

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
 Data File : BF109618.D
 Acq On : 5 Oct 2018 19:39
 Operator : JU/SJ
 Sample : J5179-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T2-GRAVEL

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_F\METHODS\8270-BF092218.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	4.887	473	476	483	rVB	37795	44253	2.88%	0.285%
2	5.322	546	550	573	rBV	898143	1046414	68.16%	6.742%
3	6.351	721	725	742	rBV	996690	1200906	78.22%	7.737%
4	6.475	742	746	769	rVB	1163677	1226829	79.91%	7.904%
5	6.698	781	784	794	rBV	497956	514519	33.51%	3.315%
6	6.857	807	811	827	rBV	1010283	938226	61.11%	6.045%
7	7.263	876	880	905	rBV	648337	779006	50.74%	5.019%
8	7.981	998	1002	1018	rBV	707992	701884	45.72%	4.522%
9	9.057	1181	1185	1199	rBV	1645252	1535227	100.00%	9.891%
10	9.451	1249	1252	1263	rBV	99729	93608	6.10%	0.603%
11	9.728	1295	1299	1314	rBV	802866	816786	53.20%	5.263%
12	10.516	1429	1433	1451	rBV	901024	957694	62.38%	6.170%
13	11.210	1547	1551	1560	rBV	791967	801138	52.18%	5.162%
14	11.745	1638	1642	1650	rBV2	134698	174720	11.38%	1.126%
