

Data Path : S:\HPCHEM1\BNA_F\DATA\BF012315\
 Data File : BF077043.D
 Acq On : 23 Jan 2015 18:20
 Operator : TP/IZ
 Sample : G1150-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

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:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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	1.327	20	21	26	rBV	12306	21224	2.21%	0.365%
2	1.407	26	28	39	rVB	111470	257070	26.81%	4.426%
3	3.041	169	171	176	rBV	3615	11056	1.15%	0.190%
4	3.830	237	240	250	rVB	15327	42143	4.40%	0.726%
5	4.790	320	324	332	rBV	90307	199776	20.84%	3.440%
6	7.167	529	532	536	rBV	66147	127464	13.30%	2.195%
7	7.247	536	539	544	rVB	249648	400416	41.77%	6.895%
8	7.762	581	584	588	rBV	79265	123067	12.84%	2.119%
9	8.082	609	612	617	rVB	365128	555221	57.91%	9.560%
10	9.065	694	698	701	rBV	296049	450661	47.01%	7.760%
11	10.619	832	834	836	rBV2	7845	11828	1.23%	0.204%
12	10.676	836	839	842	rVB	105779	173247	18.07%	2.983%
13	13.328	1067	1071	1075	rBV	582140	906570	94.56%	15.610%
14	14.803	1196	1200	1203	rBV	119705	189531	19.77%	3.264%
15	16.460	1343	1345	1347	rBV	9924	13988	1.46%	0.241%
16	16.517	1347	1350	1353	rVV	255766	337016	35.15%	5.803%
17	17.626	1445	1447	1450	rBV	133219	197959	20.65%	3.409%
18	18.643	1534	1536	1543	rBV	44669	58207	6.07%	1.002%
19	19.672	1623	1626	1632	rBV	24635	35596	3.71%	0.613%
20	19.877	1641	1644	1647	rVB	859246	958691	100.00%	16.508%
21	20.735	1717	1719	1721	rVB	15203	15627	1.63%	0.269%
22	21.135	1751	1754	1758	rBV	184874	299756	31.27%	5.161%
23	21.546	1787	1790	1792	rBV	30044	32142	3.35%	0.553%
24	21.923	1821	1823	1826	rBV	28814	37501	3.91%	0.646%
