

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
 Data File : BM010638.D
 Acq On : 22 Jun 2017 00:15
 Operator : SJ/JU
 Sample : I3625-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5B07

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-BM062017.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	6.651	633	640	650	rVB	317857	521546	17.30%	1.631%
2	6.816	662	668	674	rBV	232490	338122	11.22%	1.058%
3	6.998	693	699	706	rVB	336724	511820	16.98%	1.601%
4	7.463	772	778	785	rBV	351572	534493	17.73%	1.672%
5	8.169	891	898	906	rBB	469312	705724	23.42%	2.207%
6	8.604	964	972	979	rBV	340143	549003	18.22%	1.717%
7	9.322	1087	1094	1101	rVB	343345	537925	17.85%	1.683%
8	9.851	1177	1184	1193	rVB	523505	820453	27.22%	2.566%
9	10.228	1240	1248	1259	rBB	525538	845554	28.06%	2.645%
10	10.369	1265	1272	1279	rBV	479780	769200	25.52%	2.406%
11	13.539	1804	1811	1815	rBV	1110627	1566970	51.99%	4.901%
12	13.580	1815	1818	1824	rVB	209293	273835	9.09%	0.857%
13	13.804	1849	1856	1863	rBV	1137152	1625284	53.93%	5.084%
14	14.116	1902	1909	1916	rBV2	890621	1309130	43.44%	4.095%
15	14.322	1939	1944	1952	rBV	454610	633843	21.03%	1.983%
16	14.563	1978	1985	1990	rBV2	77797	101841	3.38%	0.319%
17	15.116	2073	2079	2085	rVB	1546500	2111263	70.05%	6.604%
18	15.239	2094	2100	2108	rVB	477333	626296	20.78%	1.959%
19	16.298	2276	2280	2289	rVB2	28057	33888	1.12%	0.106%
20	16.868	2371	2377	2383	rBV	1332776	1752801	58.16%	5.483%