15	12.263	1727	1730	1733	rBV	71875	65717	4.28%	0.423%
16	12.410	1752	1755	1758	rBV4	33124	40195	2.62%	0.259%
17	12.527	1772	1775	1778	rBV2	67431	73317	4.78%	0.472%
18	12.786	1816	1819	1829	rBV	1406768	1377868	89.75%	8.878%
19	13.692	1969	1973	1980	rVB3	120789	165698	10.79%	1.068%
20	13.833	1994	1997	2008	rVB	523887	578755	37.70%	3.729%
21	14.010	2024	2027	2030	rVB	65448	58781	3.83%	0.379%
22	14.315	2075	2079	2082	rBV	120337	118184	7.70%	0.761%
23	14.604	2125	2128	2134	rBV	200669	206740	13.47%	1.332%
24	14.915	2177	2181	2186	rVB	258611	293661	19.13%	1.892%
25	15.233	2231	2235	2238	rBV	417905	530333	34.54%	3.417%
26	15.268	2238	2241	2248	rVB	312927	387276	25.23%	2.495%
27	15.668	2304	2309	2313	rBV	254658	334634	21.80%	2.156%
28	16.127	2381	2387	2396	rVB2	130687	236521	15.41%	1.524%
29	16.662	2472	2478	2484	rVB2	52614	95257	6.20%	0.614%
30	17.115	2551	2555	2562	rVB8	14392	29038	1.89%	0.187%
31	17.298	2581	2586	2593	rVB4	20125	44316	2.89%	0.286%
32	18.045	2707	2713	2722	rVB8	22174	53359	3.48%	0.344%

LSC Area Percent Report

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Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