25	22.300	1852	1856	1858	rBV	25384	32969	3.44%	0.568%
26	22.666	1885	1888	1890	rBV	24078	32826	3.42%	0.565%
27	22.780	1896	1898	1901	rBV	128741	172683	18.01%	2.973%
28	23.020	1916	1919	1922	rBV	21954	31003	3.23%	0.534%
29	23.386	1948	1951	1952	rBV	16138	26590	2.77%	0.458%
30	23.741	1978	1982	1985	rBV2	14117	26426	2.76%	0.455%
31	24.129	2012	2016	2018	rBV3	8191	16130	1.68%	0.278%
32	24.563	2051	2054	2058	rVB3	6301	13185	1.38%	0.227%

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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:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

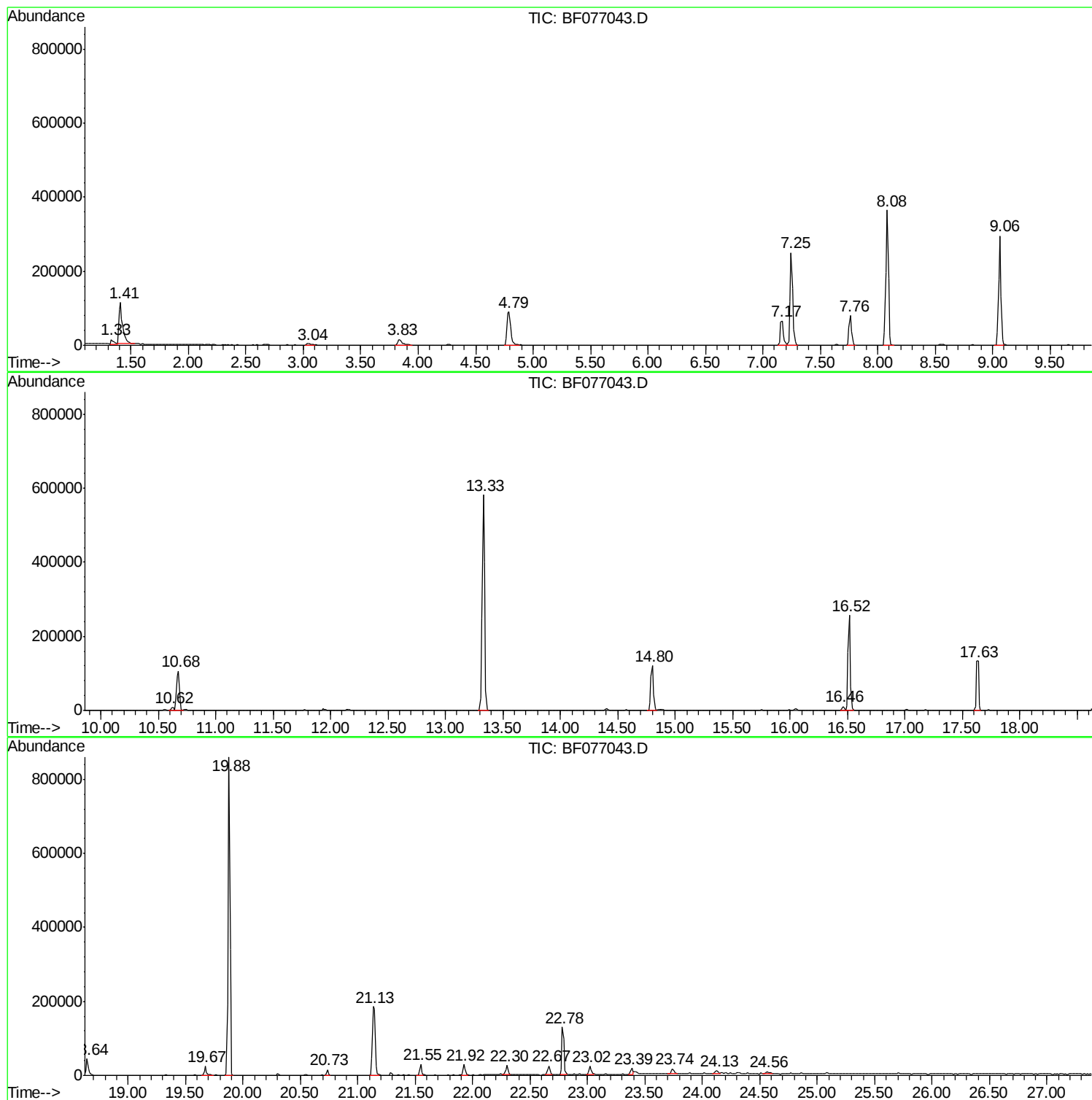
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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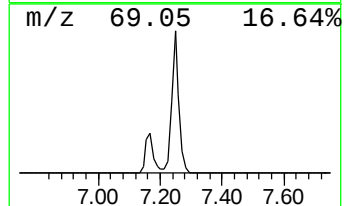
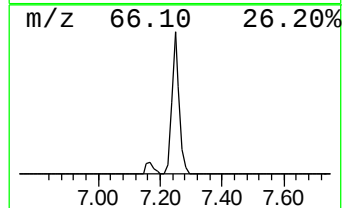
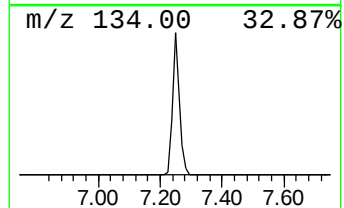
