

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091418\
 Data File : BN002699.D
 Acq On : 14 Sep 2018 21:11
 Operator : JU/SJ
 Sample : J4865-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB3P6

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	40637	53554	1.46%	0.133%
2	3.487	82	85	100	rBV	31828	52696	1.43%	0.131%
3	6.352	565	572	576	rBV2	23862	37437	1.02%	0.093%
4	6.840	646	655	669	rBV	621854	1156599	31.48%	2.869%
5	6.993	675	681	693	rBV	522401	797170	21.70%	1.977%
6	7.187	708	714	726	rBV	660714	1077529	29.33%	2.673%
7	7.652	786	793	800	rVB	520049	829645	22.58%	2.058%
8	8.364	907	914	930	rBV	712348	1249185	34.00%	3.099%
9	8.799	981	988	999	rBV	591181	986064	26.84%	2.446%
10	9.516	1103	1110	1122	rBV	490022	833482	22.69%	2.067%
11	10.058	1195	1202	1217	rBV	702809	1286837	35.03%	3.192%
12	10.422	1256	1264	1273	rBV	705935	1195631	32.54%	2.966%
13	10.563	1281	1288	1304	rBV	678100	1239344	33.73%	3.074%
14	13.699	1815	1821	1826	rBV	1263658	1759910	47.90%	4.366%
15	13.746	1826	1829	1838	rVB	358204	486326	13.24%	1.206%
16	13.975	1860	1868	1880	rBV	1531677	2226600	60.61%	5.523%
17	14.287	1914	1921	1933	rVB2	1020553	1519549	41.36%	3.769%
18	14.516	1954	1960	1975	rBV	345174	709795	19.32%	1.761%
19	15.287	2084	2091	2101	rBV	1812693	2731156	74.34%	6.775%
20	15.422	2108	2114	2125	rBV	503955	765323	20.83%	1.898%
