

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071918\
 Data File : BN002083.D
 Acq On : 19 Jul 2018 21:51
 Operator : JU/SJ
 Sample : J4023-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB1K9

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-BN071318MA.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	3.258	43	46	55	rVB	45815	65748	1.24%	0.095%
2	6.881	654	662	677	rBV	761234	1352841	25.45%	1.960%
3	7.040	683	689	698	rBV	652626	980816	18.45%	1.421%
4	7.240	716	723	734	rVB	788305	1277912	24.04%	1.851%
5	7.699	793	801	809	rBV	991490	1604469	30.18%	2.324%
6	8.405	914	921	933	rBV	952279	1581198	29.75%	2.290%
7	8.846	989	996	1006	rBV	810283	1343502	25.27%	1.946%
8	9.563	1110	1118	1128	rBV	679487	1135958	21.37%	1.645%
9	10.099	1202	1209	1220	rBV	1014032	1740537	32.74%	2.521%
10	10.475	1265	1273	1281	rBV	1529885	2532694	47.65%	3.669%
11	10.610	1289	1296	1309	rBV	921612	1575569	29.64%	2.282%
12	13.657	1807	1814	1821	rBV	752167	1073136	20.19%	1.554%
13	13.745	1822	1829	1833	rVV	2032422	2797791	52.63%	4.053%