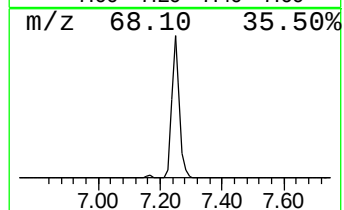
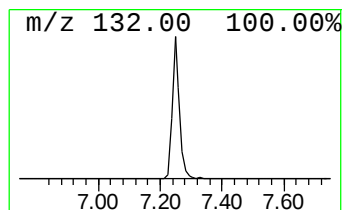
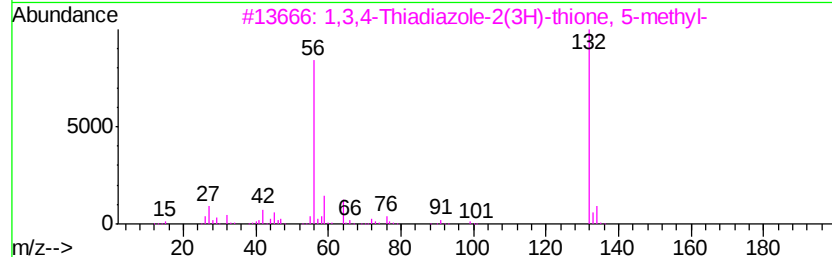
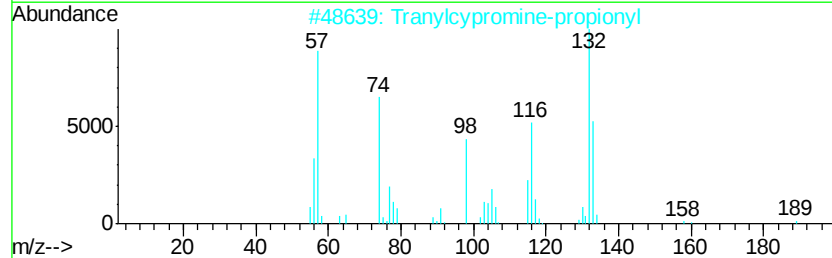
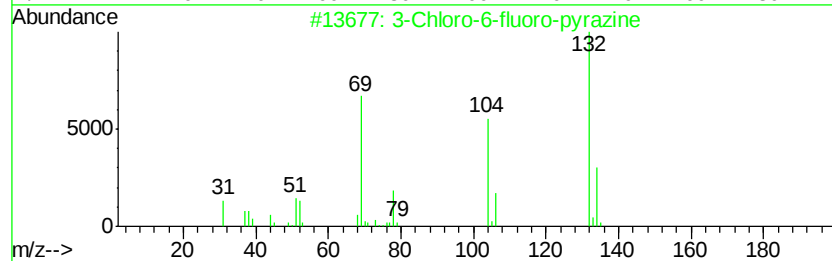
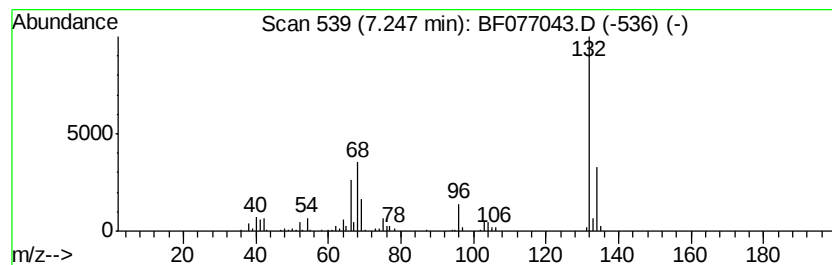
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.25 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	65.07 ng	400416	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene, ...	132	C10H12	028749-81-7	9



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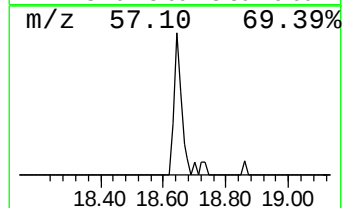
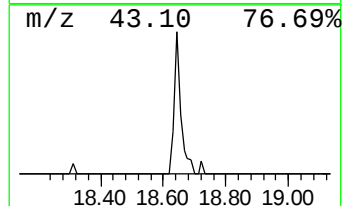
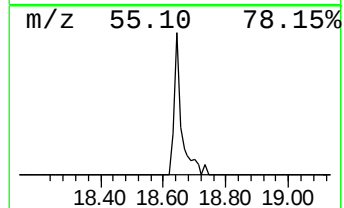
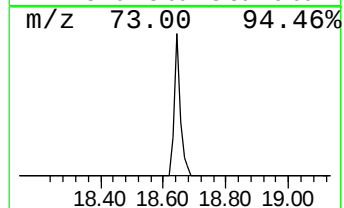
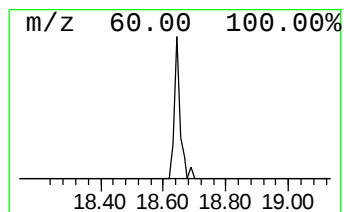
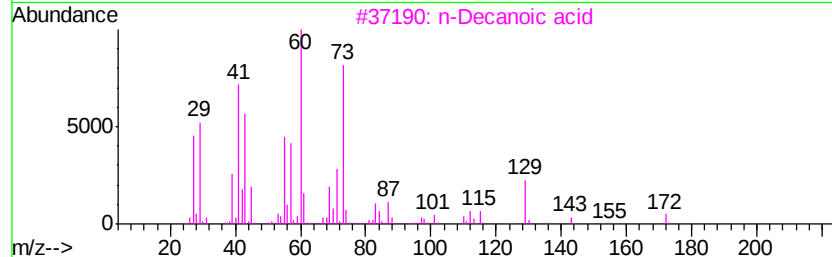
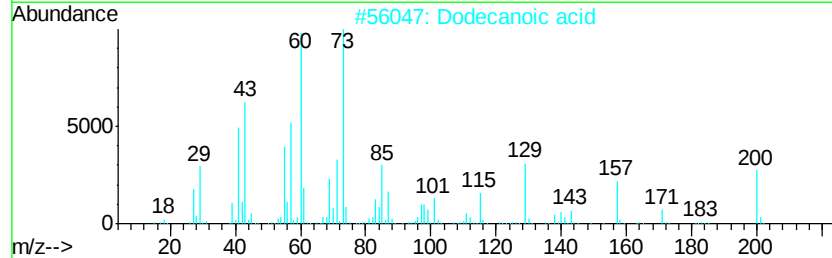