21	16.968	2388	2394	2400	rBV	1860900	2483733	82.41%	7.769%
22	17.792	2529	2534	2542	rBV2	290658	366721	12.17%	1.147%
23	18.939	2725	2729	2732	rBV	76458	96259	3.19%	0.301%
24	19.092	2750	2755	2764	rBV	353647	472972	15.69%	1.479%
25	19.280	2777	2787	2795	rBV	2122739	3013896	100.00%	9.427%
26	20.821	3045	3049	3059	rVB2	194233	240457	7.98%	0.752%
27	21.086	3088	3094	3098	rBV	1695881	2212601	73.41%	6.921%
28	21.692	3193	3197	3202	rVB6	34810	56958	1.89%	0.178%
29	22.133	3268	3272	3275	rBV2	68626	89970	2.99%	0.281%
30	22.609	3346	3353	3359	rVB4	113993	220693	7.32%	0.690%
31	22.780	3371	3382	3383	rBV10	214010	569325	18.89%	1.781%
32	23.092	3428	3435	3441	rBV2	1462771	2630136	87.27%	8.227%
33	23.150	3441	3445	3451	rVB2	172103	279430	9.27%	0.874%
34	23.227	3451	3458	3465	rBV	1008417	1771077	58.76%	5.540%

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35	23.756	3543	3548	3555	rVB2	153353	262034	8.69%	0.820%
36	24.462	3661	3668	3674	rVB3	152004	324778	10.78%	1.016%
37	25.274	3800	3806	3814	rVB3	116773	272098	9.03%	0.851%
38	26.233	3963	3969	3979	rVB4	100792	270503	8.98%	0.846%
39	27.368	4154	4162	4171	rVB7	55139	167091	5.54%	0.523%

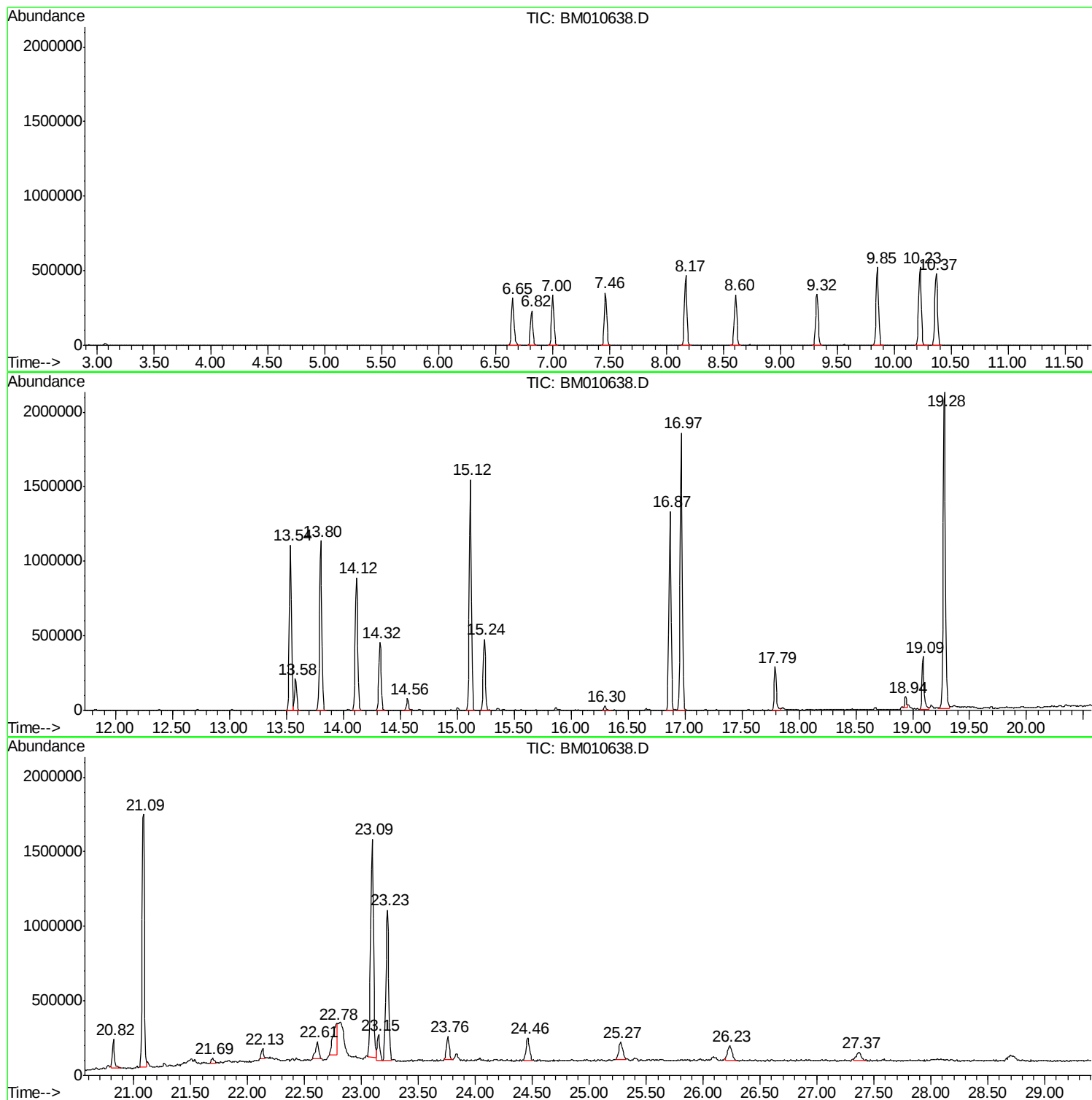
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TIC Library : C:\DATABASE\NIST11.L
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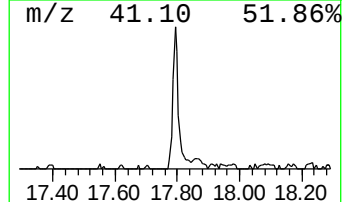
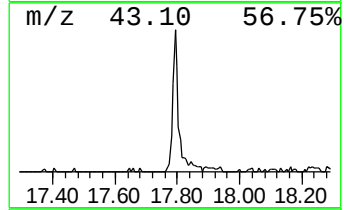
