

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
 Data File : BM008424.D
 Acq On : 17 Dec 2016 22:37
 Operator : UM/SJ
 Sample : H6067-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7G5

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-2016\SOM02.2-EPA-BM121416.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	3.934	222	229	250	rBV	12345393	17805732	100.00%	42.383%
2	6.857	721	726	740	rBV3	159107	405480	2.28%	0.965%
3	7.010	746	752	765	rVB	175016	310931	1.75%	0.740%
4	7.198	779	784	792	rBV	227397	395017	2.22%	0.940%
5	7.657	857	862	874	rVB	462318	786549	4.42%	1.872%
6	8.381	979	985	996	rBV	185074	399449	2.24%	0.951%
7	8.828	1054	1061	1074	rBV	202649	431530	2.42%	1.027%
8	9.539	1175	1182	1194	rBV	172970	349731	1.96%	0.832%
9	10.092	1270	1276	1289	rBV	182515	455637	2.56%	1.085%
10	10.433	1321	1334	1340	rBV	648211	1147288	6.44%	2.731%
11	13.716	1887	1892	1897	rBV	493428	710133	3.99%	1.690%
12	13.768	1897	1901	1905	rVB	187271	254657	1.43%	0.606%
13	13.992	1932	1939	1950	rVB	627348	1020449	5.73%	2.429%
14	14.298	1984	1991	1998	rBV	979028	1470610	8.26%	3.500%
15	15.298	2155	2161	2167	rBV	761151	1158231	6.50%	2.757%
16	15.468	2185	2190	2198	rBV	136633	268889	1.51%	0.640%
17	16.027	2278	2285	2290	rBV2	161611	347243	1.95%	0.827%
