

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121518\
 Data File : BM018218.D
 Acq On : 15 Dec 2018 23:50
 Operator : JU/SJ
 Sample : J6347-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SW004-01

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.134	376	382	390	rBV	105750	174548	7.15%	0.640%
2	6.698	643	648	650	rBV	76162	113040	4.63%	0.415%
3	7.040	699	706	720	rBV	193154	331754	13.60%	1.217%
4	7.498	777	784	794	rBV	527526	863107	35.37%	3.166%
5	7.810	830	837	847	rBV	207155	360298	14.77%	1.322%
6	8.669	976	983	994	rBV	129559	269750	11.06%	0.989%
7	8.810	1002	1007	1013	rBV5	10986	26415	1.08%	0.097%
8	9.039	1039	1046	1051	rBV2	32094	46920	1.92%	0.172%
9	10.269	1247	1255	1268	rBV	701855	1285583	52.69%	4.716%
10	11.522	1461	1468	1473	rBV	47018	70909	2.91%	0.260%
11	12.769	1673	1680	1694	rBV	422516	730885	29.95%	2.681%
12	13.563	1809	1815	1823	rVB2	31149	43610	1.79%	0.160%
13	13.639	1823	1828	1837	rBV2	44951	82989	3.40%	0.304%
14	14.157	1910	1916	1931	rBV2	1053111	1702002	69.75%	6.243%
15	14.404	1950	1958	1964	rBV3	19268	33521	1.37%	0.123%
16	15.668	2167	2173	2183	rBV	282247	460672	18.88%	1.690%
17	16.921	2379	2386	2393	rBV	1323273	2004742	82.16%	7.353%
18	17.221	2433	2437	2443	rVB	33673	41298	1.69%	0.151%
