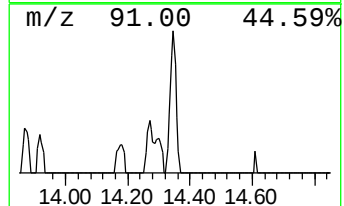
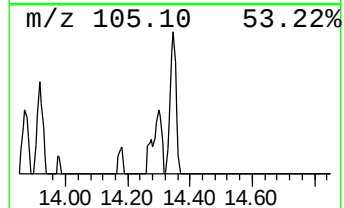
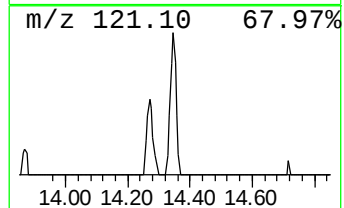
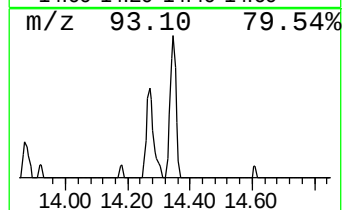
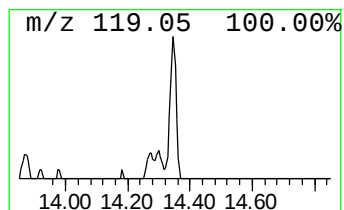
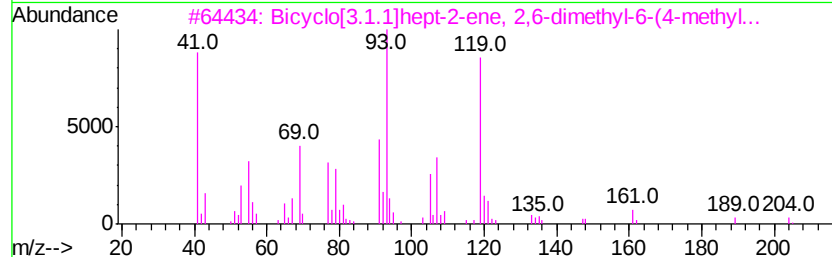
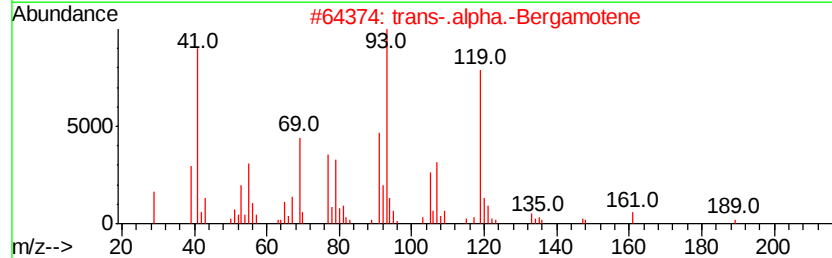
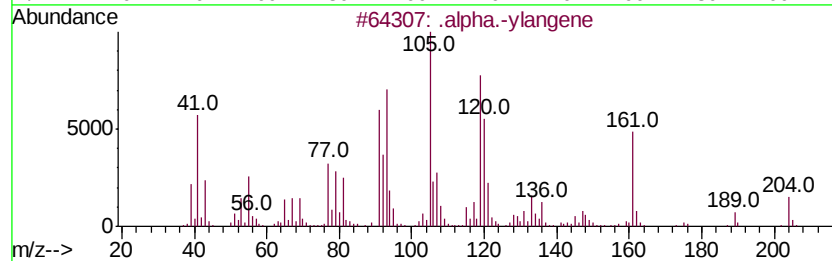
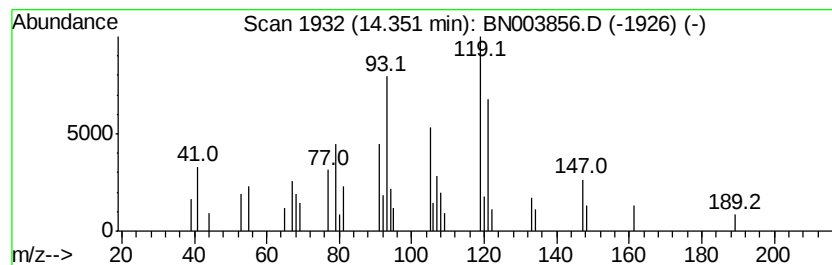
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 .alpha.-ylangene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	3.44 ng/ul	53705	Acenaphthene-d10	14.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-vlangene	204	C15H24	1000374-19-0	64
2		trans-.alpha.-Bergamotene	204	C15H24	013474-59-4	64
3		Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204	C15H24	017699-05-7	55
4		1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	50
