

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
 Data File : BM007237.D
 Acq On : 19 Aug 2016 15:05
 Operator : UM/SJ
 Sample : H4436-16
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA215

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\SOM02.2-EPA-BM081116.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	6.969	739	745	755	rBV	662598	1093954	10.24%	1.637%
2	7.140	764	774	783	rBV	490693	767802	7.19%	1.149%
3	7.340	799	808	816	rBV	682644	1133908	10.61%	1.697%
4	7.804	880	887	897	rVB	904995	1473518	13.79%	2.205%
5	8.504	997	1006	1016	rBV	809993	1349258	12.63%	2.019%
6	8.957	1076	1083	1094	rVB	620030	1040520	9.74%	1.557%
7	9.675	1196	1205	1217	rBV	510061	874969	8.19%	1.309%
8	10.210	1289	1296	1312	rBV	846732	1452064	13.59%	2.173%
9	10.586	1352	1360	1369	rBV	1182663	2007011	18.78%	3.003%
10	10.722	1374	1383	1401	rBV	598896	1115040	10.44%	1.669%
11	13.327	1820	1826	1836	rVB2	58298	107049	1.00%	0.160%
12	13.845	1907	1914	1918	rBV	1398726	2042756	19.12%	3.057%
13	13.892	1918	1922	1930	rVB	1163341	1606226	15.03%	2.404%
14	14.127	1955	1962	1972	rVB	1647786	2467865	23.10%	3.693%
15	14.433	2008	2014	2022	rBV2	1635696	2599535	24.33%	3.890%
16	14.633	2040	2048	2062	rBV	566276	1009654	9.45%	1.511%
17	15.427	2176	2183	2193	rBV	2162700	3150434	29.49%	4.715%
18	15.545	2198	2203	2215	rBV	310331	498895	4.67%	0.747%
19	17.180	2474	2481	2487	rBV	2198785	3232026	30.25%	4.837%
20	17.274	2491	2497	2506	rVB2	2358386	3478064	32.55%	5.205%
21	17.562	2541	2546	2555	rBV	258897	432875	4.05%	0.648%
22	18.068	2628	2632	2640	rBV	143950	236254	2.21%	0.354%
23	18.933	2775	2779	2785	rBV3	104646	181171	1.70%	0.271%
24	19.568	2881	2887	2894	rBV	3150381	4355191	40.76%	6.518%
25	21.068	3139	3142	3149	rBV	453054	628776	5.88%	0.941%
26	21.356	3187	3191	3196	rBV	3028535	3975755	37.21%	5.950%
27	22.933	3455	3459	3464	rBV	751458	1099347	10.29%	1.645%
28	23.486	3548	3553	3563	rVB2	2203762	4386182	41.05%	6.564%
29	23.633	3572	3578	3586	rVB	2198272	4155320	38.89%	6.218%
30	24.168	3665	3669	3678	rVB2	614531	1208859	11.31%	1.809%