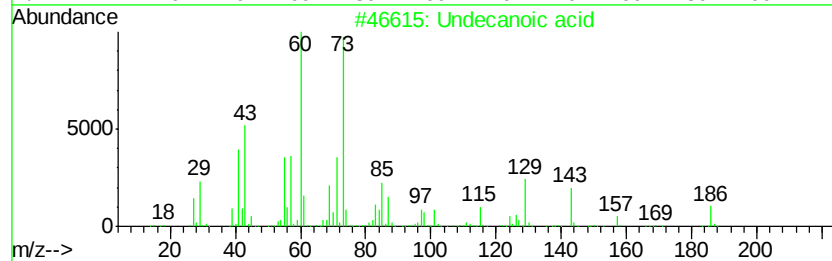
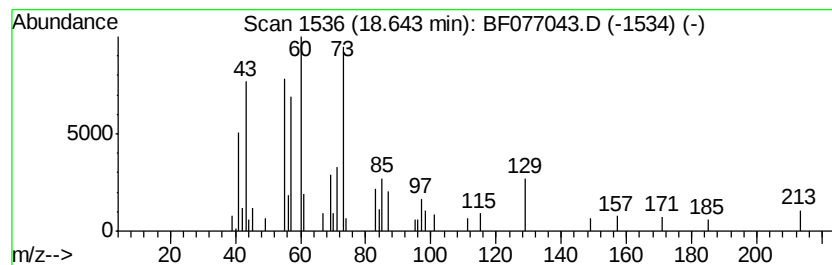
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	5.88 ng	58207	Phenanthrene-d10	17.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	91	
2	Dodecanoic acid	200	C12H24O2	000143-07-7	86	
3	n-Decanoic acid	172	C10H20O2	000334-48-5	64	
4	(1R,3R,4R,5R)-(-)-Quinic acid	192	C7H12O6	000077-95-2	59	
5	Methyl 2,6-anhydro-.alpha.-d-alt...	176	C7H12O5	1000130-02-0	43	



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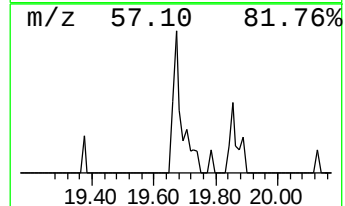
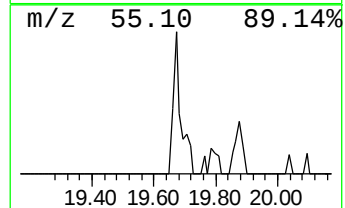
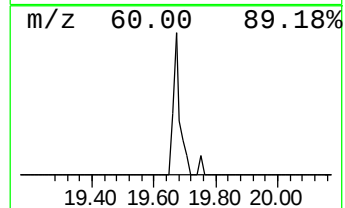
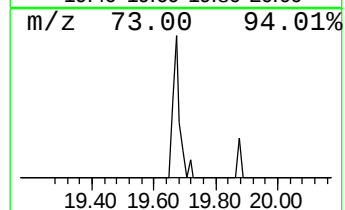
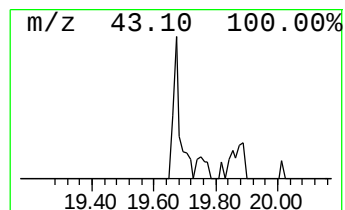
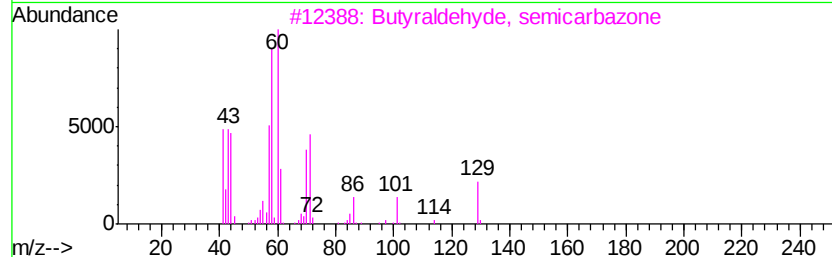
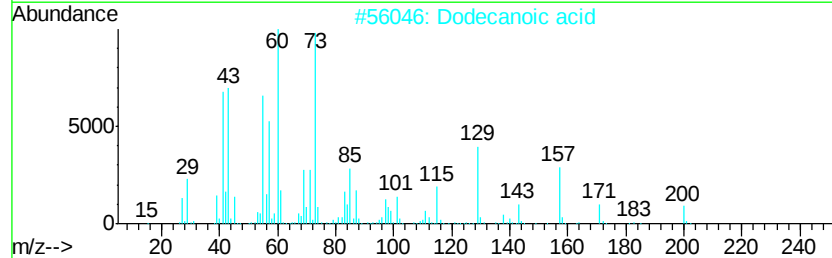
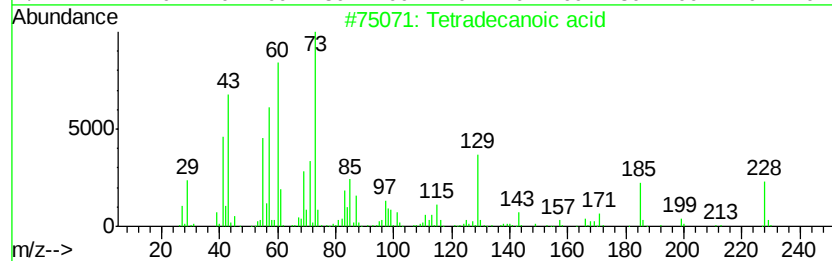