21	17.040	2382	2389	2399	rBV2	1201138	1773719	48.28%	4.400%
22	17.134	2399	2405	2414	rBV	1957458	2828036	76.98%	7.015%
23	17.434	2451	2456	2473	rBV4	66160	228257	6.21%	0.566%
24	17.939	2537	2542	2551	rBV	52746	94357	2.57%	0.234%
25	19.128	2740	2744	2749	rVB4	31678	40785	1.11%	0.101%
26	19.351	2774	2782	2786	rBV	289927	376598	10.25%	0.934%
27	19.439	2790	2797	2804	rVV	2367031	3226064	87.81%	8.002%
28	19.992	2885	2891	2895	rBV4	29874	50126	1.36%	0.124%
29	20.381	2950	2957	2962	rBV5	106322	225878	6.15%	0.560%
30	20.433	2962	2966	2972	rVB7	33203	49624	1.35%	0.123%
31	20.963	3051	3056	3065	rBV2	177683	469759	12.79%	1.165%
32	21.239	3097	3103	3111	rBV	1580021	2116816	57.62%	5.251%
33	21.463	3137	3141	3149	rVB10	49016	73301	2.00%	0.182%
34	21.651	3169	3173	3178	rBV3	70304	86397	2.35%	0.214%

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35	21.780	3191	3195	3199	rBV	141961	189264	5.15%	0.469%
36	21.822	3200	3202	3206	rVB	53750	60348	1.64%	0.150%
37	22.045	3236	3240	3249	rVB6	75810	162643	4.43%	0.403%
38	22.280	3276	3280	3286	rVB	110398	140415	3.82%	0.348%
39	22.404	3297	3301	3309	rVB	189790	262234	7.14%	0.650%
40	22.775	3360	3364	3370	rBV	142426	211621	5.76%	0.525%
41	23.310	3448	3455	3466	rBV	1922343	3673803	100.00%	9.113%
42	23.451	3472	3479	3490	rVB	1118219	2163129	58.88%	5.366%