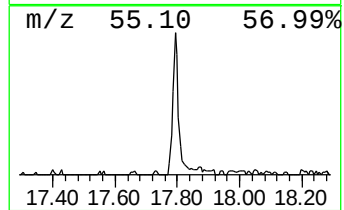
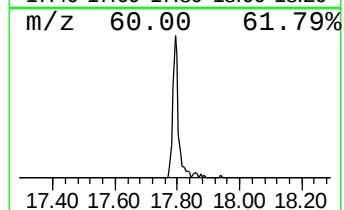
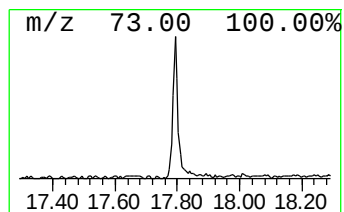
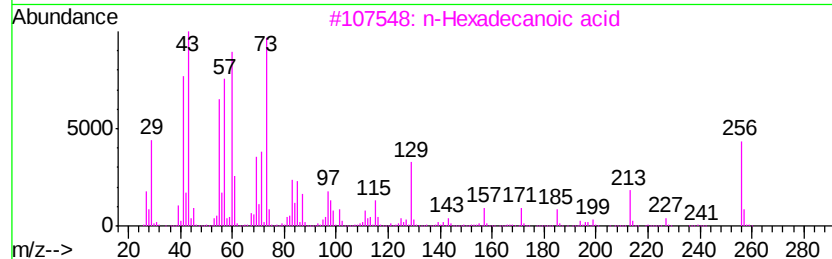
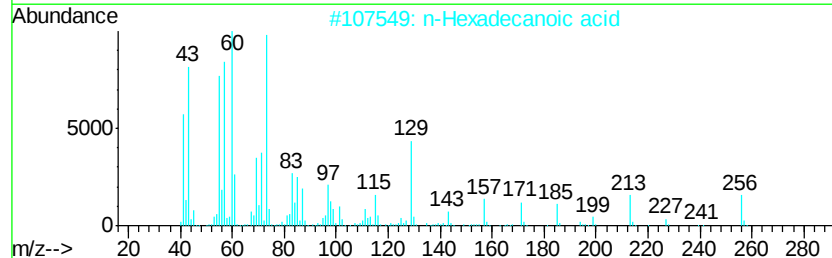
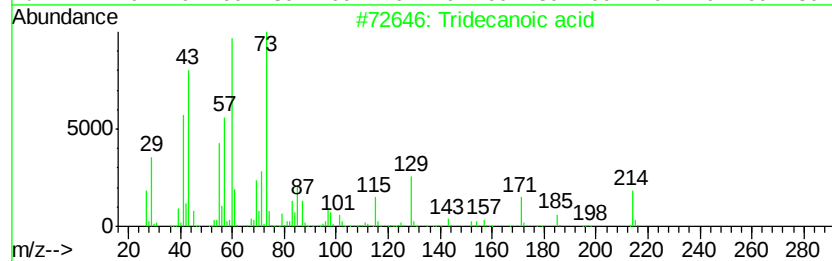
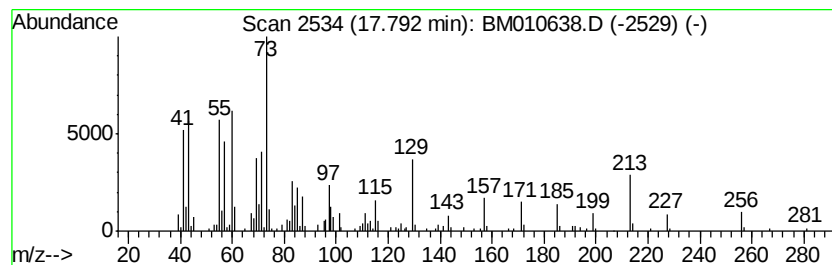
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Peak Number 1 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	4.18 ng/ul	366721	Phenanthrene-d10	16.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	78
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	60
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	52



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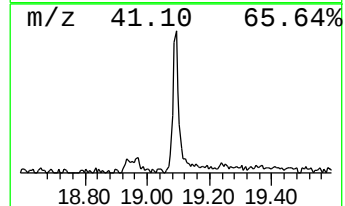
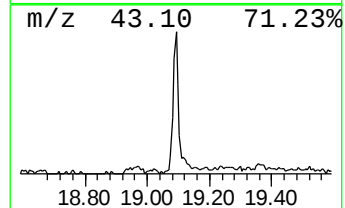
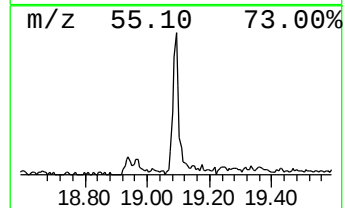
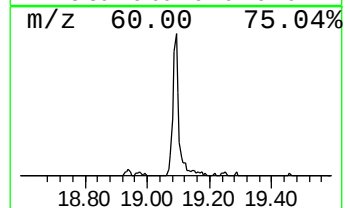
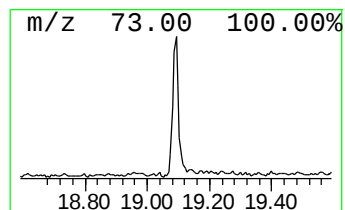
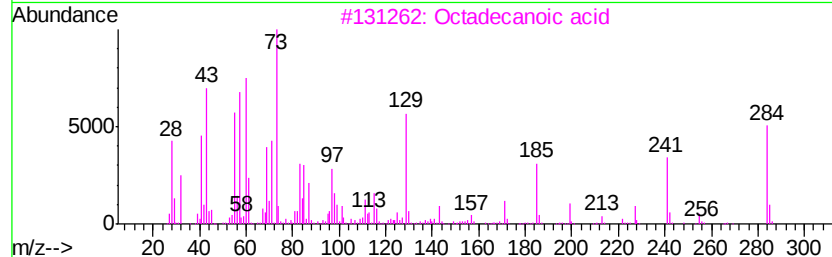
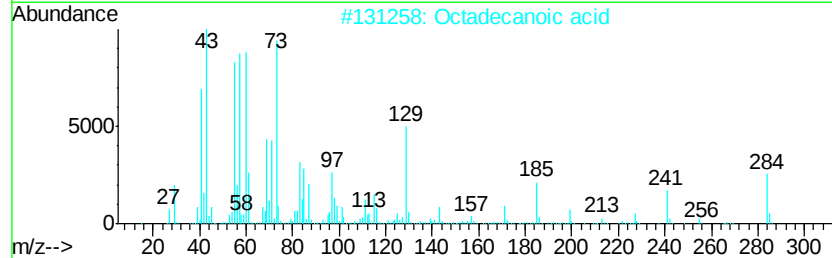
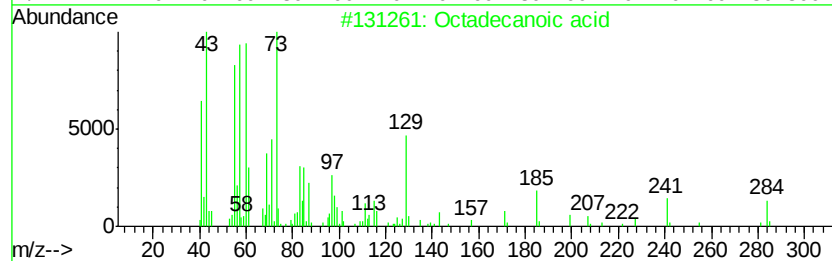
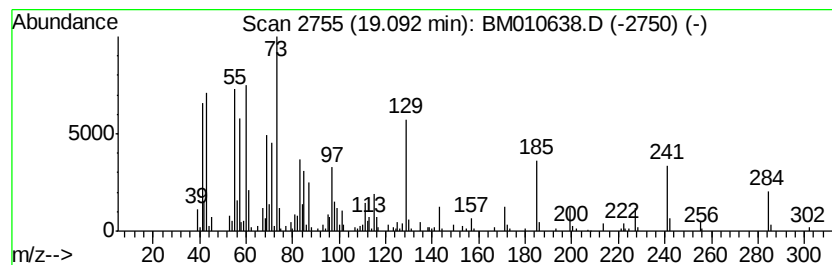
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	4.28 ng/ul	472972	Chrysene-d12	21.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	96
4		Octadecanoic acid	284	C18H36O2	000057-11-4	93
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	89



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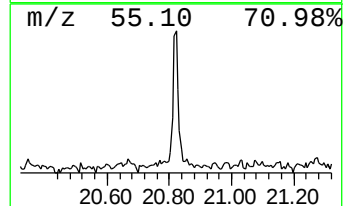