14	13.793	1833	1837	1842	rVB	939500	1238896	23.31%	1.795%
15	14.022	1868	1876	1888	rBV	2298416	3375412	63.50%	4.889%
16	14.334	1922	1929	1937	rVB2	2345732	3545129	66.69%	5.135%
17	14.545	1959	1965	1982	rBV	690714	1210000	22.76%	1.753%
18	15.328	2092	2098	2105	rBV	2927089	4181498	78.67%	6.057%
19	15.451	2114	2119	2129	rBV	884429	1265582	23.81%	1.833%
20	15.563	2134	2138	2150	rVB3	33011	55345	1.04%	0.080%
21	17.081	2389	2396	2405	rBV	3115542	4301297	80.92%	6.231%
22	17.181	2406	2413	2422	rVB	3168174	4441957	83.57%	6.434%
23	17.986	2545	2550	2558	rBV	270609	406480	7.65%	0.589%
24	19.480	2797	2804	2811	rBV	3869736	5315557	100.00%	7.700%
25	19.539	2811	2814	2818	rVB3	50231	59136	1.11%	0.086%
26	20.045	2895	2900	2904	rBV2	62663	84989	1.60%	0.123%
27	20.539	2980	2984	2988	rBV2	103071	122913	2.31%	0.178%
28	20.833	3029	3034	3040	rVB	2402034	2742383	51.59%	3.972%
29	21.010	3060	3064	3066	rBV	147431	187693	3.53%	0.272%
30	21.051	3066	3071	3087	rVB4	235557	899746	16.93%	1.303%
31	21.280	3104	3110	3116	rBV	3736129	4795983	90.23%	6.947%
