

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091418\
 Data File : BN002707.D
 Acq On : 15 Sep 2018 01:53
 Operator : JU/SJ
 Sample : J4865-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB3P2

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	3.223	36	40	47	rVB	25355	38619	1.52%	0.125%
2	3.834	139	144	151	rVB	24779	35971	1.42%	0.116%
3	6.352	565	572	579	rVB	345033	538068	21.23%	1.738%
4	6.840	649	655	669	rBV	404737	771961	30.46%	2.493%
5	6.993	675	681	692	rBV	347663	532967	21.03%	1.721%
6	7.087	692	697	708	rVB	29628	51374	2.03%	0.166%
7	7.187	708	714	725	rBV	437053	706380	27.87%	2.282%
8	7.652	785	793	802	rBV	569133	923858	36.46%	2.984%
9	7.869	825	830	835	rVB2	19773	28664	1.13%	0.093%
10	8.358	907	913	927	rBV	461119	814148	32.13%	2.630%
11	8.799	982	988	999	rBV	388473	653240	25.78%	2.110%
12	9.516	1102	1110	1120	rBV	318013	542322	21.40%	1.752%
13	10.058	1195	1202	1218	rBV	455024	837982	33.07%	2.707%
14	10.422	1256	1264	1272	rBV	772599	1310968	51.73%	4.234%
15	10.563	1282	1288	1302	rBV	391934	761219	30.04%	2.459%