18	16.798	2410	2416	2420	rBV2	131801	207481	1.17%	0.494%
19	17.057	2454	2460	2464	rBV	1173798	1740668	9.78%	4.143%
20	17.098	2464	2467	2471	rVV	155404	220504	1.24%	0.525%
21	17.156	2471	2477	2487	rVB2	840254	1298188	7.29%	3.090%
22	17.945	2605	2611	2614	rBV3	129243	252859	1.42%	0.602%
23	18.233	2656	2660	2665	rBV	135970	178685	1.00%	0.425%
24	18.868	2763	2768	2772	rBV2	187995	261329	1.47%	0.622%
25	19.121	2807	2811	2817	rBV	153569	220556	1.24%	0.525%
26	19.456	2863	2868	2880	rBV2	1331433	1949400	10.95%	4.640%
27	19.992	2956	2959	2964	rVB	319957	375405	2.11%	0.894%
28	20.333	3013	3017	3020	rBV	259934	320186	1.80%	0.762%
29	20.486	3040	3043	3049	rVB	272721	307934	1.73%	0.733%
30	20.950	3119	3122	3129	rBV	352611	397681	2.23%	0.947%
31	21.156	3154	3157	3162	rVB	313679	339218	1.91%	0.807%
32	21.256	3169	3174	3178	rBV	1744759	2290114	12.86%	5.451%
33	23.344	3525	3529	3542	rVB2	919338	1921713	10.79%	4.574%
34	23.480	3548	3552	3559	rVB	1104236	2012035	11.30%	4.789%

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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-2016\SOM02.2-EPA-BM121416.M
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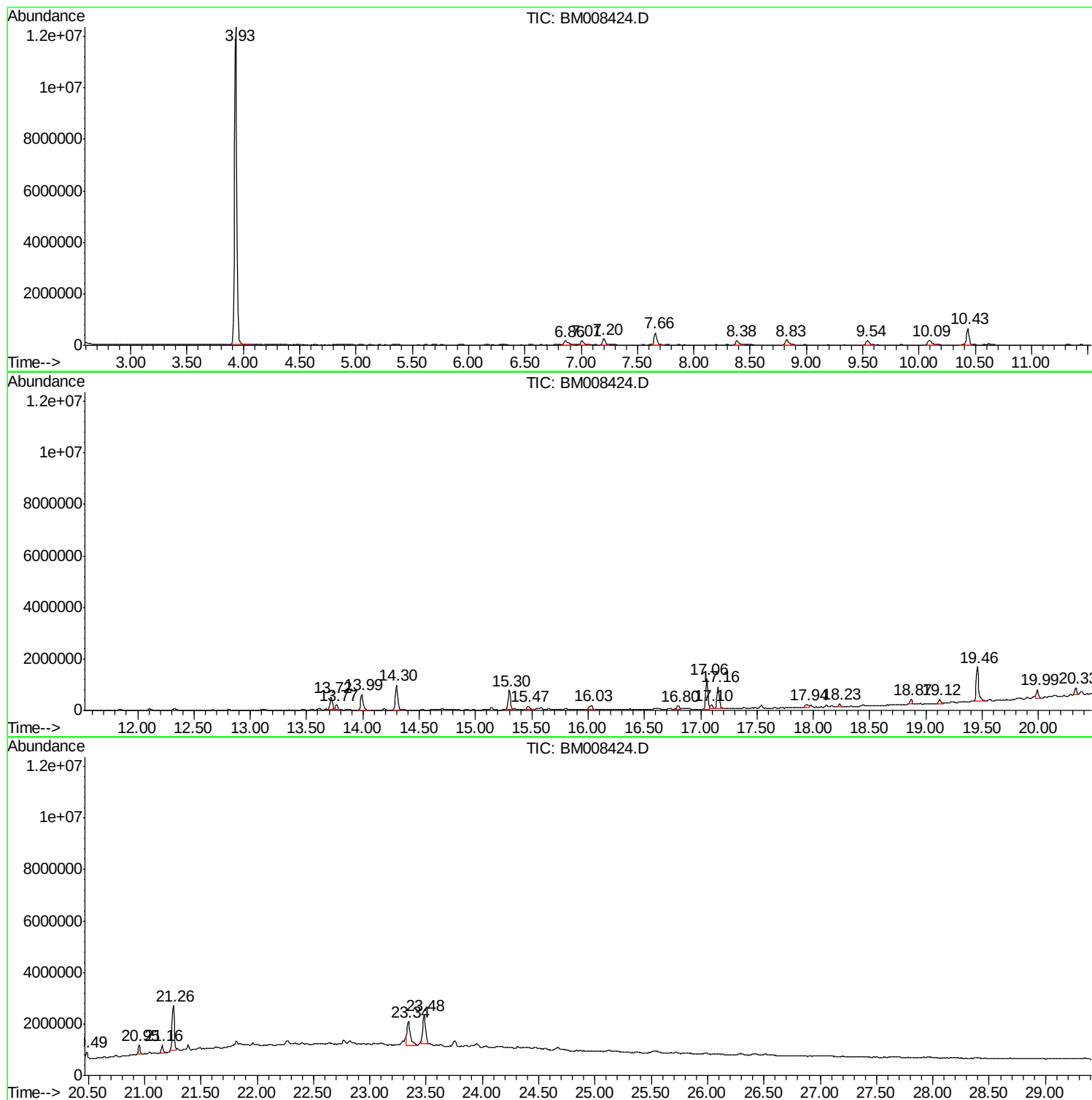
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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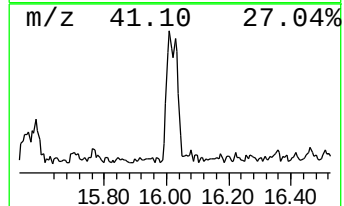