43	23.957	3560	3565	3573	rVB2	166995	324582	8.84%	0.805%
44	24.686	3684	3689	3696	rBV2	142561	270653	7.37%	0.671%
45	25.533	3827	3833	3841	rVB4	91660	221785	6.04%	0.550%

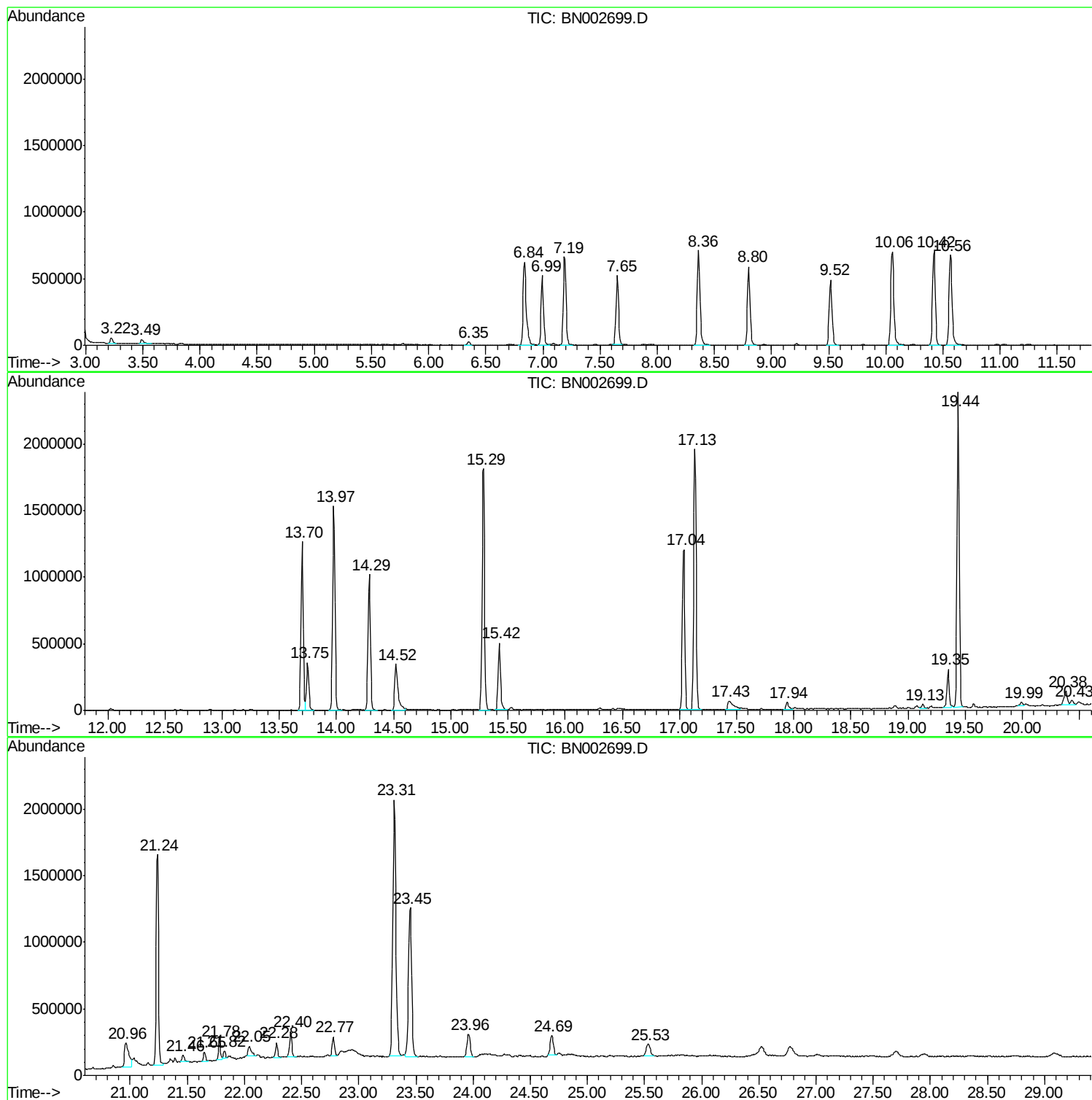
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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



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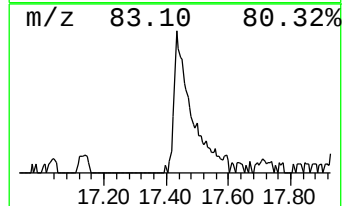
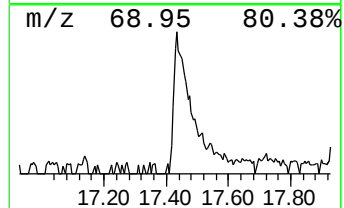
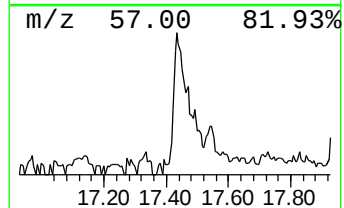
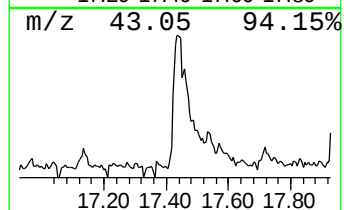
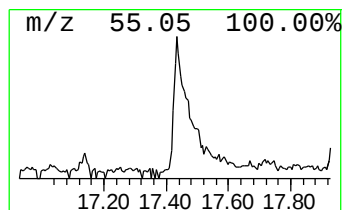
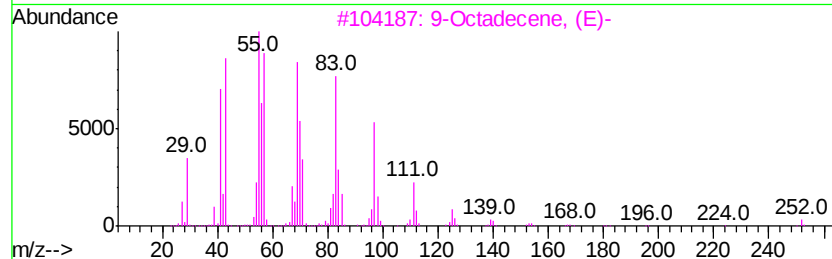
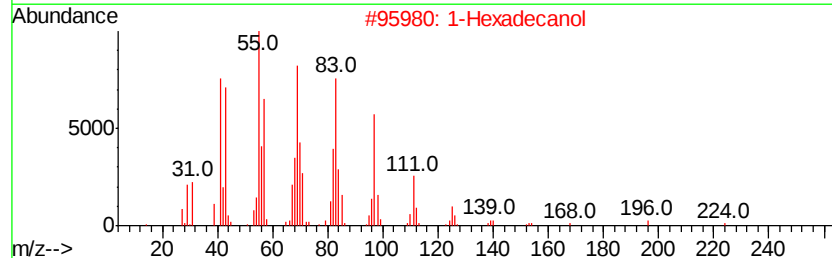
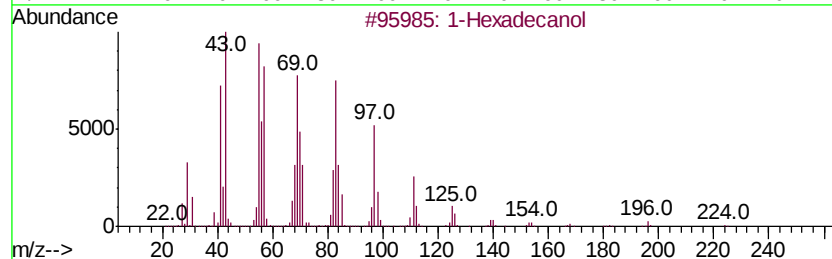
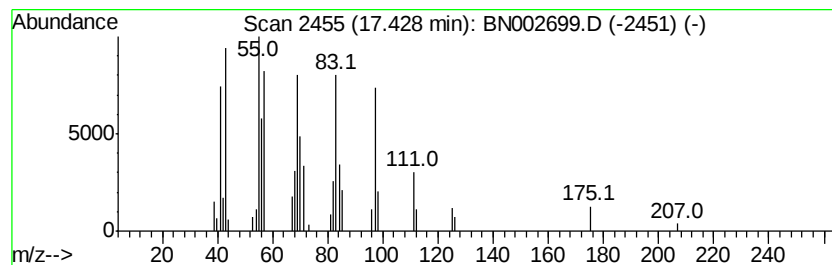
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1-Hexadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.43	2.57 ng/ul	228257	Phenanthrene-d10		17.04		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexadecanol	242	C16H34O	036653-82-4	94
2			1-Hexadecanol	242	C16H34O	036653-82-4	91
3			9-Octadecene, (E)-	252	C18H36	007206-25-9	91
4			5-Octadecene, (E)-	252	C18H36	007206-21-5	91
5			9-Eicosene, (E)-	280	C20H40	074685-29-3	91



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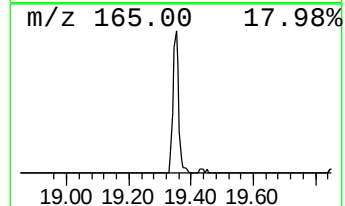
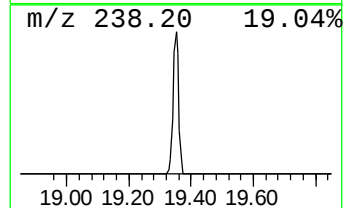
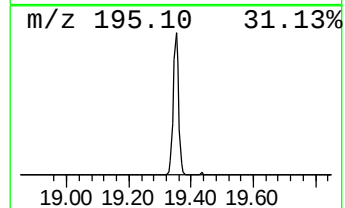