5		1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	49



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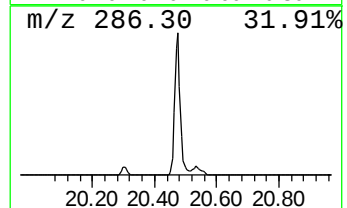
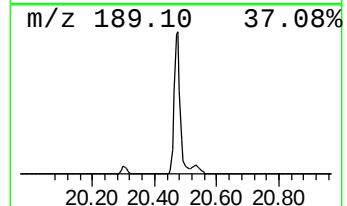
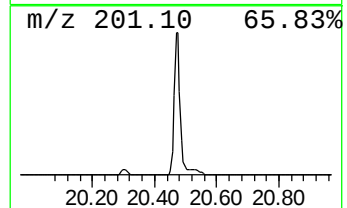
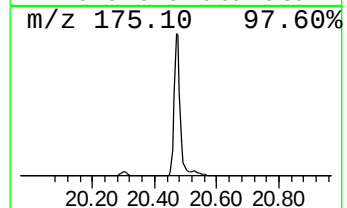
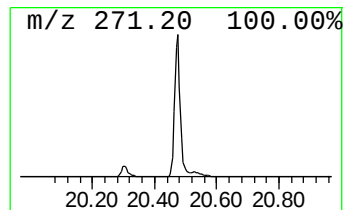
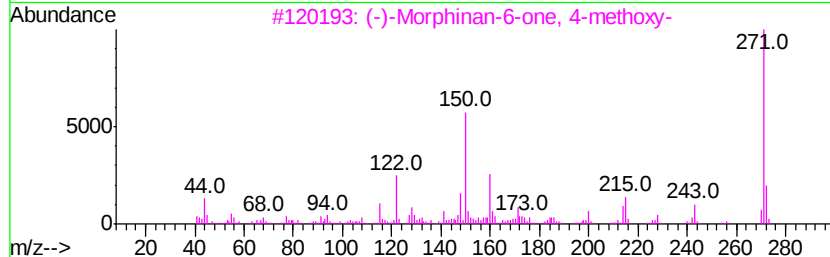
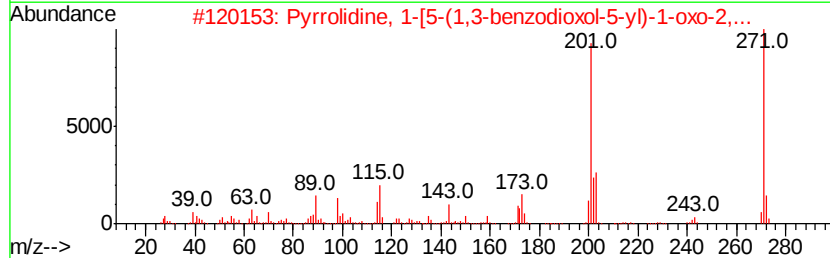
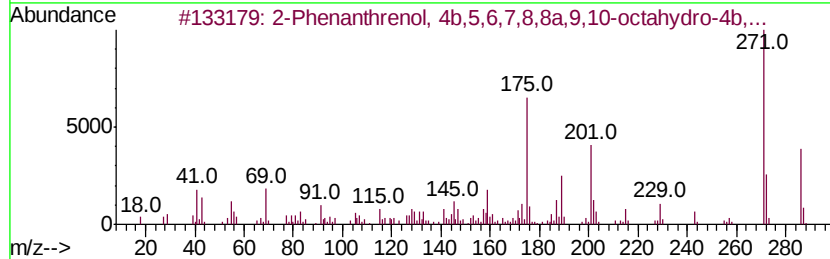
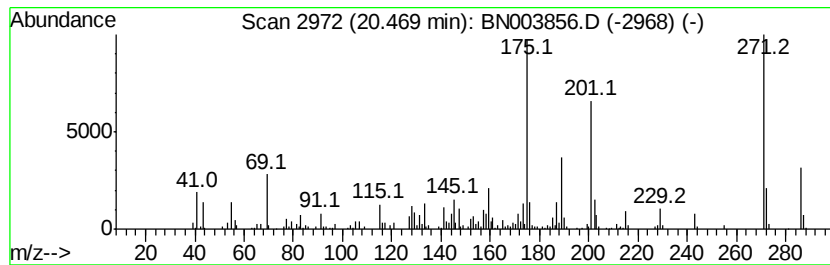
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Peak Number 4 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.47	18.80 ng/ul	584504	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	91
2		Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	30
3		(-)-Morphinan-6-one, 4-methoxy-	271	C17H21NO2	1000129-09-1	25
4		Dihydronormorphinone	271	C16H17NO3	014696-23-2	22