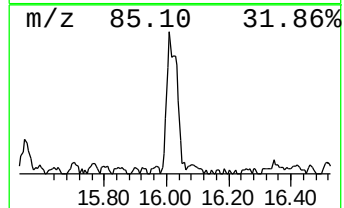
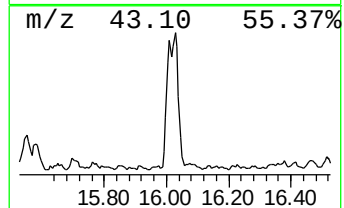
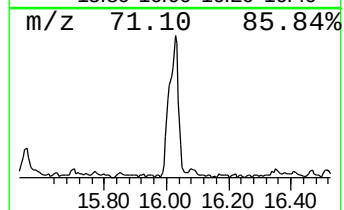
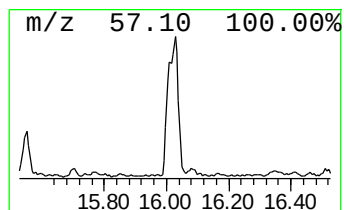
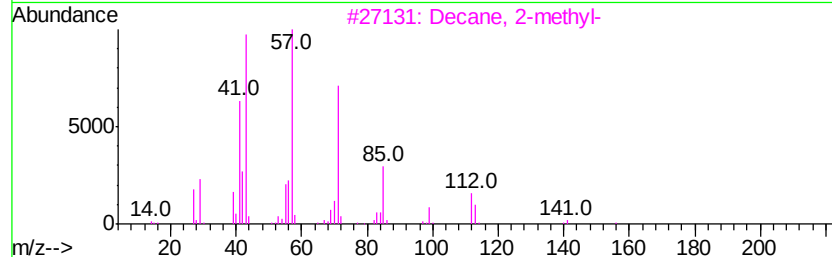
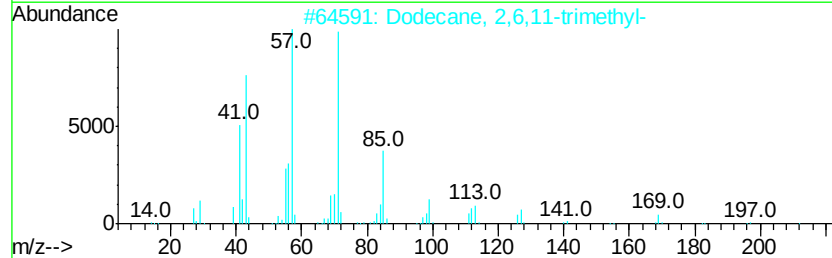
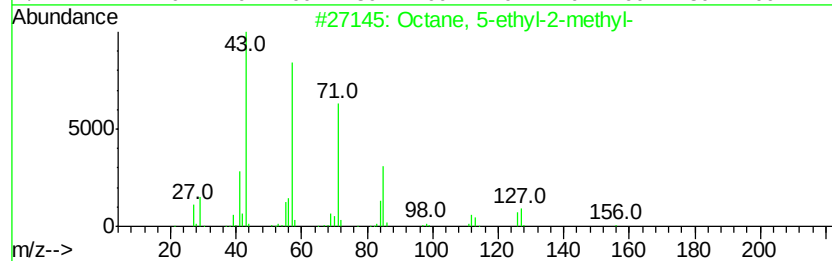
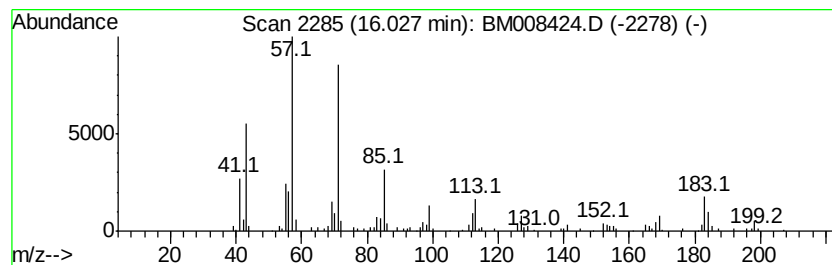
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	3.99 ng/ul	347243	Phenanthrene-d10	17.06

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	72
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
3		Decane, 2-methyl-	156	C11H24	006975-98-0	72
4		Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	68
5		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	68



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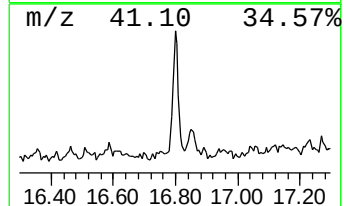
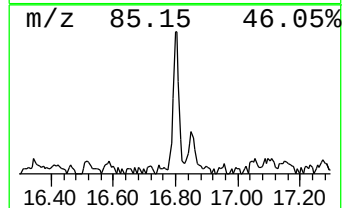
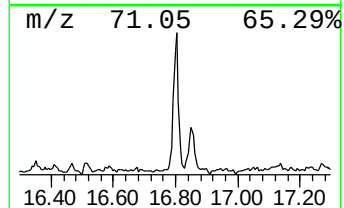
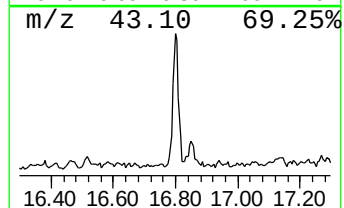
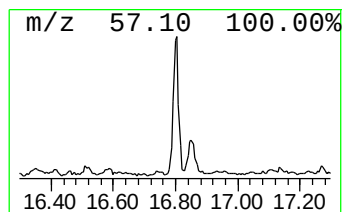
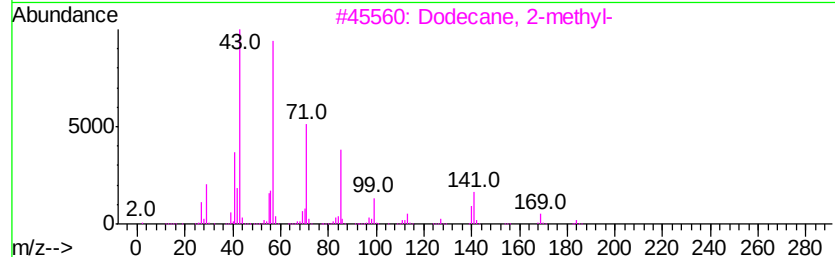
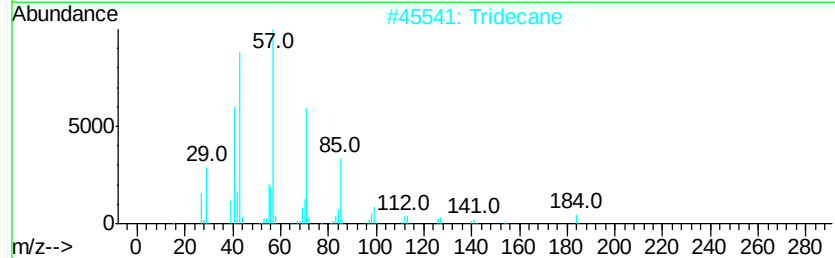
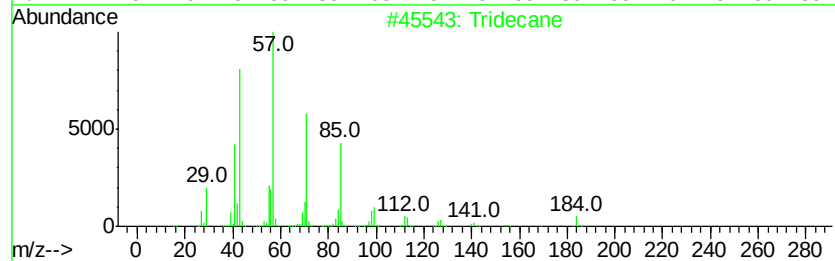
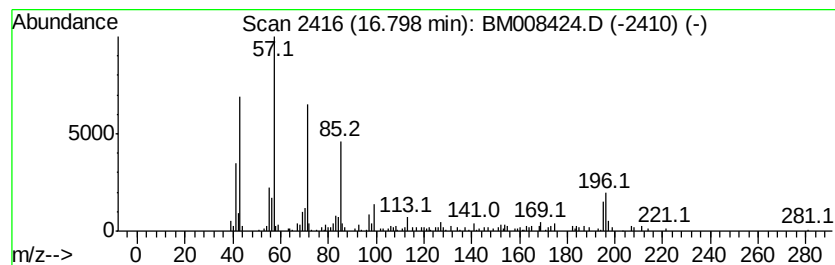
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	2.38 ng/ul	207481	Phenanthrene-d10	17.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	70