T2-GRAVEL

Integration Parameters: rteint.p
Integrator: RTE
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 >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

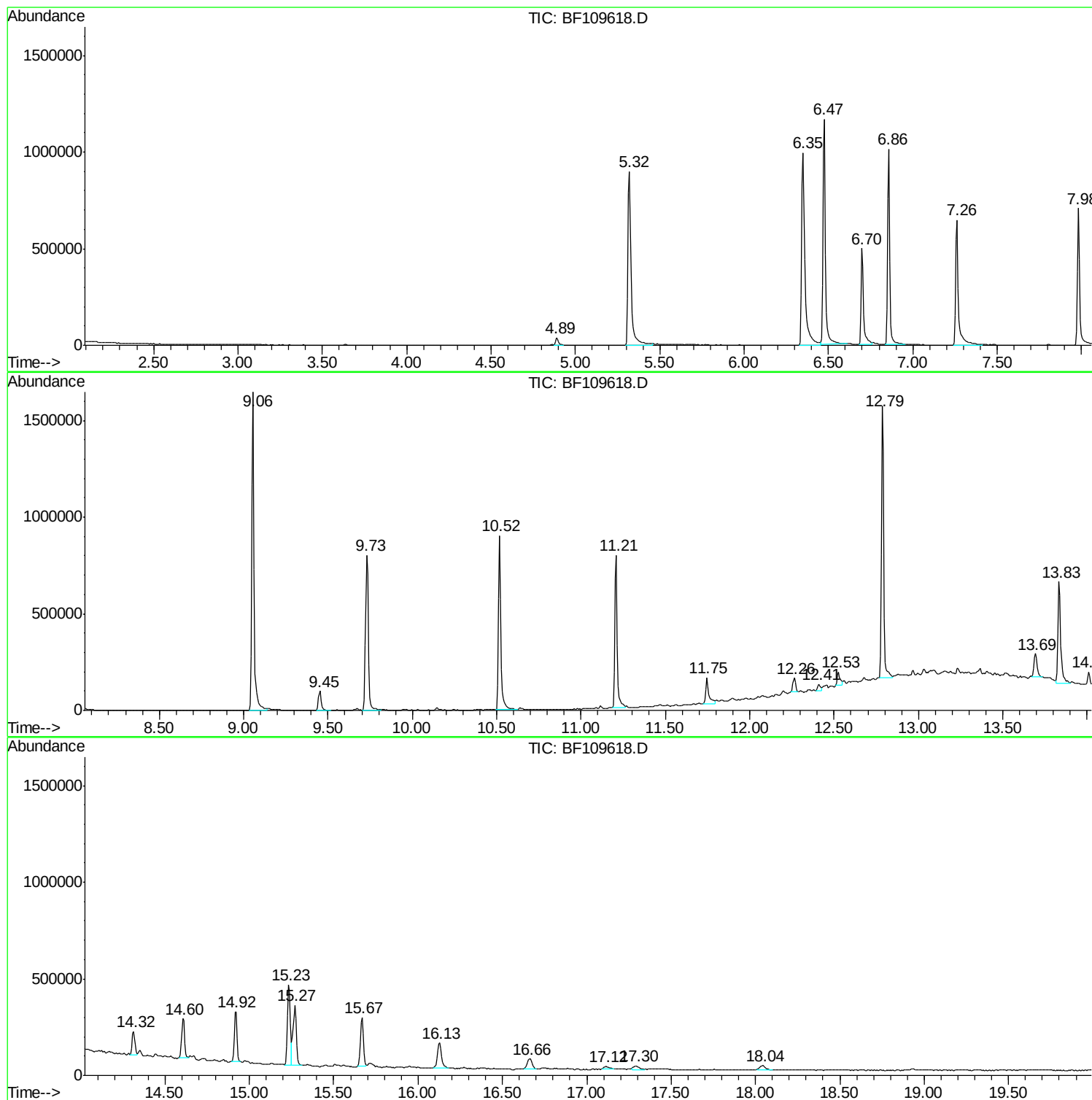
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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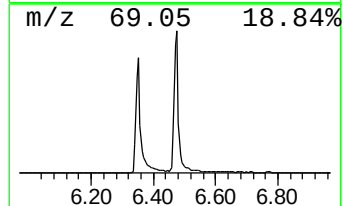
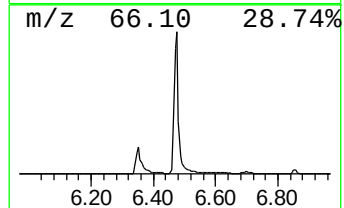
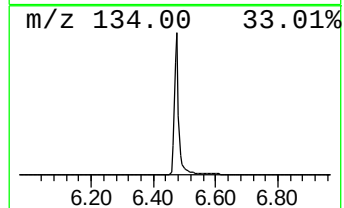
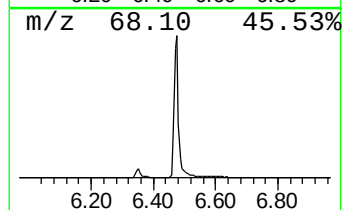
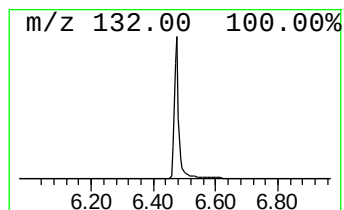
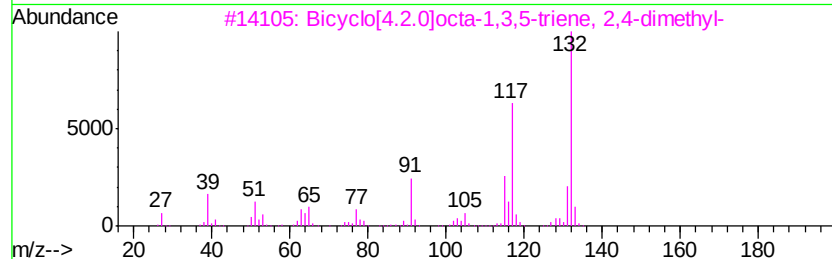
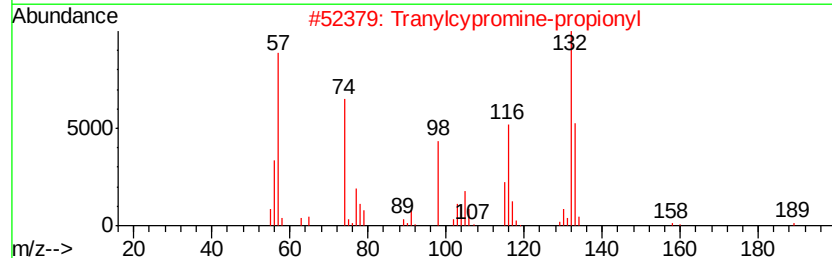
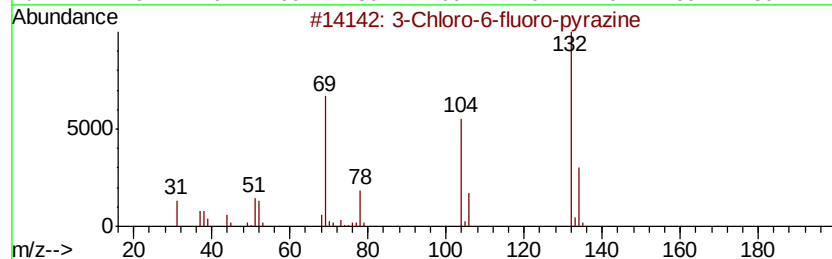
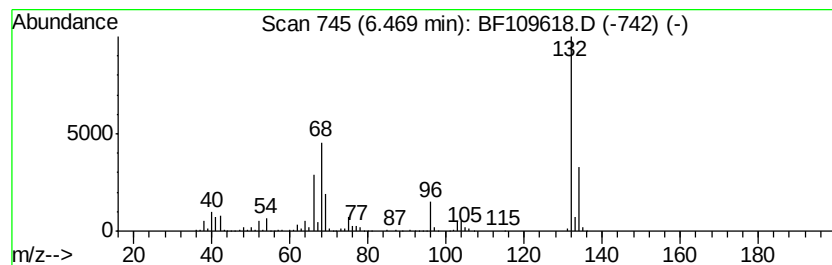
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	47.69 ng	1226830	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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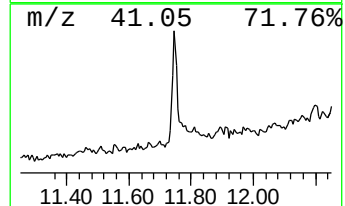
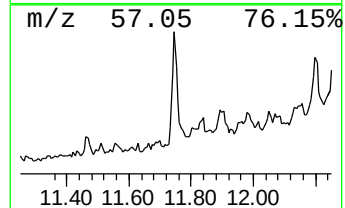
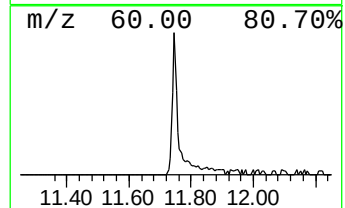
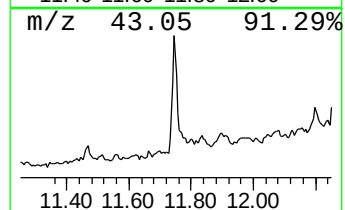
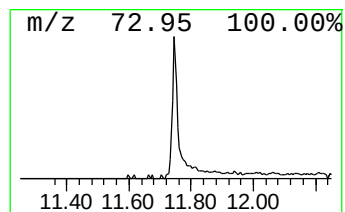
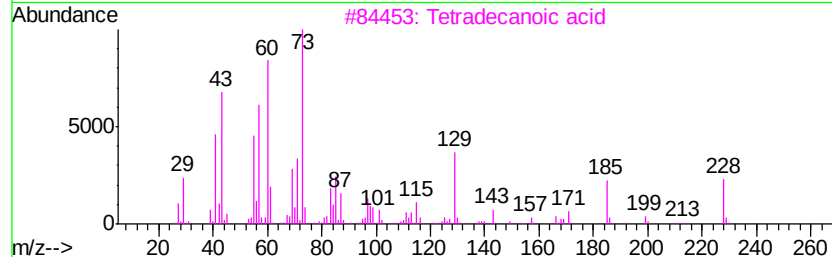