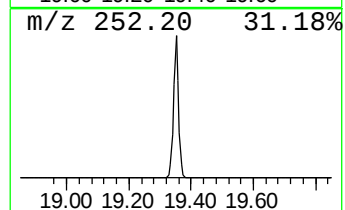
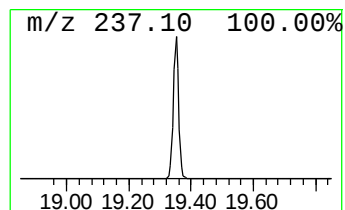
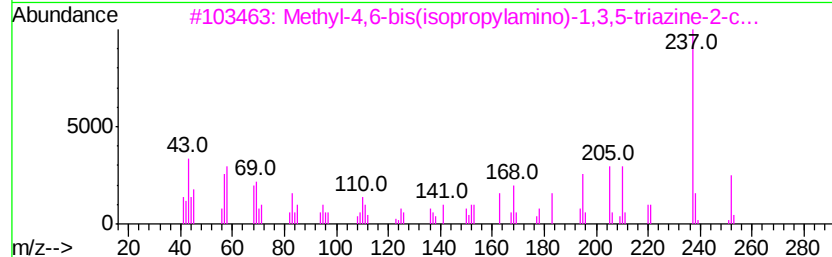
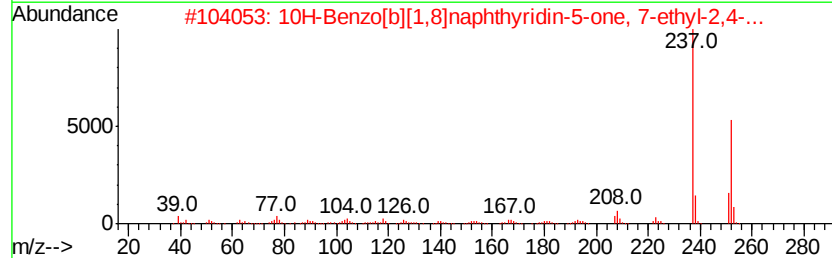
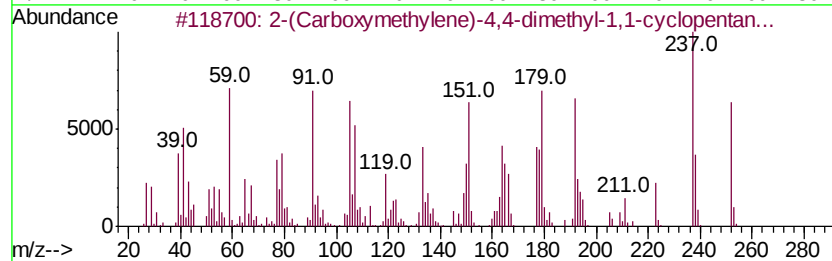
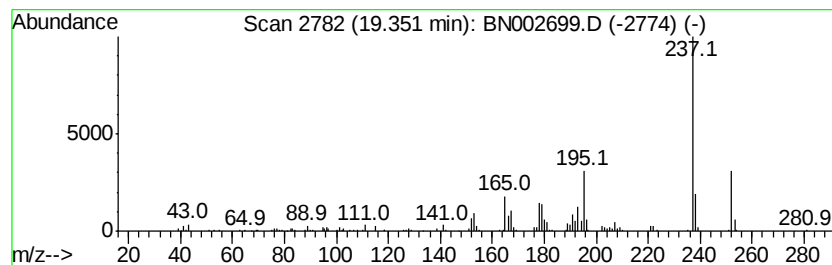
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Peak Number 2 2-(Carboxymethylene)-4,4-di... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	3.56 ng/ul	376598	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-(Carboxymethylene)-4,4-dimethy...	270	C13H18O6	180691-11-6	74
2		10H-Benzo[b][1,8]naphthyridin-5-...	252	C16H16N2O	1000302-05-2	68
3		Methyl-4,6-bis(isopropylamino)-1...	252	C11H20N6O	300587-35-3	64
4		Silane, dimethyl(4-acetylphenoxy...	252	C13H20O3Si	1000347-30-8	59
5		1-Methyl-3-phenyl-3,4-dihydro-1H...	237	C16H15NO	028899-87-8	58



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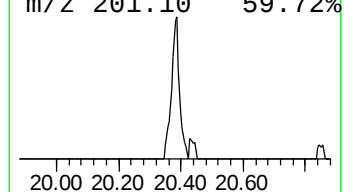
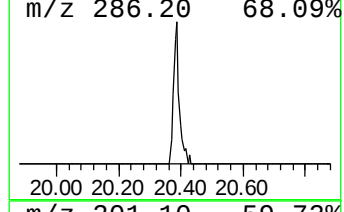
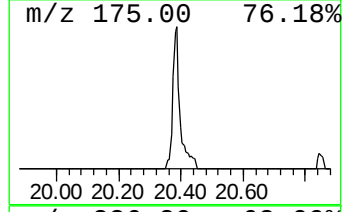
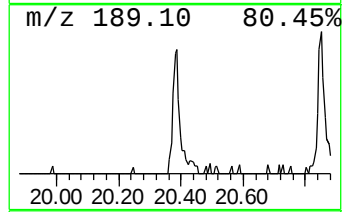
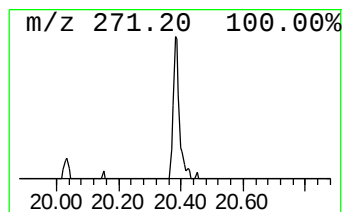
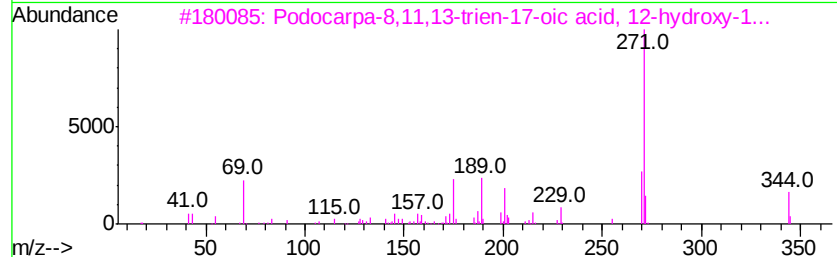
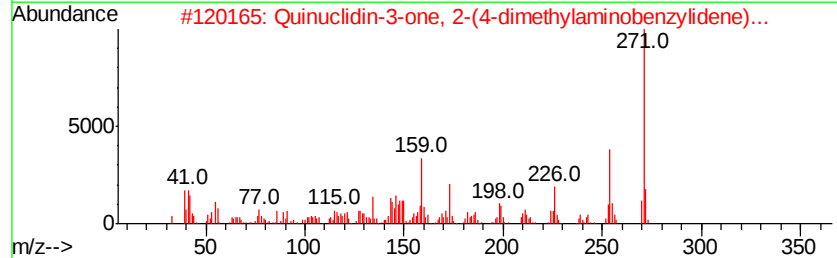
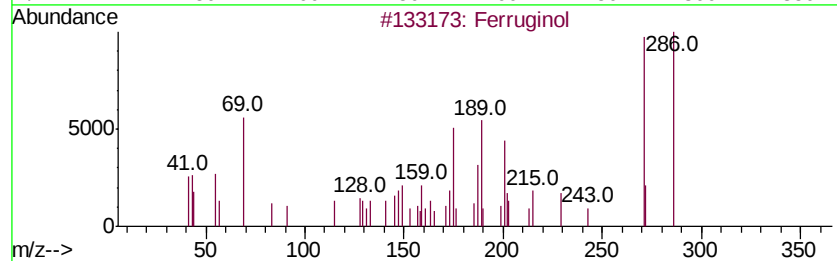
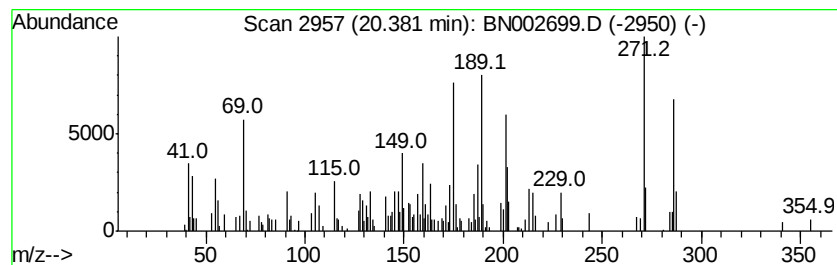