32	21.445	3134	3138	3142	rBV	196482	224787	4.23%	0.326%
33	21.880	3208	3212	3216	rBV	202522	242989	4.57%	0.352%
34	22.345	3287	3291	3296	rVB	228704	311445	5.86%	0.451%

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35	22.469	3308	3312	3317	rVB	585865	785343	14.77%	1.138%
36	22.851	3372	3377	3382	rVB	301923	448154	8.43%	0.649%
37	23.374	3458	3466	3471	rBV	2396868	4660836	87.68%	6.751%
38	23.510	3482	3489	3499	rVB2	2148796	4159153	78.24%	6.025%
39	24.057	3577	3582	3588	rVB	286541	537441	10.11%	0.778%
40	24.798	3703	3708	3717	rVB	181943	373579	7.03%	0.541%

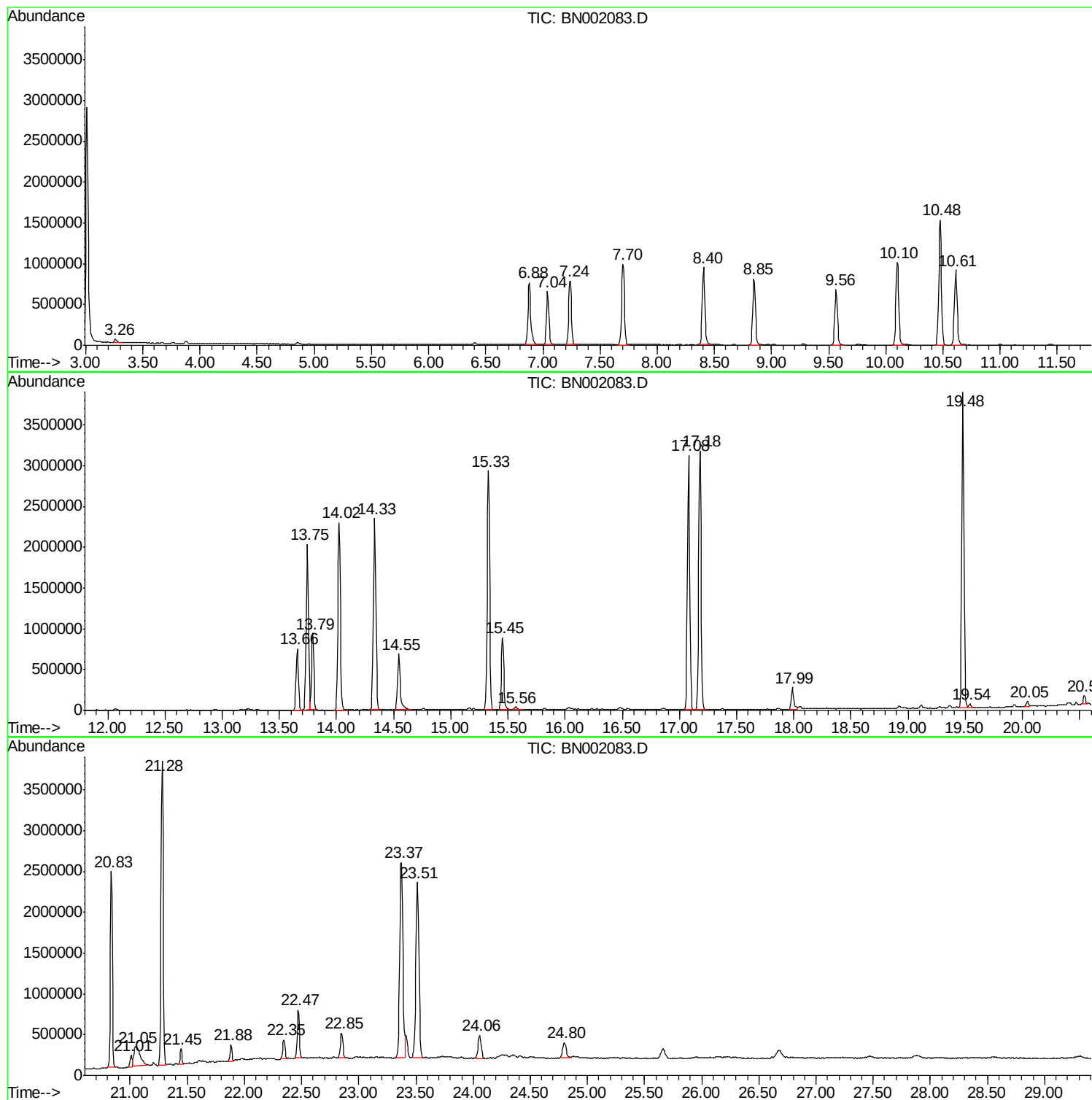
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Quant Title : SVOA CALIBRATION

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



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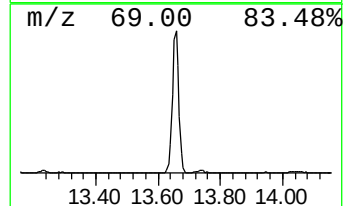
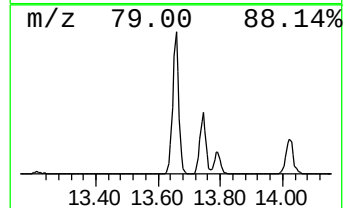
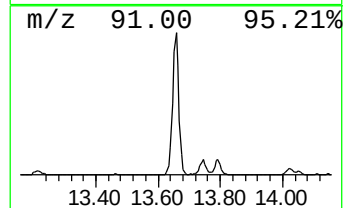
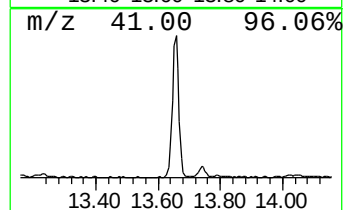
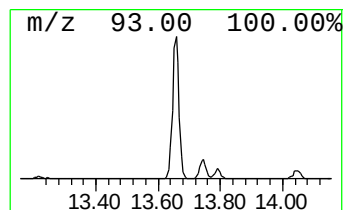
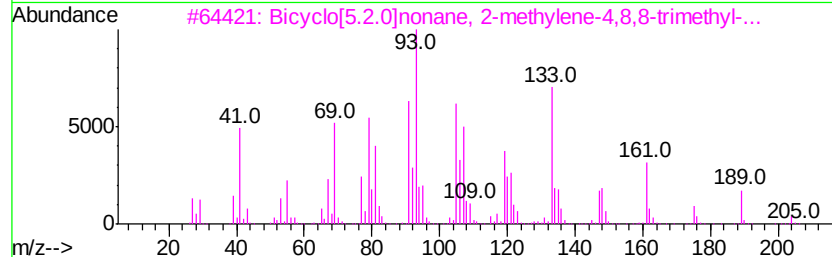