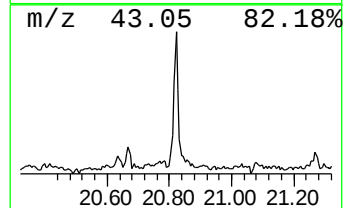
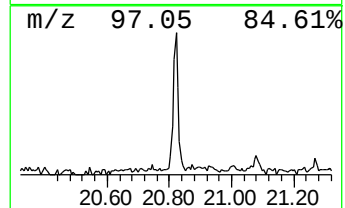
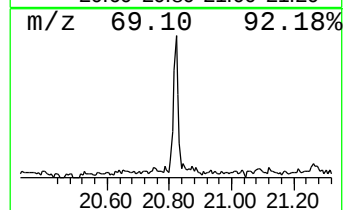
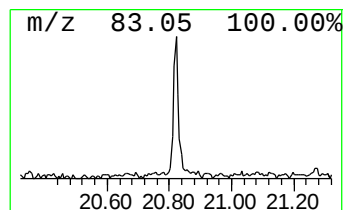
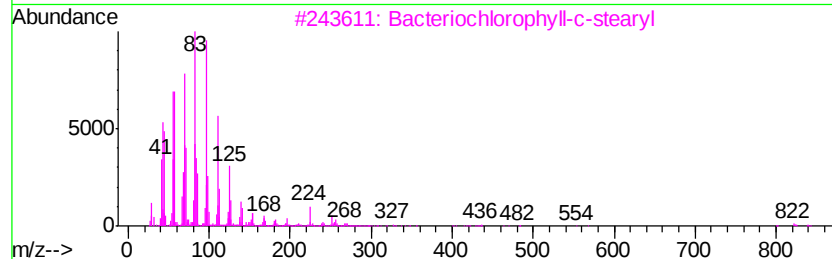
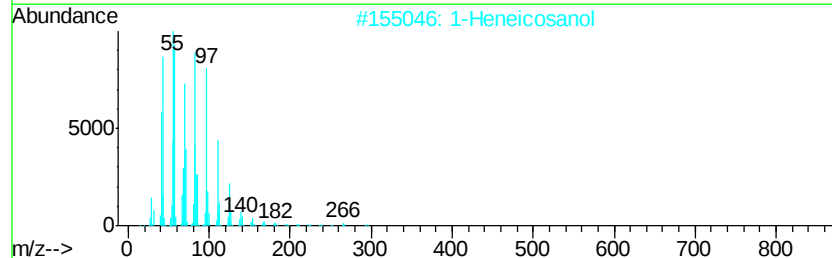
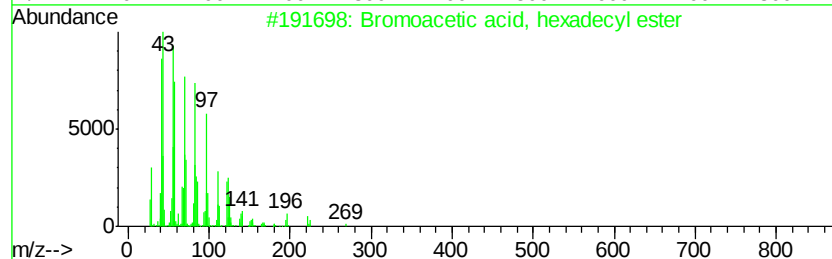
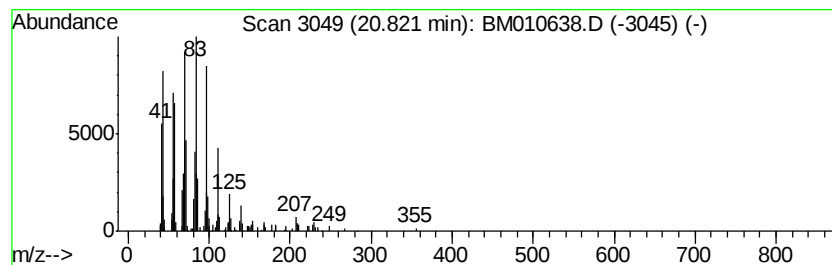
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Peak Number 3 Bromoacetic acid, hexadecyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	2.17 ng/ul	240457	Chrysene-d12	21.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
2		1-Heneicosanol	312	C21H44O	015594-90-8	91
3		Bacteriochlorophyll-c-stearyl	841	C52H72MgN4O4	1000164-49-7	90
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5		Isoheptadecanol	256	C17H36O	057289-07-3	87



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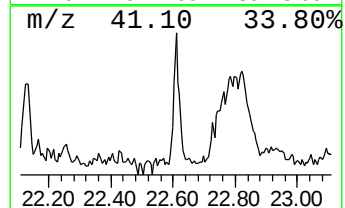
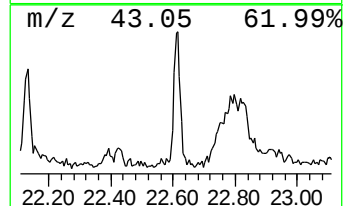
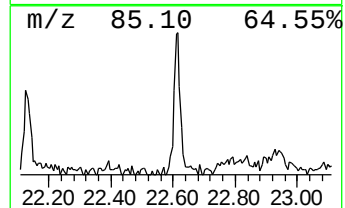
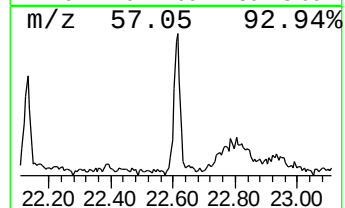
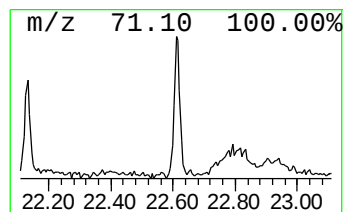
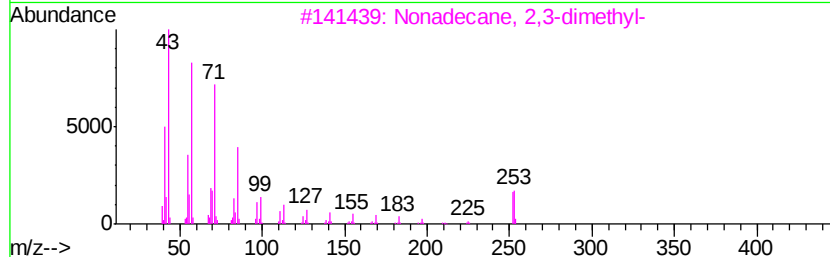
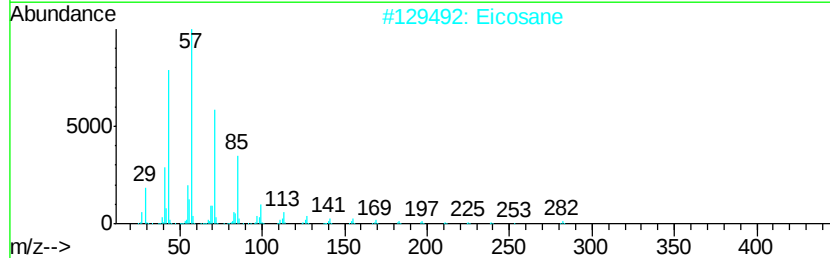
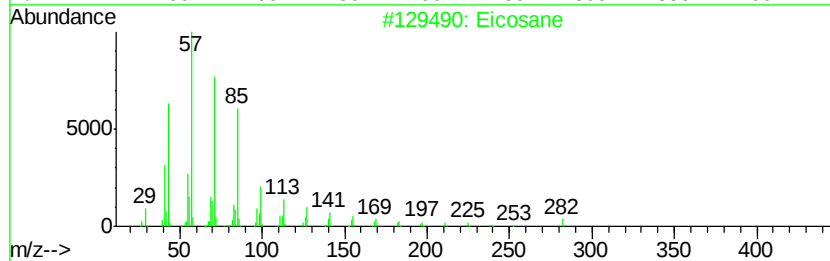
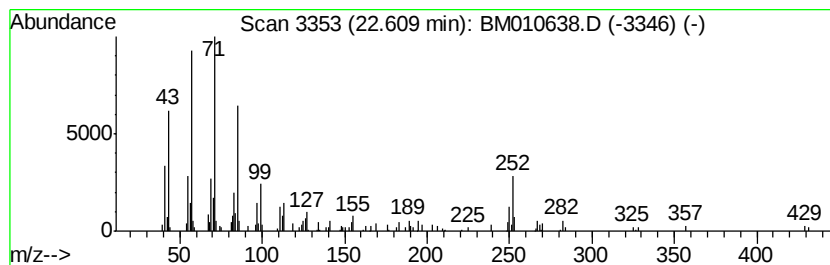
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	2.49 ng/ul	220693	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Eicosane	282	C20H42	000112-95-8	90
3		Nonadecane, 2,3-dimethyl-	296	C21H44	075163-99-4	83