31	27.673	4260	4265	4283	rVB7	767605	2978021	27.87%	4.457%
32	28.056	4319	4330	4365	rVB5	2218589	10684623	100.00%	15.989%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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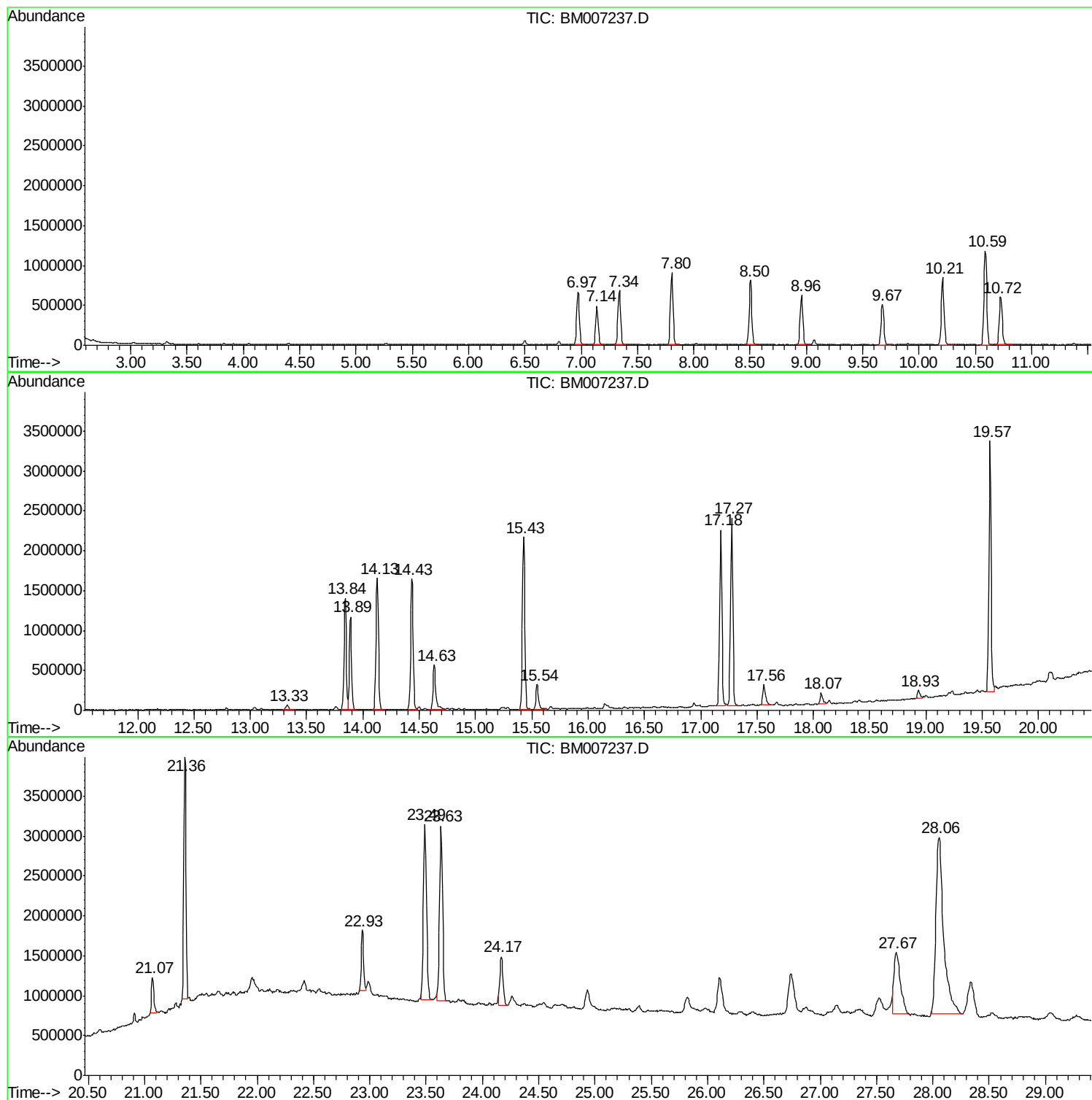
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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



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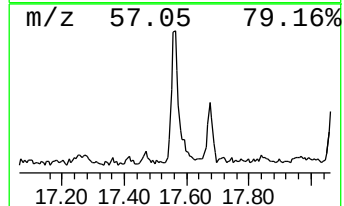
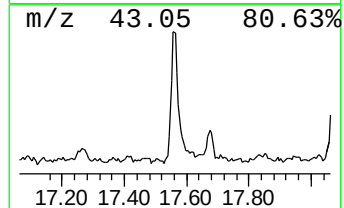
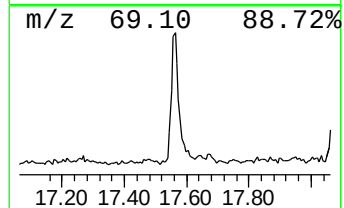
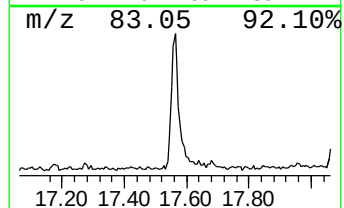
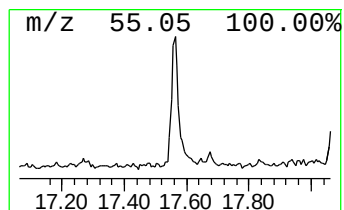
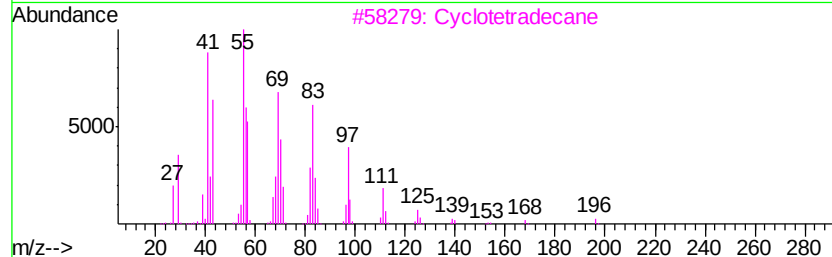
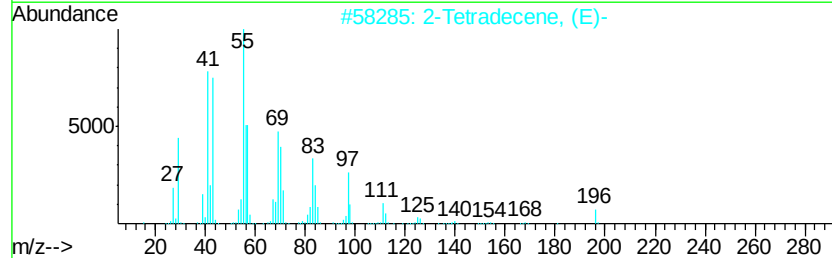
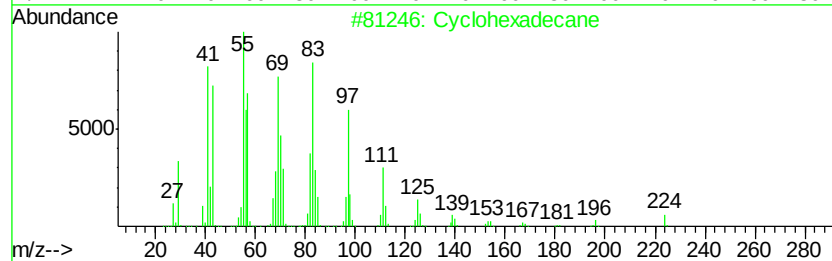
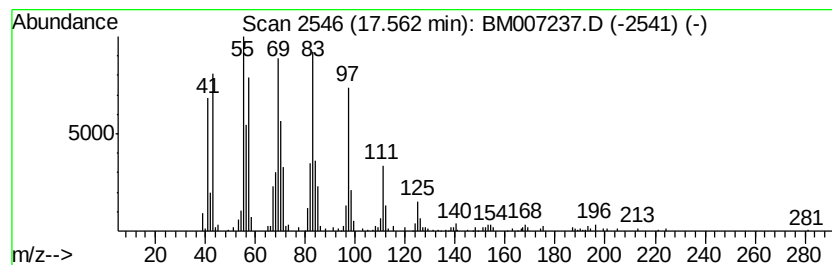
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic17.56 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.56	2.68 ng/ul	432875	Phenanthrene-d10		17.18		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	98
