

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
 Data File : BM010285.D
 Acq On : 27 May 2017 20:56
 Operator : SJ/MA
 Sample : I3162-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSE1

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.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	7.116	677	685	696	rBV	538224	1041107	8.41%	0.974%
2	7.269	705	711	719	rBV	402672	637723	5.15%	0.596%
3	7.469	738	745	756	rBV	656912	1045900	8.45%	0.978%
4	7.928	816	823	834	rBV	1665181	2655124	21.44%	2.483%
5	8.651	940	946	957	rBV	573312	942500	7.61%	0.882%
6	9.116	1018	1025	1034	rBV	514652	901337	7.28%	0.843%
7	9.828	1139	1146	1157	rBV2	449339	789165	6.37%	0.738%
8	10.357	1230	1236	1247	rBV	727949	1326462	10.71%	1.241%
9	10.733	1292	1300	1314	rBV	1944889	3332053	26.91%	3.116%
10	10.904	1322	1329	1342	rBV2	215261	521770	4.21%	0.488%
11	11.863	1486	1492	1501	rVB	203660	318714	2.57%	0.298%
12	13.974	1845	1851	1856	rBV	1466758	2068675	16.71%	1.935%
13	14.021	1856	1859	1869	rVB	212423	307997	2.49%	0.288%
14	14.262	1894	1900	1906	rBV	1478087	2196587	17.74%	2.054%
15	14.562	1943	1951	1959	rBV3	2905425	4426633	35.75%	4.140%
16	14.804	1984	1992	2004	rBV2	330063	737164	5.95%	0.689%
17	15.551	2111	2119	2128	rBV	2143123	2998719	24.22%	2.805%
18	15.674	2135	2140	2149	rBV	542510	725600	5.86%	0.679%
19	17.309	2411	2418	2428	rBV	4037151	5523472	44.61%	5.166%
20	17.403	2428	2434	2443	rVV	2293239	3383237	27.32%	3.164%
21	17.492	2446	2449	2453	rVB5	108260	137015	1.11%	0.128%
22	18.039	2537	2542	2550	rBV8	125522	227603	1.84%	0.213%
23	18.156	2557	2562	2570	rBV2	479177	735296	5.94%	0.688%
24	18.462	2608	2614	2622	rVB	648665	947475	7.65%	0.886%
25	18.739	2657	2661	2665	rBV7	102474	149021	1.20%	0.139%
26	19.050	2710	2714	2717	rBV6	122407	181035	1.46%	0.169%
27	19.092	2717	2721	2724	rVV4	266773	350264	2.83%	0.328%
28	19.127	2724	2727	2732	rVB3	412212	505025	4.08%	0.472%
29	19.368	2765	2768	2773	rVB4	294815	354950	2.87%	0.332%
30	19.421	2774	2777	2781	rBV3	252994	350212	2.83%	0.328%
31	19.692	2817	2823	2830	rBV	3526581	4725625	38.16%	4.420%
32	20.162	2899	2903	2909	rVB	318022	391971	3.17%	0.367%
33	20.497	2957	2960	2967	rBV7	257005	512106	4.14%	0.479%
34	21.115	3057	3065	3067	rBV	1427069	2272403	18.35%	2.125%

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35	21.433	3116	3119	3121	rBV2	385440	509547	4.11%	0.477%
36	21.468	3121	3125	3132	rVB	6689766	8164420	65.93%	7.636%
37	21.991	3210	3214	3218	rBV	1272832	1446632	11.68%	1.353%
38	22.521	3302	3304	3310	rVB4	476002	569827	4.60%	0.533%
39	22.715	3334	3337	3344	rVB3	998958	1362124	11.00%	1.274%
40	22.985	3379	3383	3390	rVB2	669236	965362	7.80%	0.903%
41	23.668	3492	3499	3508	rVB2	3154745	6463473	52.20%	6.045%
42	23.821	3519	3525	3534	rVB	4321784	8431605	68.09%	7.886%
43	23.915	3538	3541	3546	rVB4	797756	1159718	9.37%	1.085%
44	27.173	4088	4095	4110	rVB5	3298328	10270357	82.94%	9.606%
45	27.391	4125	4132	4141	rVB2	2660119	7473198	60.35%	6.990%
46	27.956	4221	4228	4244	rVB4	3784355	12383017	100.00%	11.582%

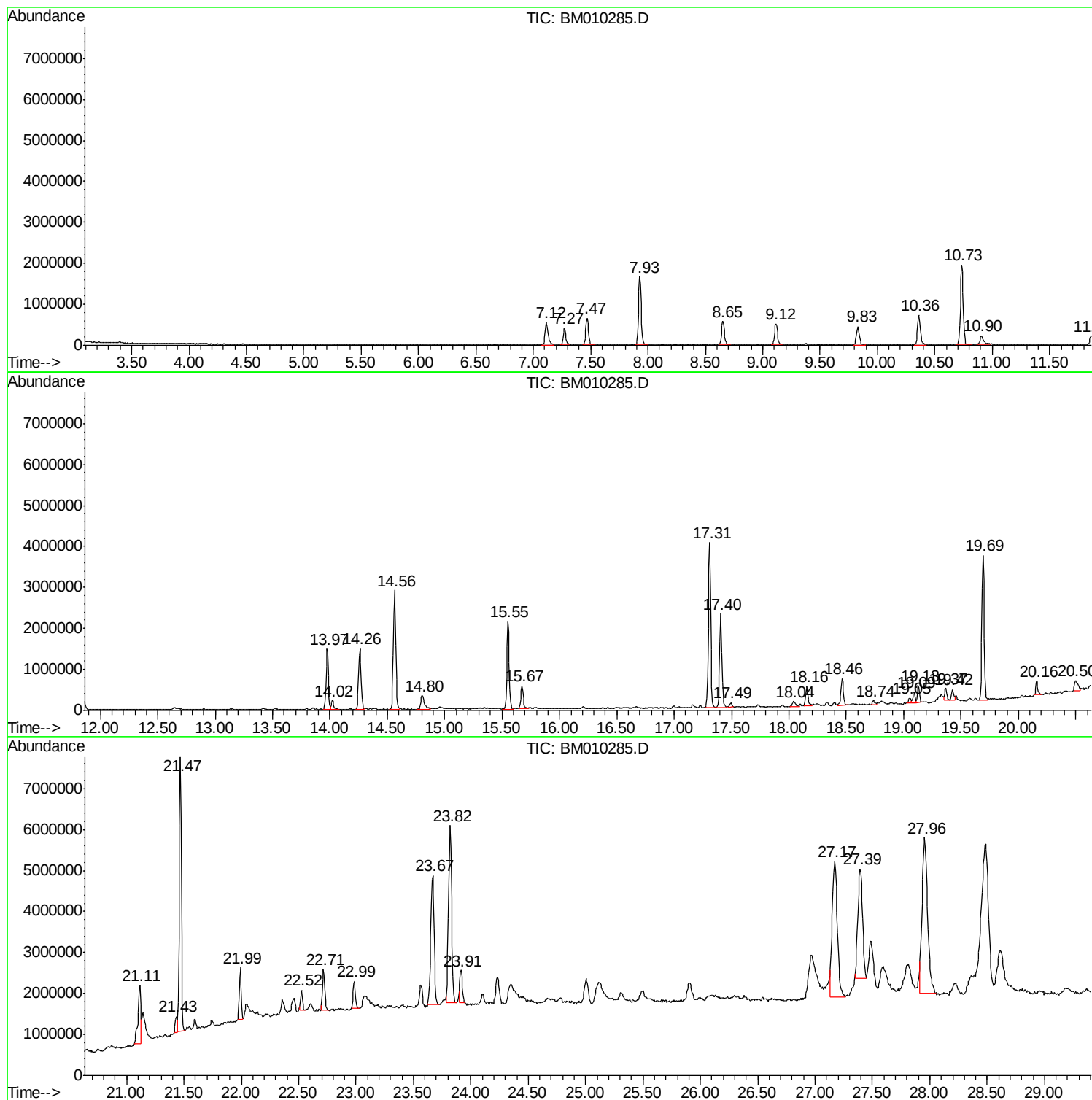
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