5		(+)-4-Methoxy-6-ketomorphinan	271	C17H21NO2	1000129-08-5	22



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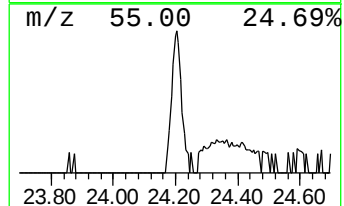
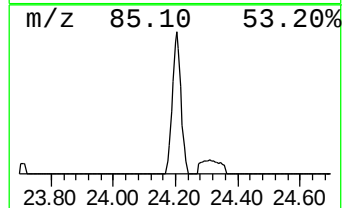
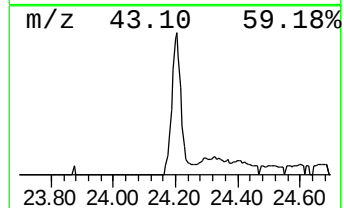
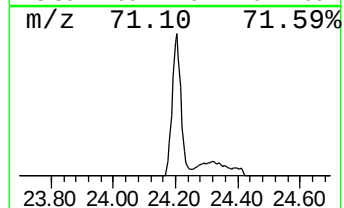
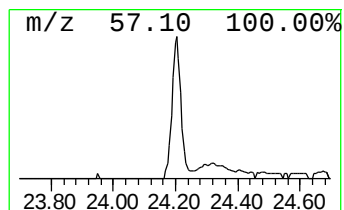
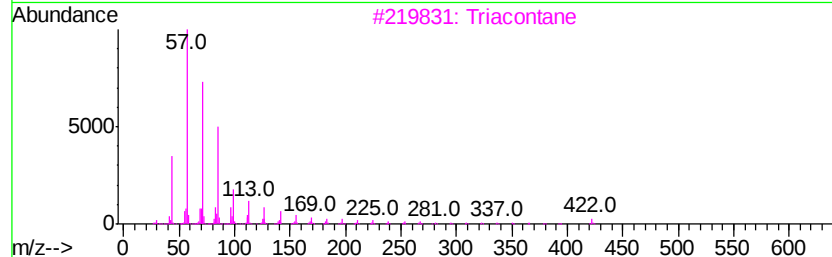
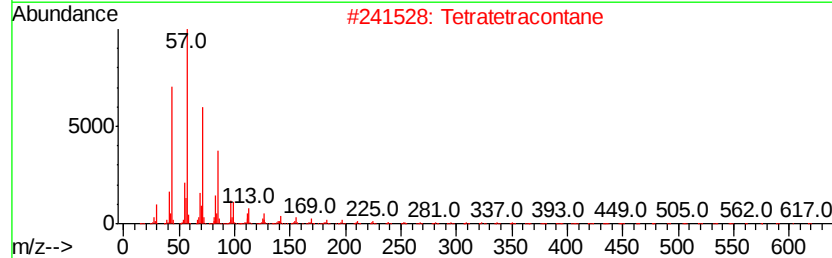
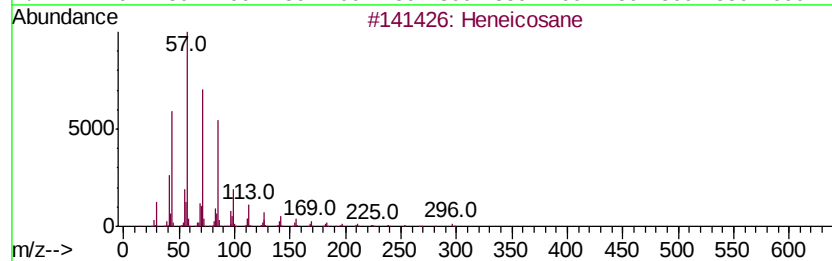
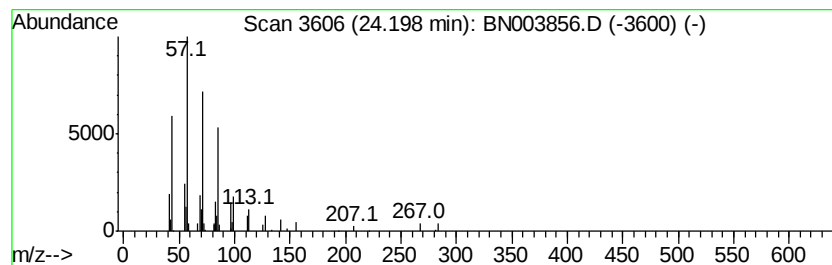
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	2.52 ng/ul	90676	Perylene-d12	23.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Tetratetracontane	619	C44H90	007098-22-8	91
3			Triacontane	422	C30H62	000638-68-6	91
4			2-methyloctacosane	408	C29H60	1000376-72-8	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