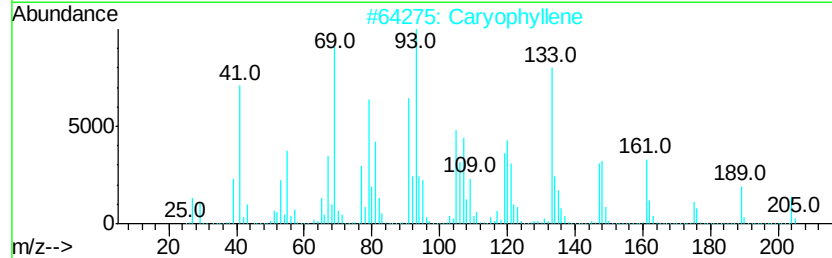
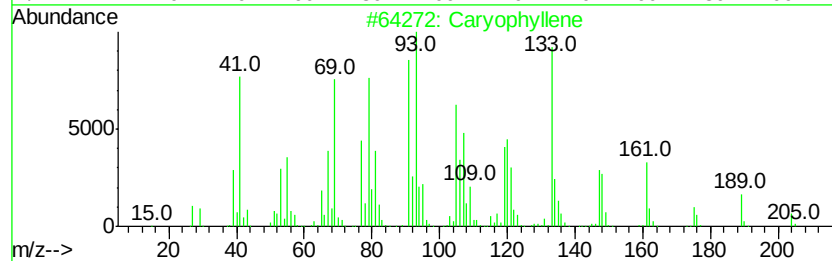
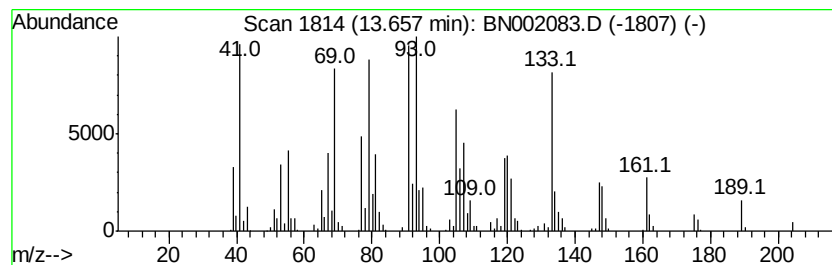
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Caryophyllene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	6.05 ng/ul	1073140	Acenaphthene-d10	14.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Caryophyllene	204 C15H24	000087-44-5 99
2		Caryophyllene	204 C15H24	000087-44-5 94
3		Bicyclo[5.2.0]nonane, 2-methylen...	204 C15H24	242794-76-9 92
4		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204 C15H24	000118-65-0 86
5		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204 C15H24	013877-93-5 86



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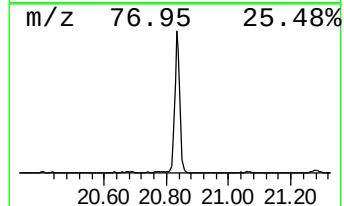
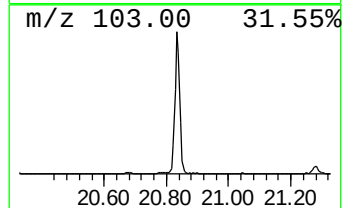
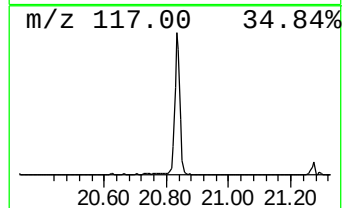
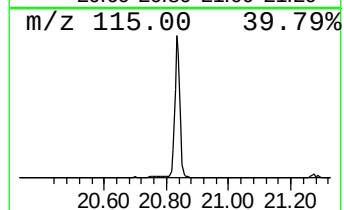
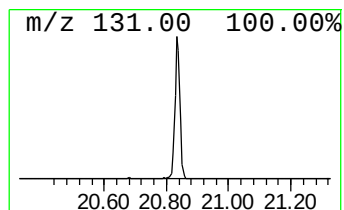
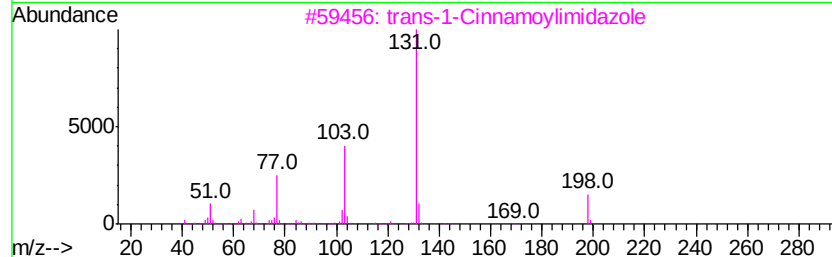
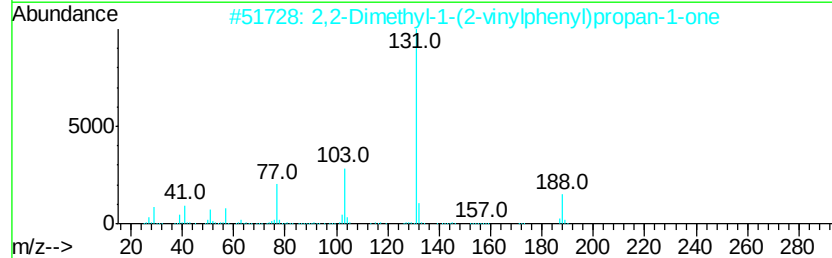
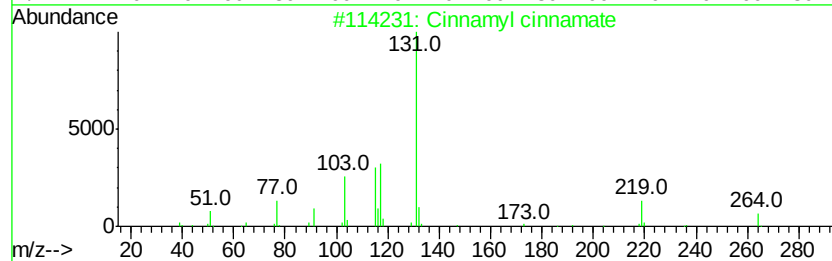