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ferruginol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.38	2.13 ng/ul	225878	Chrysene-d12	21.24		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ferruginol		286	C20H30O	000514-62-5	99
2	Quinuclidin-3-one, 2-(4-dimethyl...		271	C16H21N3O	1000266-14-6	53
3	Podocarpa-8,11,13-trien-17-oic a...		344	C22H32O3	024067-43-4	53
4	5-Androstene, 4,4-dimethyl-		286	C21H34	1000194-15-4	45
5	13-Isopropylpodocarpene-12-ol-20-al		300	C20H28O2	024035-37-8	43



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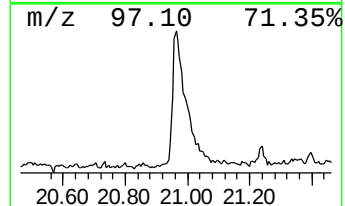
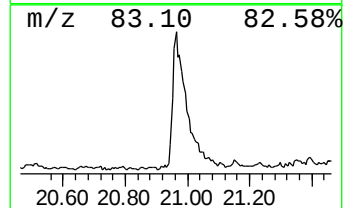
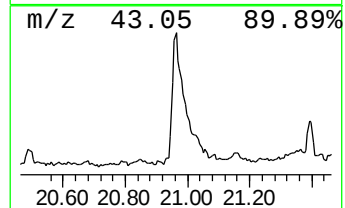
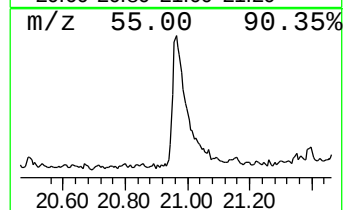
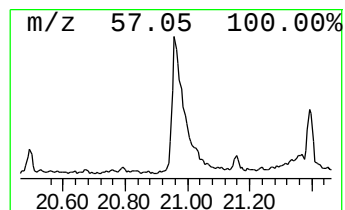
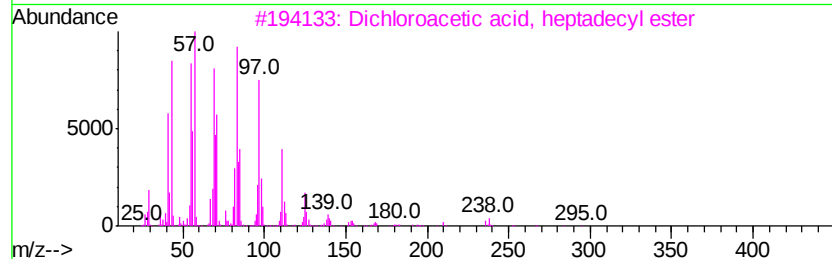
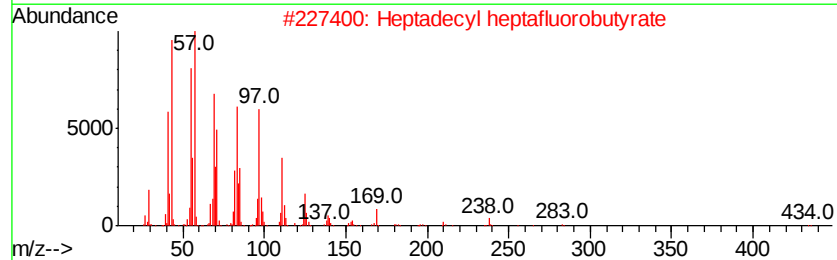
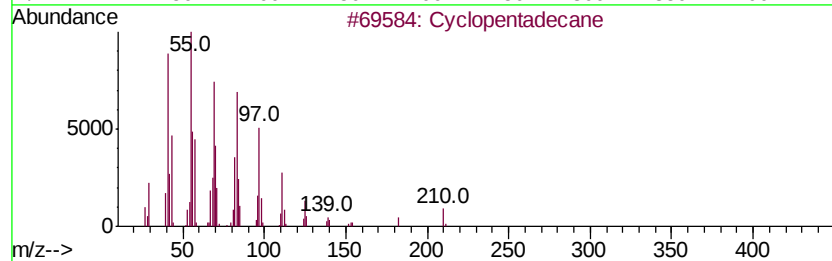
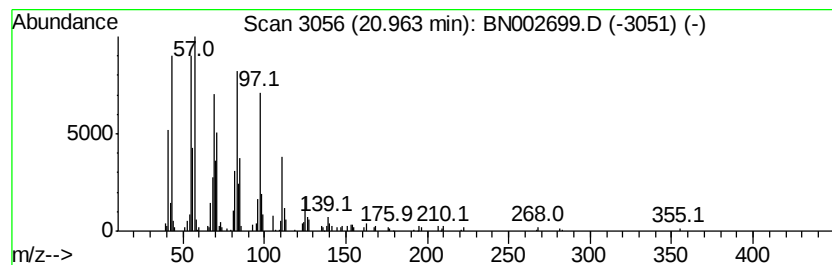
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Peak Number 4 (DEL) Alkane: Cyclic20.96 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	4.44 ng/ul	469759	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	98
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
3		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94



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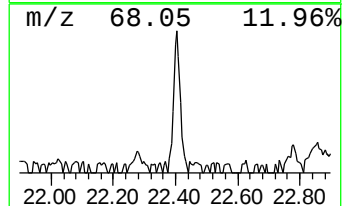
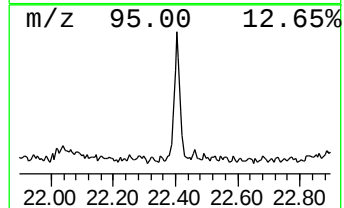