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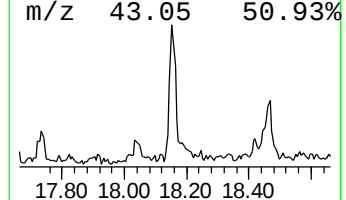
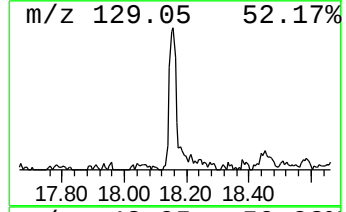
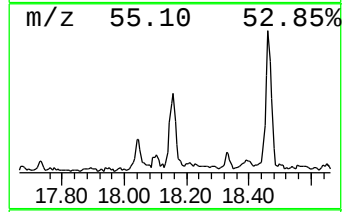
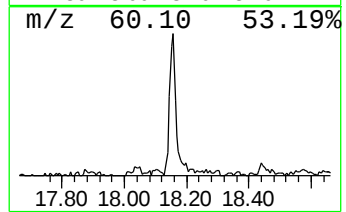
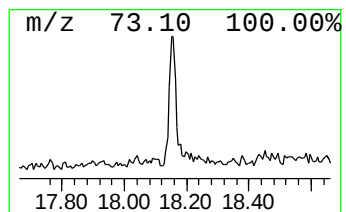
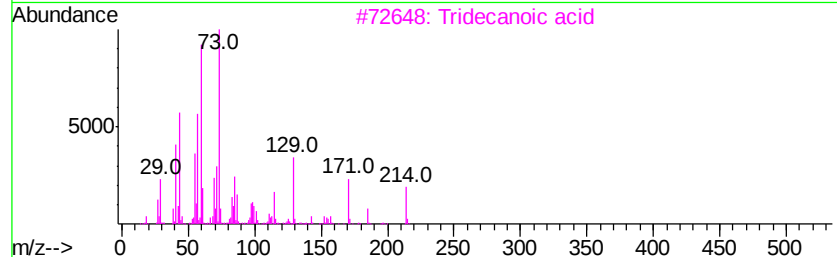
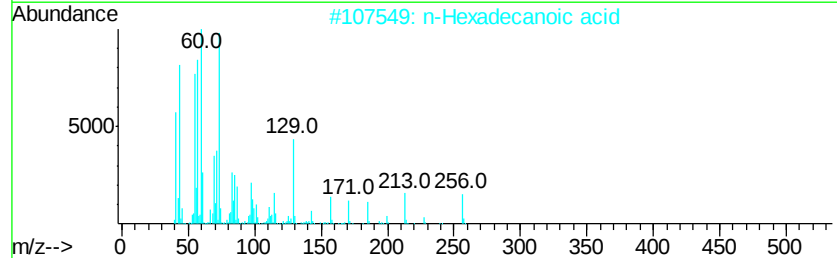
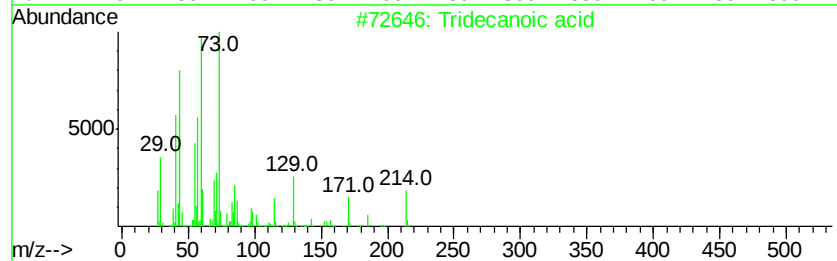
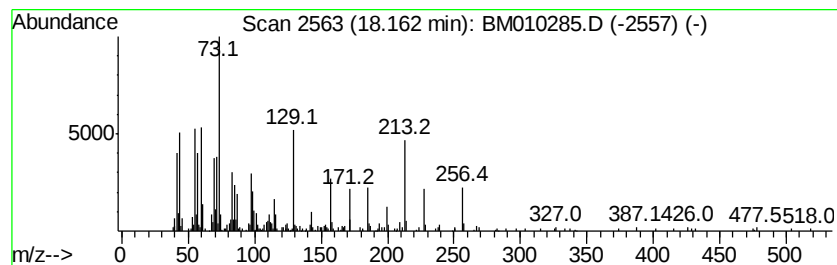
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tridecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	2.66 ng/ul	735296	Phenanthrene-d10	17.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	89
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
3		Tridecanoic acid	214	C13H26O2	000638-53-9	55
4		Dodecanoic acid	200	C12H24O2	000143-07-7	49
5		Tridecanoic acid	214	C13H26O2	000638-53-9	46