2			2-Tetradecene, (E)-	196	C14H28	035953-54-9	97
3			Cyclotetradecane	196	C14H28	000295-17-0	97
4			Cyclotetradecane	196	C14H28	000295-17-0	95
5			1-Hexadecanol	242	C16H34O	036653-82-4	95



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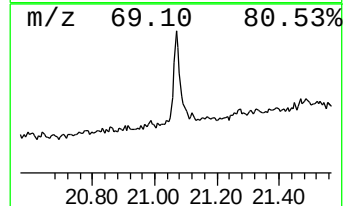
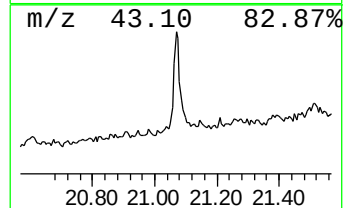
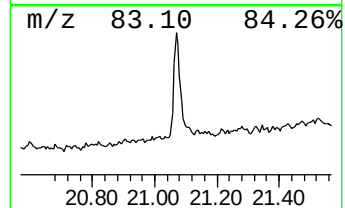
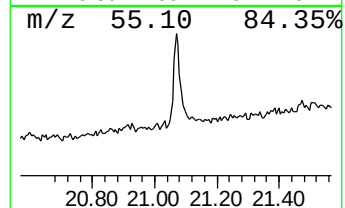
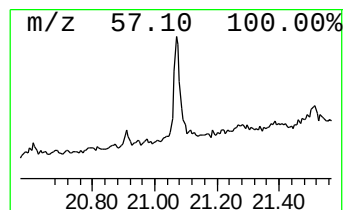
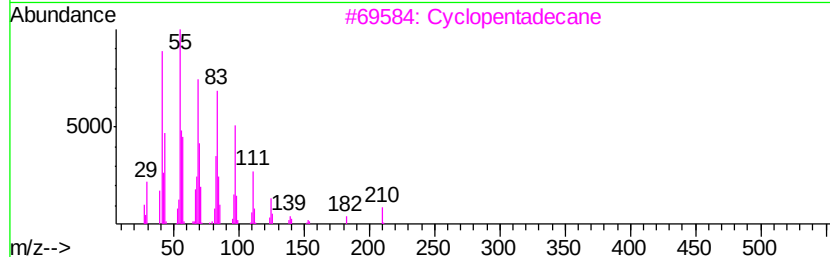
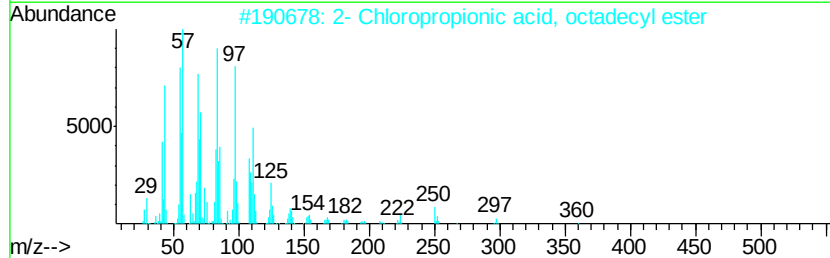
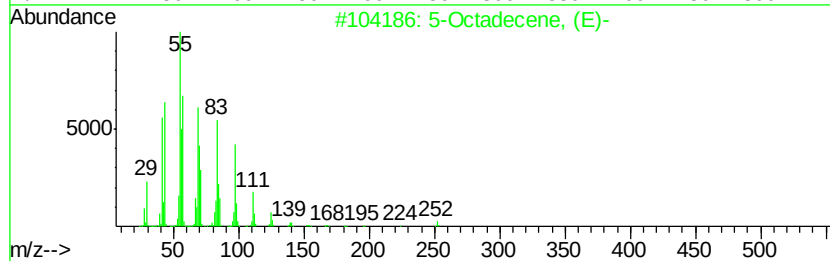
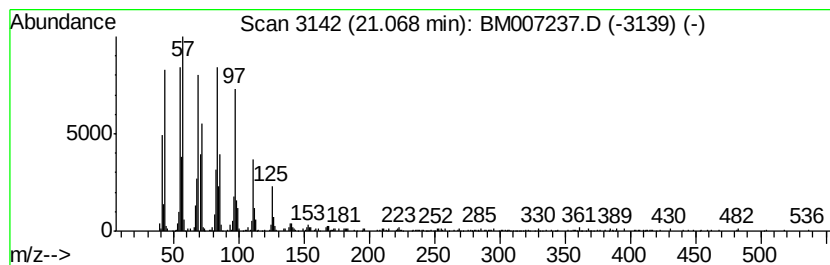
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic21.07 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	3.16 ng/ul	628776	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3		Cyclopentadecane	210	C15H30	000295-48-7	93
4		1-Tricosene	322	C23H46	018835-32-0	93
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93