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	68
5		Tetracosane	338	C24H50	000646-31-1	68



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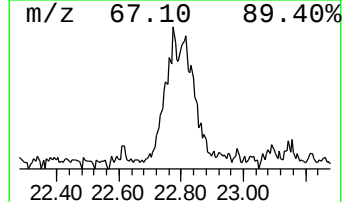
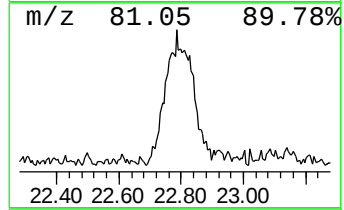
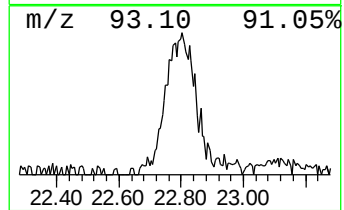
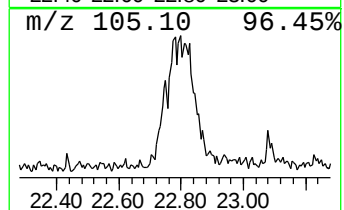
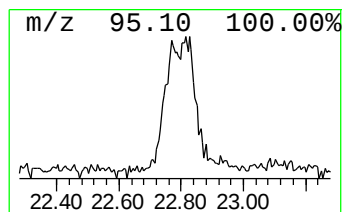
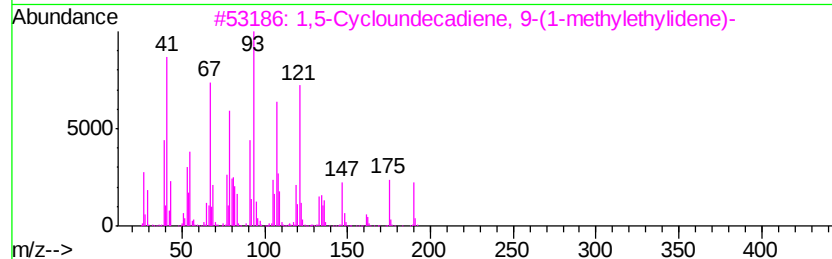
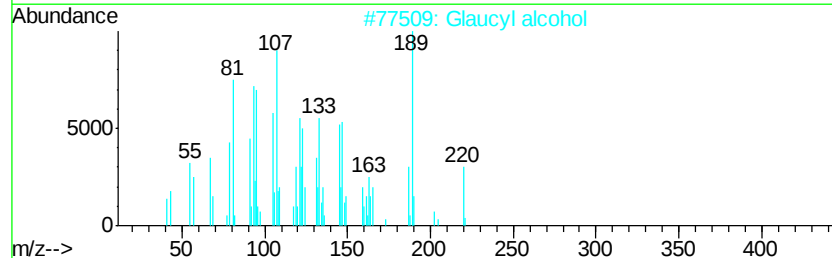
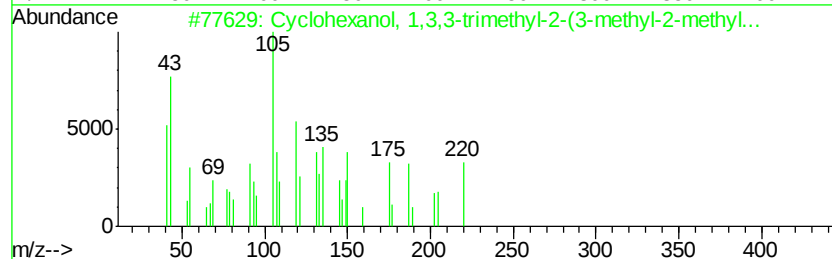
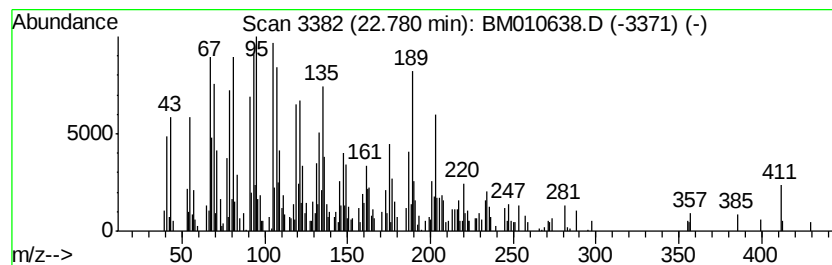
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Peak Number 5 Cyclohexanol, 1,3,3-trimeth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.78	6.43 ng/ul	569325	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 1,3,3-trimethyl-2-...	220	C15H24O	069296-92-0	51
2		Glaucyl alcohol	220	C15H24O	087745-32-2	45
3		1,5-Cycloundecadiene, 9-(1-methyl-...	190	C14H22	062338-55-0	44
4		Spiro[5.5]undec-2-ene, 3,7,7-tri...	204	C15H24	018431-82-8	38
5		.gamma.-Neoclovene	204	C15H24	1000156-11-7	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010638.D
Acq On : 22 Jun 2017 00:15
Operator : SJ/JU
Sample : I3625-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B07

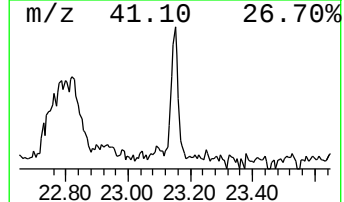
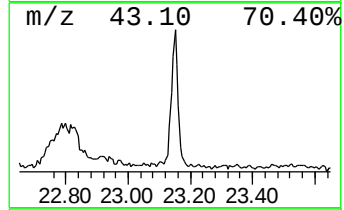
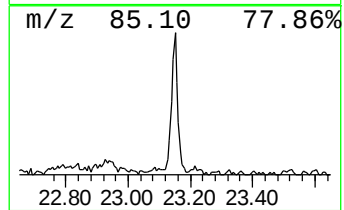
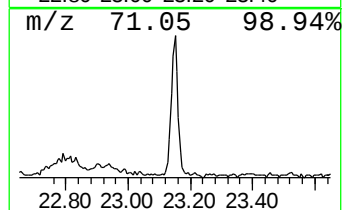
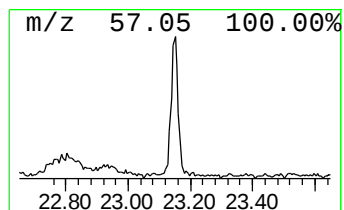