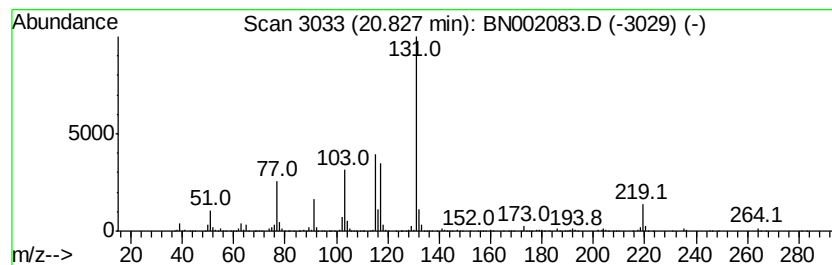
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 Cinnamyl cinnamate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	11.44 ng/ul	2742380	Chrysene-d12	21.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Cinnamyl cinnamate	264 C18H16O2	000122-69-0 87	
2	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188 C13H16O	1000210-99-9 52	
3	trans-1-Cinnamoylimidazole	198 C12H10N2O	001138-15-4 50	
4	Vinyl trans-cinnamate	174 C11H10O2	017719-70-9 50	
5	N-(p-Vinylbenzoyl)-l-alanine	219 C12H13NO3	139184-60-4 50	



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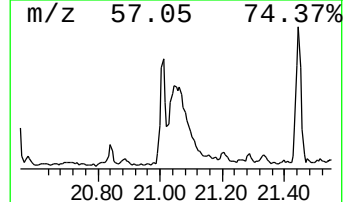
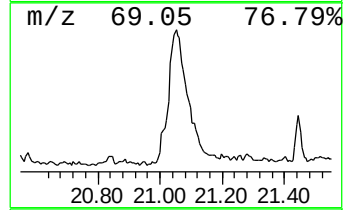
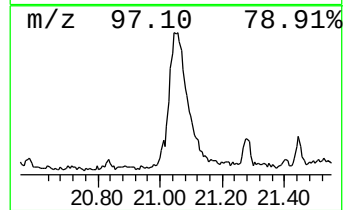
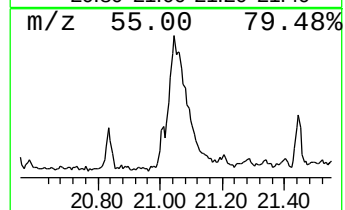
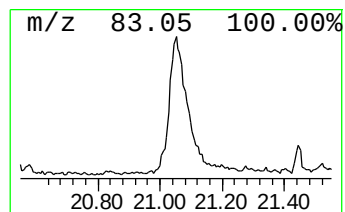
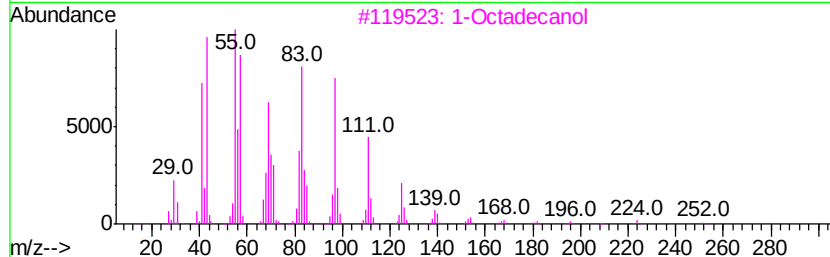
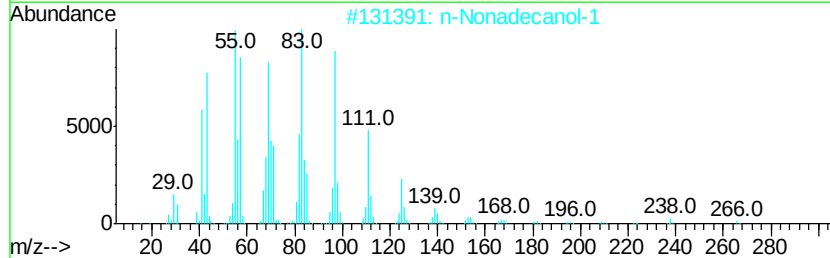
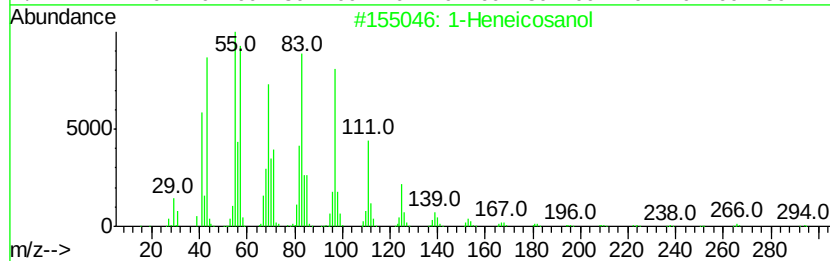
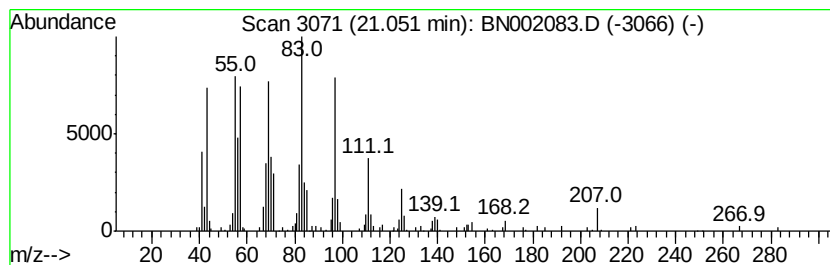