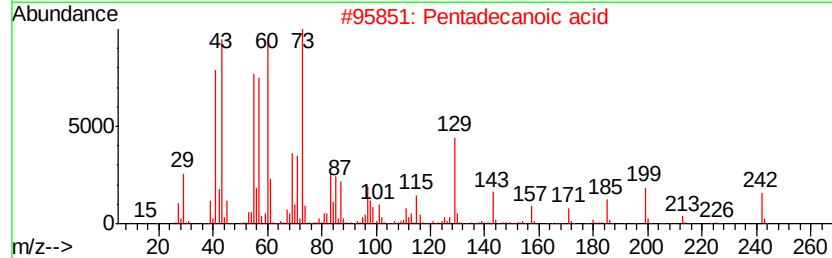
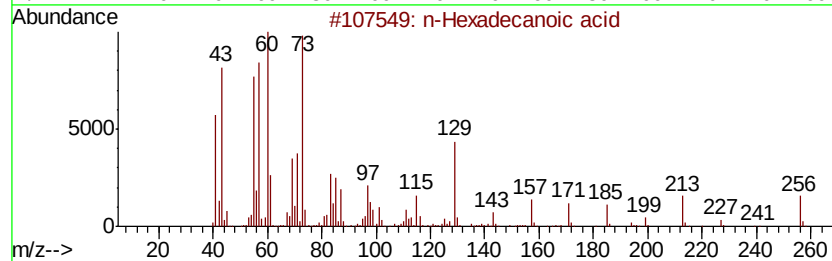
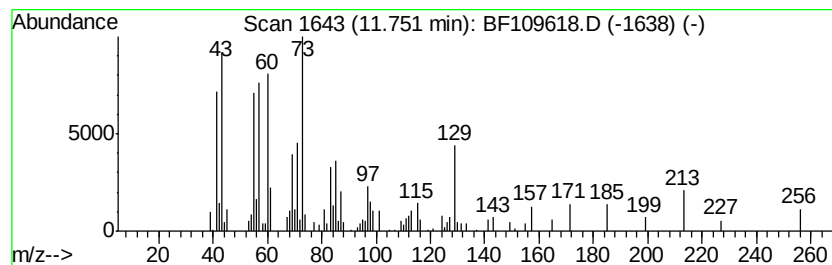
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.75	4.36 ng	174720	Phenanthrene-d10	11.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	20



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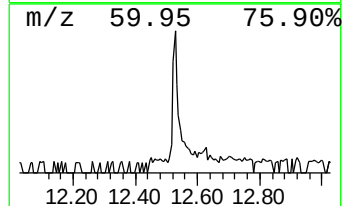
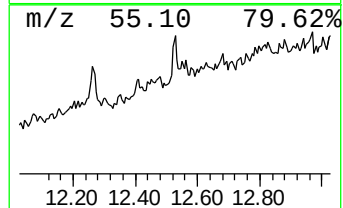
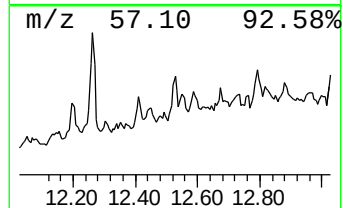
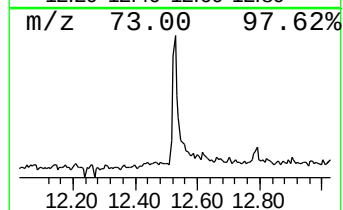
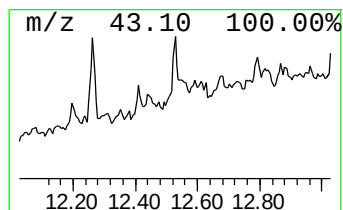
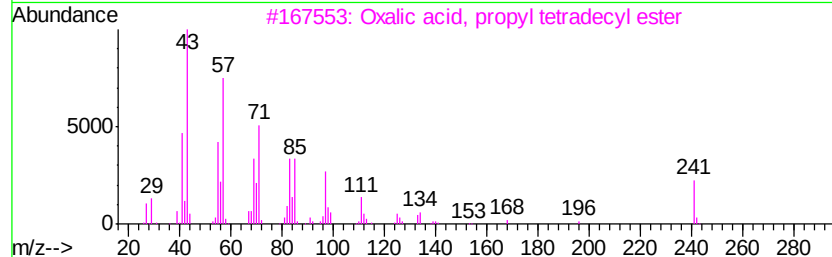
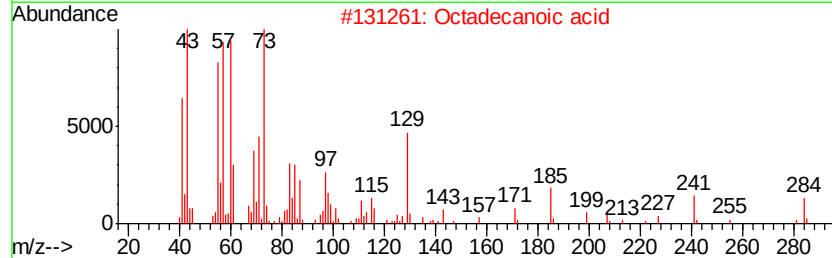
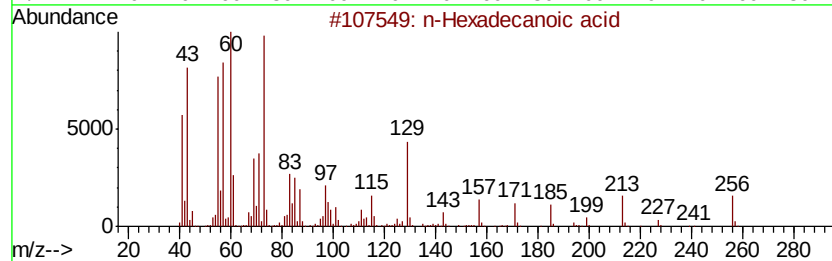
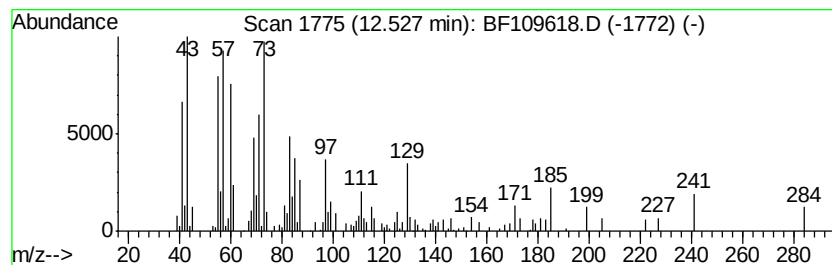
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown12.53 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.53	2.53 ng	73317	Chrysene-d12	13.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46
2	Octadecanoic acid	284	C18H36O2	000057-11-4	45
3	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	38
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	38
5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	35