16	13.699	1815	1821	1826	rBV	805118	1142111	45.07%	3.689%
17	13.746	1826	1829	1838	rVB	228675	311229	12.28%	1.005%
18	13.975	1860	1868	1883	rBV	986697	1441981	56.90%	4.657%
19	14.287	1914	1921	1932	rVB2	1064065	1599903	63.13%	5.168%
20	14.522	1955	1961	1979	rBV	207845	452488	17.86%	1.461%
21	15.281	2084	2090	2101	rBV	1224240	1775261	70.05%	5.734%
22	15.422	2109	2114	2125	rBV	306664	469001	18.51%	1.515%
23	15.922	2192	2199	2210	rVB	50095	73487	2.90%	0.237%
24	17.034	2382	2388	2398	rVB2	1291642	1812746	71.53%	5.855%
25	17.134	2399	2405	2416	rVV	1245469	1765054	69.65%	5.701%
26	17.939	2538	2542	2551	rBV2	31385	53166	2.10%	0.172%
27	19.104	2737	2740	2746	rVB	30673	37380	1.48%	0.121%
28	19.433	2790	2796	2805	rBV2	1488591	2189516	86.40%	7.072%
29	20.492	2972	2976	2980	rVV3	63166	73398	2.90%	0.237%
30	20.963	3052	3056	3065	rBV6	81306	225059	8.88%	0.727%
31	21.233	3097	3102	3115	rVV	1564121	2171791	85.70%	7.015%
32	21.392	3126	3129	3133	rVB2	44988	57857	2.28%	0.187%