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 3 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	3.75 ng/ul	899746	Chrysene-d12	21.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosanol	312 C21H44O	015594-90-8	93
2	n-Nonadecanol-1	284 C19H40O	001454-84-8	81
3	1-Octadecanol	270 C18H38O	000112-92-5	76
4	Behenic alcohol	326 C22H46O	000661-19-8	76
5	1-Octadecanol	270 C18H38O	000112-92-5	70



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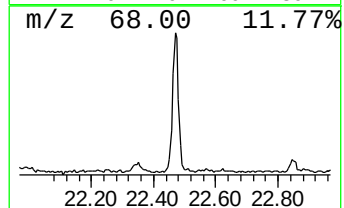
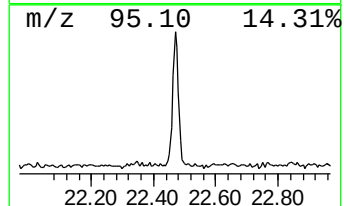
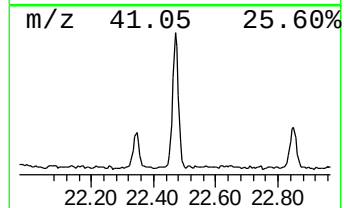
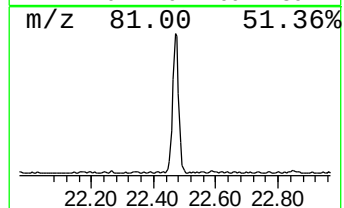
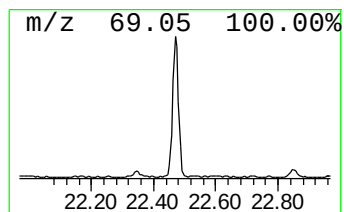
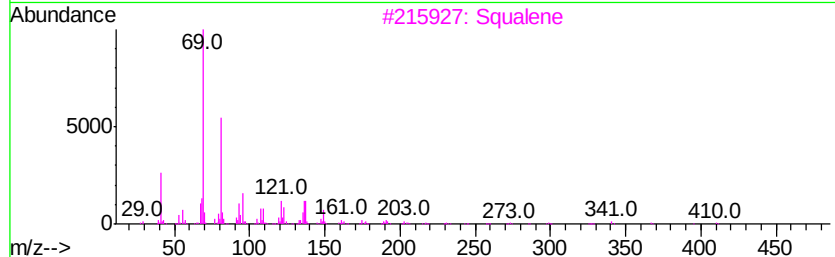
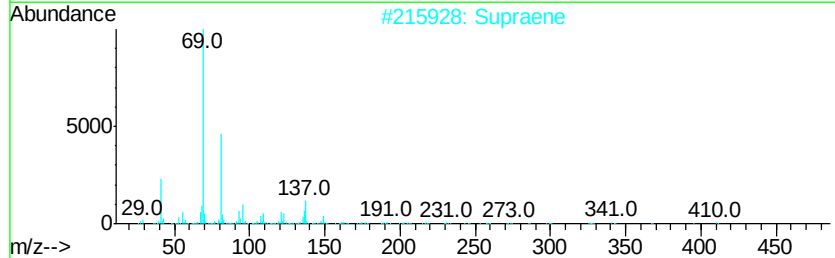
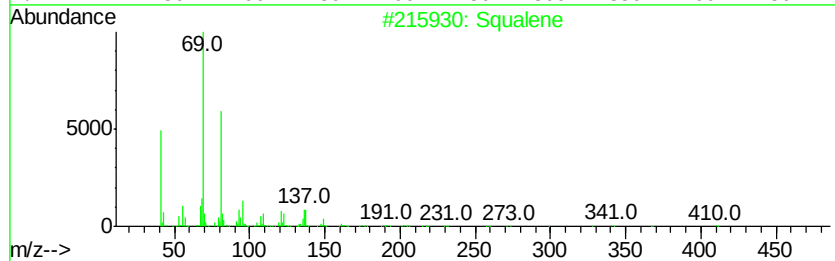
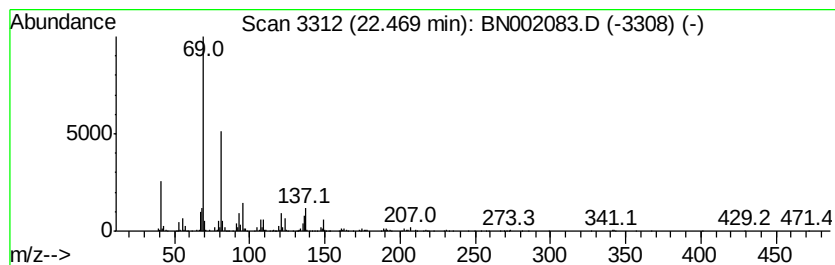
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Peak Number 4 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	3.78 ng/ul	785343	Perylene-d12	23.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Supraene	410	C30H50	007683-64-9	91