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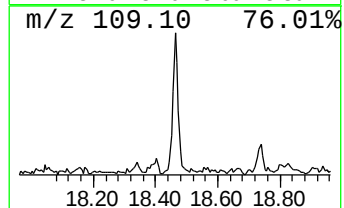
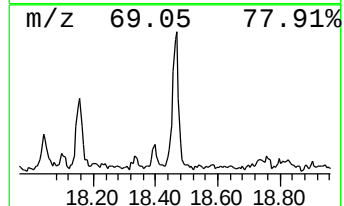
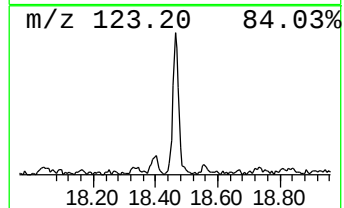
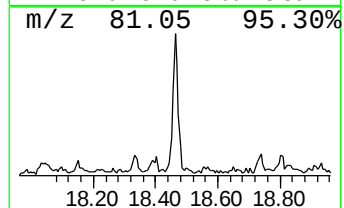
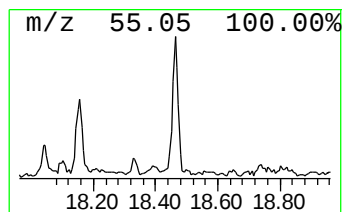
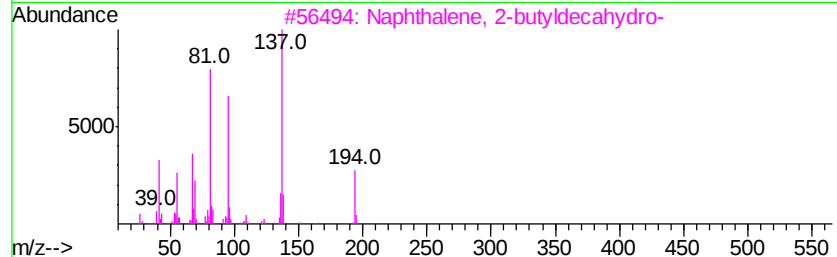
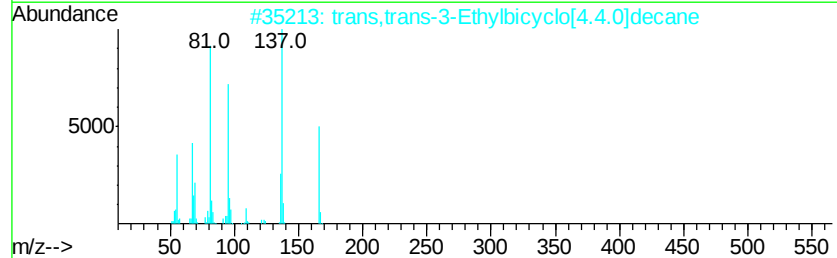
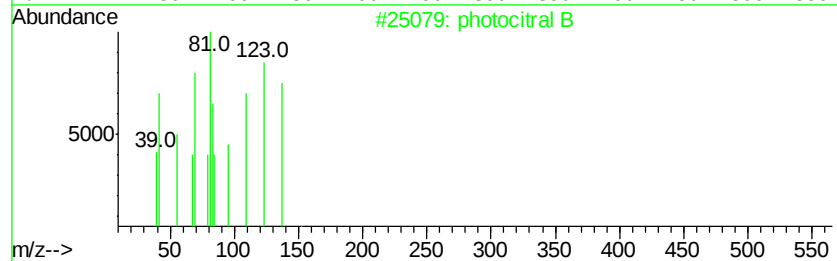
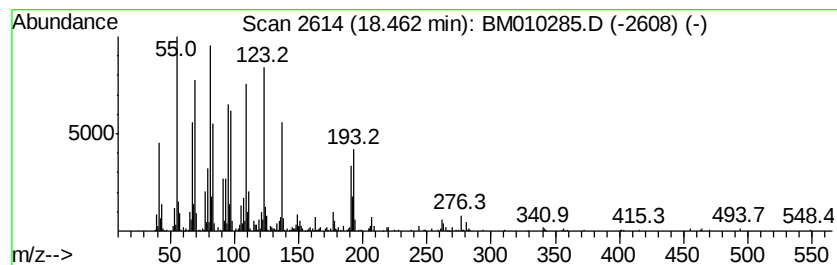
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Peak Number 2 photocitral B Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	3.43 ng/ul	947475	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	photocitral B	152	C10H16O	006040-45-5	76
2		trans,trans-3-Ethylbicyclo[4.4.0]decan-2-ylidene-2-methyl-5-norbornene	166	C12H22	058462-32-1	35
3		Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	35
4		3-Octyne, 2,2,7-trimethyl-	152	C11H20	055402-13-6	30
5		Benzenamine, 3-ethoxy-	137	C8H11NO	000621-33-0	25



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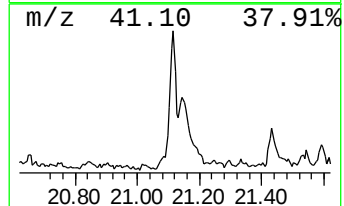
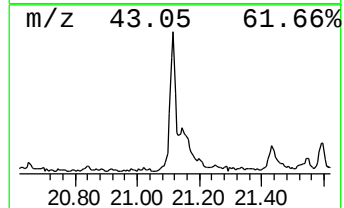
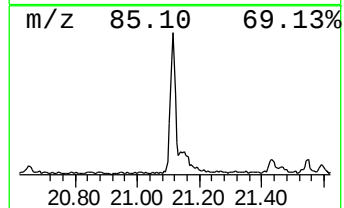
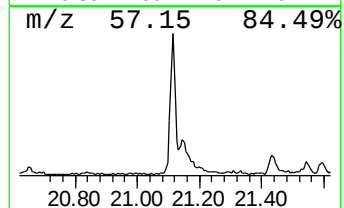
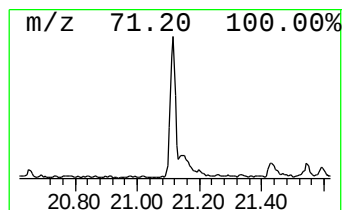
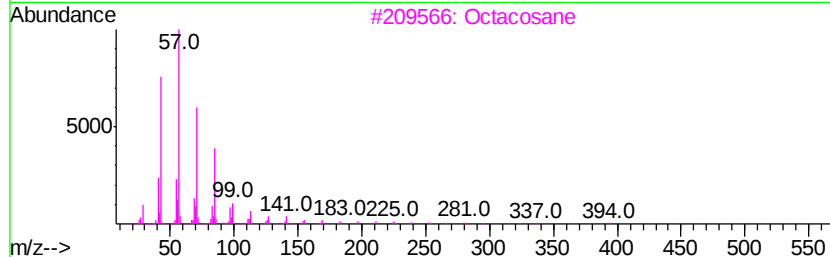
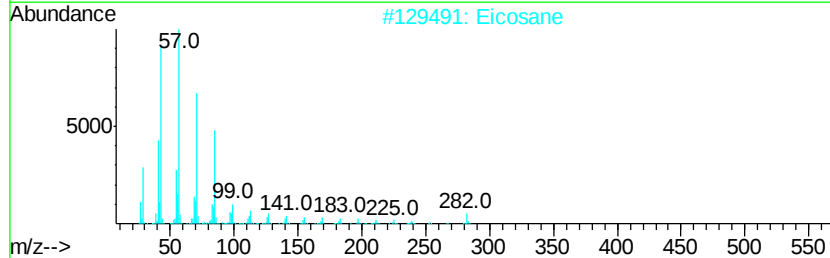
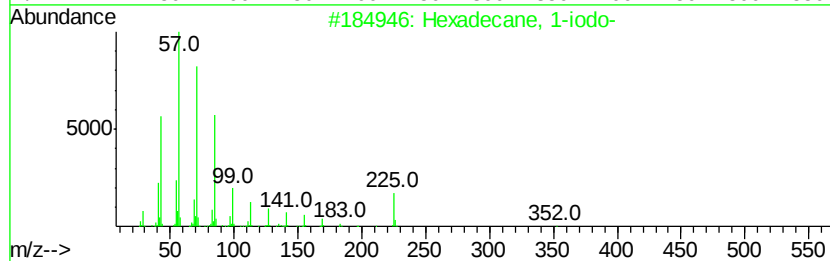
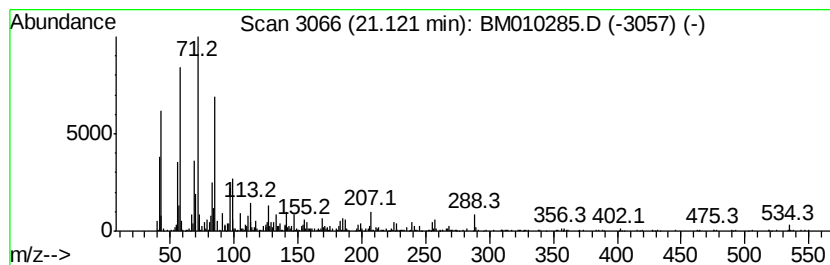
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.12	5.57 ng/ul	2272400	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
2		Eicosane	282	C20H42	000112-95-8	90
3		Octacosane	394	C28H58	000630-02-4	87
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
5		Hentriacontane	437	C31H64	000630-04-6	87