2		Tridecane	184	C13H28	000629-50-5	70
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	70
4		Eicosane	282	C20H42	000112-95-8	62
5		Tetracosane	338	C24H50	000646-31-1	62



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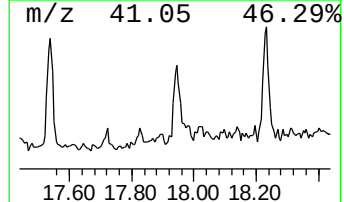
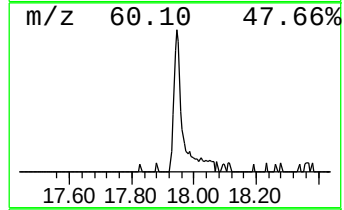
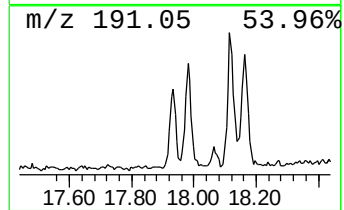
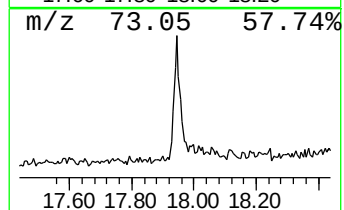
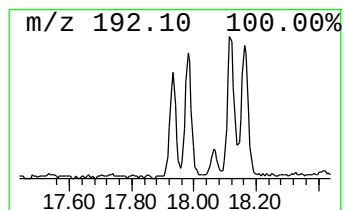
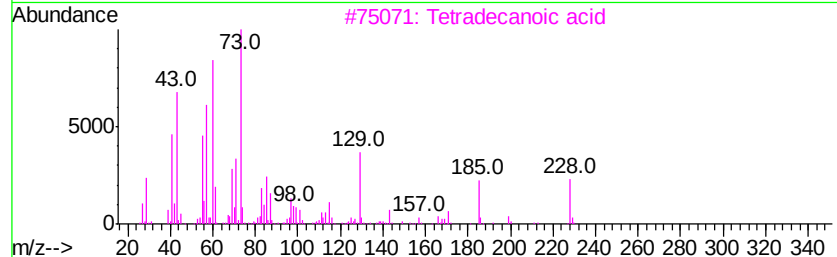
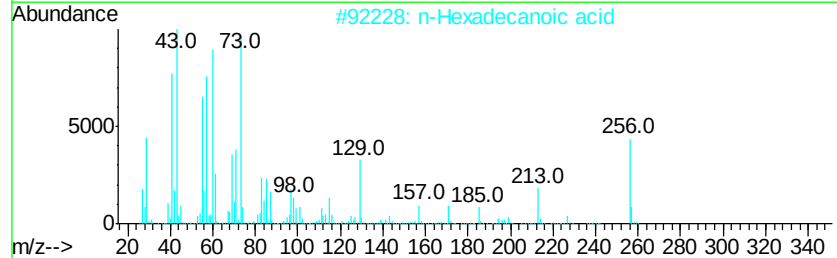
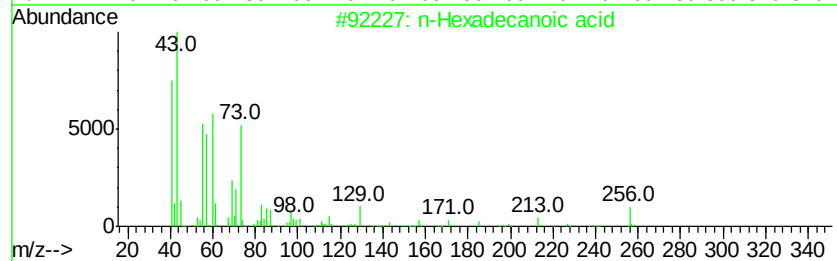
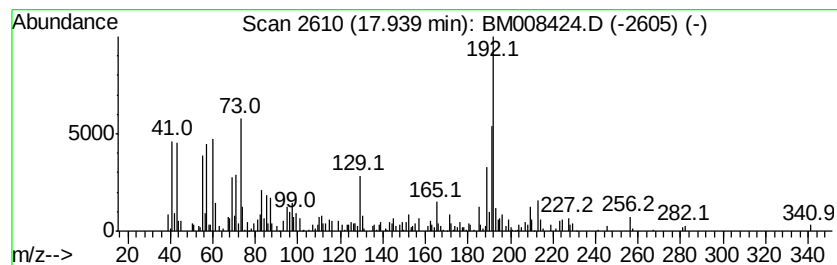
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	2.91 ng/ul	252859	Phenanthrene-d10	17.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4		Tridecanoic acid	214	C13H26O2	000638-53-9	55
5		Tridecanoic acid	214	C13H26O2	000638-53-9	55



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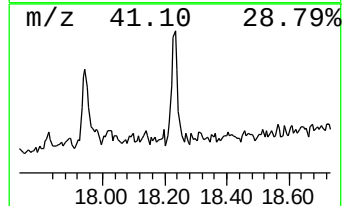
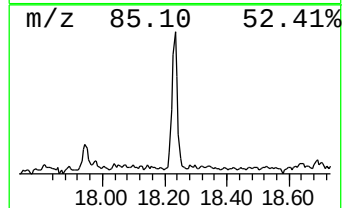
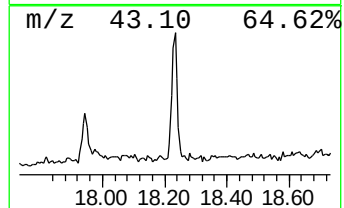
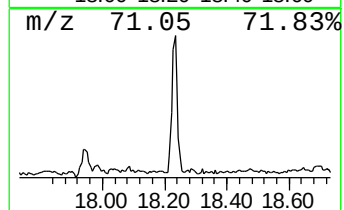
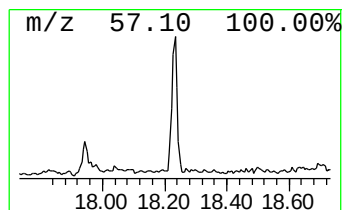
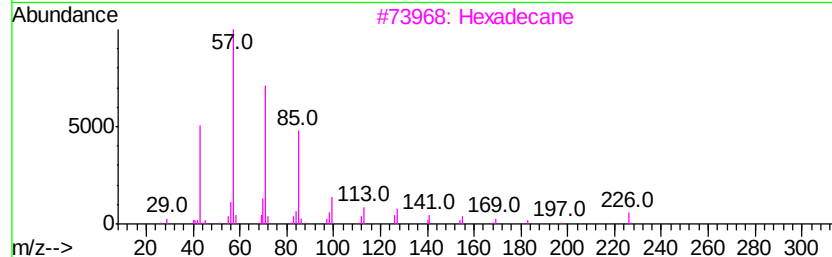
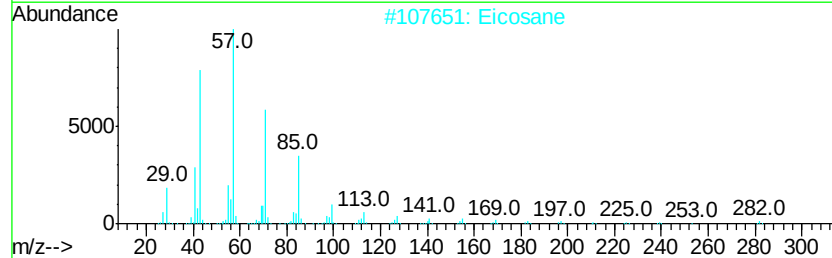
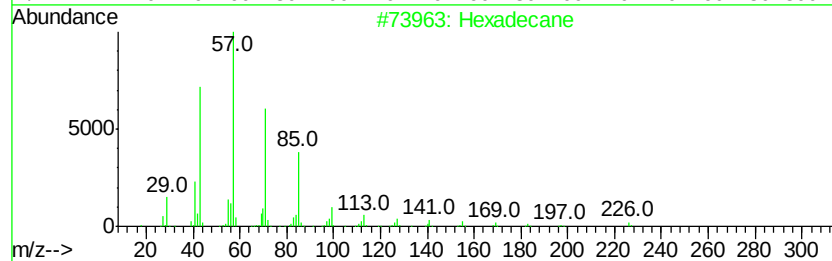