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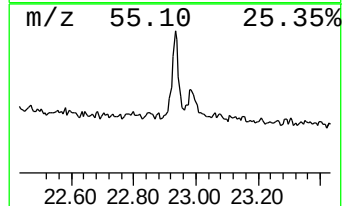
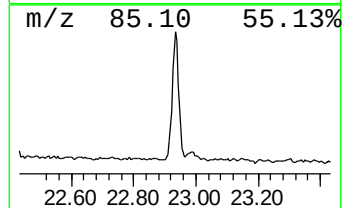
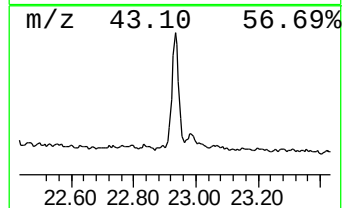
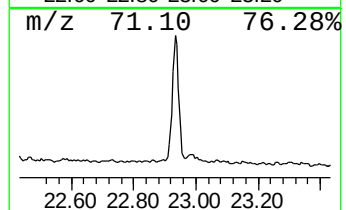
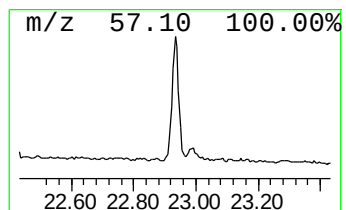
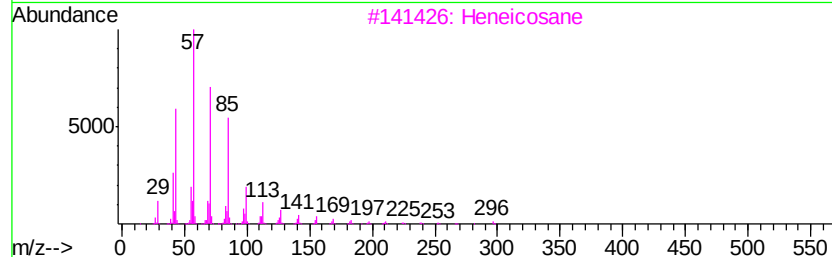
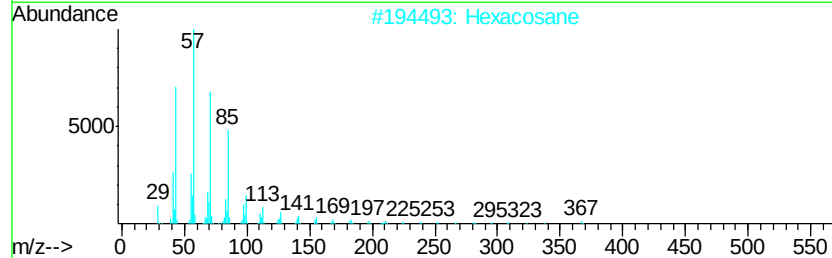
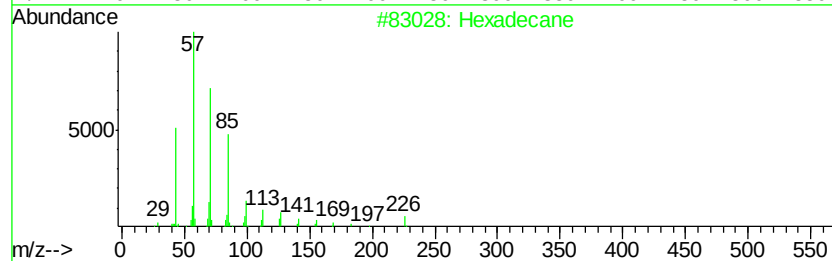
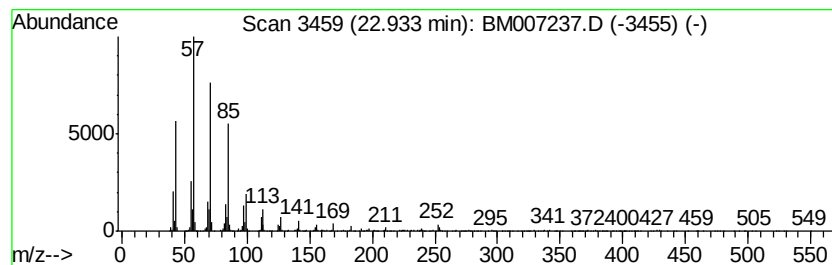
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.93	5.29 ng/ul	1099350	Perylene-d12	23.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Hexacosane	366	C26H54	000630-01-3	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Triacontane	422	C30H62	000638-68-6	87
5		Tetracosane	338	C24H50	000646-31-1	86



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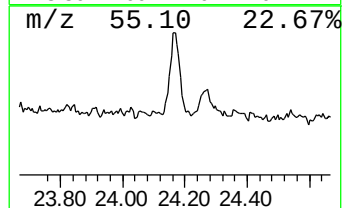
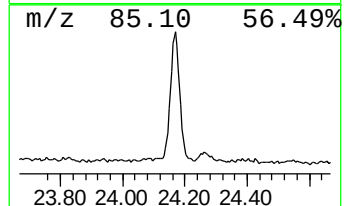
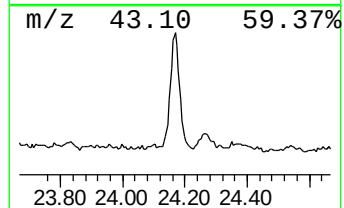
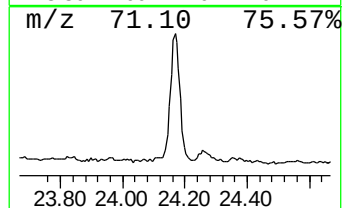
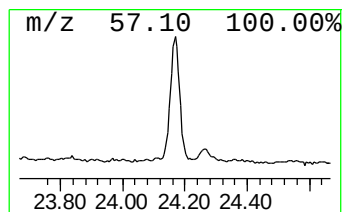
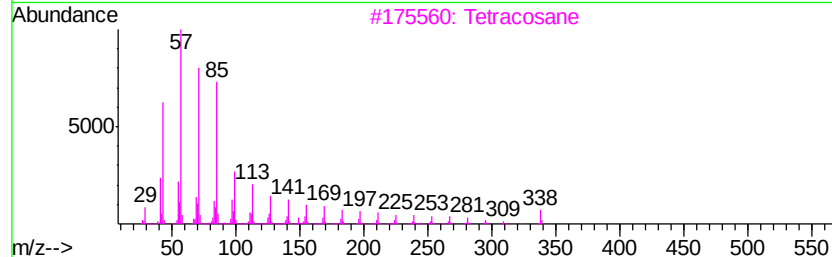