33	21.828	3199	3203	3206	rBV	50370	64971	2.56%	0.210%
34	22.280	3276	3280	3284	rBV	97330	124489	4.91%	0.402%

LSC Area Percent Report

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	22.780	3360	3365	3372	rBV2	154390	271398	10.71%	0.877%
36	23.310	3448	3455	3469	rVB	1292436	2534143	100.00%	8.185%
37	23.451	3472	3479	3492	rVB	1174725	2184370	86.20%	7.055%
38	23.963	3560	3566	3573	rVB	164220	326402	12.88%	1.054%
39	24.686	3683	3689	3696	rBV	138682	293924	11.60%	0.949%
40	25.533	3828	3833	3844	rVB	102208	240472	9.49%	0.777%
41	28.215	4281	4289	4301	rVB3	202661	721407	28.47%	2.330%

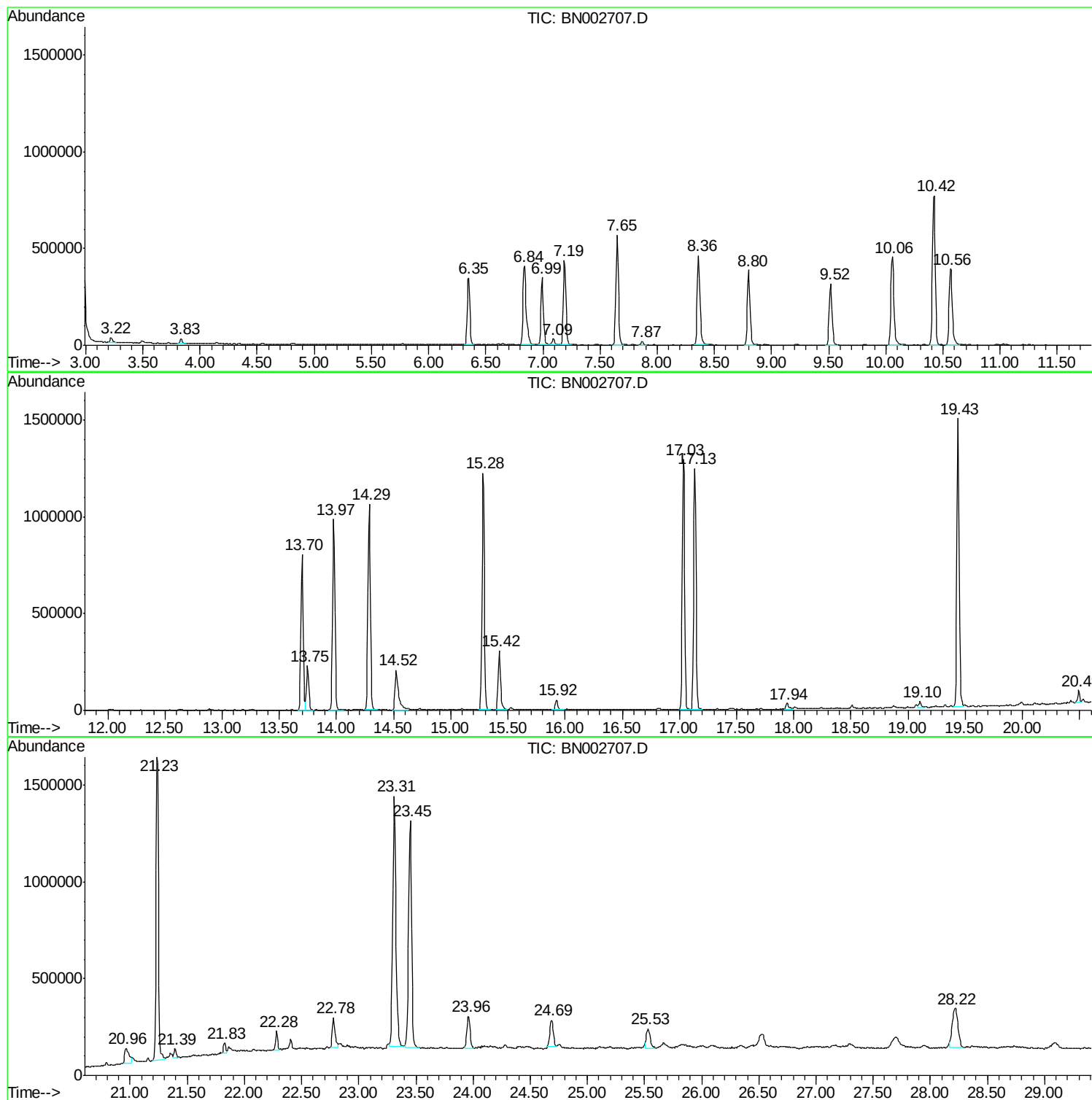
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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



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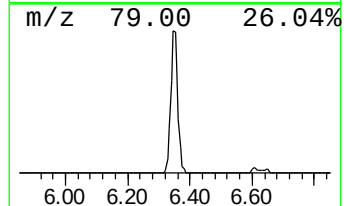
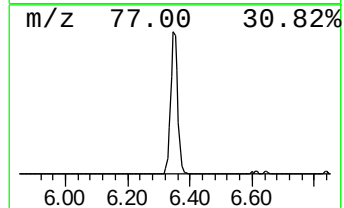
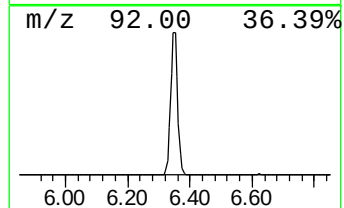
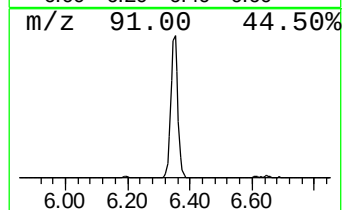
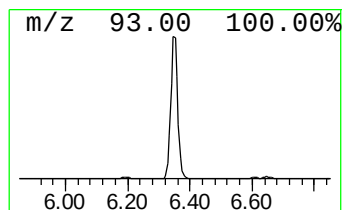
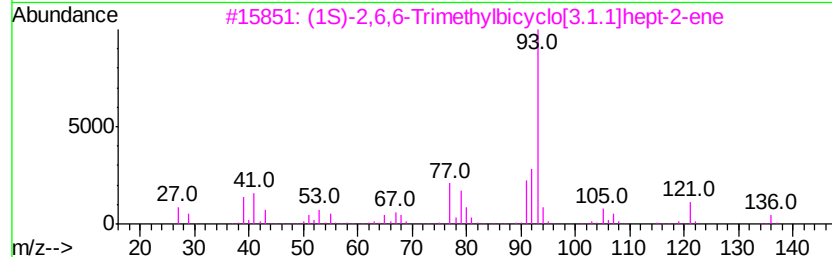