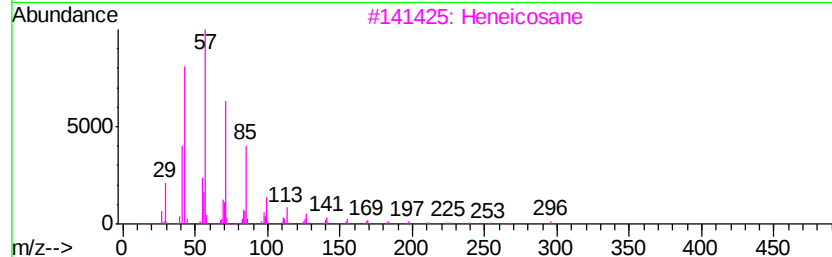
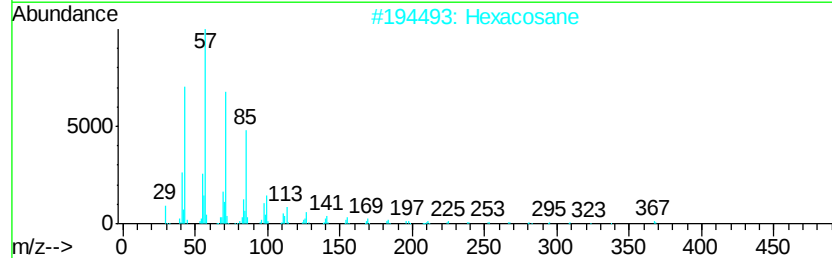
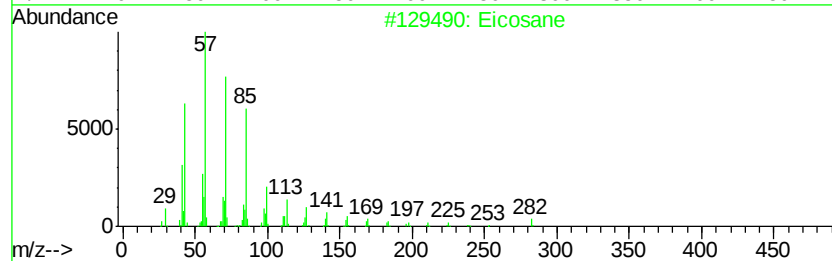
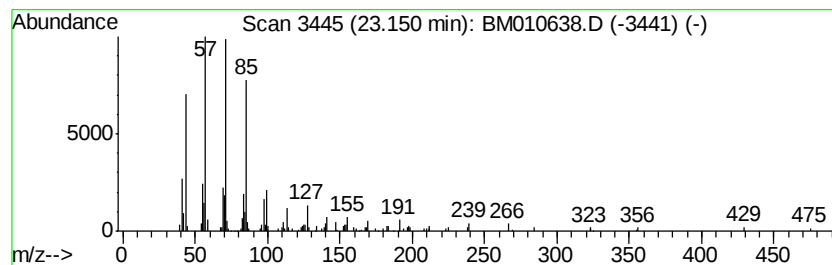
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.15	3.16 ng/ul	279430	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010638.D
Acq On : 22 Jun 2017 00:15
Operator : SJ/JU
Sample : I3625-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B07

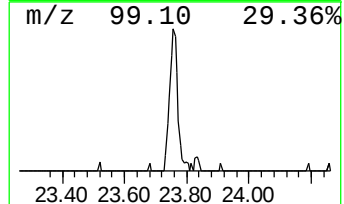
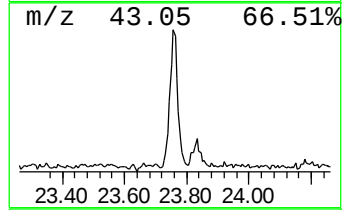
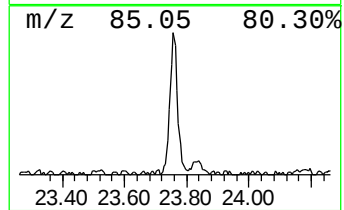
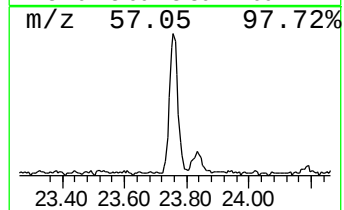
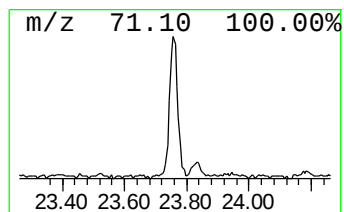
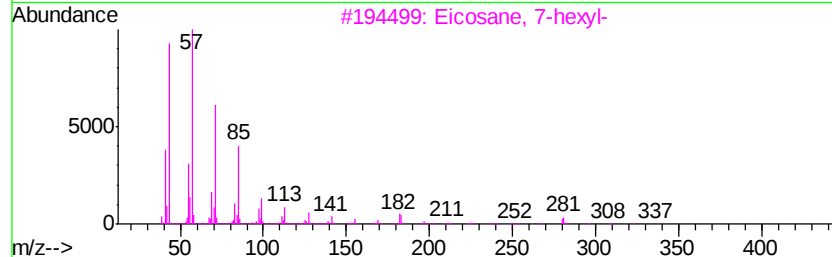
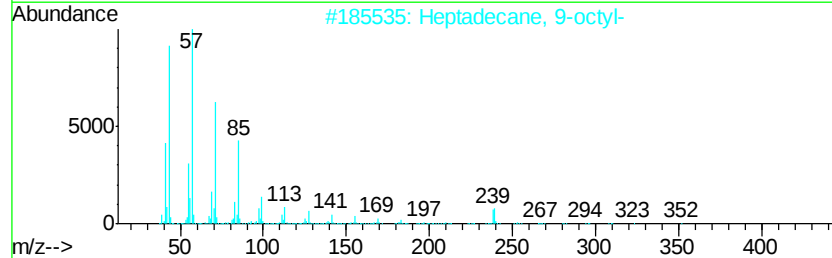
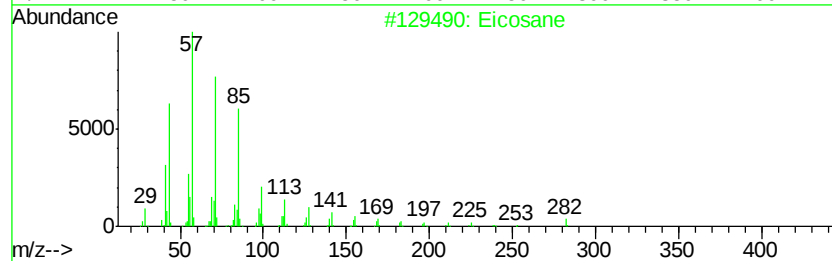
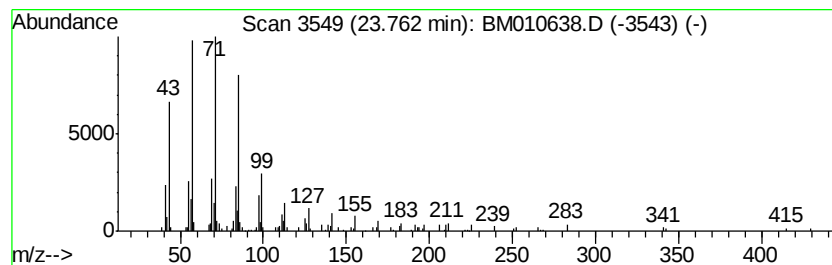
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	2.96 ng/ul	262034	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4		Hexacosane	366	C26H54	000630-01-3	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010638.D
Acq On : 22 Jun 2017 00:15
Operator : SJ/JU
Sample : I3625-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B07

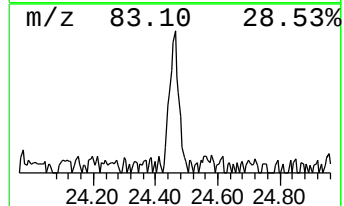
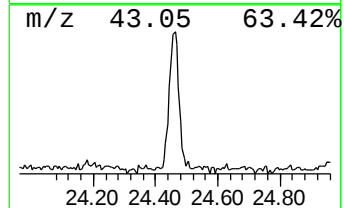
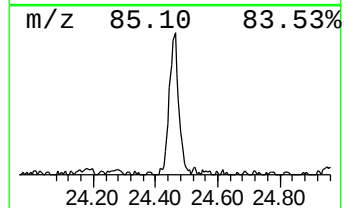
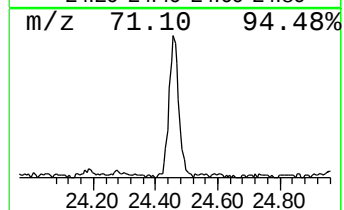
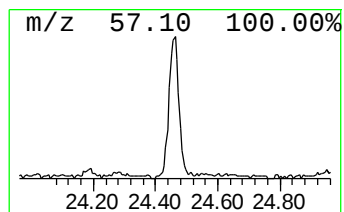
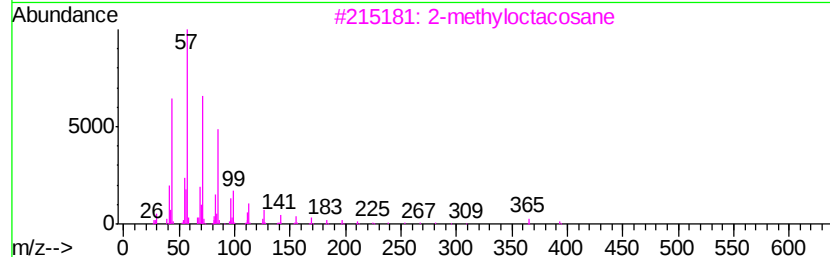
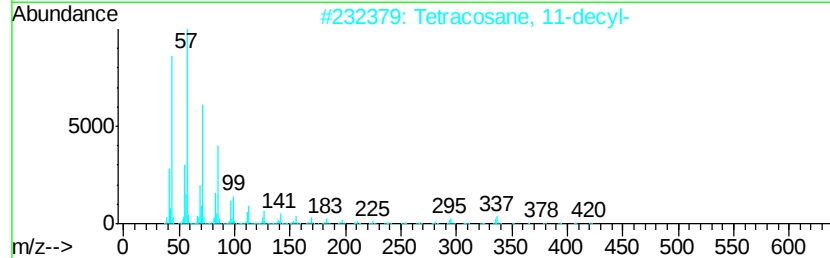