3		Squalene	410	C30H50	000111-02-4	91
4		Squalene	410	C30H50	000111-02-4	91
5		Supraene	410	C30H50	007683-64-9	86



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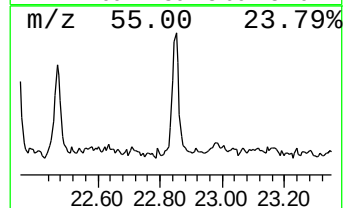
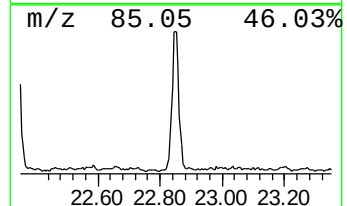
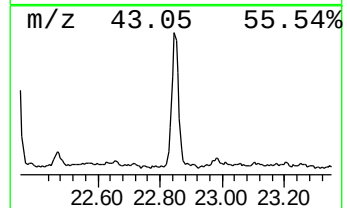
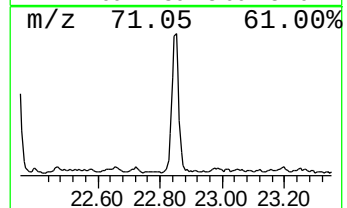
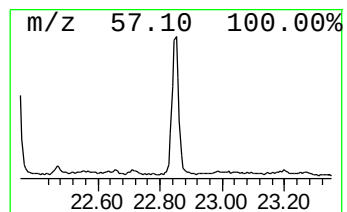
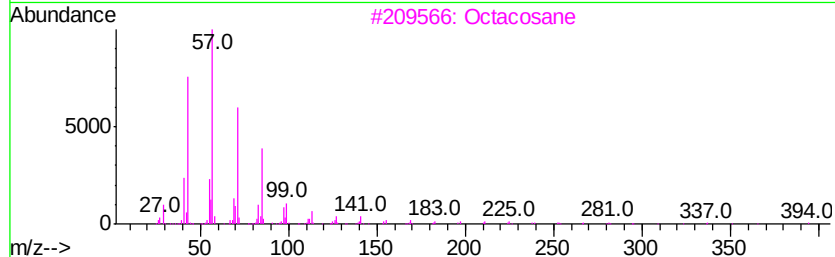
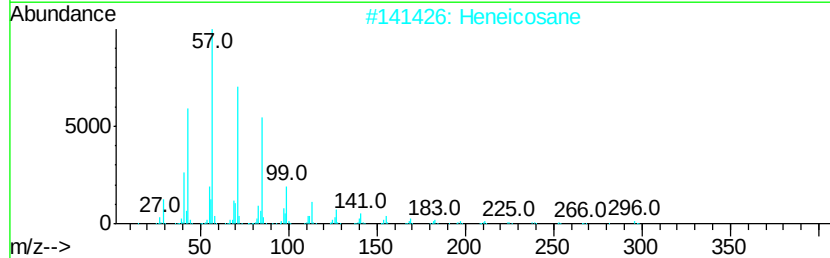
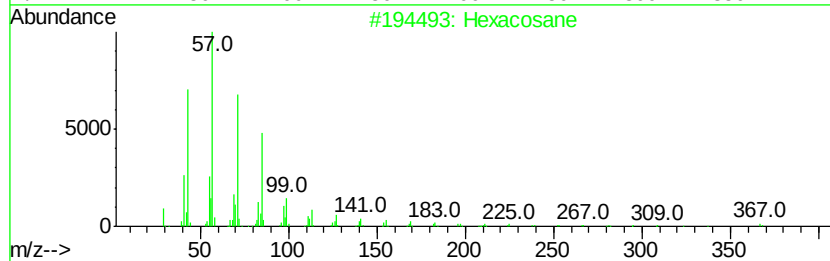
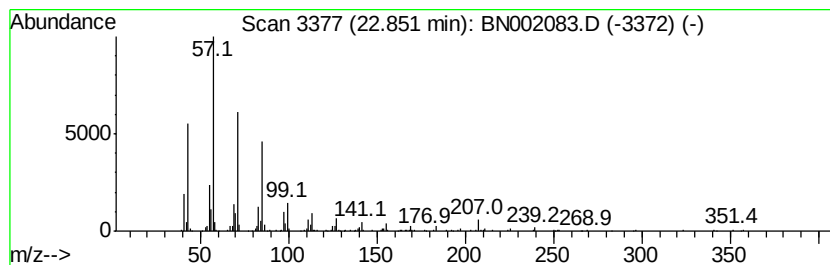
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TIC Library : C:\Database\NIST11.L
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	2.16 ng/ul	448154	Perylene-d12	23.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



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ClientSampleId :
DB1K9

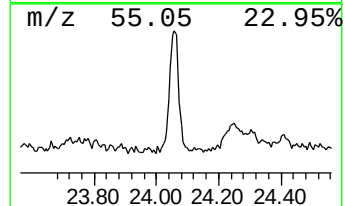
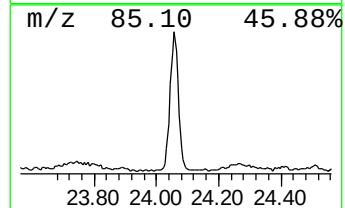
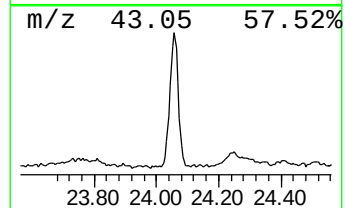
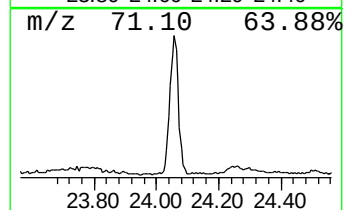
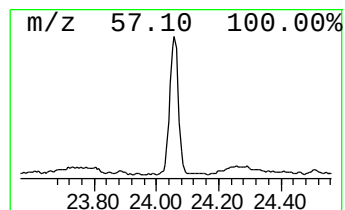