19	17.839	2535	2542	2551	rBV	948185	1257398	51.53%	4.612%
20	18.862	2709	2716	2721	rBV6	14173	26091	1.07%	0.096%
21	18.980	2730	2736	2738	rBV2	48966	72099	2.95%	0.264%
22	19.004	2738	2740	2746	rVB6	30637	46466	1.90%	0.170%
23	19.127	2756	2761	2773	rBV	546816	838895	34.38%	3.077%
24	19.568	2831	2836	2848	rBV	984259	1296406	53.13%	4.755%
25	19.868	2883	2887	2889	rBV4	26475	39062	1.60%	0.143%
26	19.921	2894	2896	2906	rVB8	18188	29608	1.21%	0.109%
27	20.392	2972	2976	2981	rVB3	92664	110535	4.53%	0.405%
28	20.562	3002	3005	3009	rBV3	23155	28914	1.19%	0.106%
29	20.856	3051	3055	3064	rBV	993743	1307330	53.58%	4.795%
30	21.062	3085	3090	3096	rBV	606090	680702	27.90%	2.497%
31	21.139	3097	3103	3113	rBV	1765658	2439972	100.00%	8.950%
32	21.297	3126	3130	3136	rBV	525221	580114	23.78%	2.128%
33	21.721	3198	3202	3210	rVB	891544	1046591	42.89%	3.839%
34	22.162	3272	3277	3282	rBV	1163212	1446350	59.28%	5.305%

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Integration Parameters: rteint.p
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Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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 >
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35	22.644	3354	3359	3365	rBV	1106170	1582282	64.85%	5.804%