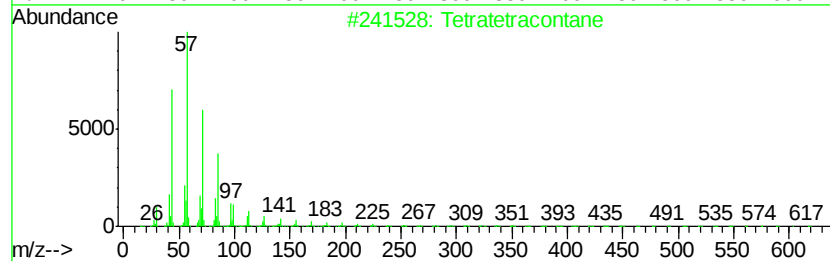
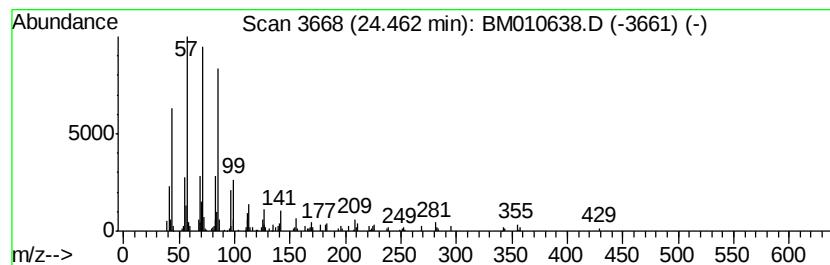
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.46	3.67 ng/ul	324778	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Docosane, 11-decyl-	451	C32H66	055401-55-3	91
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010638.D
Acq On : 22 Jun 2017 00:15
Operator : SJ/JU
Sample : I3625-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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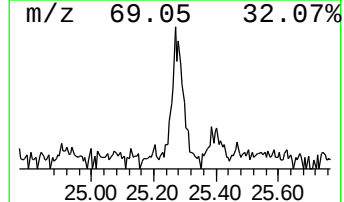
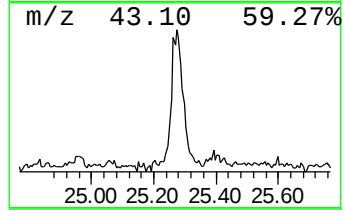
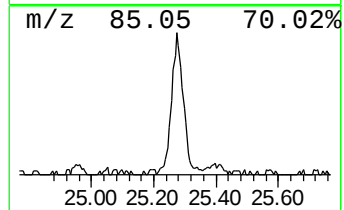
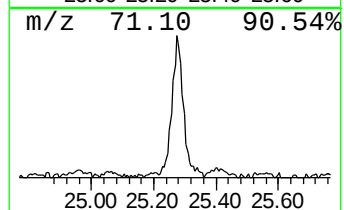
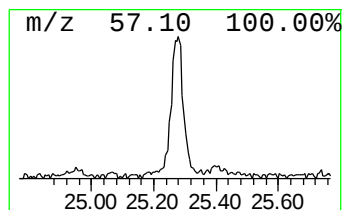
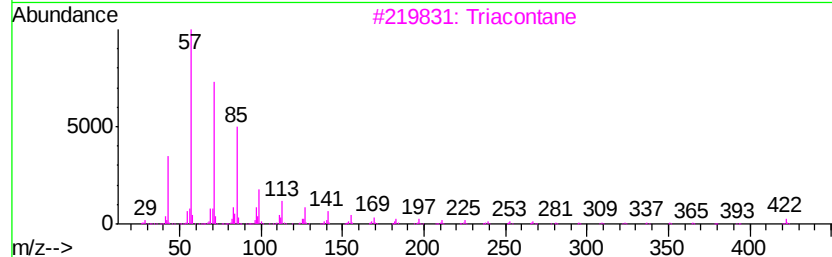
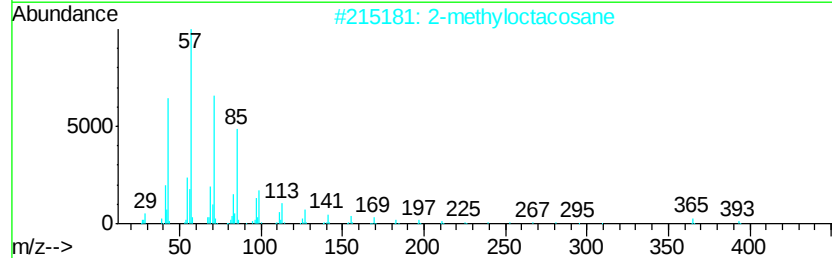
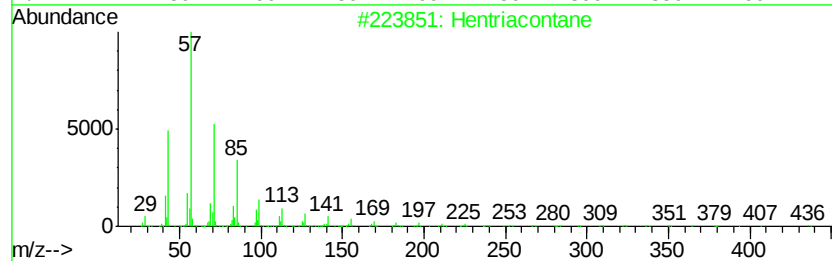
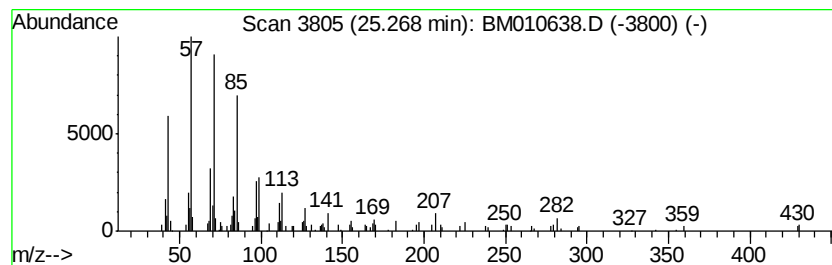
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.27	3.07 ng/ul	272098	Perylene-d12	23.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	91
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Triacontane	422	C30H62	000638-68-6	91
4			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010638.D
Acq On : 22 Jun 2017 00:15
Operator : SJ/JU
Sample : I3625-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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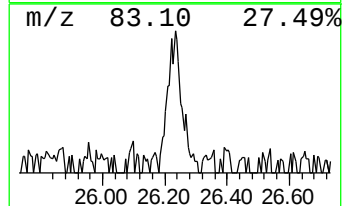
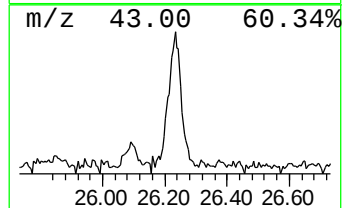