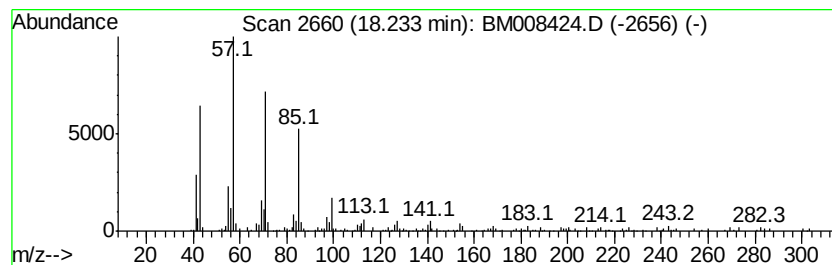
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.05 ng/ul	178685	Phenanthrene-d10	17.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	92
2		Eicosane	282	C20H42	000112-95-8	92
3		Hexadecane	226	C16H34	000544-76-3	86
4		Nonadecane	268	C19H40	000629-92-5	83
5		Eicosane	282	C20H42	000112-95-8	83



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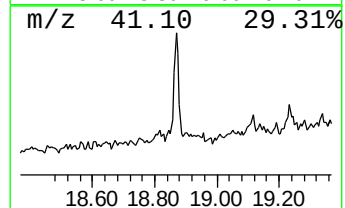
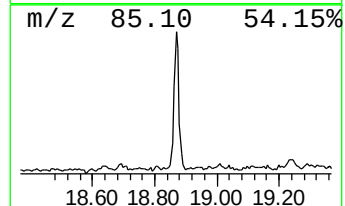
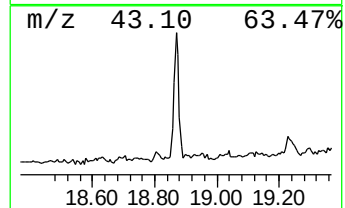
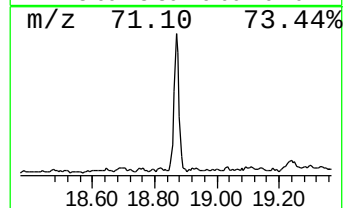
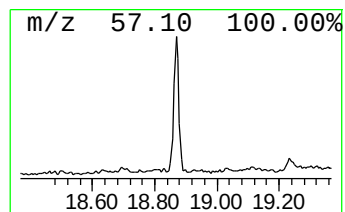
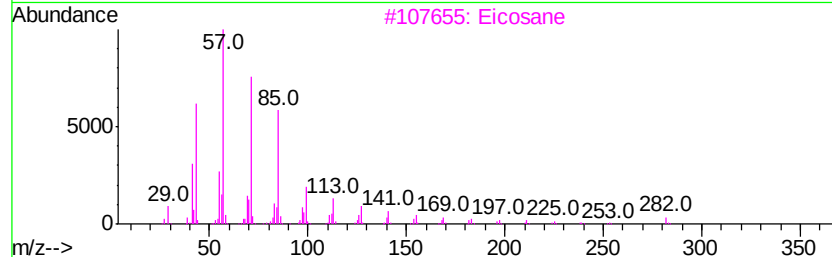
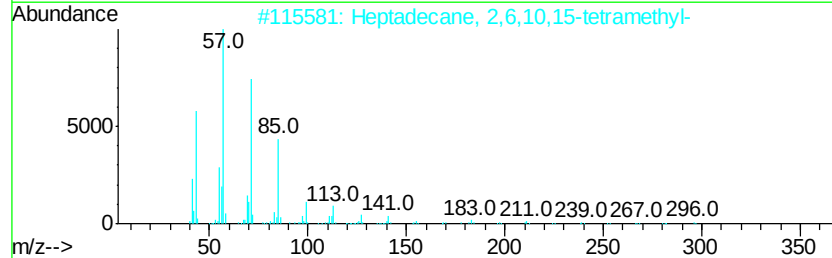
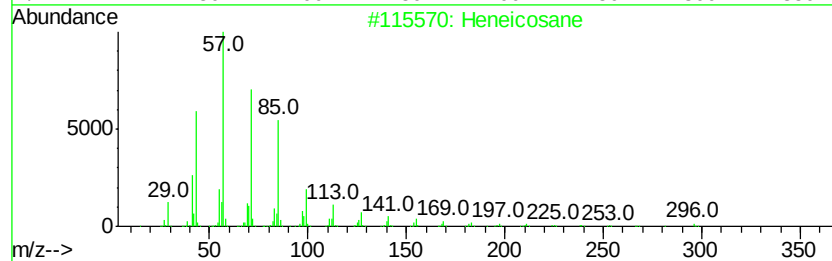
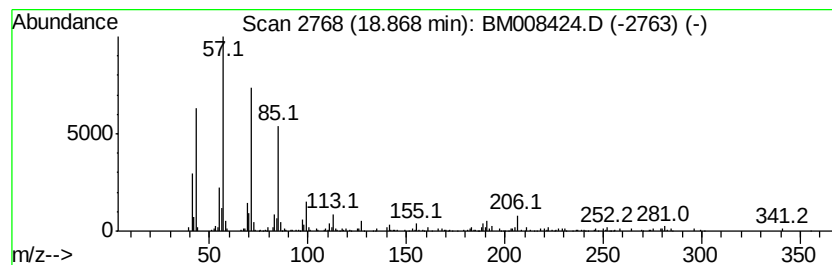
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.87	3.00 ng/ul	261329	Phenanthrene-d10	17.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3		Eicosane	282	C20H42	000112-95-8	93
4		Hexadecane	226	C16H34	000544-76-3	93
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87



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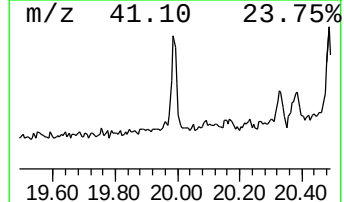
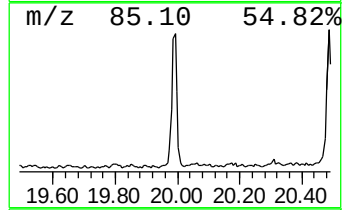
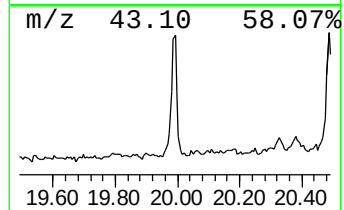
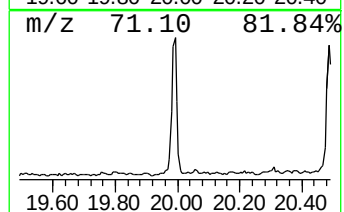
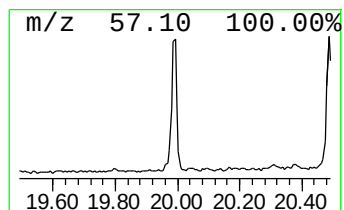