36	23.186	3445	3451	3458	rVB	1000528	1554875	63.73%	5.703%
37	23.297	3463	3470	3482	rVB	1092658	2054716	84.21%	7.537%
38	23.786	3547	3553	3560	rVB	668788	1210455	49.61%	4.440%
39	23.880	3566	3569	3577	rVB5	147186	294787	12.08%	1.081%
40	24.486	3667	3672	3679	rVB2	344747	676745	27.74%	2.482%

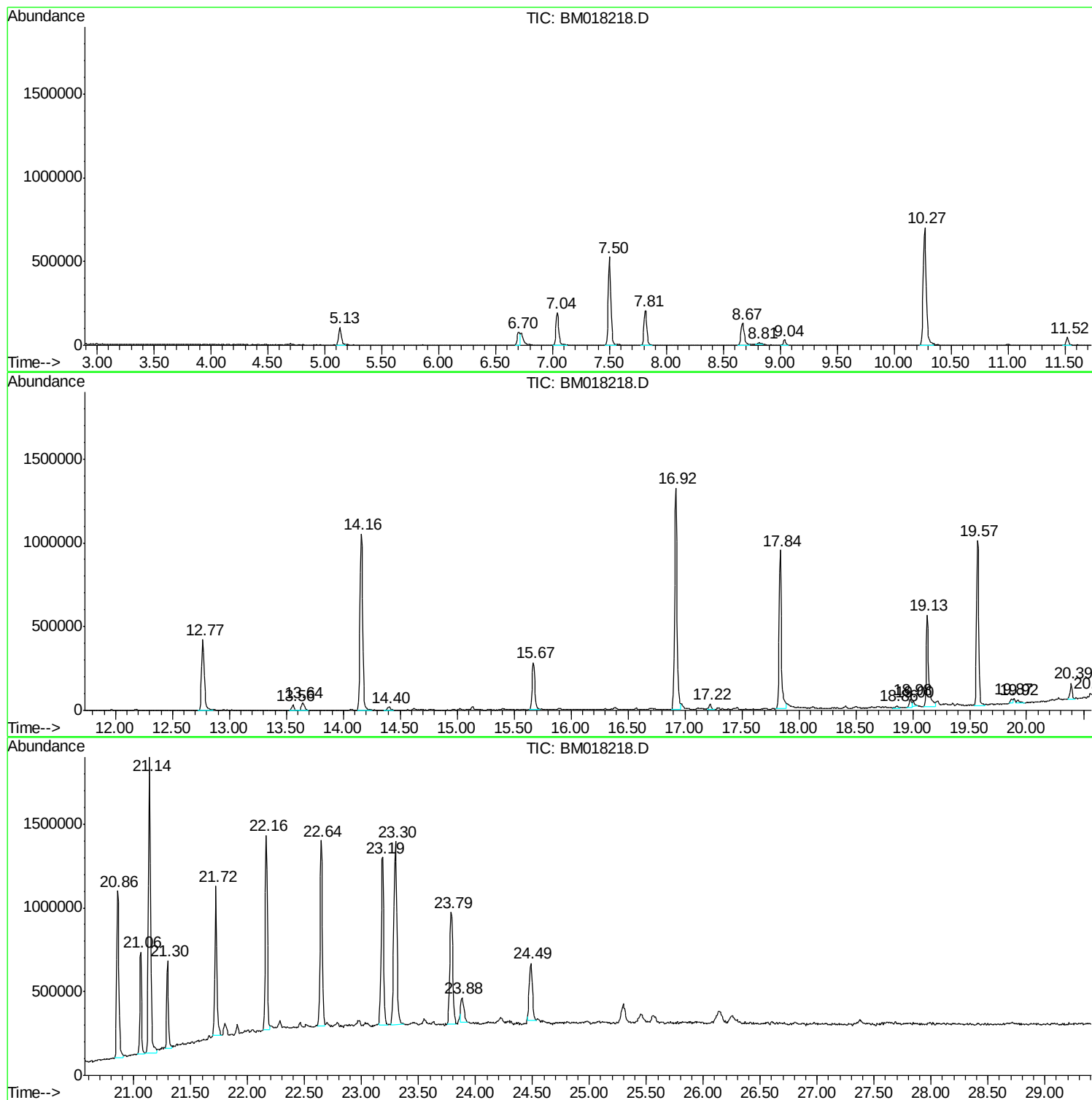
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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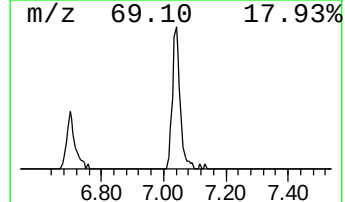
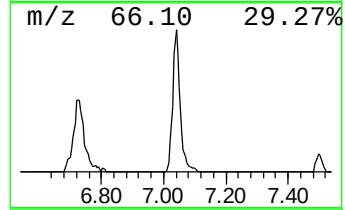
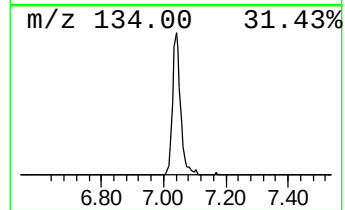
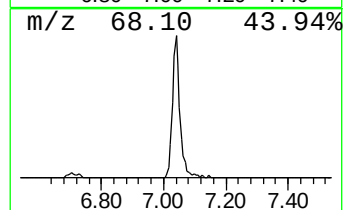
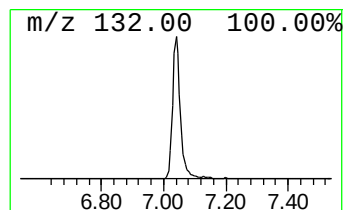
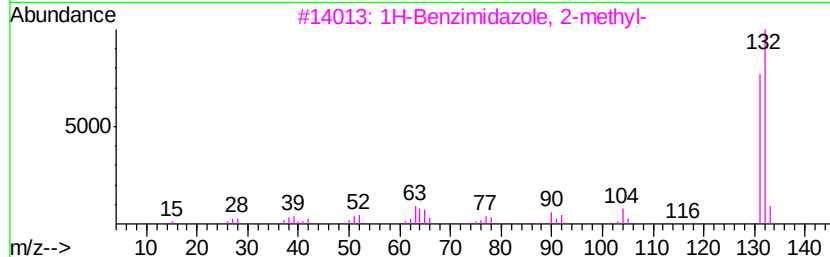
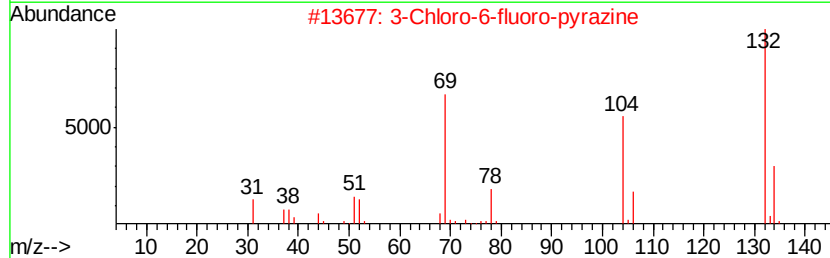
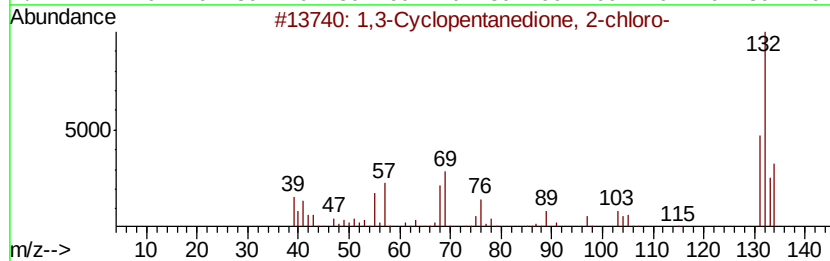
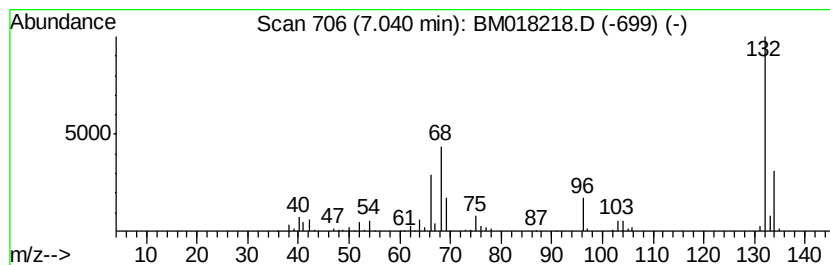
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	7.69 ng	331754	1,4-Dichlorobenzene-d4	7.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
2			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	12
5			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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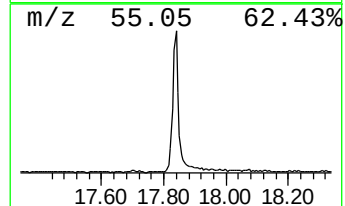
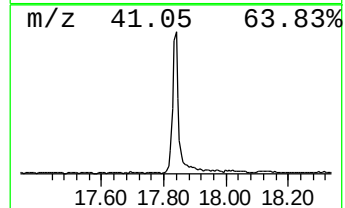
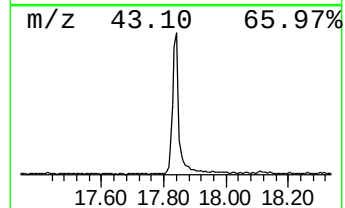