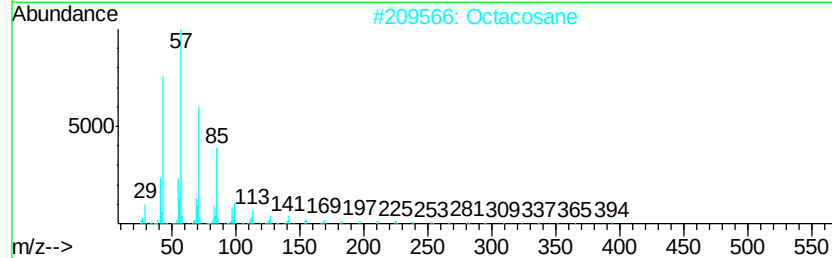
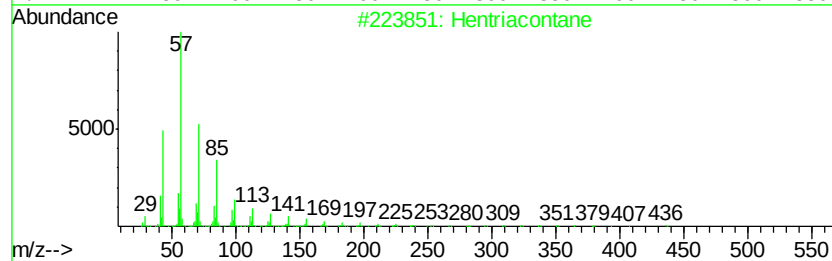
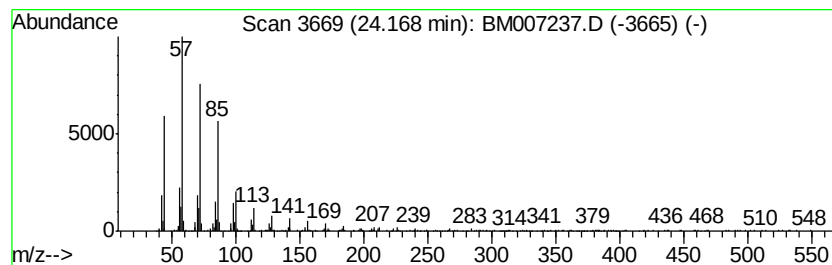
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.17	5.82 ng/ul	1208860	Perylene-d12	23.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	98
2		Octacosane	394	C28H58	000630-02-4	94
3		Tetracosane	338	C24H50	000646-31-1	87
4		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



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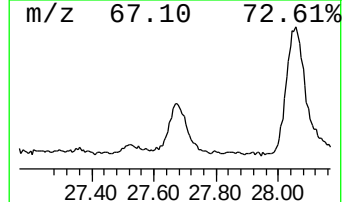
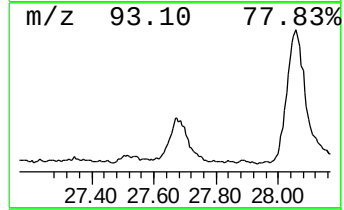
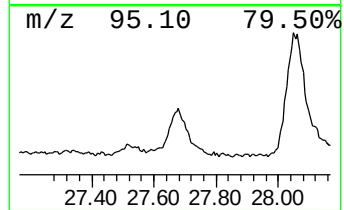
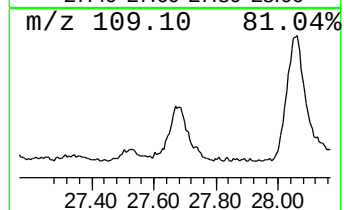
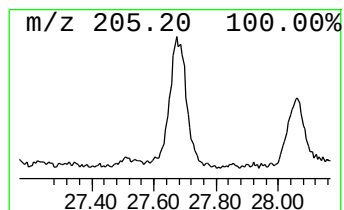
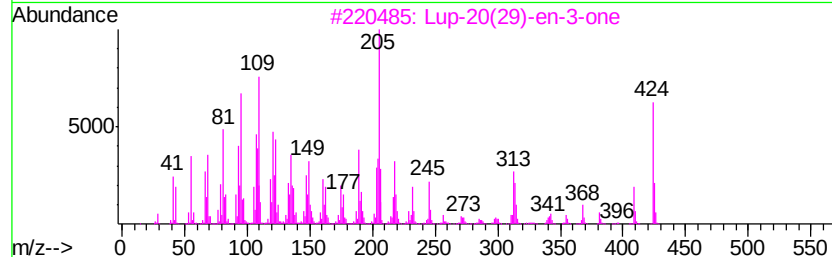
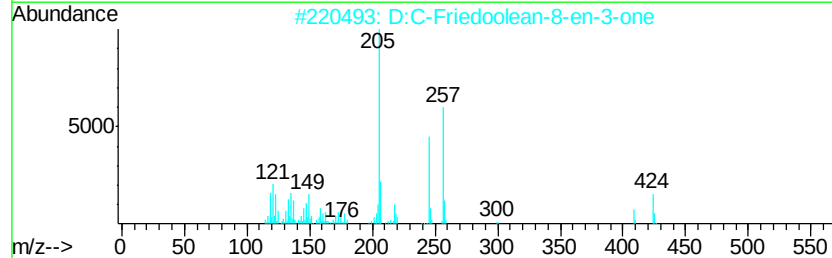
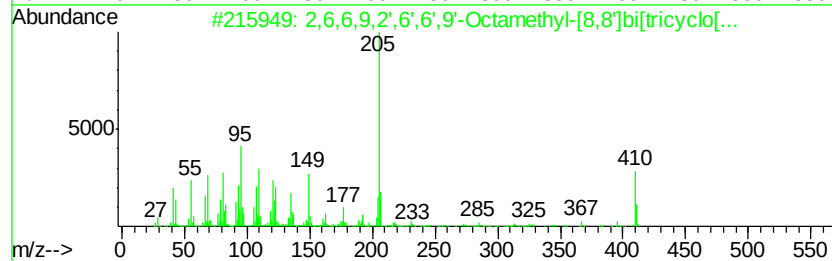
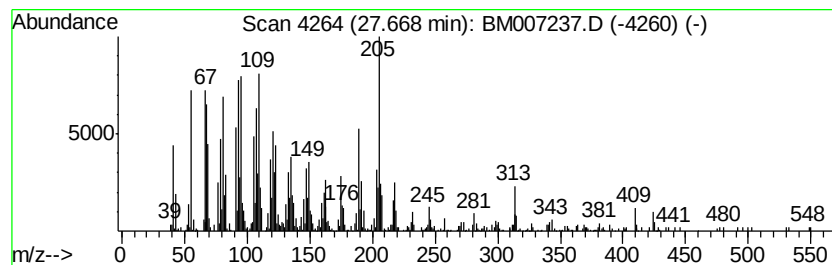
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2,6,6,9,2',6',6',9'-Octamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.67	14.33 ng/ul	2978020	Perylene-d12	23.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6,6,9,2',6',6',9'-Octamethyl-[...]	410	C30H50	1000189-48-2	86