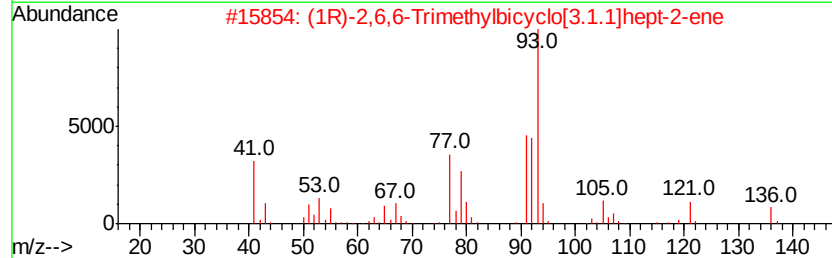
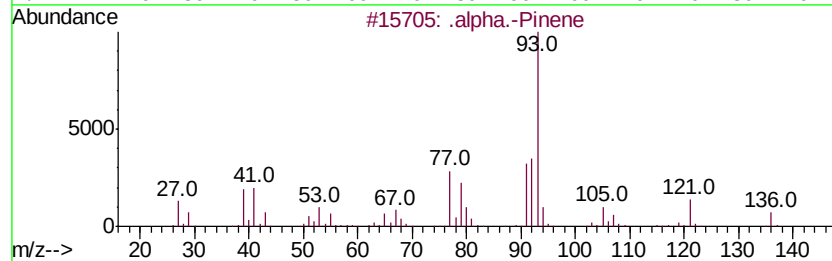
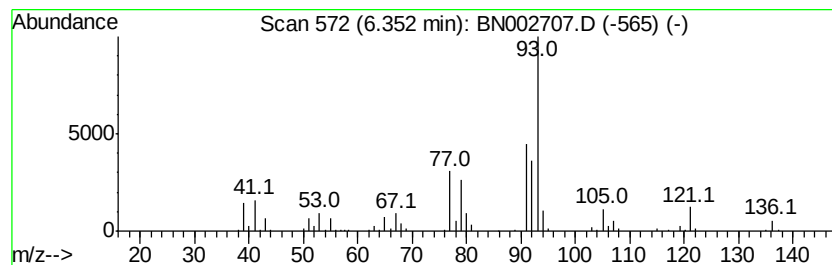
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.35	11.65 ng/ul	538068	1,4-Dichlorobenzene-d4	7.65		
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		(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	95
4		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
5		.alpha.-Pinene	136	C10H16	000080-56-8	95



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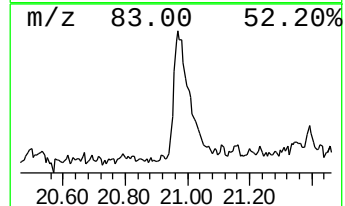
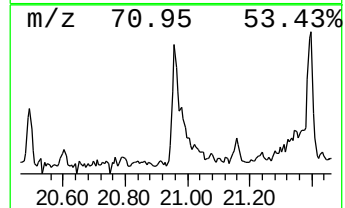
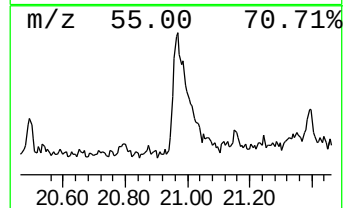
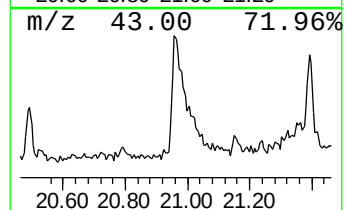
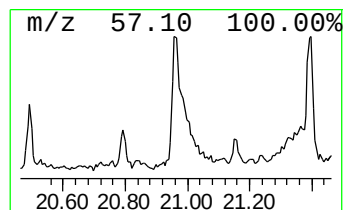
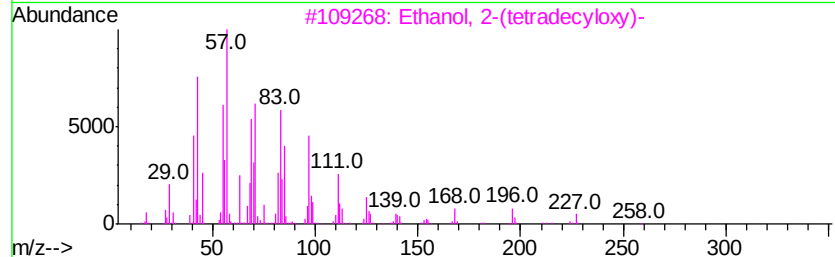
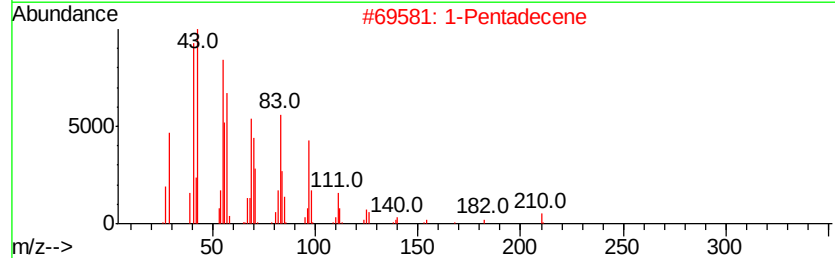
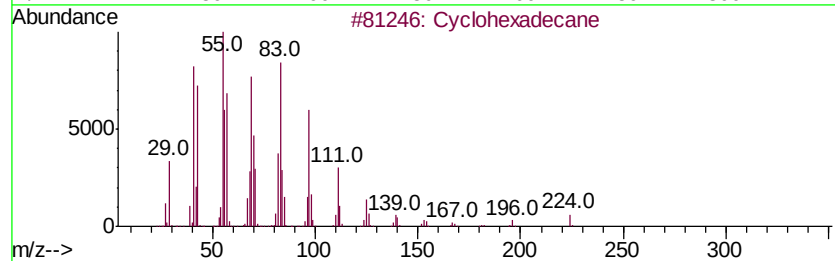
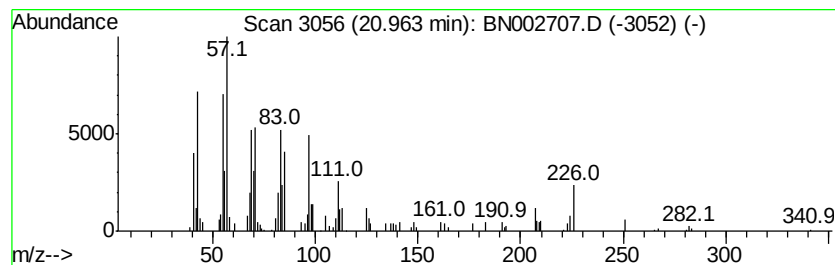
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.96 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.07 ng/ul	225059	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	90