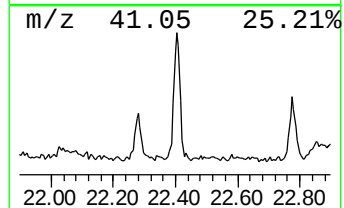
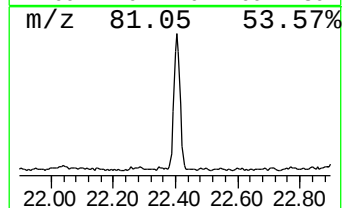
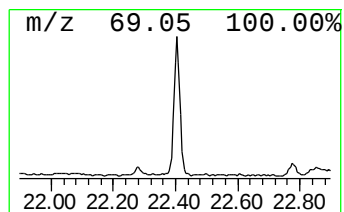
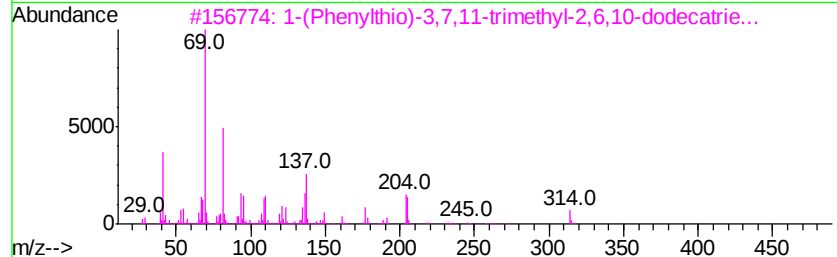
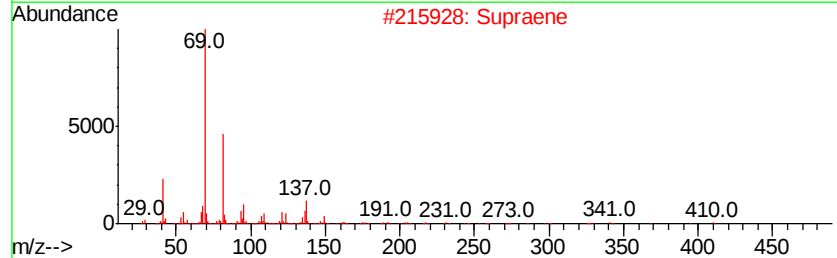
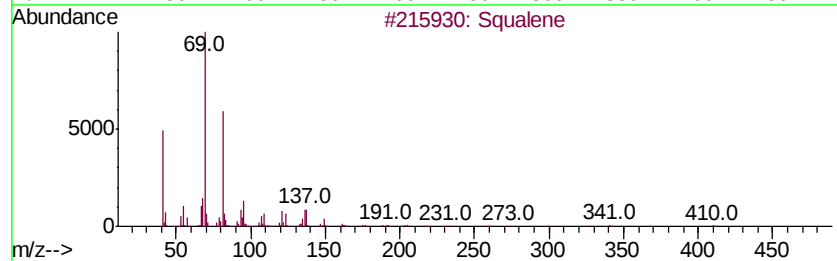
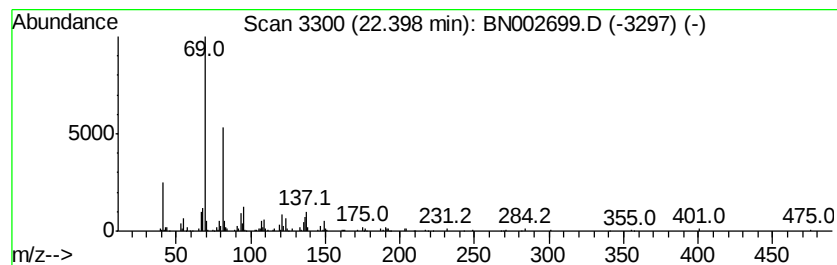
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	2.42 ng/ul	262234	Perylene-d12	23.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	000111-02-4 90
2	Supraene		410 C30H50	007683-64-9 86
3	1-(Phenylthio)-3,7,11-trimethyl-...		314 C21H30S	028413-57-2 78
4	Farnesol isomer a		222 C15H26O	1000108-92-4 72
5	4,8,12-Tetradecatrienal, 5,9,13-...		248 C17H28O	066408-55-7 72



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Acq On : 14 Sep 2018 21:11
Operator : JU/SJ
Sample : J4865-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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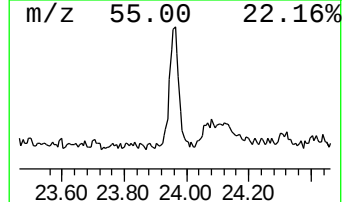
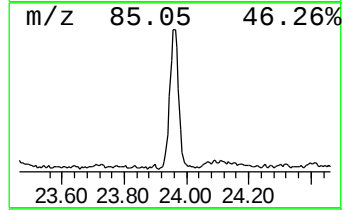
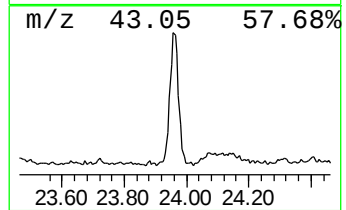
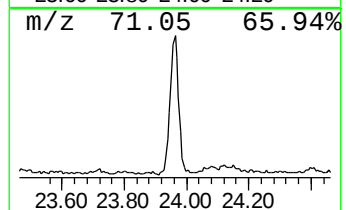
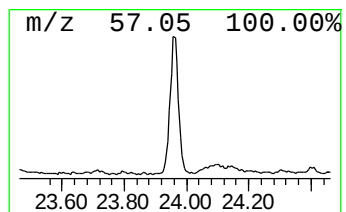
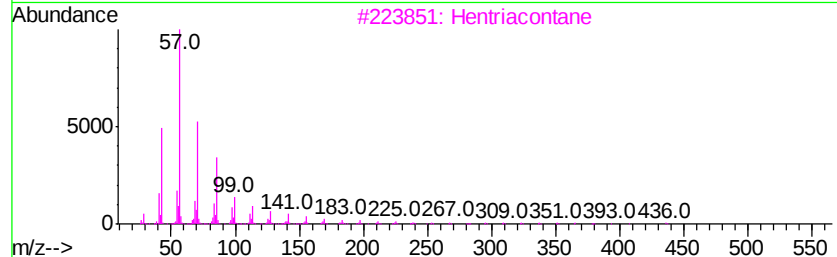
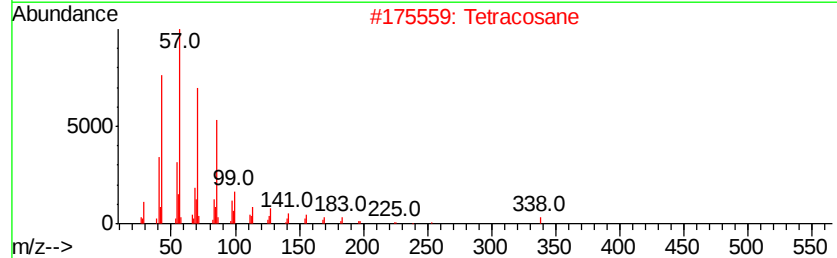
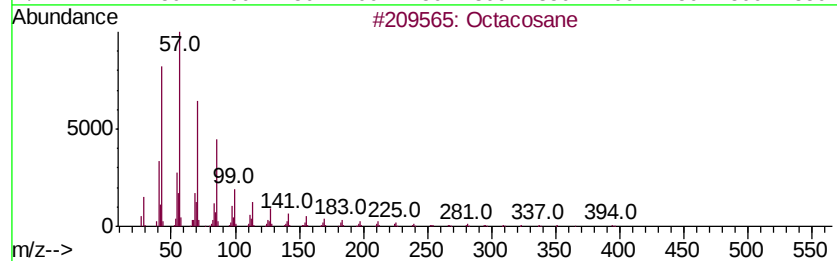
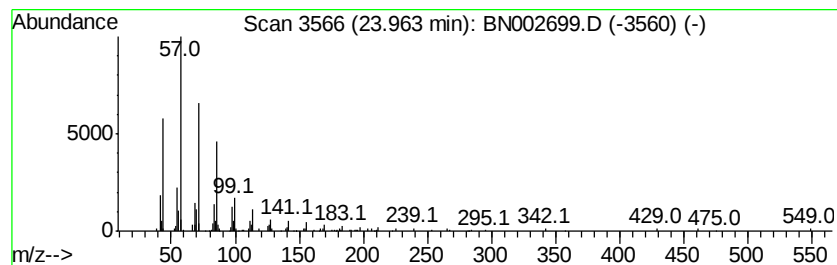
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	3.00 ng/ul	324582	Perylene-d12	23.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Tetracosane	338	C24H50	000646-31-1	90