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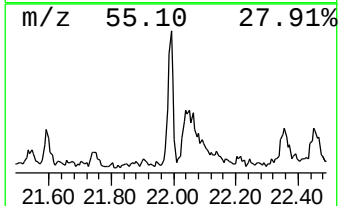
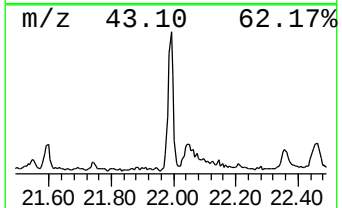
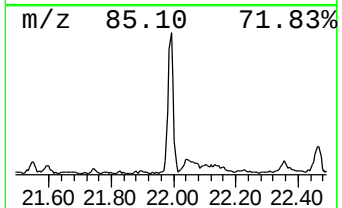
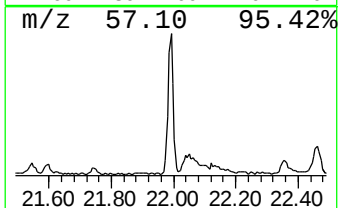
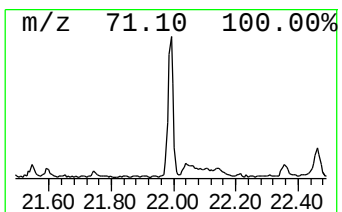
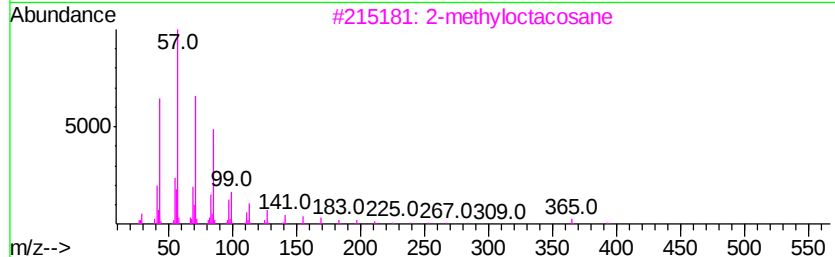
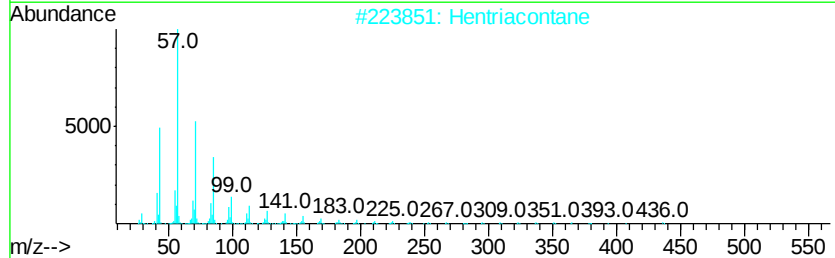
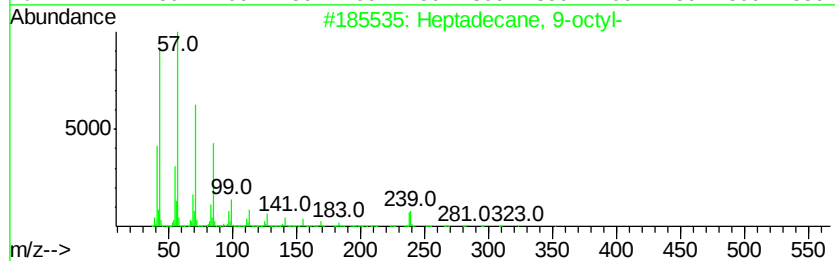
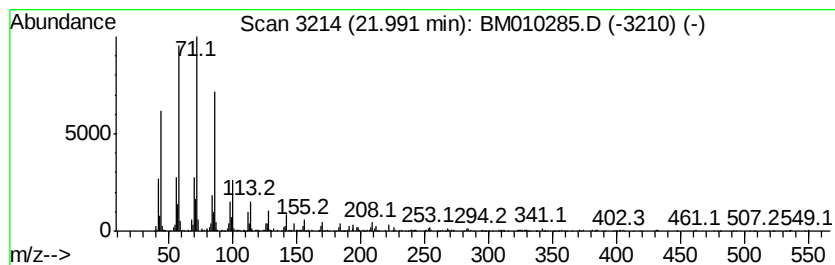
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	3.54 ng/ul	1446630	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2		Hentriacontane	437	C31H64	000630-04-6	90
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Hexacosane	366	C26H54	000630-01-3	87