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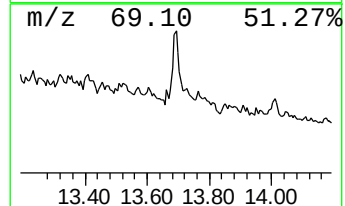
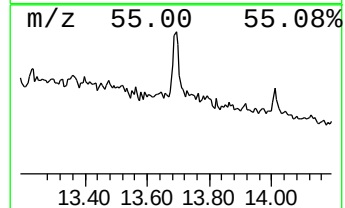
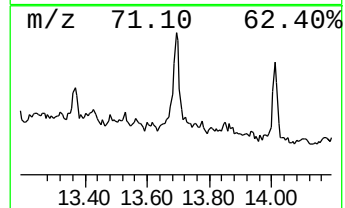
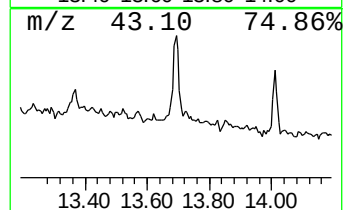
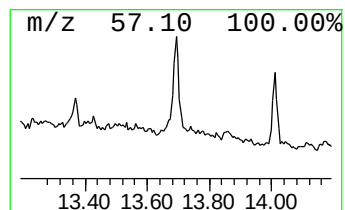
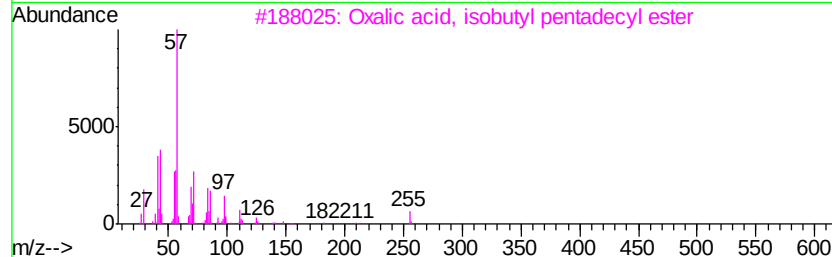
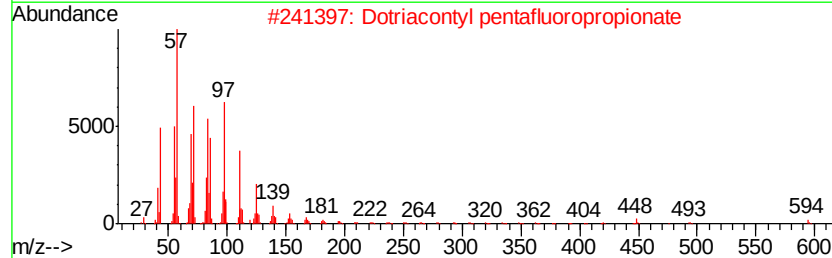
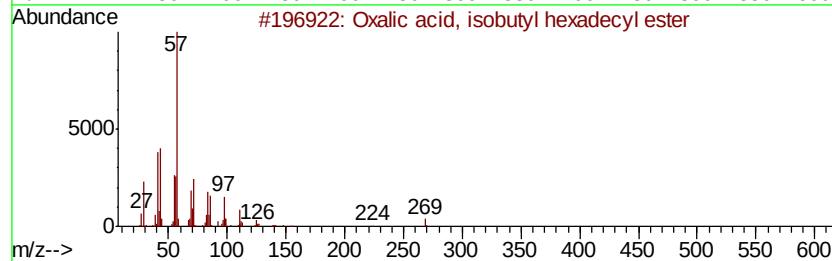
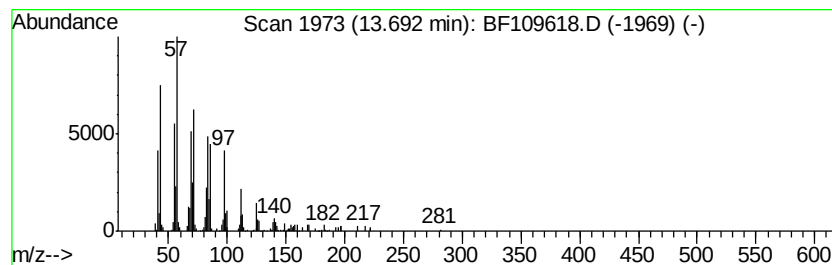
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Oxalic acid, isobutyl hexadecyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.69	5.73 ng	165698	Chrysene-d12	13.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	90
3	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	87
4	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	81
5	Carbonic acid, isobutyl octadecyl...	370	C23H46O3	1000314-61-5	72



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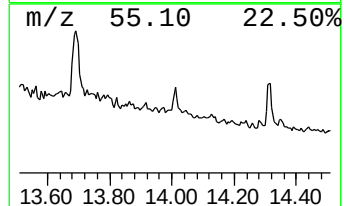
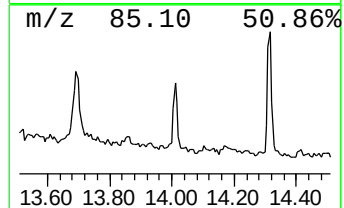
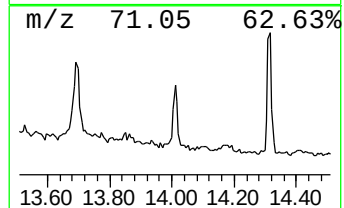
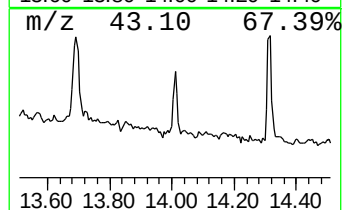
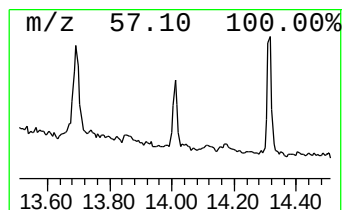