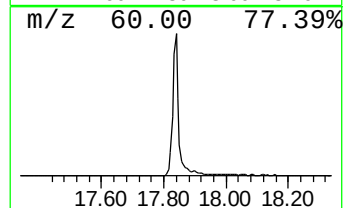
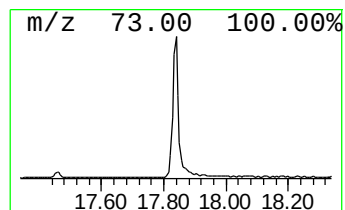
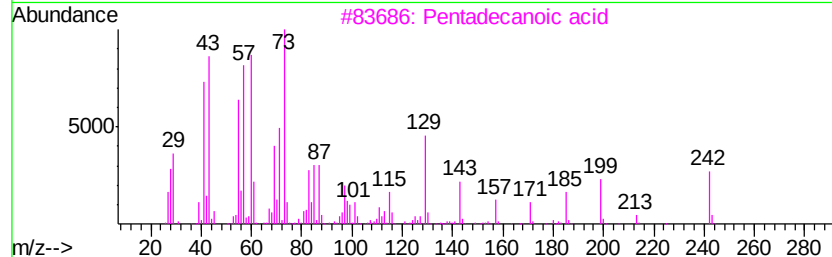
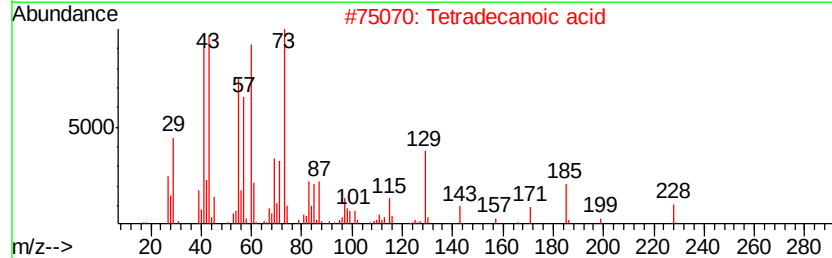
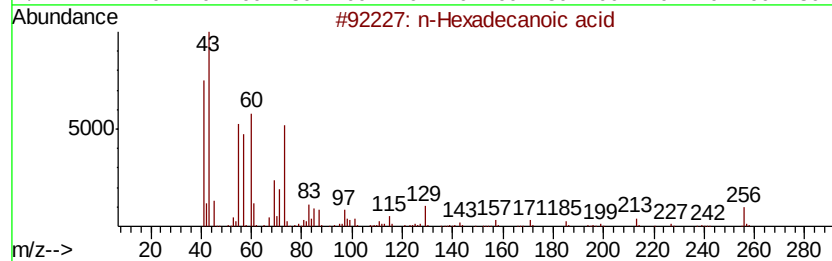
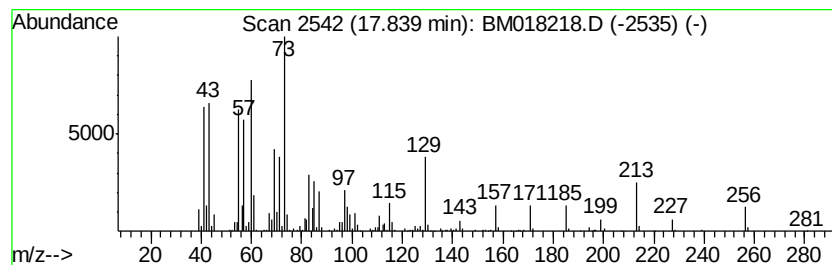
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.84	12.54 ng	1257400	Phenanthrene-d10		16.92	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4		n-Decanoic acid	172	C10H20O2	000334-48-5	70
5		Tridecanoic acid	214	C13H26O2	000638-53-9	70



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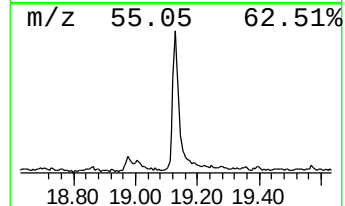
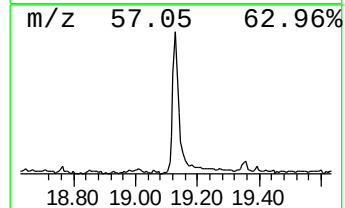
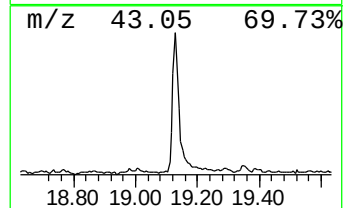
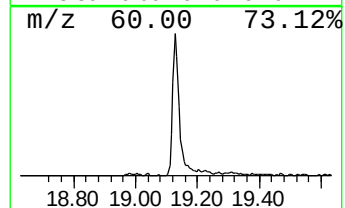
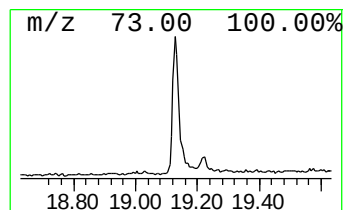
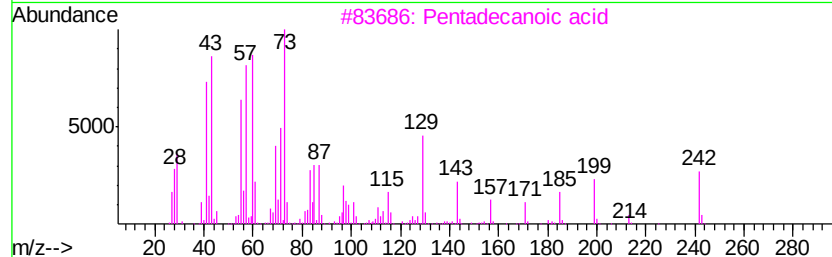
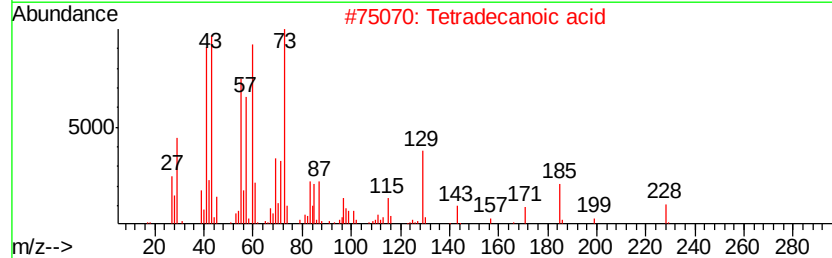
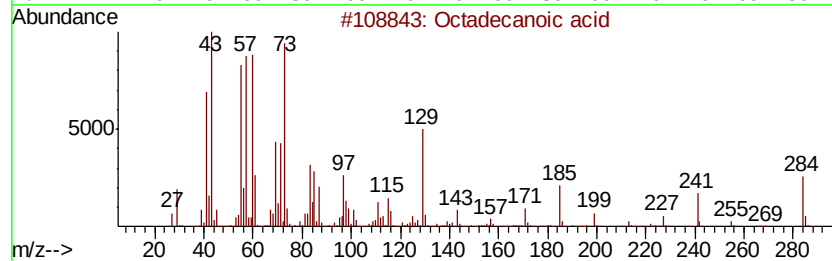
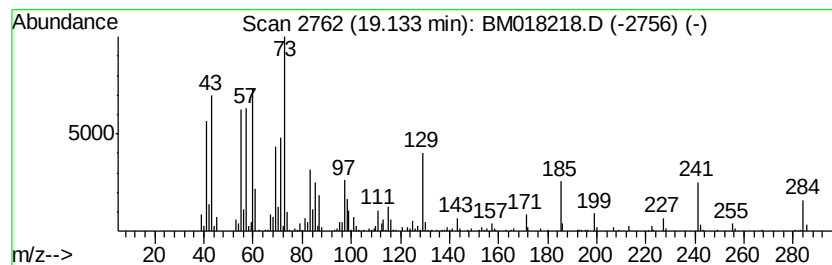
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.13	6.88 ng	838895	Chrysene-d12		21.14	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	97
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		Dodecanoic acid	200	C12H24O2	000143-07-7	72



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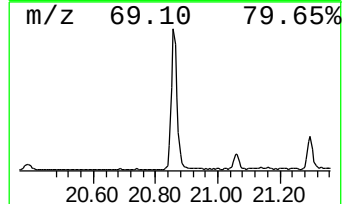