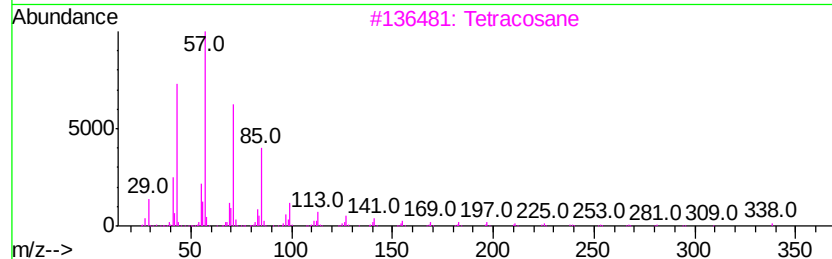
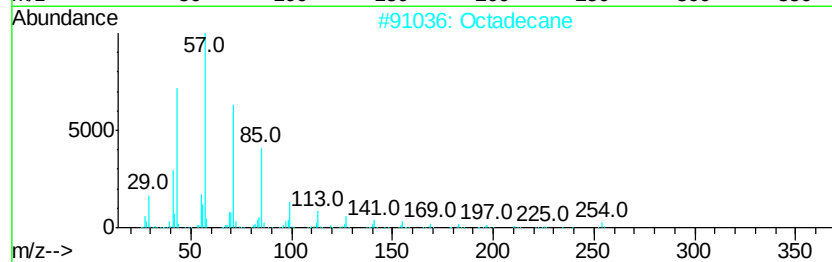
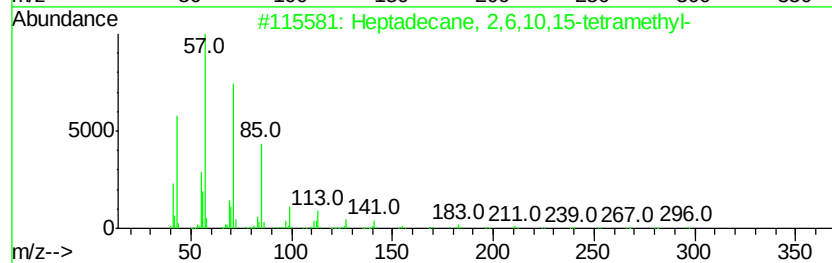
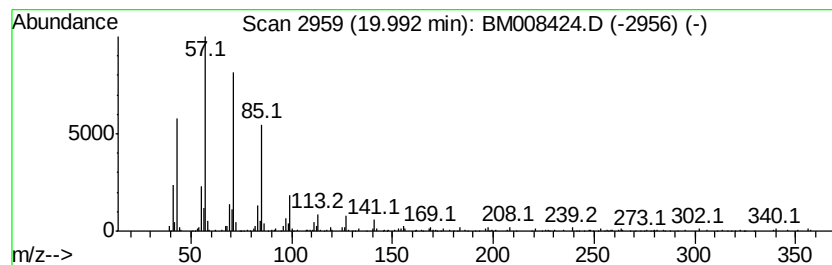
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	3.28 ng/ul	375405	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
2		Octadecane	254	C18H38	000593-45-3	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86



Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008424.D
Acq On : 17 Dec 2016 22:37
Operator : UM/SJ
Sample : H6067-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

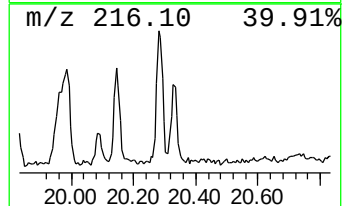
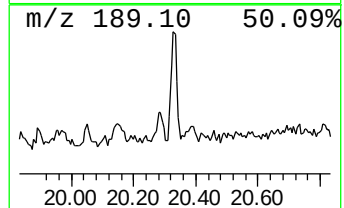
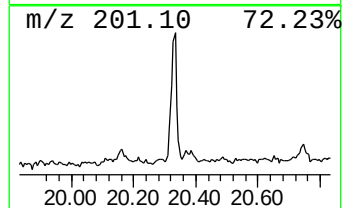
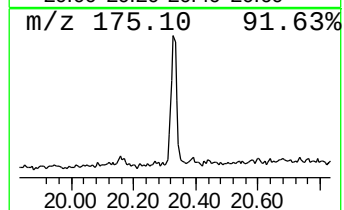
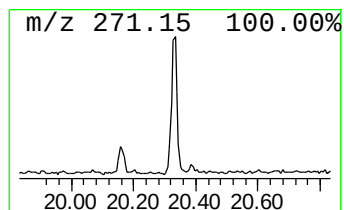
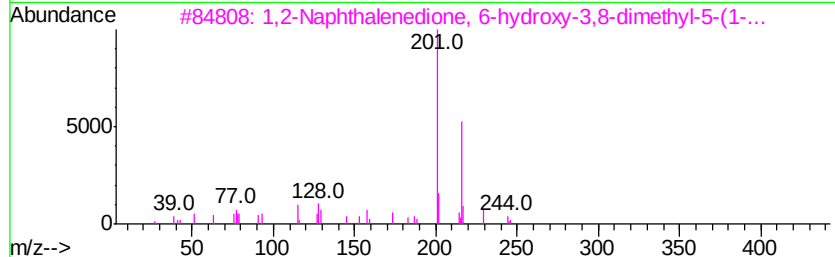
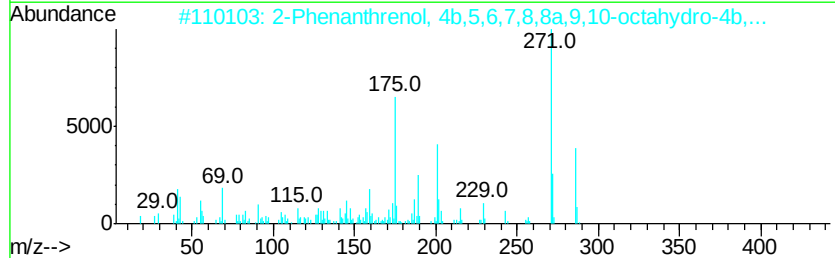
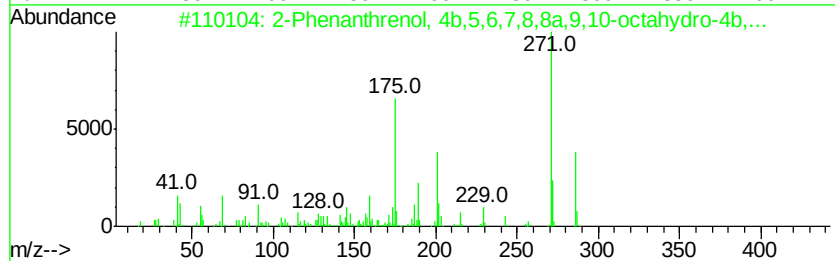
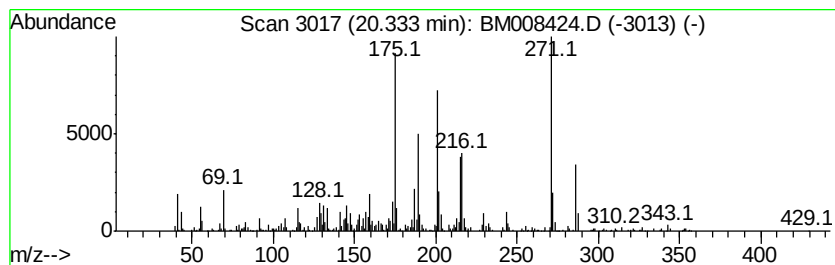
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.33	2.80 ng/ul	320186	Chrysene-d12	21.26		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	90	
2	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	64	
3	1,2-Naphthalenedione, 6-hydroxy-	244	C15H16O3	007715-96-0	56	
4	Crinan-1-one	271	C16H17NO3	098301-98-5	25	