2		1-Pentadecene	210	C15H30	013360-61-7	87
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
4		Cyclopentadecane	210	C15H30	000295-48-7	84
5		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	81



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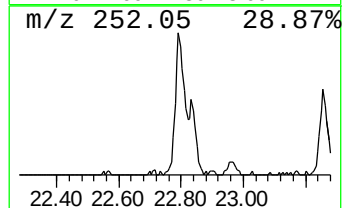
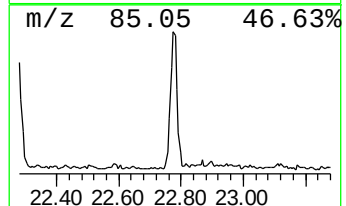
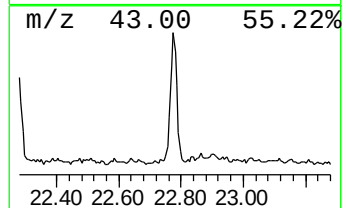
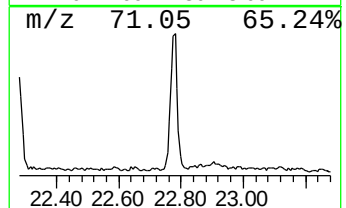
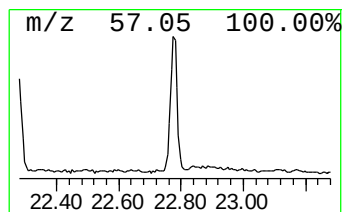
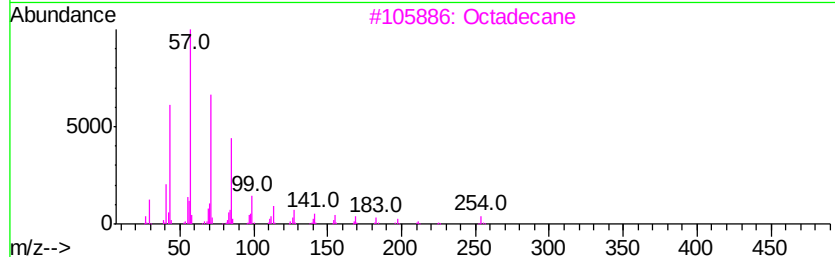
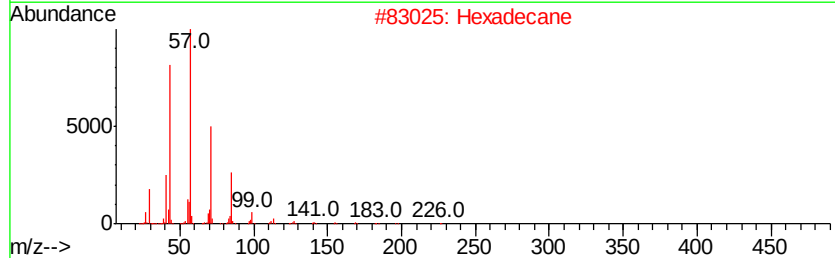
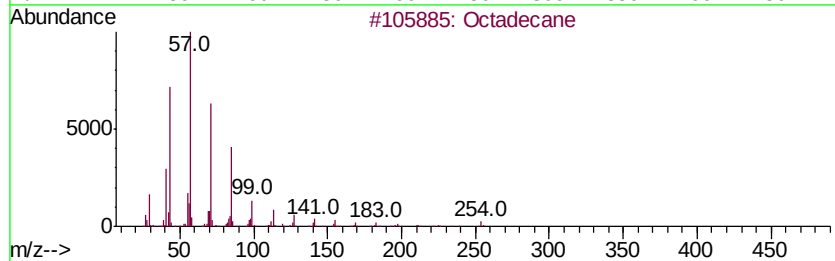
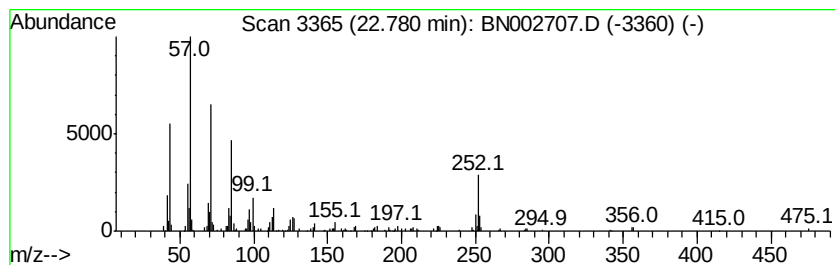
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.78	2.48 ng/ul	271398	Perylene-d12	23.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	94
2		Hexadecane	226	C16H34	000544-76-3	93
3		Octadecane	254	C18H38	000593-45-3	93
4		Hexadecane	226	C16H34	000544-76-3	92
5		Tetracosane	338	C24H50	000646-31-1	81



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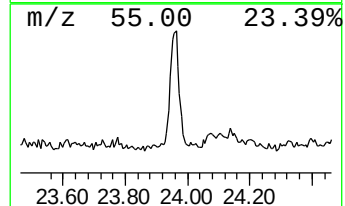