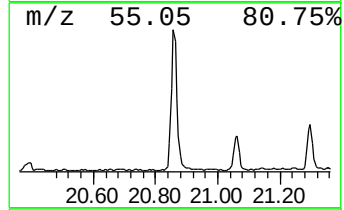
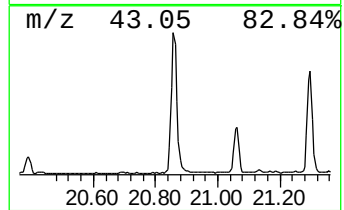
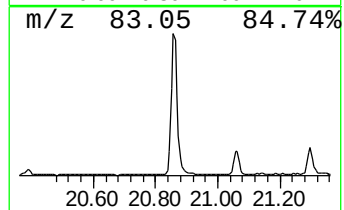
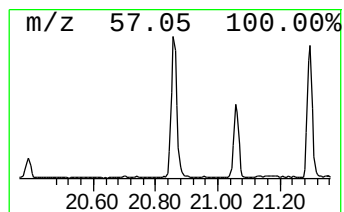
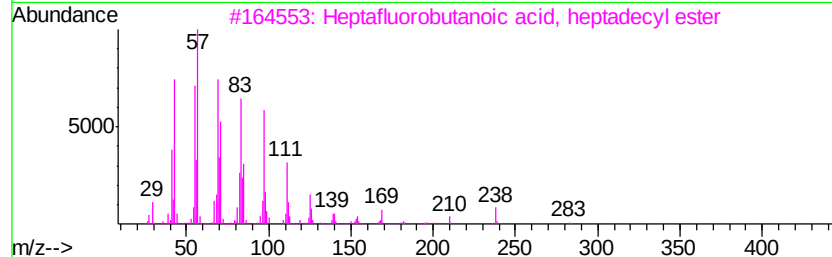
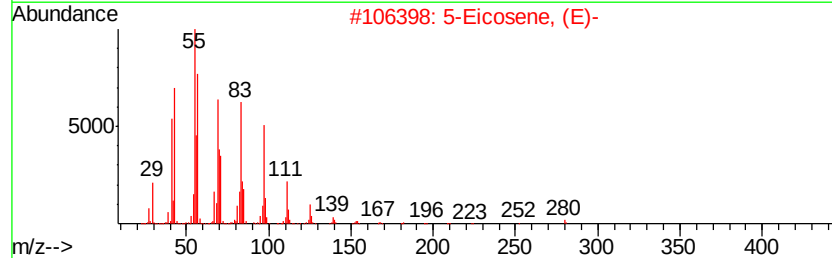
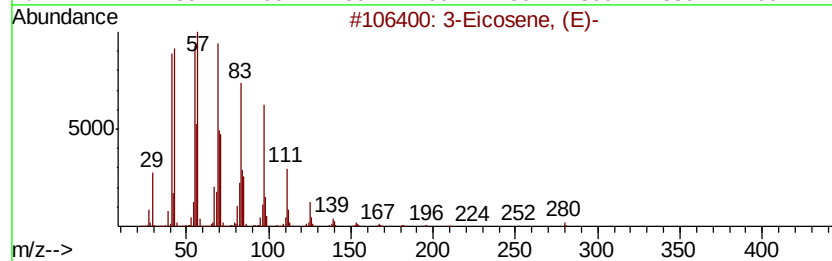
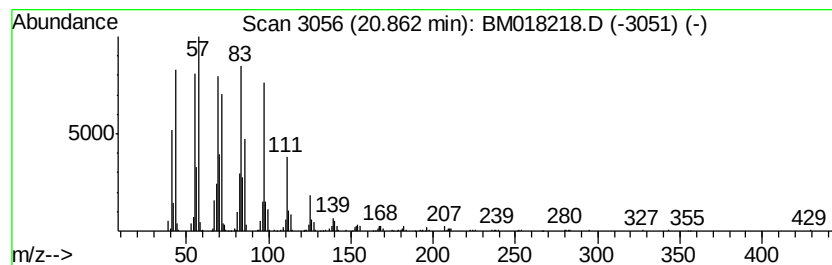
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Peak Number 5 3-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	10.72 ng	1307330	Chrysene-d12	21.14
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		3-Eicosene, (E)-	280 C20H40	074685-33-9 96
2		5-Eicosene, (E)-	280 C20H40	074685-30-6 95
3		Heptafluorobutanoic acid, heptad...	452 C21H35F7O2	1000282-97-3 94
4		Heptafluorobutyric acid, n-octad...	466 C22H37F7O2	000400-57-7 91
5		Trifluoroacetic acid, n-octadecy...	366 C20H37F3O2	079392-43-1 87



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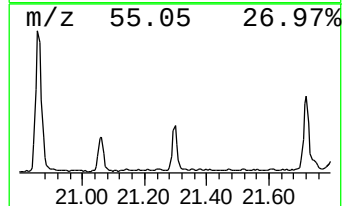
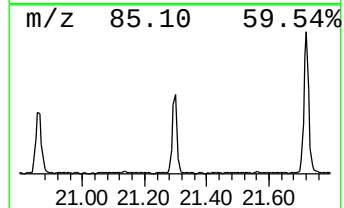
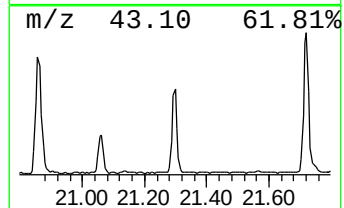
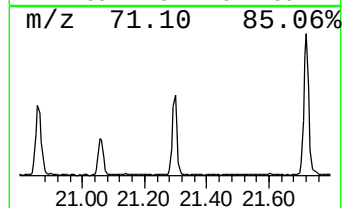
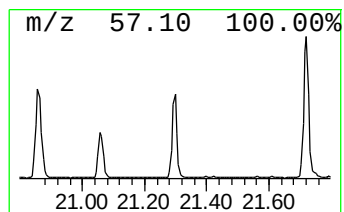
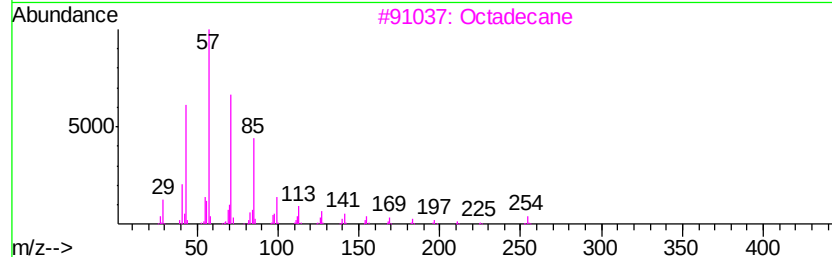
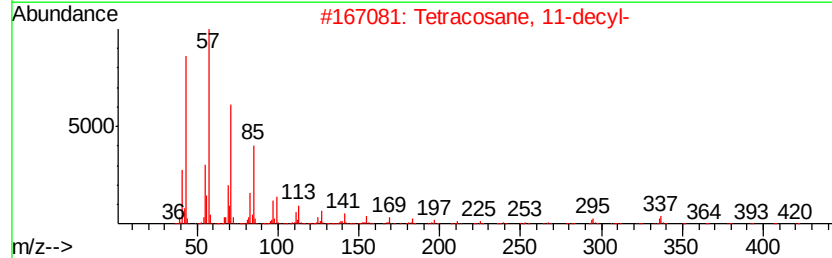
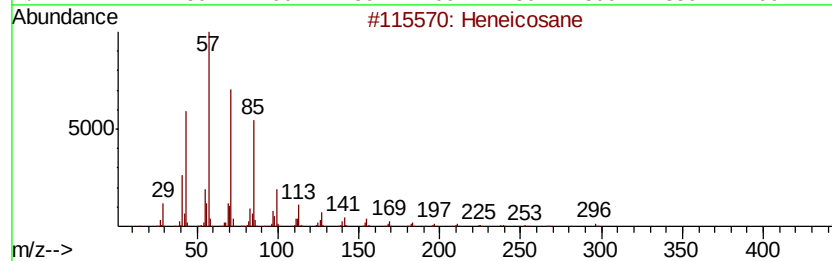