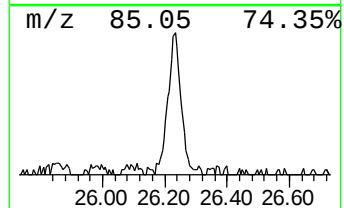
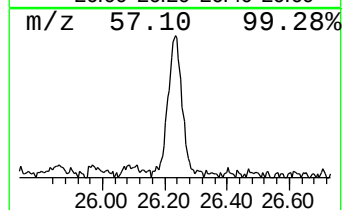
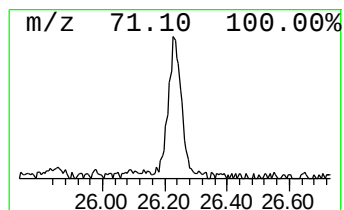
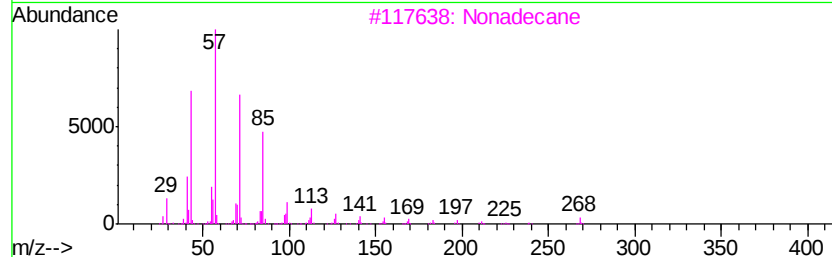
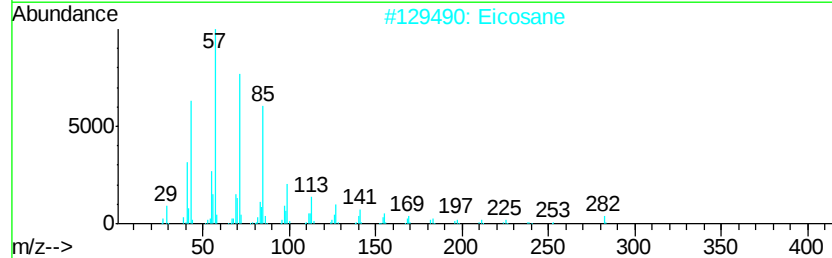
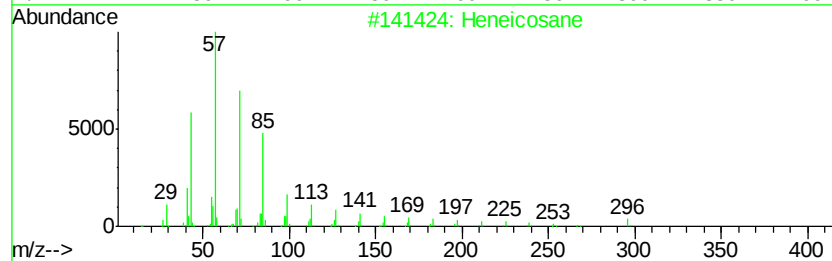
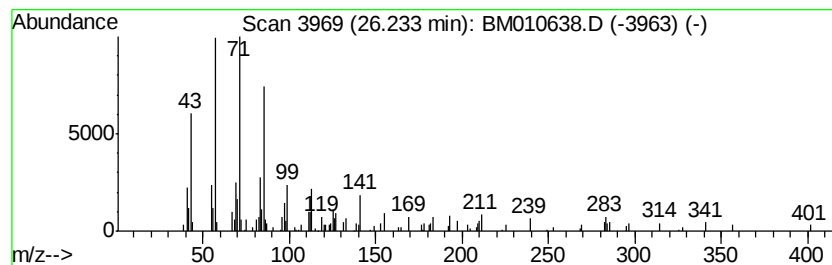
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.23	3.05 ng/ul	270503	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	92
2		Eicosane	282	C20H42	000112-95-8	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Eicosane	282	C20H42	000112-95-8	90
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010638.D
Acq On : 22 Jun 2017 00:15
Operator : SJ/JU
Sample : I3625-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.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
Tridecanoic acid	17.79	4.2	ng/ul	366721	4	16.87	1752800	20.0
Octadecanoic acid	19.09	4.3	ng/ul	472972	5	21.09	2212600	20.0
Bromoacetic acid,...	20.82	2.2	ng/ul	240457	5	21.09	2212600	20.0
(DEL) Alkane: Str...	22.61	2.5	ng/ul	220693	6	23.23	1771080	20.0
Cyclohexanol, 1,3...	22.78	6.4	ng/ul	569325	6	23.23	1771080	20.0
(DEL) Alkane: Str...	23.15	3.2	ng/ul	279430	6	23.23	1771080	20.0
(DEL) Alkane: Str...	23.76	3.0	ng/ul	262034	6	23.23	1771080	20.0
(DEL) Alkane: Str...	24.46	3.7	ng/ul	324778	6	23.23	1771080	20.0
(DEL) Alkane: Str...	25.27	3.1	ng/ul	272098	6	23.23	1771080	20.0
(DEL) Alkane: Str...	26.23	3.0	ng/ul	270503	6	23.23	1771080	20.0