3		Hentriacontane	437	C31H64	000630-04-6	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091418\
Data File : BN002699.D
Acq On : 14 Sep 2018 21:11
Operator : JU/SJ
Sample : J4865-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB3P6

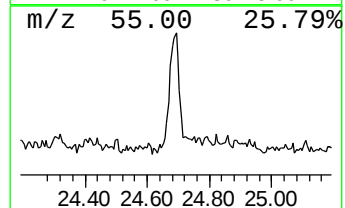
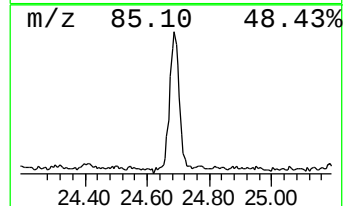
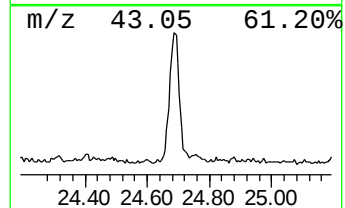
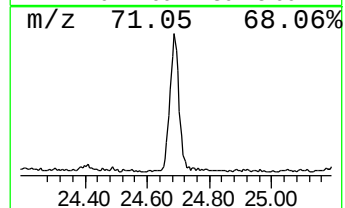
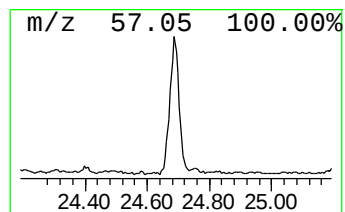
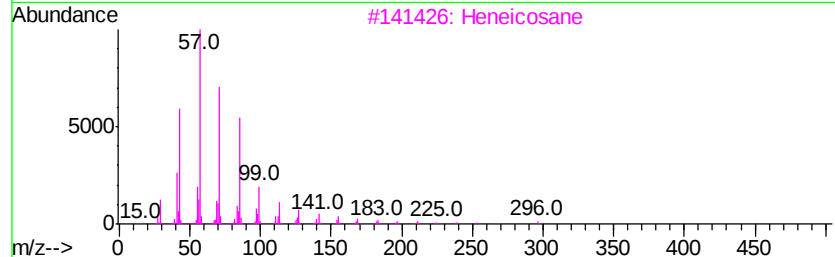
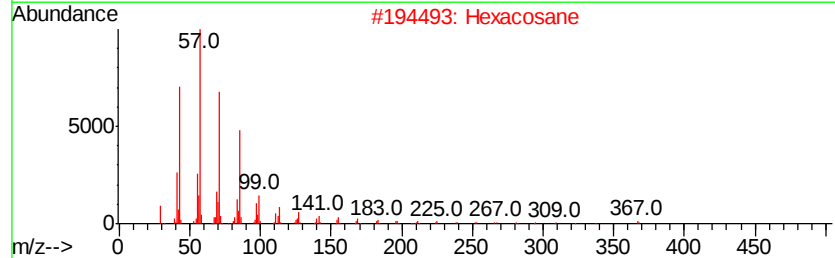
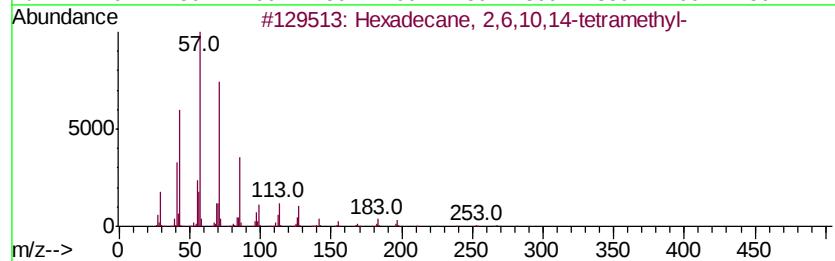
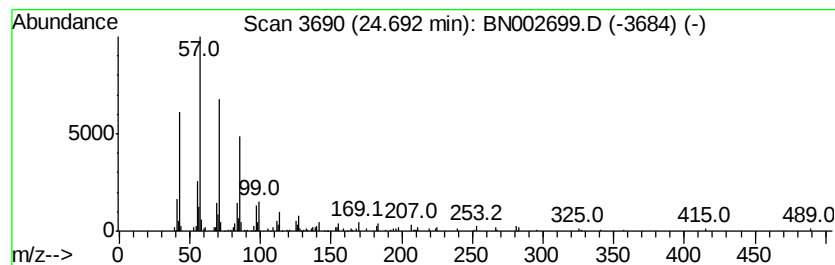
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	2.50 ng/ul	270653	Perylene-d12	23.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	96
2		Hexacosane	366	C26H54	000630-01-3	93
3		Heneicosane	296	C21H44	000629-94-7	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Hentriacontane	437	C31H64	000630-04-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091418\
Data File : BN002699.D
Acq On : 14 Sep 2018 21:11
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Sample : J4865-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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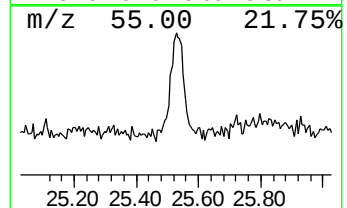