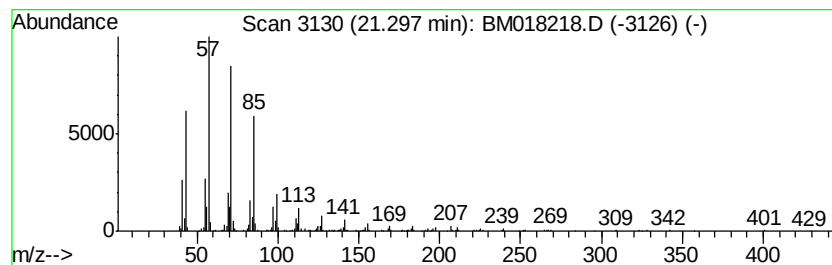
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	4.76 ng	580114	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
3		Octadecane	254	C18H38	000593-45-3	90
4		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121518\
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 Acq On : 15 Dec 2018 23:50
 Operator : JU/SJ
 Sample : J6347-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

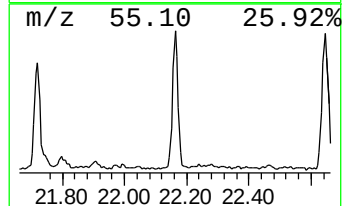
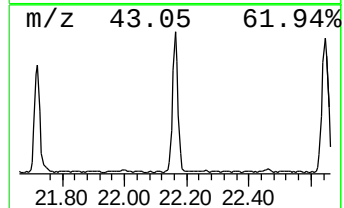
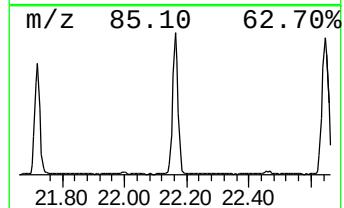
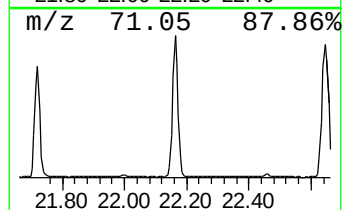
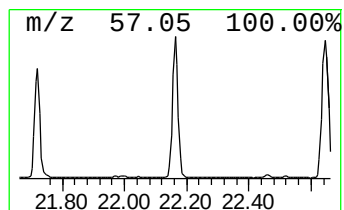
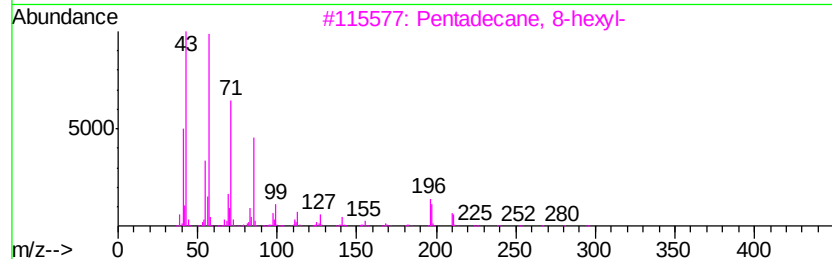
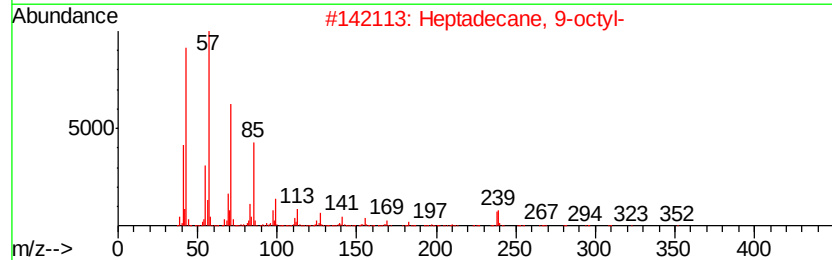
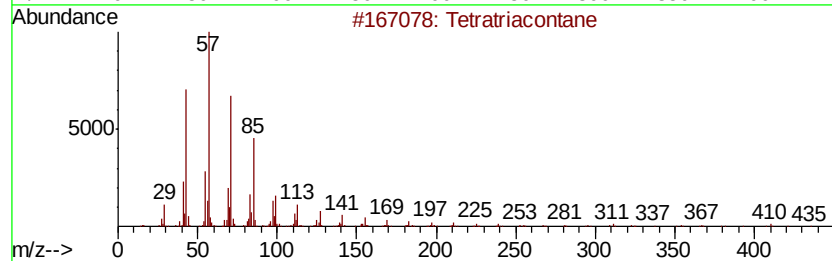
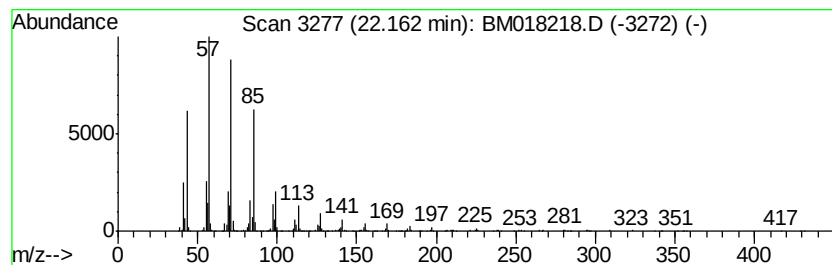
Instrument :
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 ClientSampleId :
 P001-SW004-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Tetratriacontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
22.16	11.86 ng	1446350	Chrysene-d12		21.14	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratriacontane	479	C34H70	014167-59-0	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Docosane, 7-hexyl-	394	C28H58	055373-86-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121518\