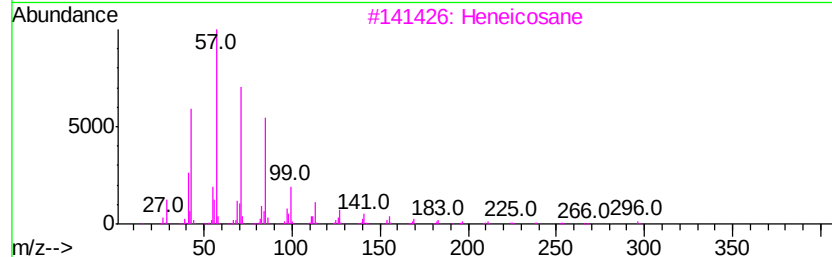
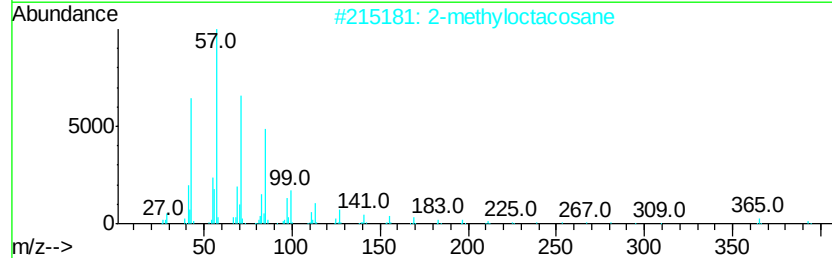
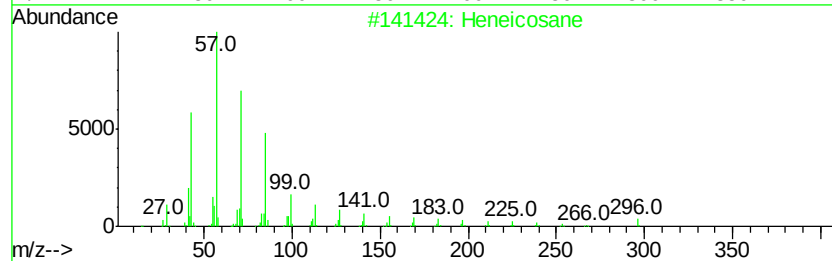
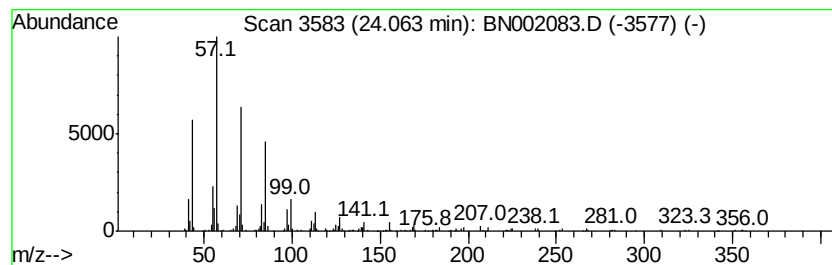
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	2.58 ng/ul	537441	Perylene-d12	23.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hentriacontane	437	C31H64	000630-04-6	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071918\
Data File : BN002083.D
Acq On : 19 Jul 2018 21:51
Operator : JU/SJ
Sample : J4023-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB1K9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.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
Caryophyllene	13.66	6.0	ng/ul	1073140	3	14.33	3545130	20.0
Cinnamyl cinnamate	20.83	11.4	ng/ul	2742380	5	21.28	4795980	20.0
1-Heneicosanol	21.05	3.8	ng/ul	899746	5	21.28	4795980	20.0
Squalene	22.47	3.8	ng/ul	785343	6	23.51	4159150	20.0
(DEL) Alkane: Str...	22.85	2.2	ng/ul	448154	6	23.51	4159150	20.0
(DEL) Alkane: Str...	24.06	2.6	ng/ul	537441	6	23.51	4159150	20.0