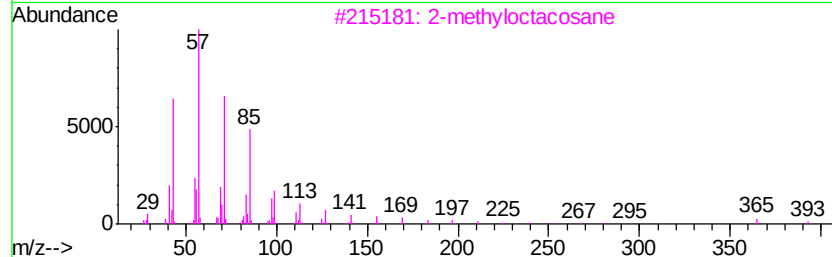
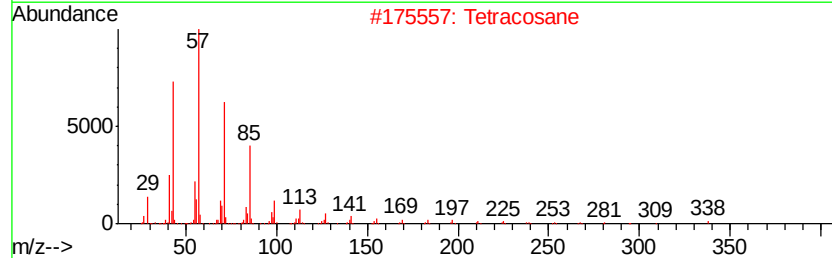
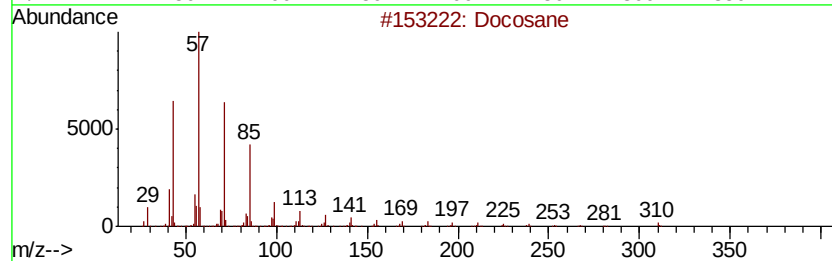
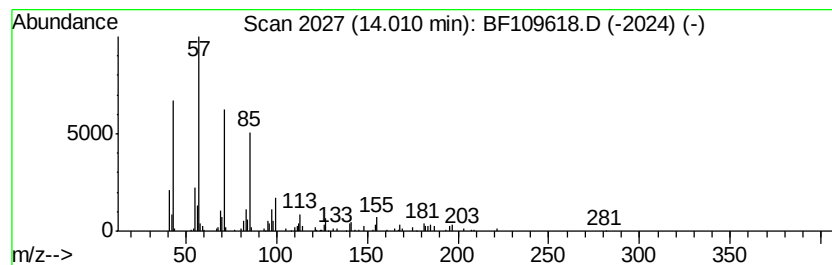
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Docosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	2.03 ng	58781	Chrysene-d12	13.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Docosane	310 C22H46	000629-97-0	86
2	Tetracosane	338 C24H50	000646-31-1	86
3	2-methyloctacosane	408 C29H60	1000376-72-8	86
4	Tetratetracontane	619 C44H90	007098-22-8	86
5	Heptadecane	240 C17H36	000629-78-7	86



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ALS Vial : 4 Sample Multiplier: 1

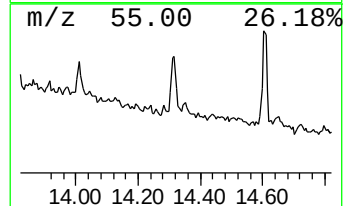
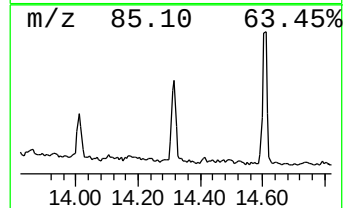
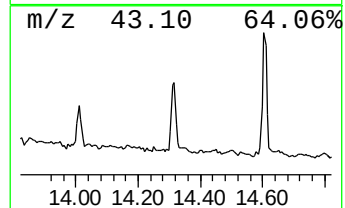
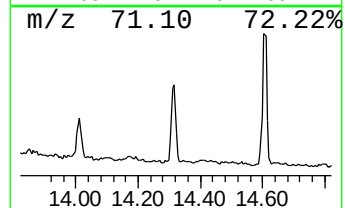
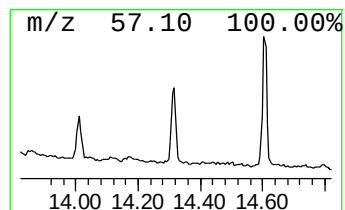
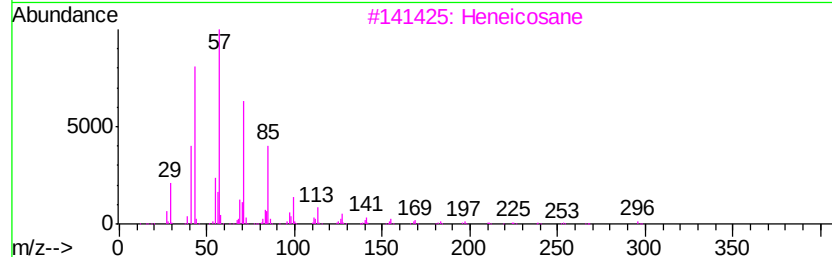
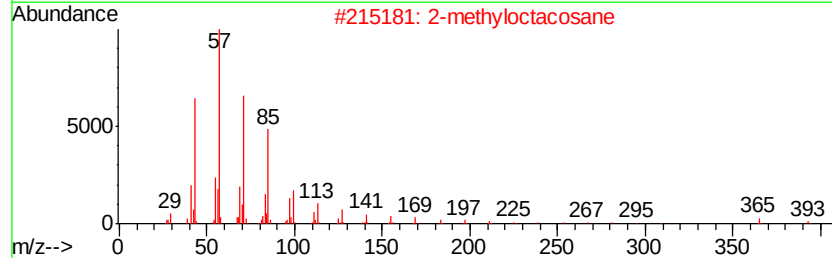
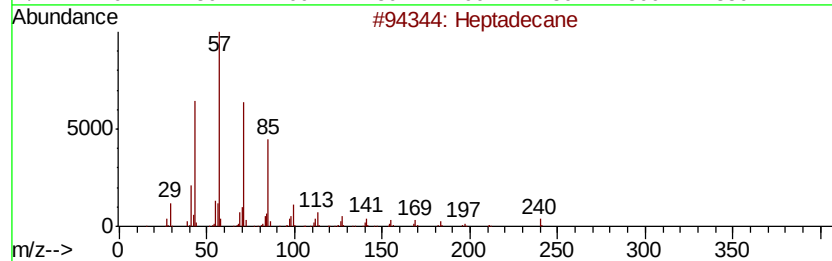
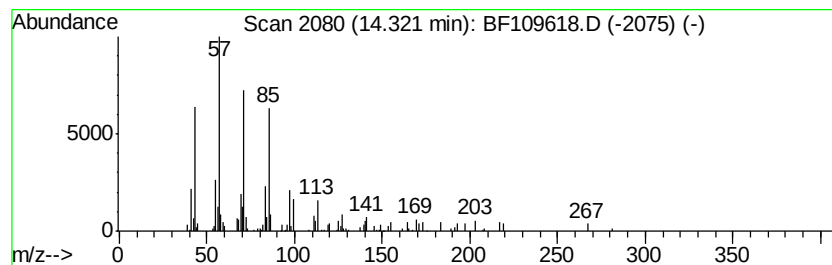
Instrument :
BNA_F
ClientSampleId :