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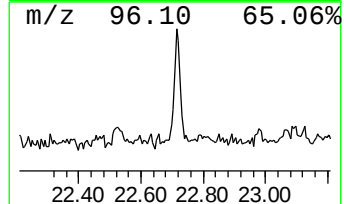
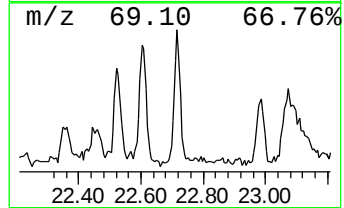
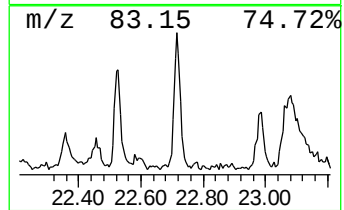
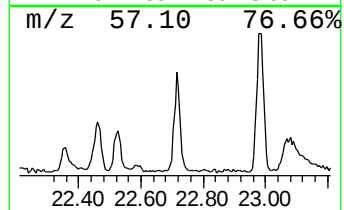
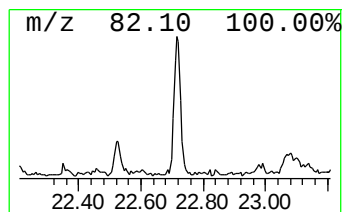
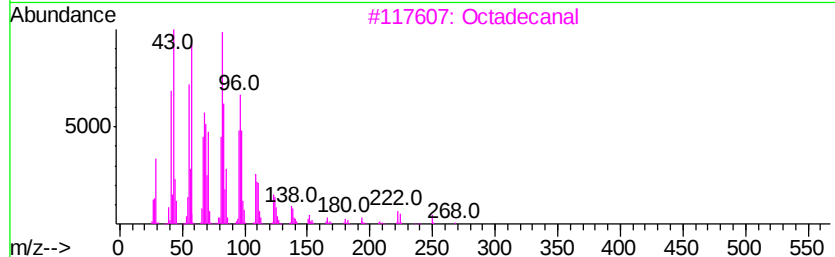
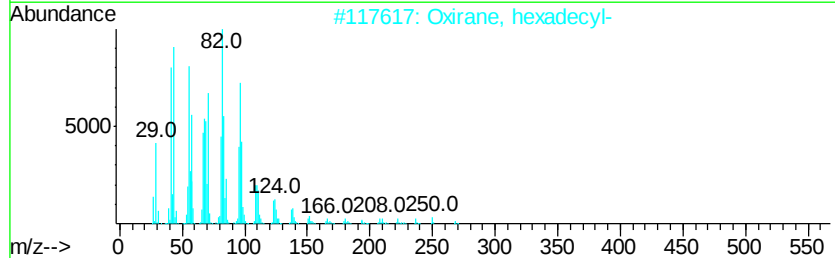
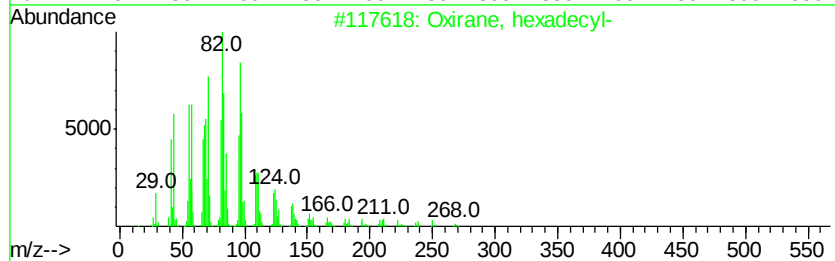
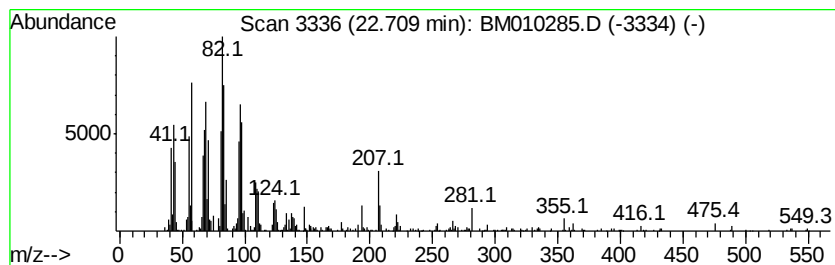
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Oxirane, hexadecyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.71	3.23 ng/ul	1362120	Perylene-d12	23.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	97
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
3	Octadecanal	268	C18H36O	000638-66-4	91
4	1,19-Eicosadiene	278	C20H38	014811-95-1	91
5	Octadecanal	268	C18H36O	000638-66-4	89



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010285.D
Acq On : 27 May 2017 20:56
Operator : SJ/MA
Sample : I3162-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

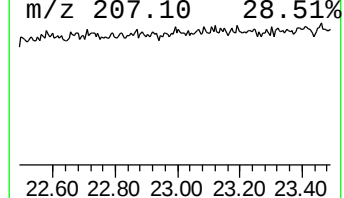
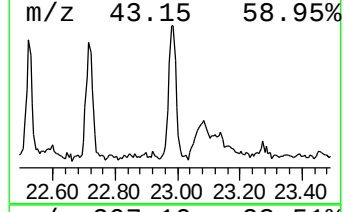
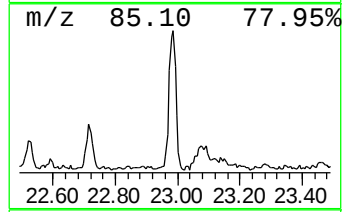
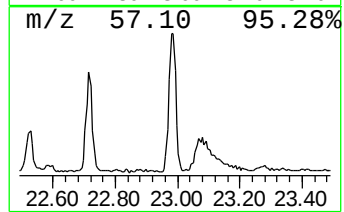
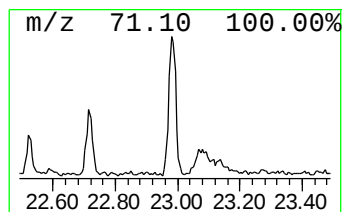
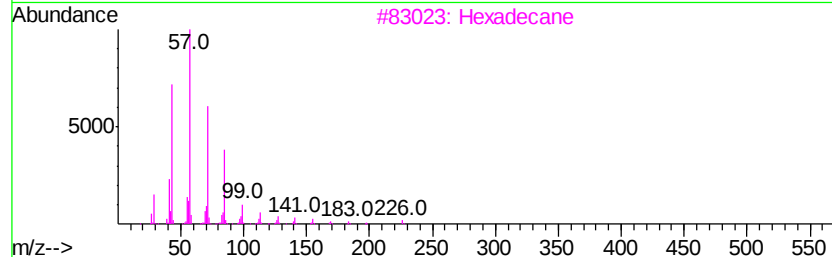
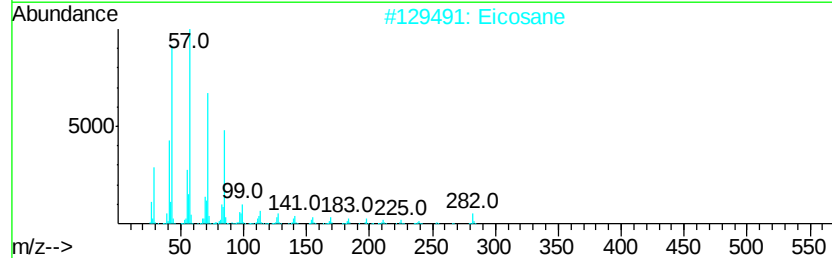
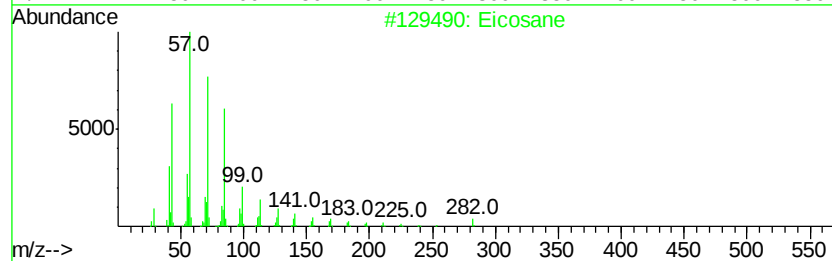
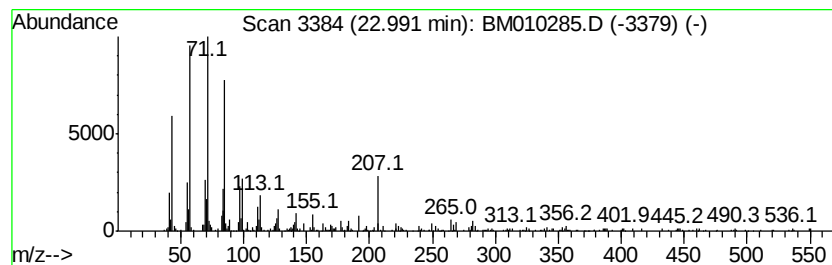
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	2.29 ng/ul	965362	Perylene-d12	23.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	93
2	Eicosane	282 C20H42	000112-95-8	91
3	Hexadecane	226 C16H34	000544-76-3	90
4	2-methylhexacosane	380 C27H56	1000376-72-7	86
5	Tetracosane	338 C24H50	000646-31-1	80