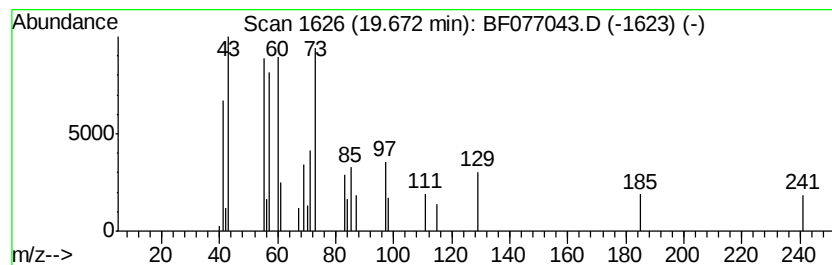
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tetradecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.67	2.38 ng	35596	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
2		Dodecanoic acid	200	C12H24O2	000143-07-7	53
3		Butyraldehyde, semicarbazone	129	C5H11N3O	013183-21-6	50
4		Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	10
5		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	10



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Misc :
ALS Vial : 8 Sample Multiplier: 1

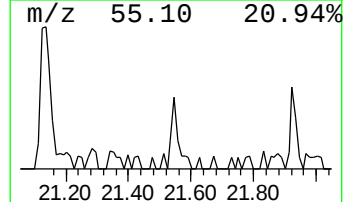
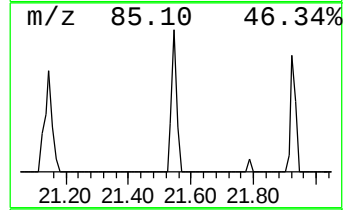
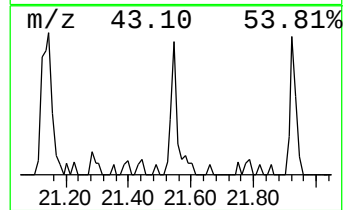
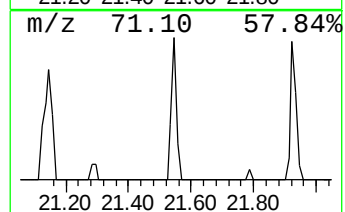
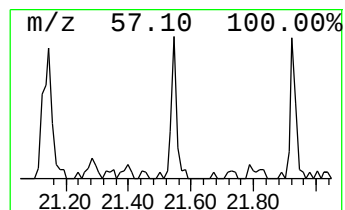
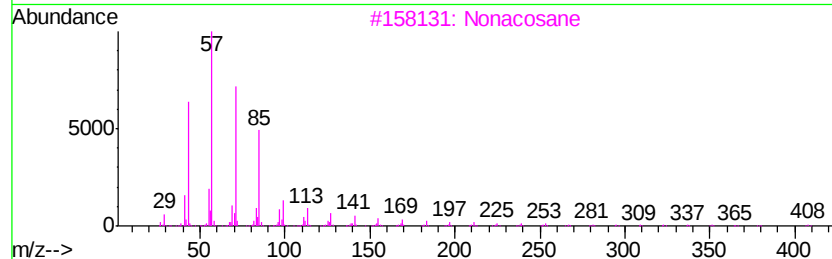