Data File : BN003856.D
Acq On : 12 Dec 2018 18:14
Operator : JU/SJ
Sample : J6228-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E78

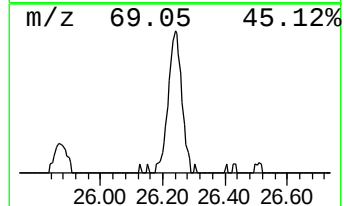
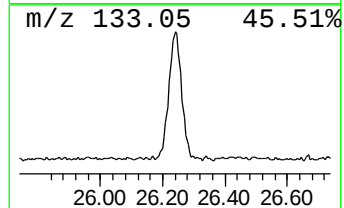
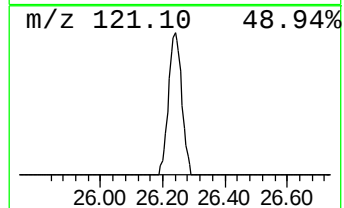
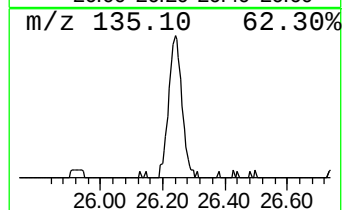
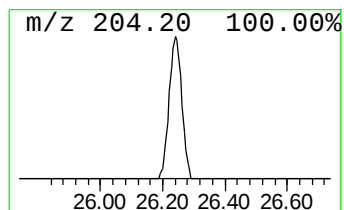
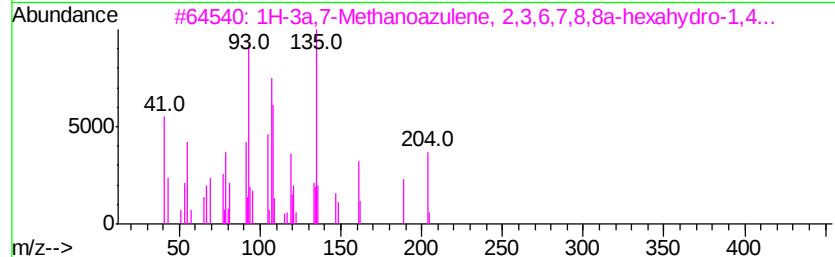
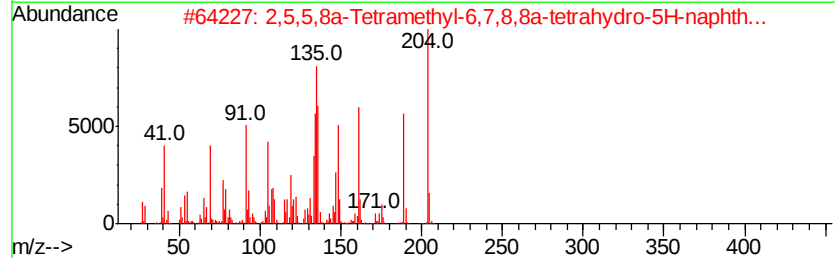
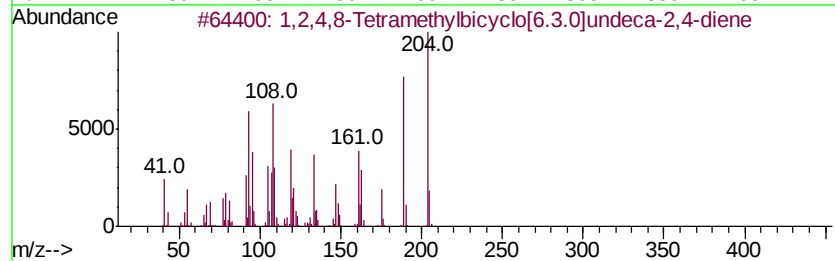
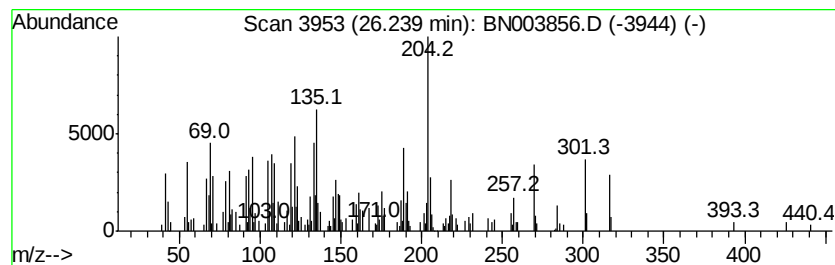
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,2,4,8-Tetramethylbicyclo[...] Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.24	14.92 ng/ul	536181	Perylene-d12	23.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	60
2		2,5,5,8a-Tetramethyl-6,7,8,8a-tetrahydro-5H-naphth[1,2-b:1',2'-d]azulene	204	C14H20O	124957-09-1	53
3		1H-3a,7-Methanoazulene, 2,3,6,7,8,8a-hexahydro-1,4-dimethano-	204	C15H24	000560-32-7	52
4		Guaia-3,9-diene	204	C15H24	000489-83-8	50
5		1H-Cycloprop[e]azulene, 1a,2,3,4,8,8a-hexahydro-	204	C15H24	000489-40-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121218\
Data File : BN003856.D
Acq On : 12 Dec 2018 18:14
Operator : JU/SJ
Sample : J6228-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.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
Butane, 2-methoxy...	3.02	17.6	ng/ul	101393	1	7.83	115350	20.0
4,5-di-epi-aristo...	13.72	8.4	ng/ul	131061	3	14.47	311882	20.0
.alpha.-ylangene	14.35	3.4	ng/ul	53705	3	14.47	311882	20.0
2-Phenanthrenol, ...	20.47	18.8	ng/ul	584504	5	21.39	621818	20.0
(DEL) Alkane: Str...	24.20	2.5	ng/ul	90676	6	23.71	718807	20.0
1,2,4,8-Tetrameth...	26.24	14.9	ng/ul	536181	6	23.71	718807	20.0