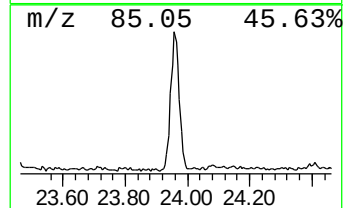
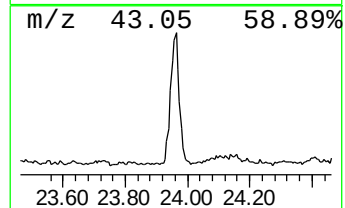
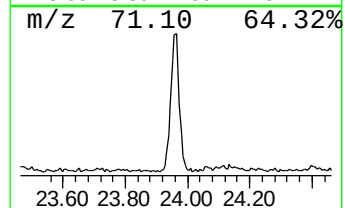
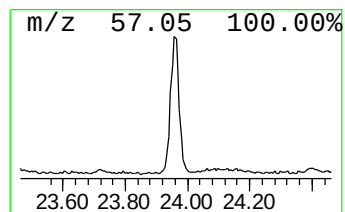
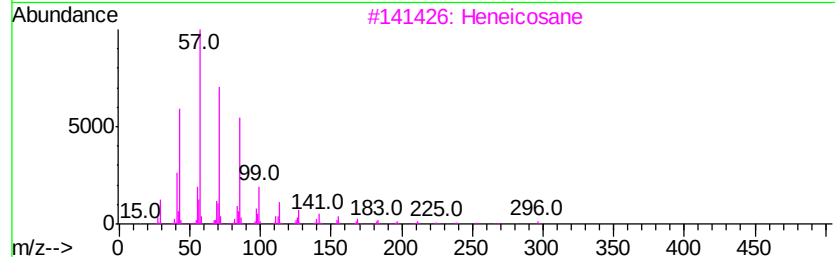
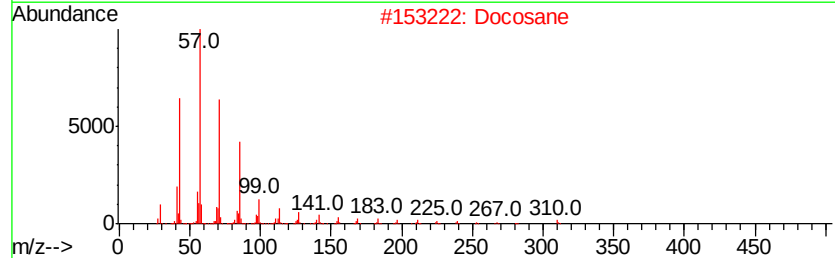
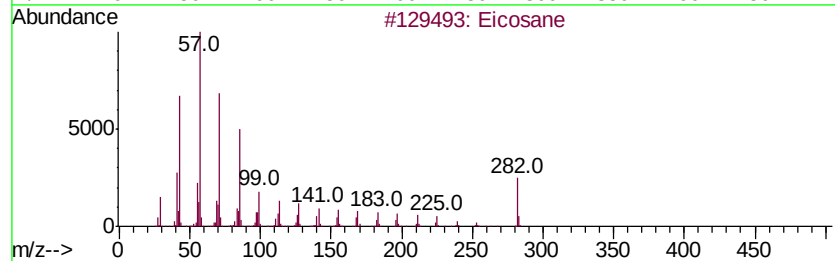
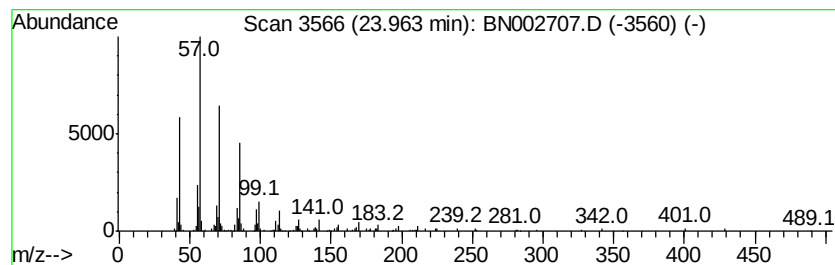
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	2.99 ng/ul	326402	Perylene-d12	23.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Docosane	310	C22H46	000629-97-0	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Triacontane	422	C30H62	000638-68-6	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



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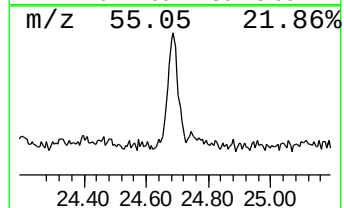
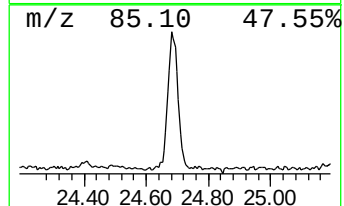
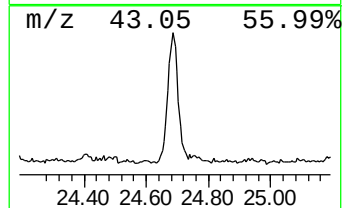
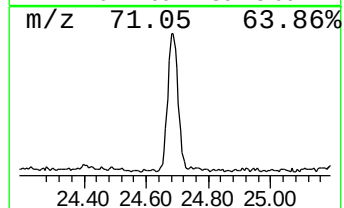
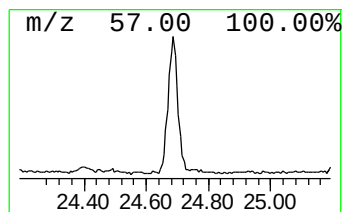
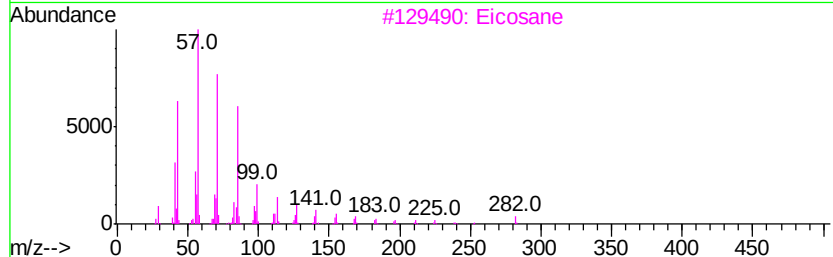
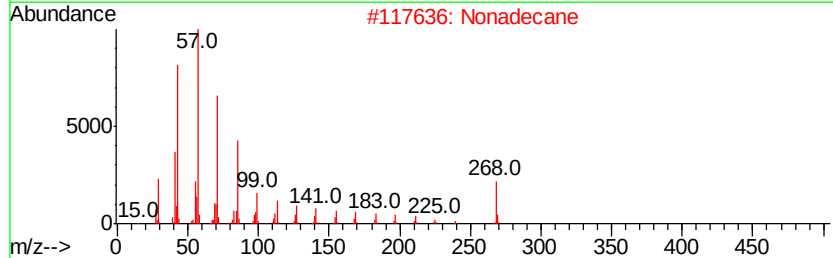