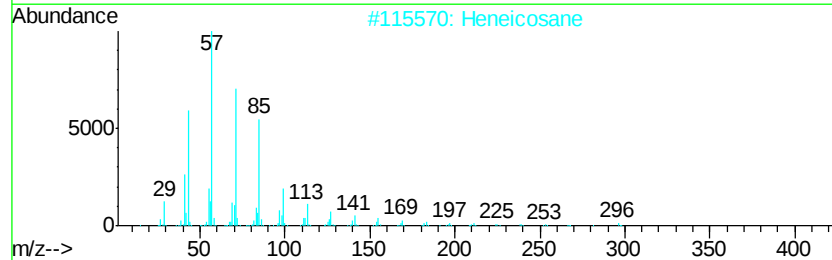
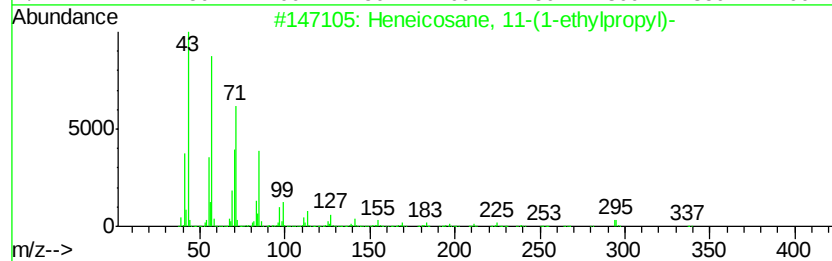
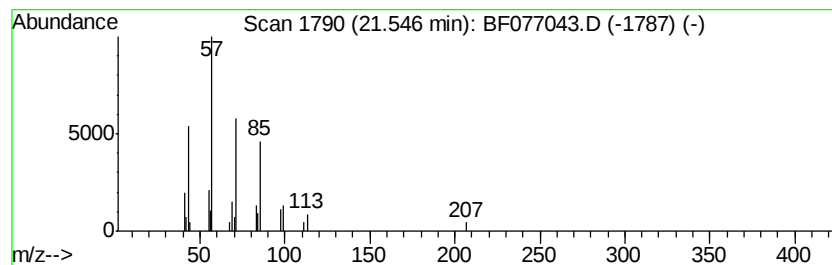
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane, 11-(1-ethylpro... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.55	2.14 ng	32142	Chrysene-d12	21.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366 C26H54	055282-11-6	90
2	Heneicosane	296 C21H44	000629-94-7	90
3	Nonacosane	408 C29H60	000630-03-5	83
4	Hexatriacontane	507 C36H74	000630-06-8	64
5	Heptacosane	380 C27H56	000593-49-7	64



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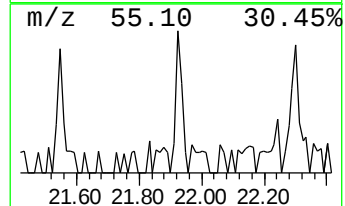
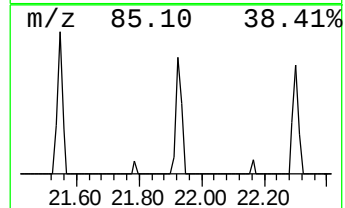
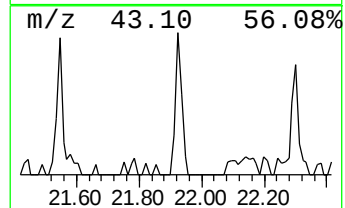
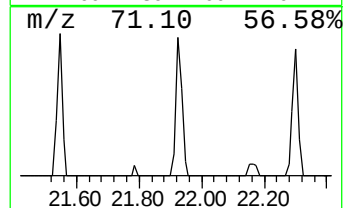
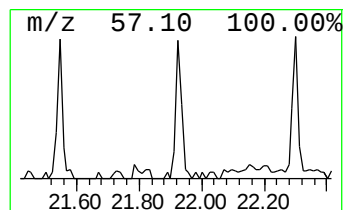
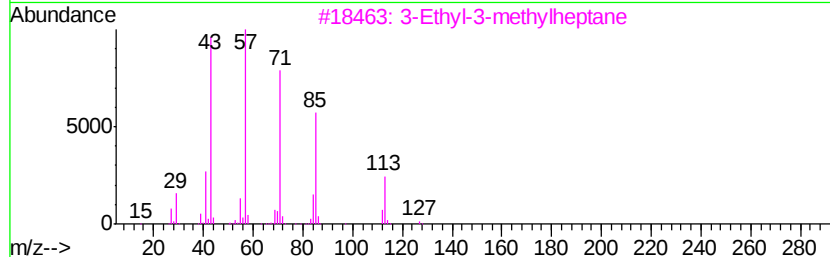