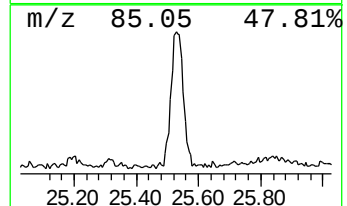
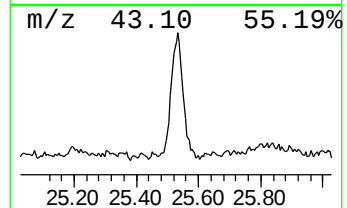
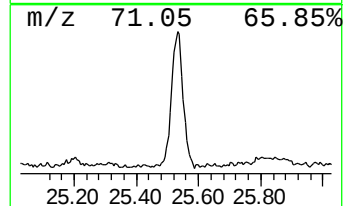
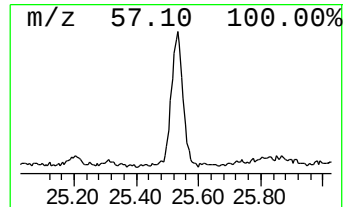
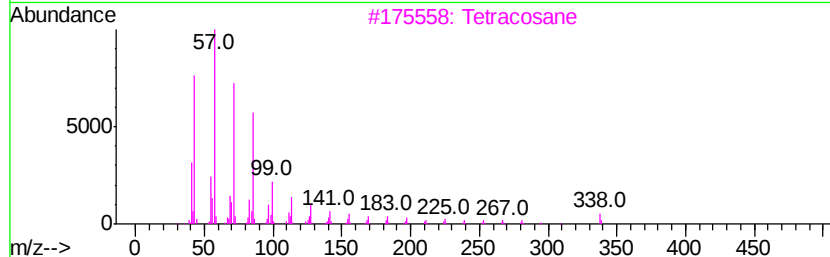
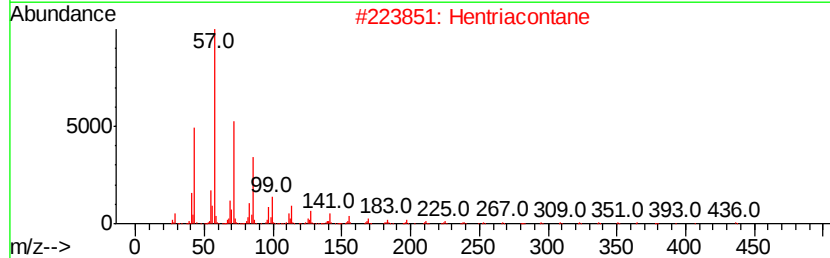
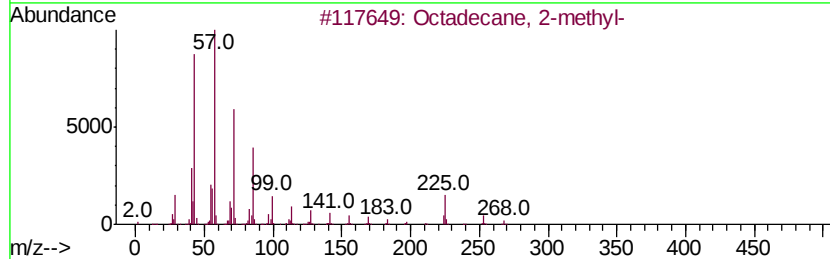
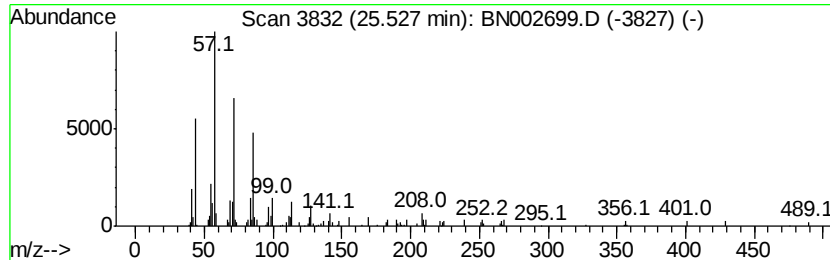
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.53	2.05 ng/ul	221785	Perylene-d12	23.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	81
2		Hentriacontane	437	C31H64	000630-04-6	74
3		Tetracosane	338	C24H50	000646-31-1	74
4		Docosane	310	C22H46	000629-97-0	74
5		2-methyloctacosane	408	C29H60	1000376-72-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091418\
Data File : BN002699.D
Acq On : 14 Sep 2018 21:11
Operator : JU/SJ
Sample : J4865-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Hexadecanol	17.43	2.6	ng/ul	228257	4	17.04	1773720	20.0
2-(Carboxymethyle...	19.35	3.6	ng/ul	376598	5	21.24	2116820	20.0
Ferruginol	20.38	2.1	ng/ul	225878	5	21.24	2116820	20.0
(DEL) Alkane: Cyc...	20.96	4.4	ng/ul	469759	5	21.24	2116820	20.0
Squalene	22.40	2.4	ng/ul	262234	6	23.45	2163130	20.0
(DEL) Alkane: Str...	23.96	3.0	ng/ul	324582	6	23.45	2163130	20.0
(DEL) Alkane: Str...	24.69	2.5	ng/ul	270653	6	23.45	2163130	20.0
(DEL) Alkane: Str...	25.53	2.0	ng/ul	221785	6	23.45	2163130	20.0