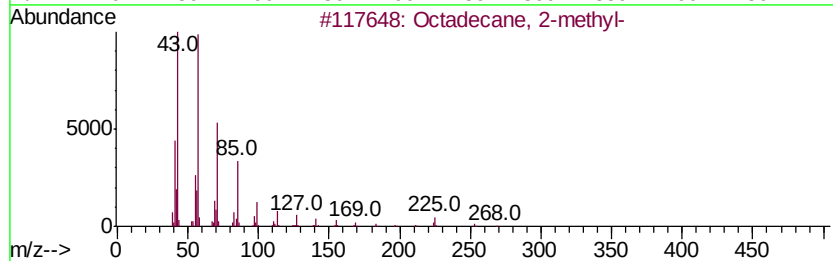
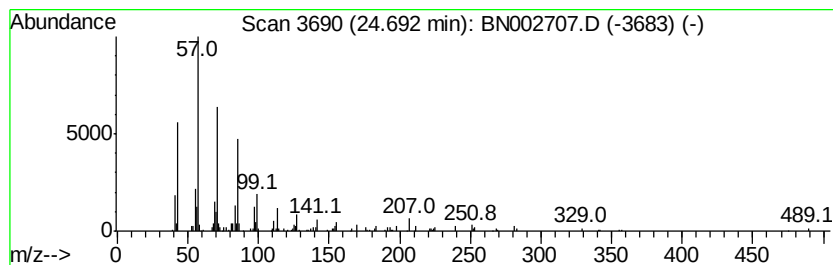
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	2.69 ng/ul	293924	Perylene-d12	23.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Nonadecane	268	C19H40	000629-92-5	91
3		Eicosane	282	C20H42	000112-95-8	90
4		triacontane	422	C30H62	000638-68-6	90
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091418\
Data File : BN002707.D
Acq On : 15 Sep 2018 01:53
Operator : JU/SJ
Sample : J4865-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB3P2

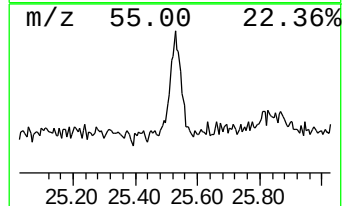
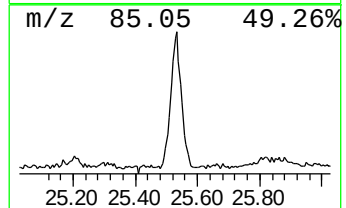
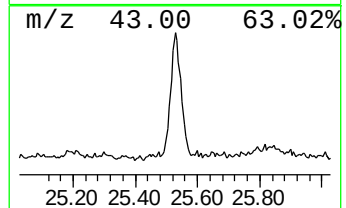
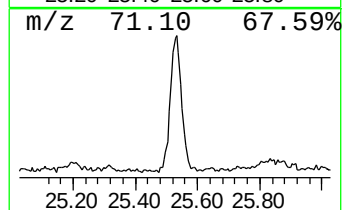
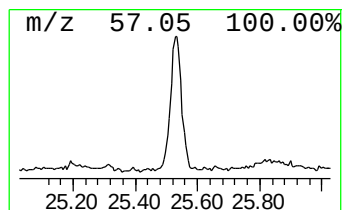
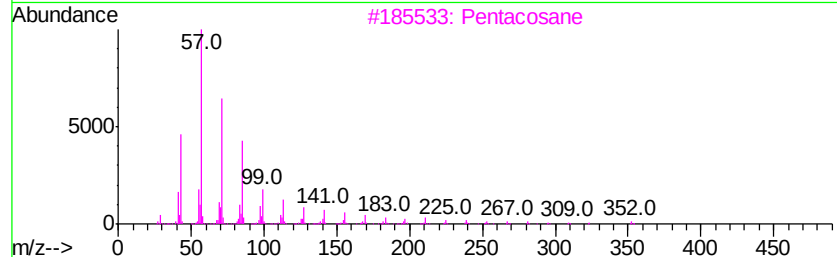
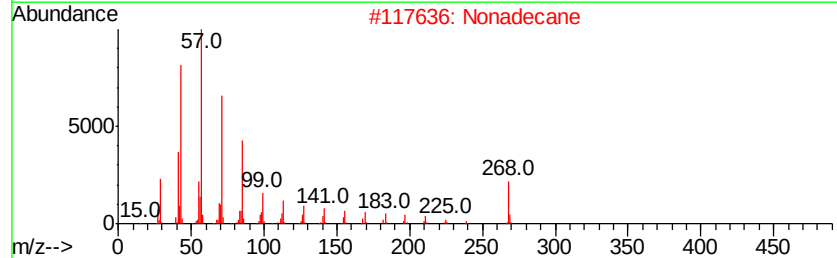
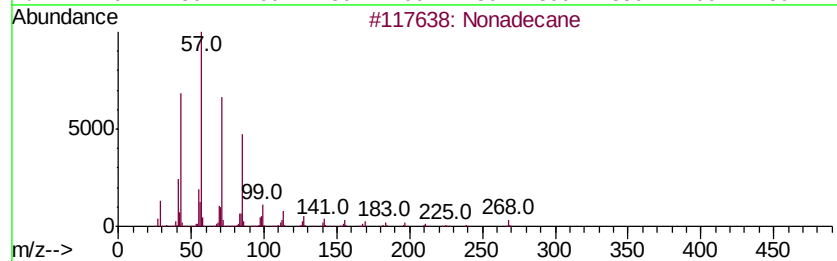
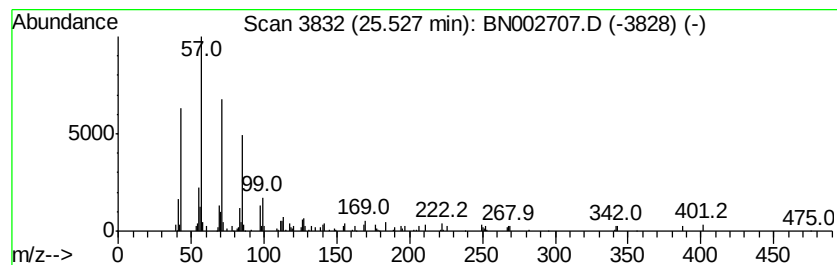
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.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.