2		D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	49
3		Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	38
4		Succinic acid, 3,5-dimethylpheny...	340	C21H24O4	1000360-73-3	38
5		Dimethyl{bis[(4,8,8-trimethyldec...	500	C32H56O2Si	1000364-69-0	25



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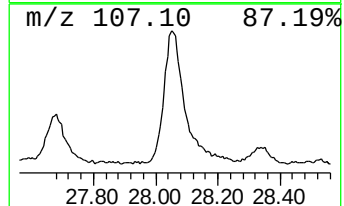
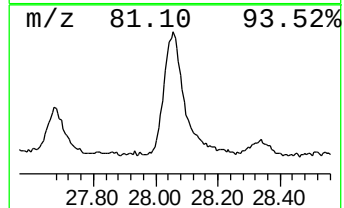
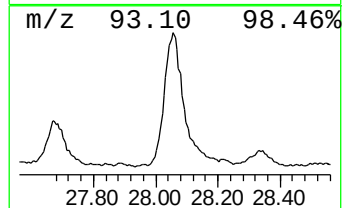
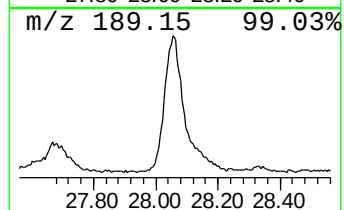
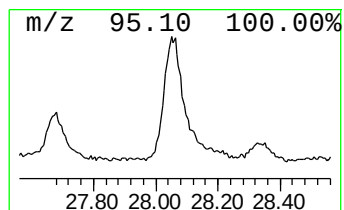
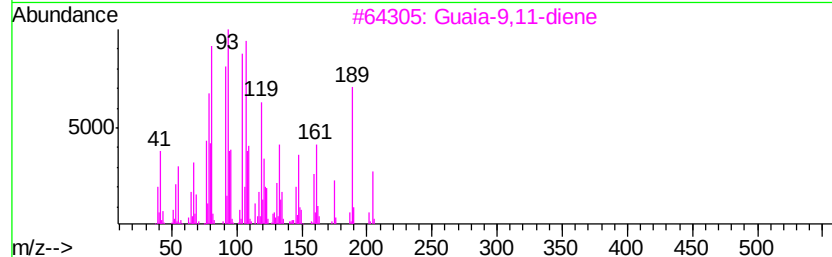
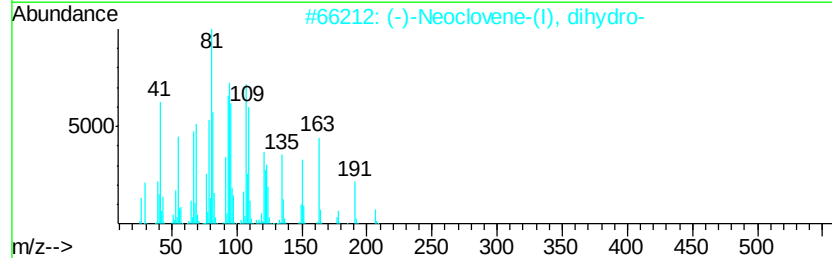
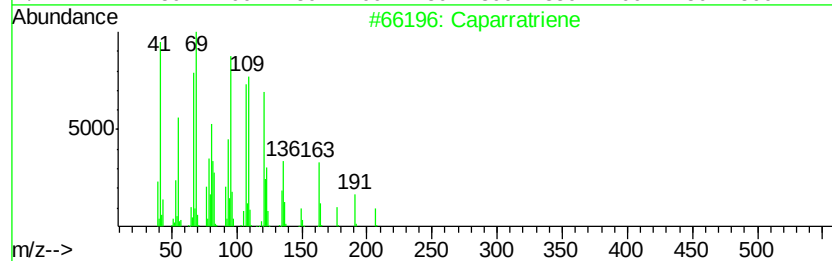
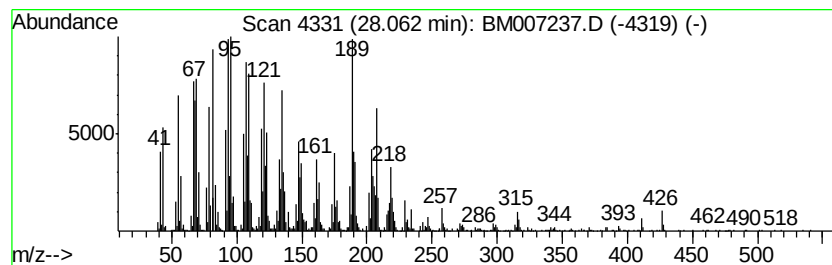
Instrument :
BNA_M
ClientSampleId :
DA215

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Caparratriene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.06	51.43 ng/ul	10684600	Perylene-d12	23.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Caparratriene	206 C15H26	1000374-08-7	64
2	(-)-Neoclovene-(I), dihydro-	206 C15H26	1000152-82-1	58
3	Guaia-9,11-diene	204 C15H24	1000374-19-8	53
4	(-)-Neoclovene-(II), dihydro-	206 C15H26	1000152-83-6	47
5	Cyclohexane, 1-ethenyl-1-methyl-...	204 C15H24	003242-08-8	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
Data File : BM007237.D
Acq On : 19 Aug 2016 15:05
Operator : UM/SJ
Sample : H4436-16
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA215

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.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
(DEL) Alkane: Cyc...	17.56	2.7	ng/ul	432875	4	17.18	3232030	20.0
(DEL) Alkane: Cyc...	21.07	3.2	ng/ul	628776	5	21.36	3975760	20.0
(DEL) Alkane: Str...	22.93	5.3	ng/ul	1099350	6	23.63	4155320	20.0
(DEL) Alkane: Str...	24.17	5.8	ng/ul	1208860	6	23.63	4155320	20.0
2,6,6,9,2',6',6',...	27.67	14.3	ng/ul	2978020	6	23.63	4155320	20.0
Caparratriene	28.06	51.4	ng/ul	10684600	6	23.63	4155320	20.0