5	4-Hydroxy-6,7-methylenedioxyquin...	233	C11H7NO5	026893-27-6	25	



Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008424.D
Acq On : 17 Dec 2016 22:37
Operator : UM/SJ
Sample : H6067-14
Misc :
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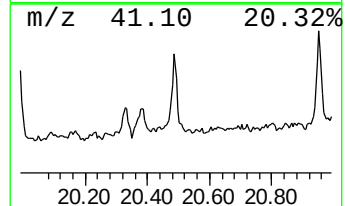
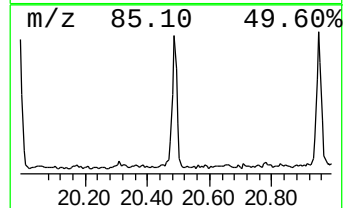
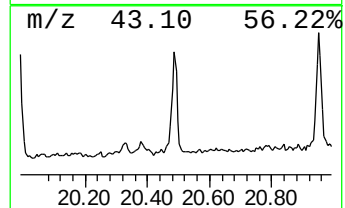
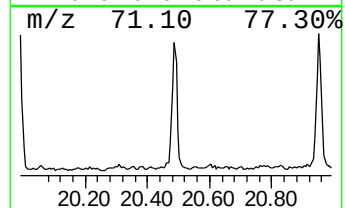
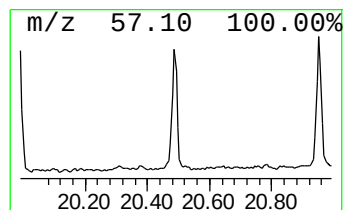
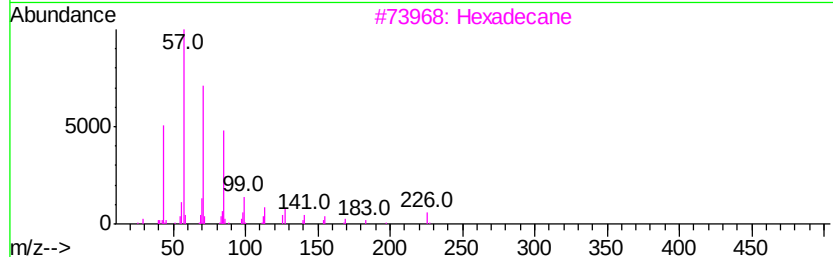
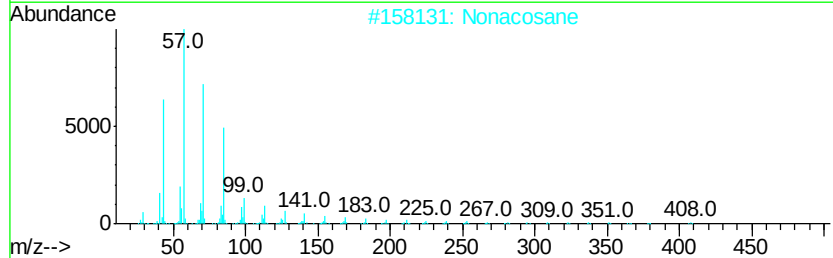
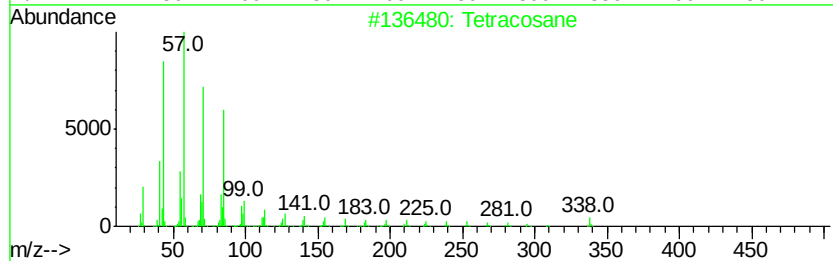
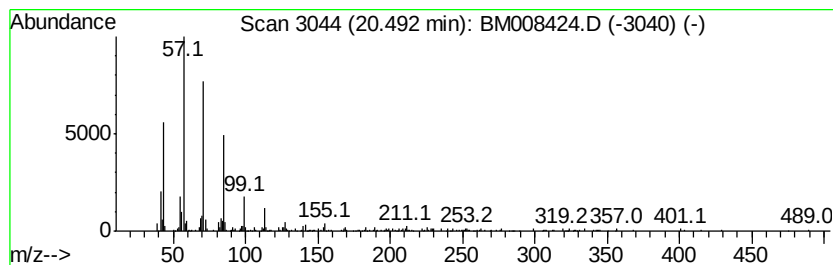
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
20.49	2.69 ng/ul	307934	Chrysene-d12		21.26
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Nonacosane	408	C29H60	000630-03-5	87
3	Hexadecane	226	C16H34	000544-76-3	87
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86



Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008424.D
Acq On : 17 Dec 2016 22:37
Operator : UM/SJ
Sample : H6067-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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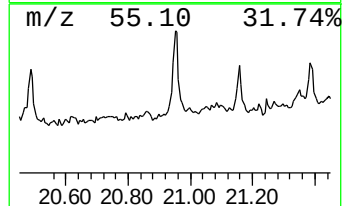
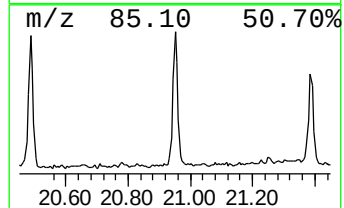
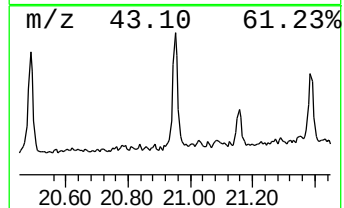
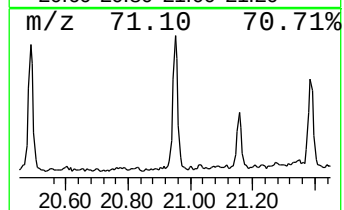