25.53	2.20 ng/ul	240472	Perylene-d12	23.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Nonadecane	268	C19H40	000629-92-5	89
3		Pentacosane	352	C25H52	000629-99-2	87
4		Heneicosane	296	C21H44	000629-94-7	83
5		Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091418\
Data File : BN002707.D
Acq On : 15 Sep 2018 01:53
Operator : JU/SJ
Sample : J4865-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

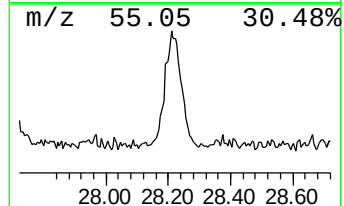
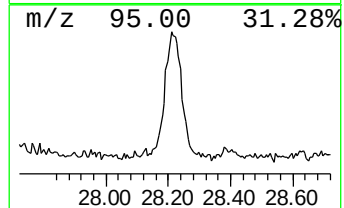
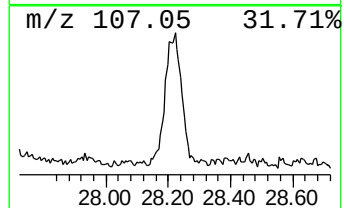
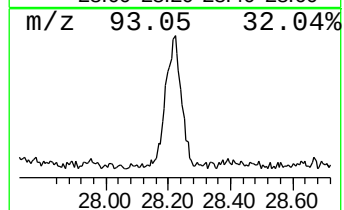
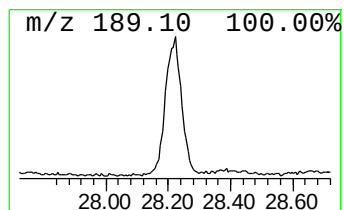
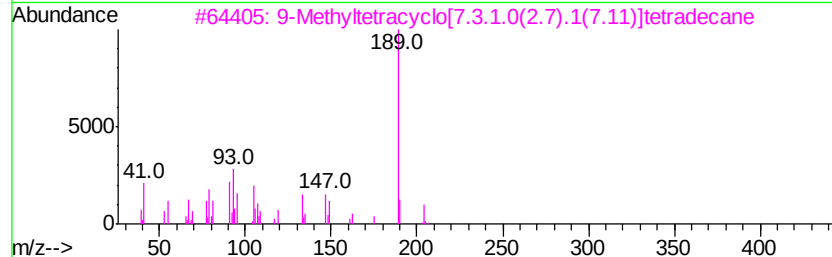
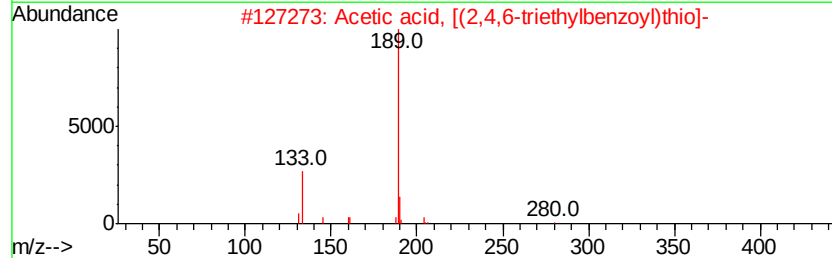
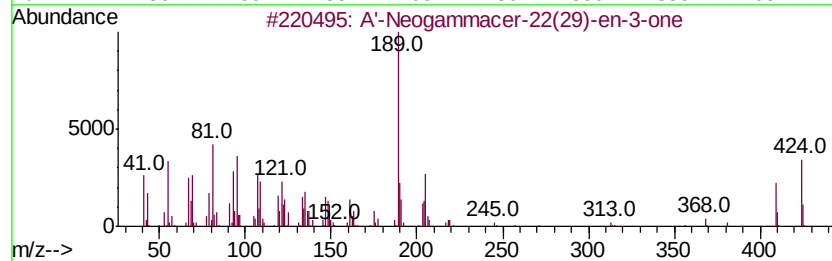
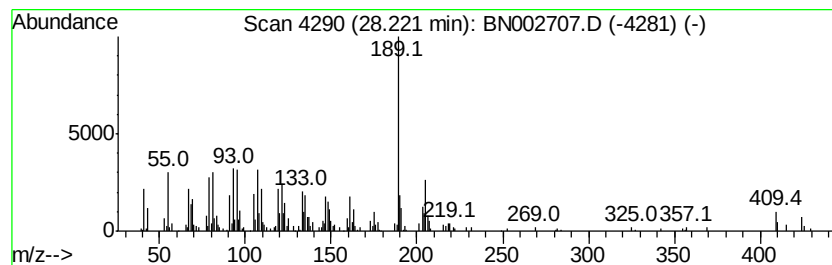
Instrument :
BNA_N
ClientSampleId :
DB3P2

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 7 A'-Neogammacer-22(29)-en-3-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
28.22	6.61 ng/ul	721407	Perylene-d12	23.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	A'-Neogammacer-22(29)-en-3-one	424	C30H48O	025615-11-6	98
2	Acetic acid, [(2,4,6-triethylben...	280	C15H20O3S	067902-78-7	50
3	9-Methyltetracyclo[7.3.1.0(2.7)...	204	C15H24	1000215-30-5	49
4	Propanenitrile, 3-oxo-3-[2-(3-pv...	229	C11H7N3OS	1000270-54-6	43
5	(-)-1,2,2.alpha.,3,3,4,6,7,8,8.a...	204	C15H24	1000365-86-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091418\
Data File : BN002707.D
Acq On : 15 Sep 2018 01:53
Operator : JU/SJ
Sample : J4865-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB3P2

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	6.35	11.7	ng/ul	538068	1	7.65	923858	20.0
(DEL) Alkane: Cyc...	20.96	2.1	ng/ul	225059	5	21.23	2171790	20.0
(DEL) Alkane: Str...	22.78	2.5	ng/ul	271398	6	23.45	2184370	20.0
(DEL) Alkane: Str...	23.96	3.0	ng/ul	326402	6	23.45	2184370	20.0
(DEL) Alkane: Str...	24.69	2.7	ng/ul	293924	6	23.45	2184370	20.0
(DEL) Alkane: Str...	25.53	2.2	ng/ul	240472	6	23.45	2184370	20.0
A'-Neogammacer-22...	28.22	6.6	ng/ul	721407	6	23.45	2184370	20.0