Data File : BM018218.D
Acq On : 15 Dec 2018 23:50
Operator : JU/SJ
Sample : J6347-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SW004-01

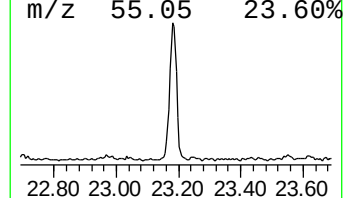
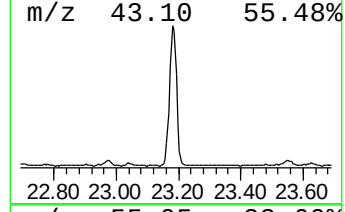
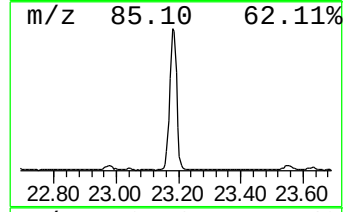
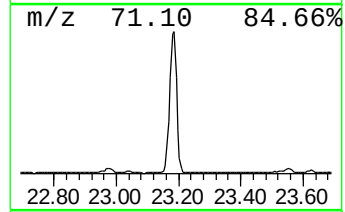
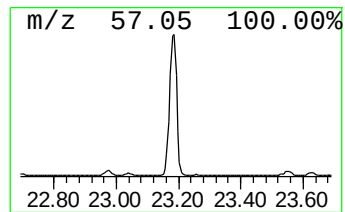
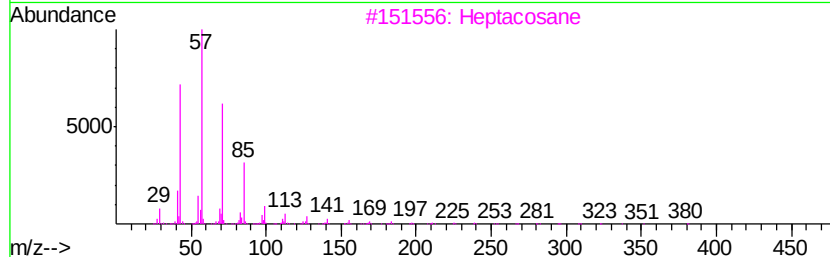
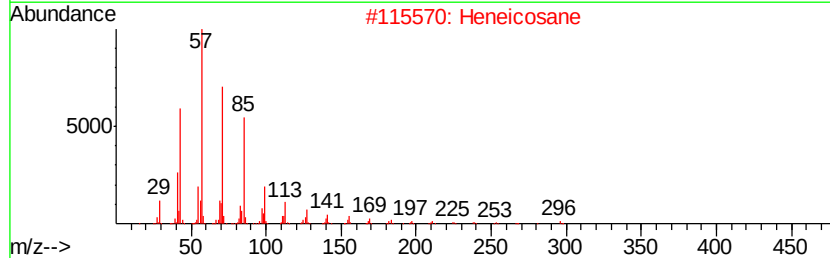
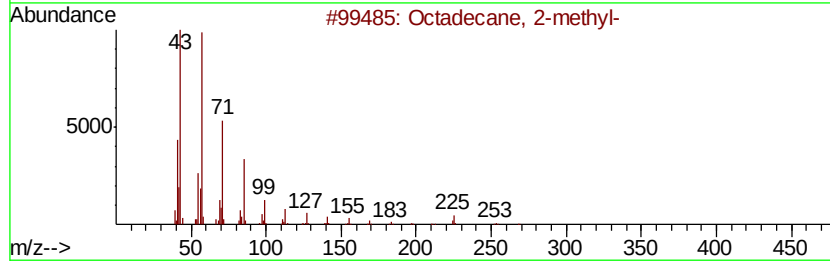
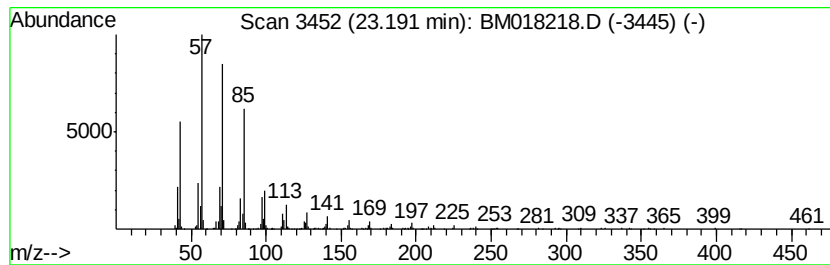
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	15.13 ng	1554880	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Heptadecane	240	C17H36	000629-78-7	87
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121518\
Data File : BM018218.D
Acq On : 15 Dec 2018 23:50
Operator : JU/SJ
Sample : J6347-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

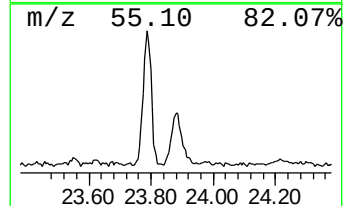
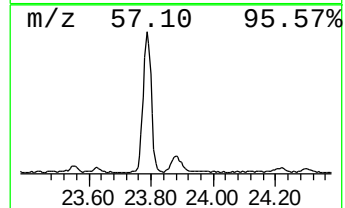
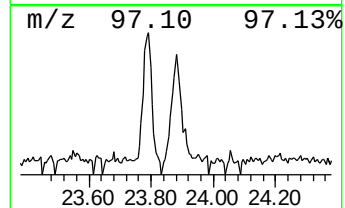
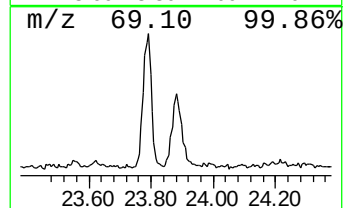
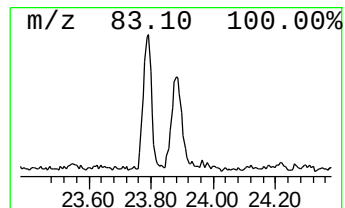
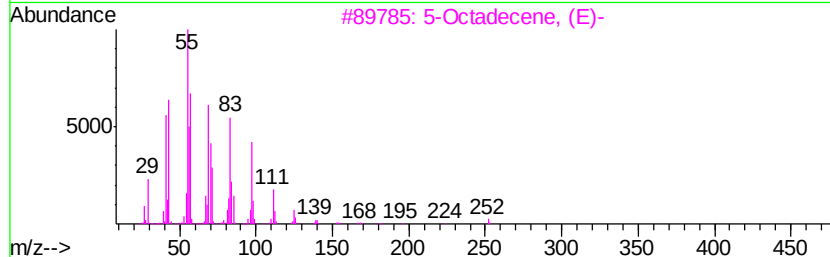
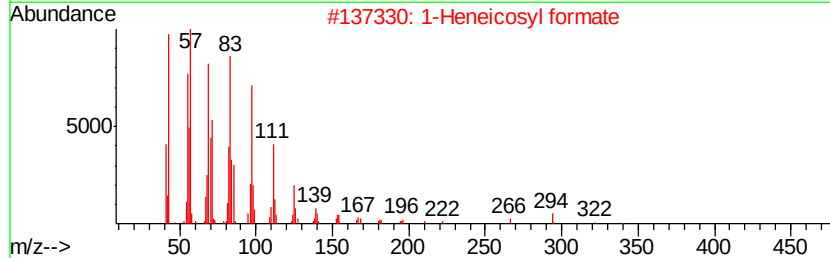
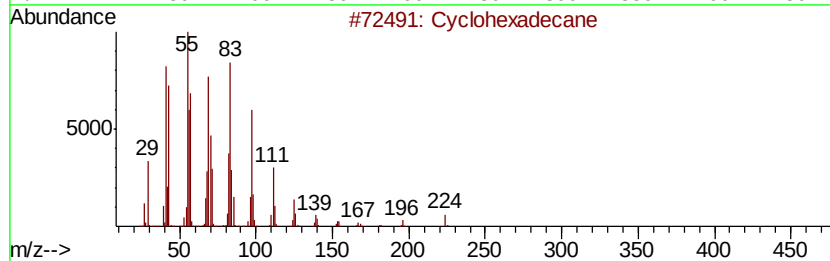