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010285.D
Acq On : 27 May 2017 20:56
Operator : SJ/MA
Sample : I3162-02
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ClientSampleId :
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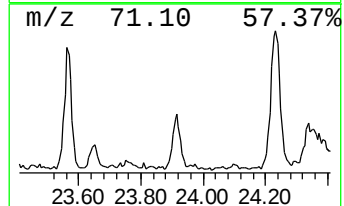
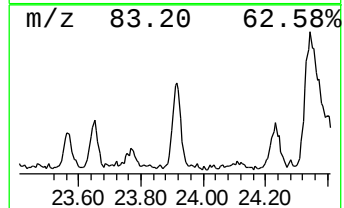
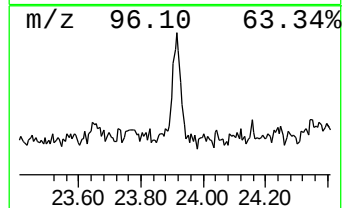
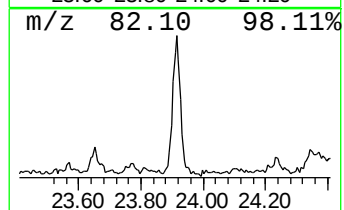
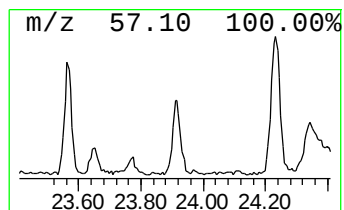
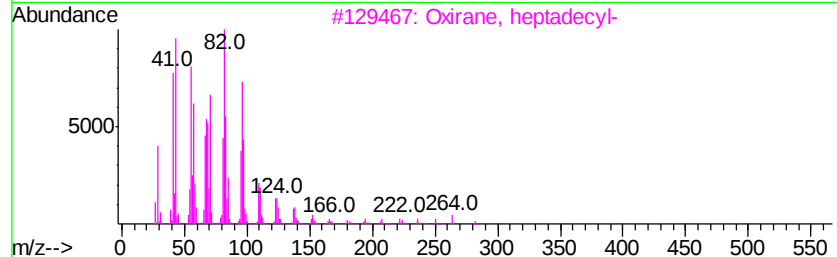
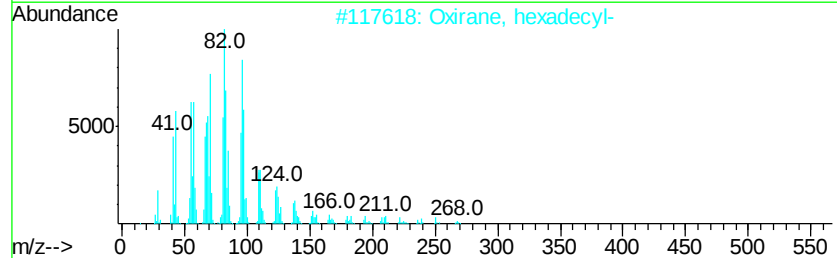
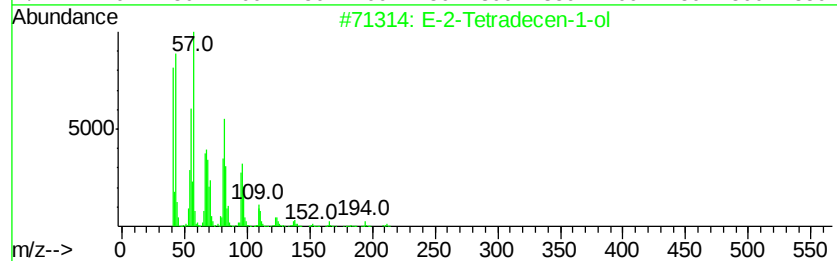
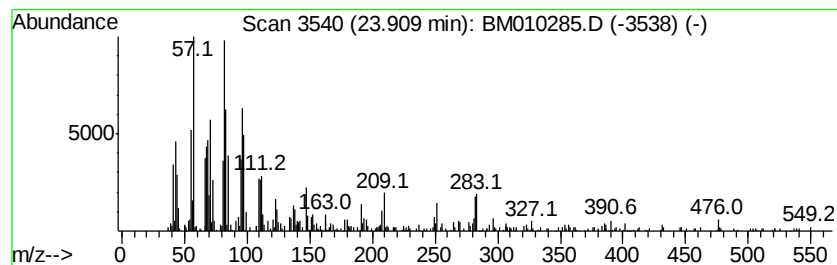
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 E-2-Tetradecen-1-ol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.91	2.75 ng/ul	1159720	Perylene-d12	23.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	E-2-Tetradecen-1-ol	212	C14H28O	1000130-83-7	89
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
3		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87
4		Octadecanal	268	C18H36O	000638-66-4	83
5		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	83