T2-GRAVEL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.32	4.08 ng	118184	Chrysene-d12		13.83	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109618.D
Acq On : 5 Oct 2018 19:39
Operator : JU/SJ
Sample : J5179-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T2-GRAVEL

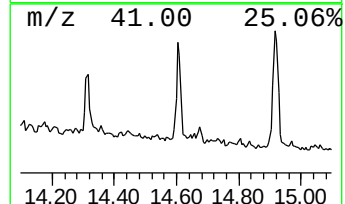
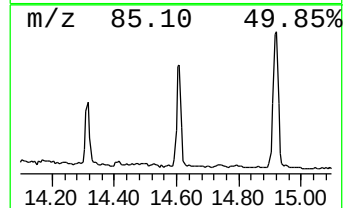
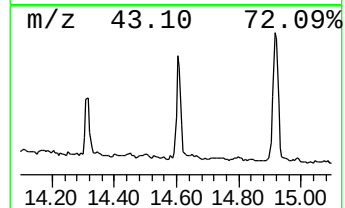
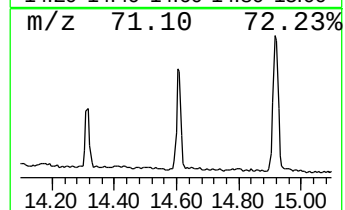
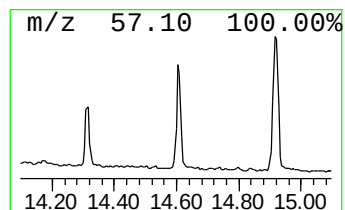
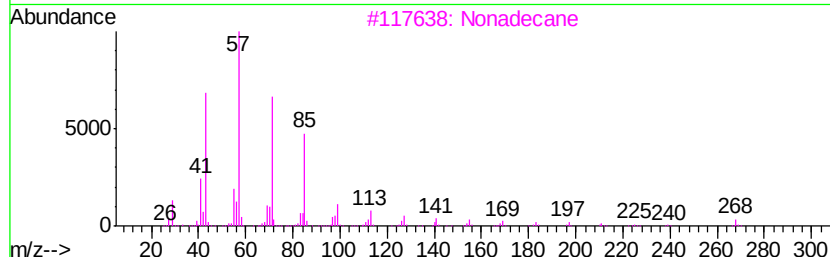
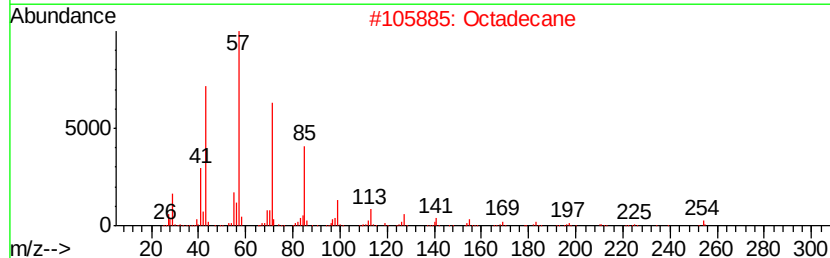
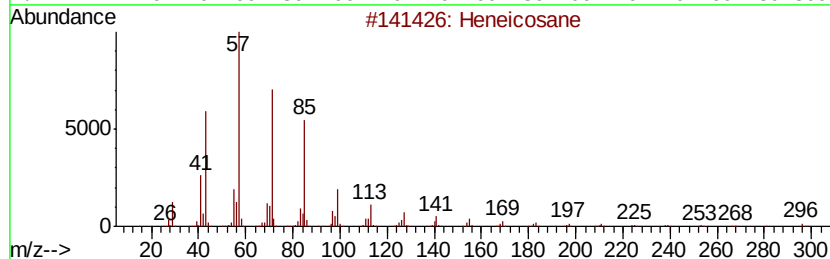
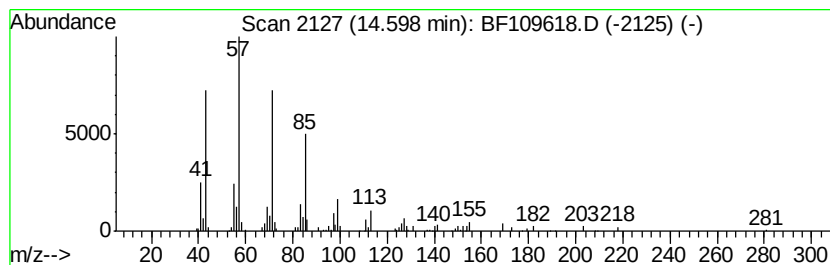
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	7.80 ng	206740	Perylene-d12	15.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Octadecane		254	C18H38	000593-45-3	87
3	Nonadecane		268	C19H40	000629-92-5	86
4	Heptacosane		380	C27H56	000593-49-7	83
5	Nonadecane, 2-methyl-		282	C20H42	001560-86-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109618.D
Acq On : 5 Oct 2018 19:39
Operator : JU/SJ
Sample : J5179-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T2-GRAVEL

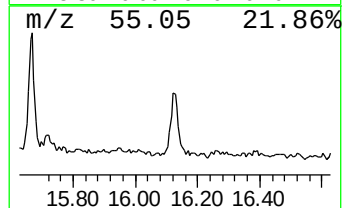