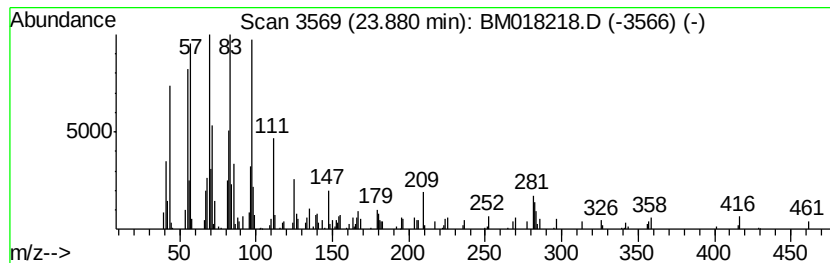
Instrument :
BNA_M
ClientSampleId :
P001-SW004-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclohexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	2.87 ng	294787	Perylene-d12	23.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 91
2		1-Heneicosyl formate	340 C22H44O2	077899-03-7 87
3		5-Octadecene, (E)-	252 C18H36	007206-21-5 83
4		Acetic acid, chloro-, hexadecyl ...	318 C18H35ClO2	052132-58-8 83
5		Cyclotetradecane, 1,7,11-trimeth...	280 C20H40	001786-12-5 80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121518\
Data File : BM018218.D
Acq On : 15 Dec 2018 23:50
Operator : JU/SJ
Sample : J6347-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SW004-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
unknown7.04	7.04	7.7	ng	331754	1	7.50	863107	20.0
n-Hexadecanoic acid	17.84	12.5	ng	1257400	4	16.92	2004740	20.0
Octadecanoic acid	19.13	6.9	ng	838895	5	21.14	2439970	20.0
3-Eicosene, (E)-	20.86	10.7	ng	1307330	5	21.14	2439970	20.0
Heneicosane	21.30	4.8	ng	580114	5	21.14	2439970	20.0
Tetratriacontane	22.16	11.9	ng	1446350	5	21.14	2439970	20.0
Octadecane, 2-met...	23.19	15.1	ng	1554880	6	23.30	2054720	20.0
Cyclohexadecane	23.88	2.9	ng	294787	6	23.30	2054720	20.0