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010285.D
Acq On : 27 May 2017 20:56
Operator : SJ/MA
Sample : I3162-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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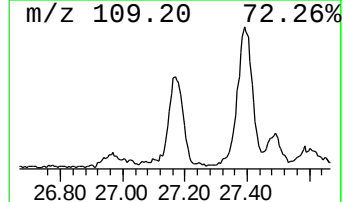
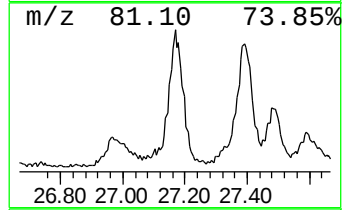
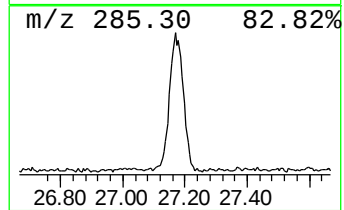
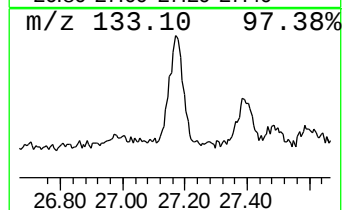
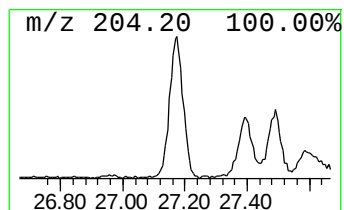
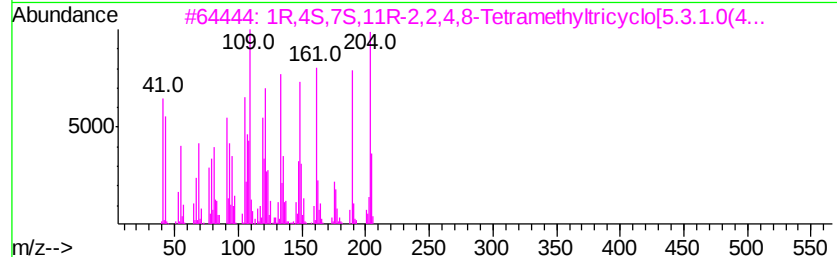
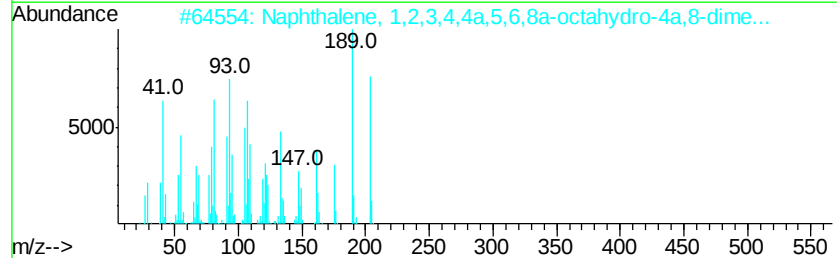
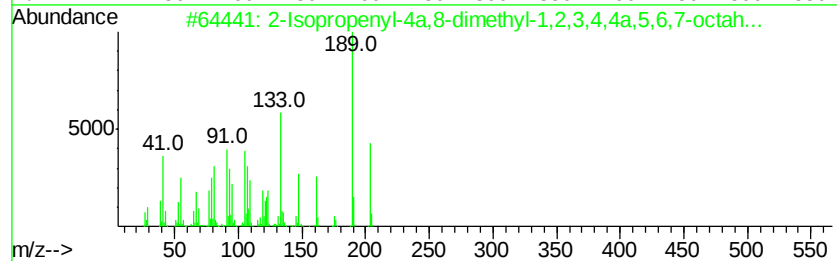
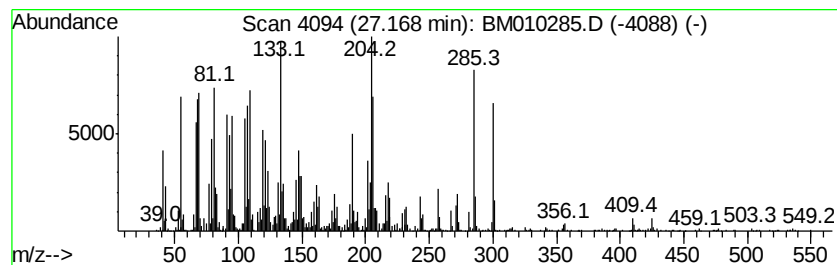
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.17	24.36 ng/ul	10270400	Perylene-d12	23.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000192-43-5	42
2		Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	38
3		1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204	C15H24	1000140-07-6	38
4		5.beta.,7.beta.H,10.alpha.-Eudes...	222	C15H26O	025826-85-1	38
5		Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010285.D
Acq On : 27 May 2017 20:56
Operator : SJ/MA
Sample : I3162-02
Misc :
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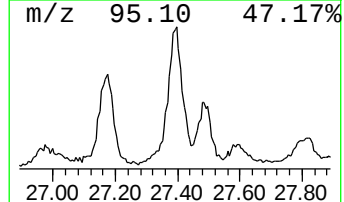
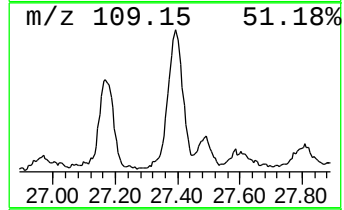
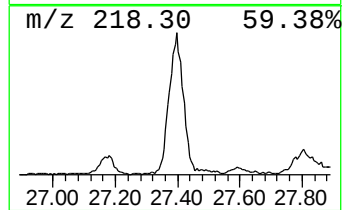
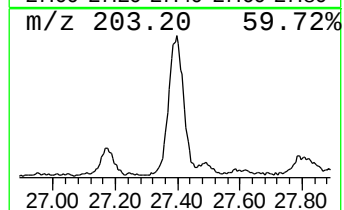
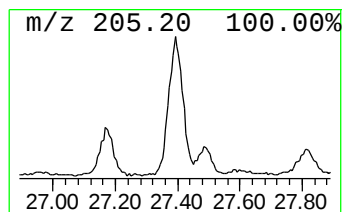
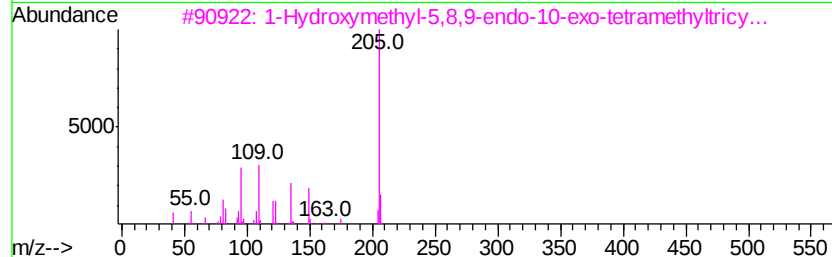
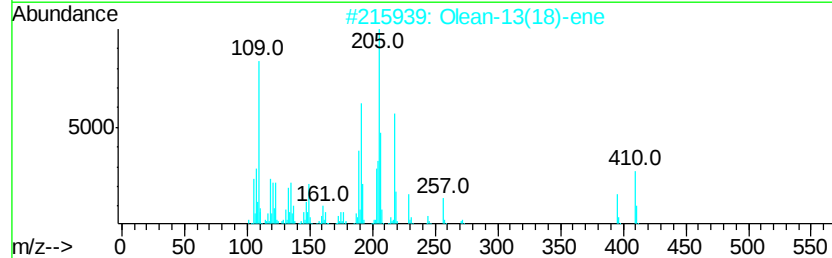
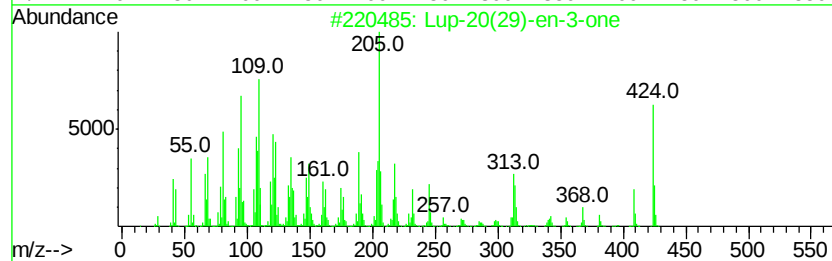
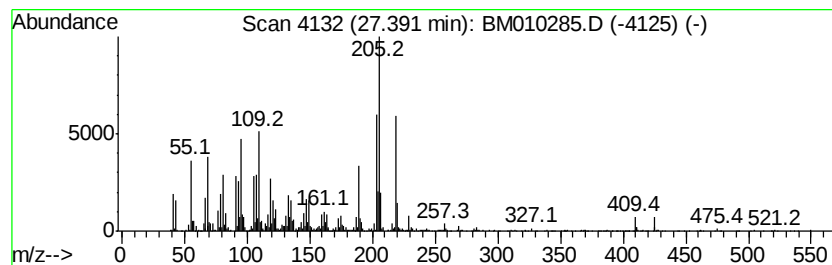
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Lup-20(29)-en-3-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.39	17.73 ng/ul	7473200	Perylene-d12	23.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Lup-20(29)-en-3-one	424 C30H48O	001617-70-5 58
2		Olean-13(18)-ene	410 C30H50	003399-27-7 43
3		1-Hydroxymethyl-5,8,9-endo-10-ex...	236 C16H28O	1000140-32-9 35
4		Benzenamine, 3,5-bis(1,1-dimethy...	205 C14H23N	002380-36-1 25
5		5-Hydroxymethyl tricyclazole	205 C9H7N3OS	069243-49-8 25



Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
Data File : BM010285.D
Acq On : 27 May 2017 20:56
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Instrument :
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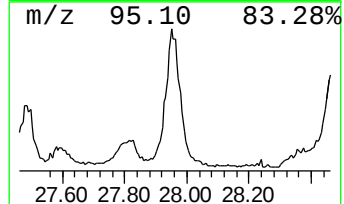
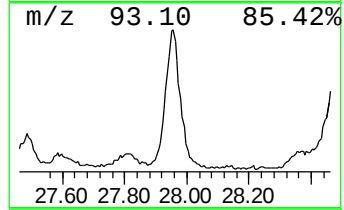
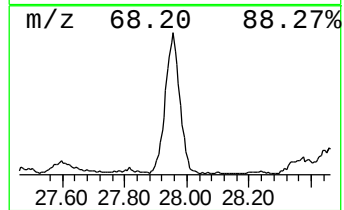
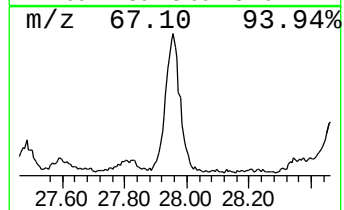
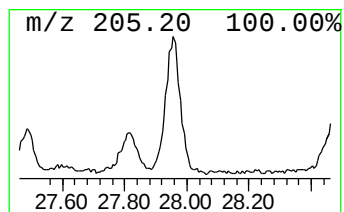
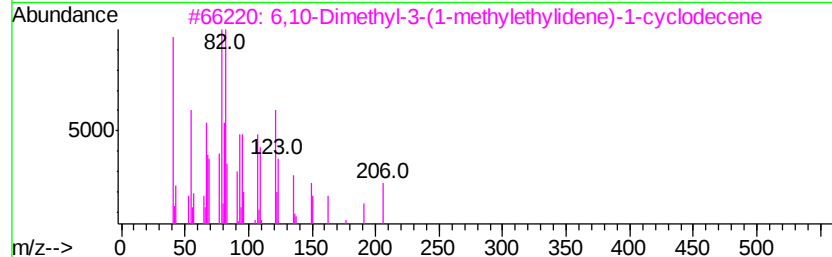
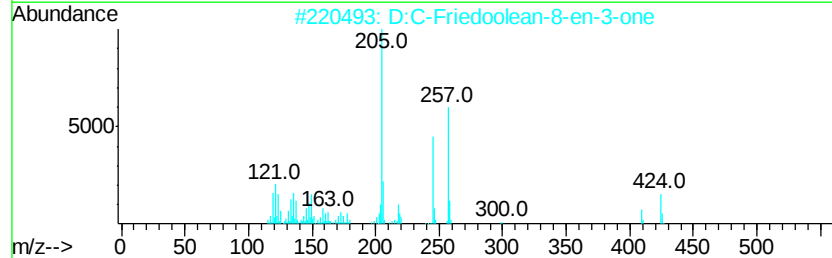
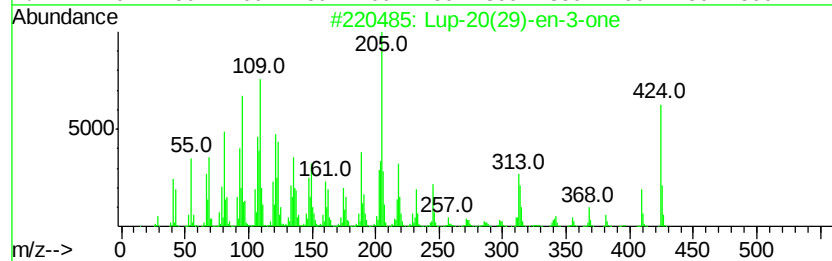
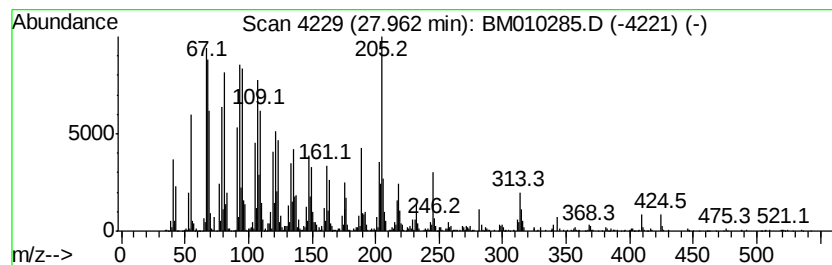
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 D:C-Friedoolean-8-en-3-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.96	29.37 ng/ul	12383000	Perylene-d12	23.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	93
2		D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	90
3		6,10-Dimethyl-3-(1-methylethylidene)-1-cyclodecene	206	C15H26	069239-71-0	78
4		2,6,6,9,2',6',9'-Octamethyl-1-phenanthrene	410	C30H50	1000189-48-2	64
5		Olean-13(18)-ene	410	C30H50	003399-27-7	62



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052717\
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 Sample : I3162-02
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Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.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
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photocitral B	18.46	3.4	ng/ul	947475	4	17.31	5523470	20.0
Hexadecane, 1-iodo-	21.12	5.6	ng/ul	2272400	5	21.47	8164420	20.0
(DEL) Alkane: Str...	21.99	3.5	ng/ul	1446630	5	21.47	8164420	20.0
Oxirane, hexadecyl-	22.71	3.2	ng/ul	1362120	6	23.82	8431610	20.0
(DEL) Alkane: Str...	22.99	2.3	ng/ul	965362	6	23.82	8431610	20.0
E-2-Tetradecen-1-ol	23.91	2.8	ng/ul	1159720	6	23.82	8431610	20.0
unknown-01	27.17	24.4	ng/ul	10270400	6	23.82	8431610	20.0
Lup-20(29)-en-3-one	27.39	17.7	ng/ul	7473200	6	23.82	8431610	20.0
D:C-Friedoolean-8...	27.96	29.4	ng/ul	12383000	6	23.82	8431610	20.0