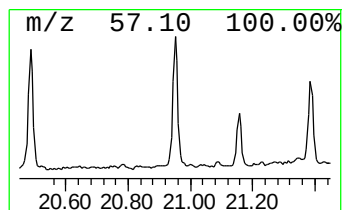
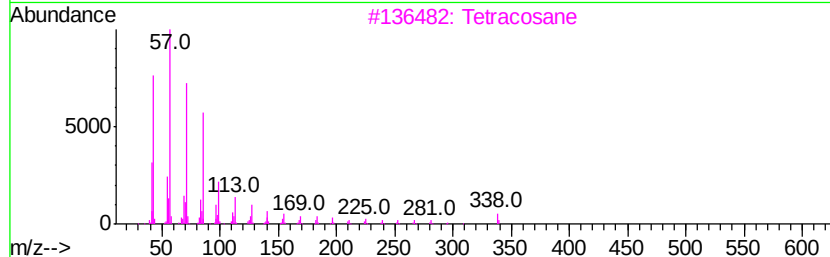
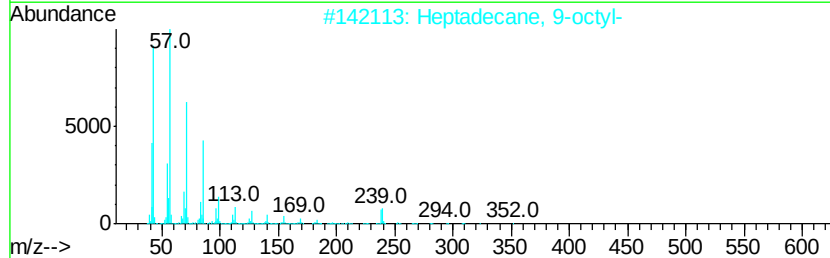
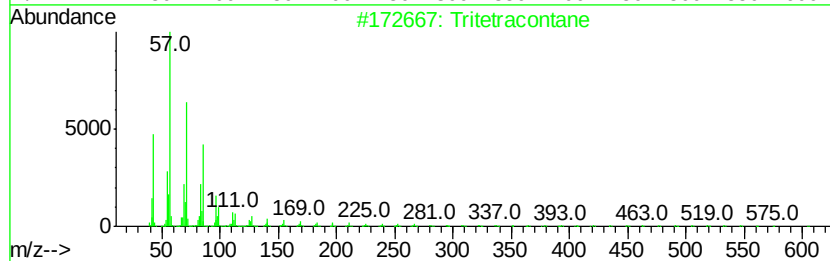
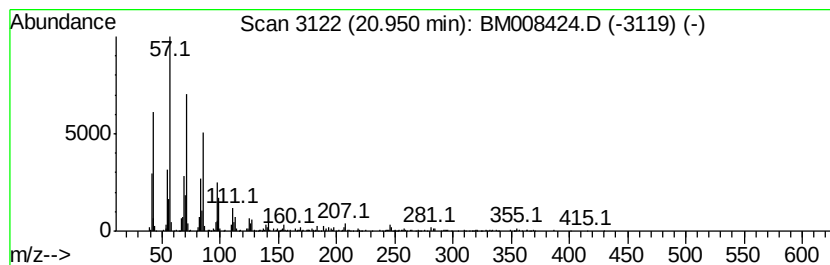
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	3.47 ng/ul	397681	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	87
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	68
3		Tetracosane	338	C24H50	000646-31-1	64
4		Hexadecane	226	C16H34	000544-76-3	62
5		Tetracosane	338	C24H50	000646-31-1	62



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
Data File : BM008424.D
Acq On : 17 Dec 2016 22:37
Operator : UM/SJ
Sample : H6067-14
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	16.03	4.0	ng/ul	347243	4	17.06	1740670	20.0
(DEL) Alkane: Str...	16.80	2.4	ng/ul	207481	4	17.06	1740670	20.0
n-Hexadecanoic acid	17.94	2.9	ng/ul	252859	4	17.06	1740670	20.0
(DEL) Alkane: Str...	18.23	2.0	ng/ul	178685	4	17.06	1740670	20.0
(DEL) Alkane: Str...	18.87	3.0	ng/ul	261329	4	17.06	1740670	20.0
(DEL) Alkane: Str...	19.99	3.3	ng/ul	375405	5	21.26	2290110	20.0
2-Phenanthrenol, ...	20.33	2.8	ng/ul	320186	5	21.26	2290110	20.0
(DEL) Alkane: Str...	20.49	2.7	ng/ul	307934	5	21.26	2290110	20.0
(DEL) Alkane: Str...	20.95	3.5	ng/ul	397681	5	21.26	2290110	20.0