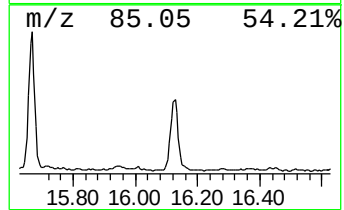
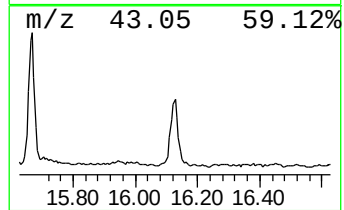
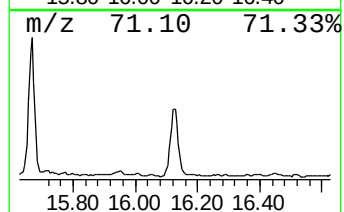
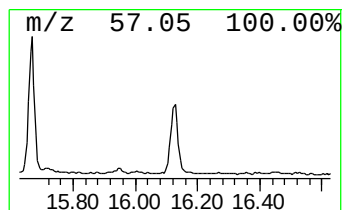
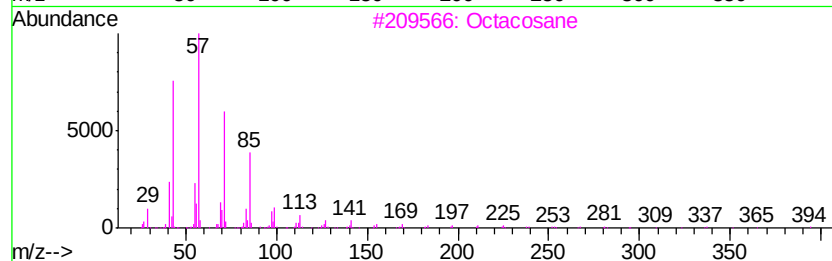
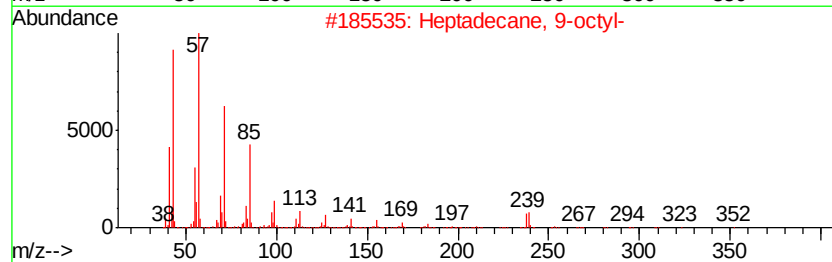
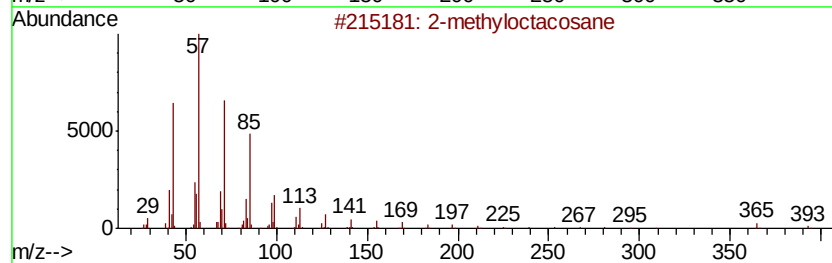
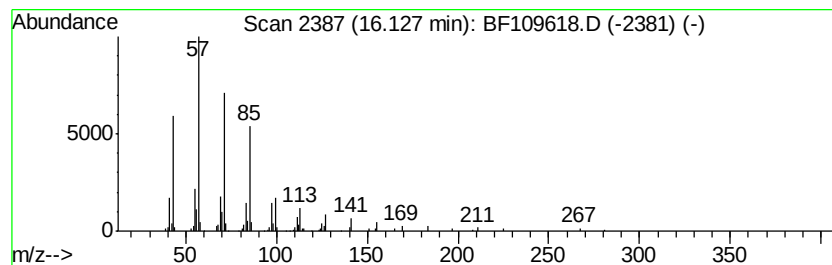
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	8.92 ng	236521	Perylene-d12	15.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
Data File : BF109618.D
Acq On : 5 Oct 2018 19:39
Operator : JU/SJ
Sample : J5179-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T2-GRAVEL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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n-Hexadecanoic acid	11.75	4.4	ng	174720	4	11.21	801138	20.0
unknown12.53	12.53	2.5	ng	73317	5	13.83	578755	20.0
Oxalic acid, isob...	13.69	5.7	ng	165698	5	13.83	578755	20.0
Docosane	14.01	2.0	ng	58781	5	13.83	578755	20.0
Heptadecane	14.32	4.1	ng	118184	5	13.83	578755	20.0
Heneicosane	14.60	7.8	ng	206740	6	15.23	530333	20.0
2-methyloctacosane	16.13	8.9	ng	236521	6	15.23	530333	20.0