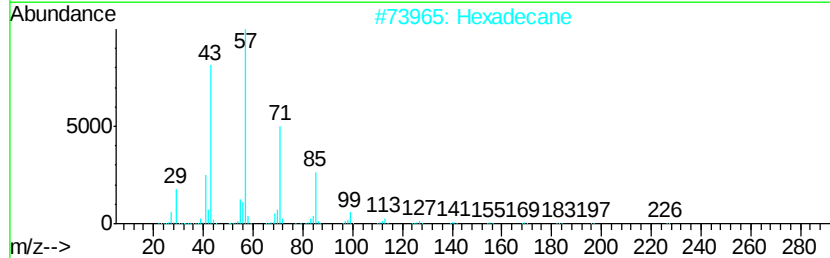
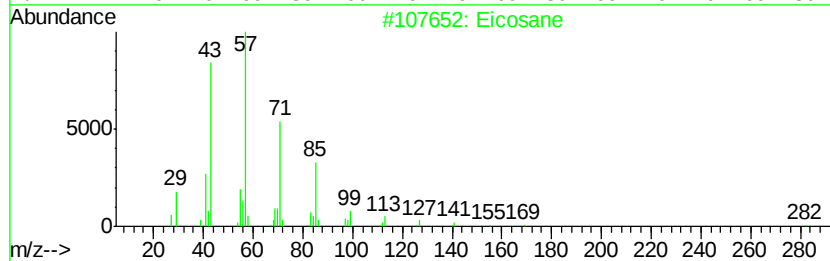
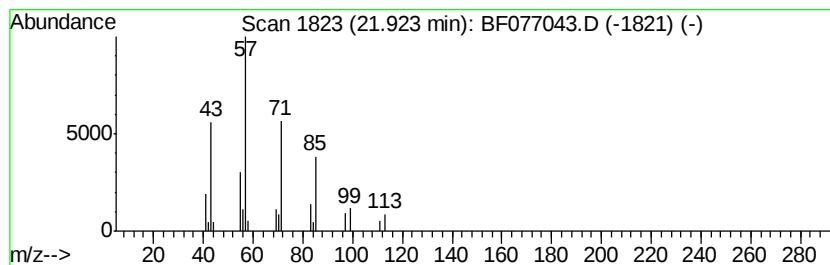
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	2.50 ng	37501	Chrysene-d12	21.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	78
2	Hexadecane		226	C16H34	000544-76-3	72
3	3-Ethyl-3-methylheptane		142	C10H22	017302-01-1	53
4	Pentadecane		212	C15H32	000629-62-9	50
5	Octane, 3,5-dimethyl-		142	C10H22	015869-93-9	47



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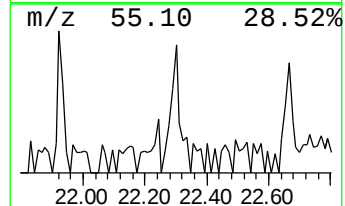
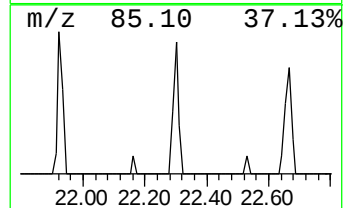
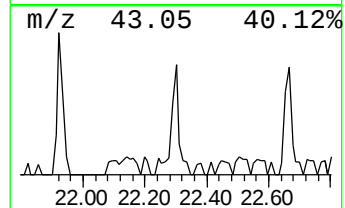
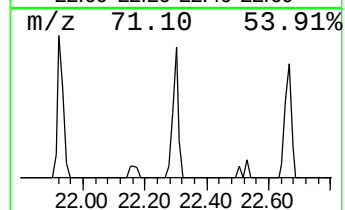
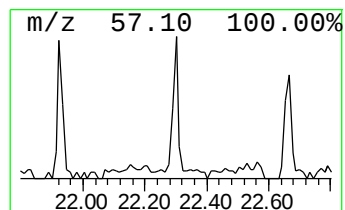
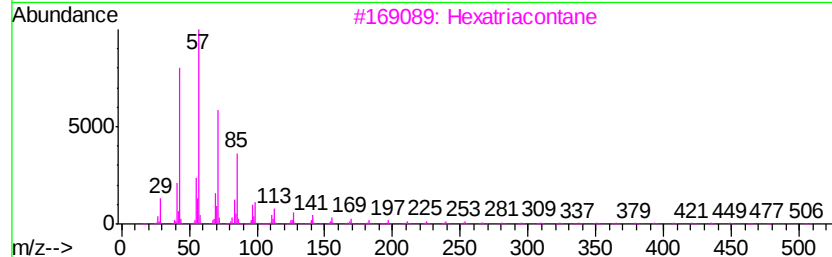
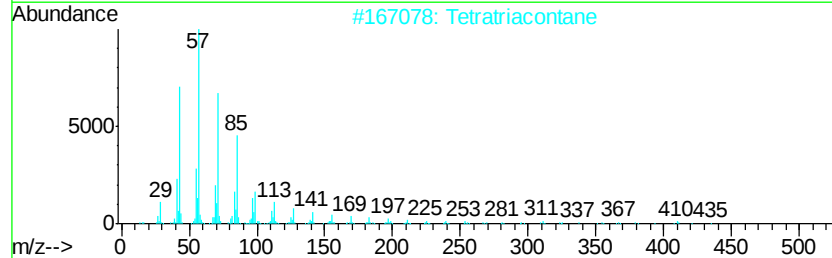
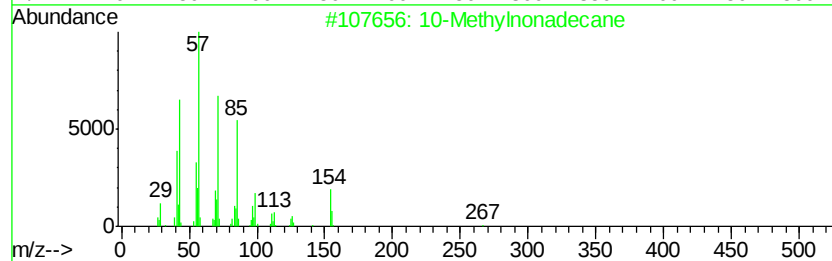
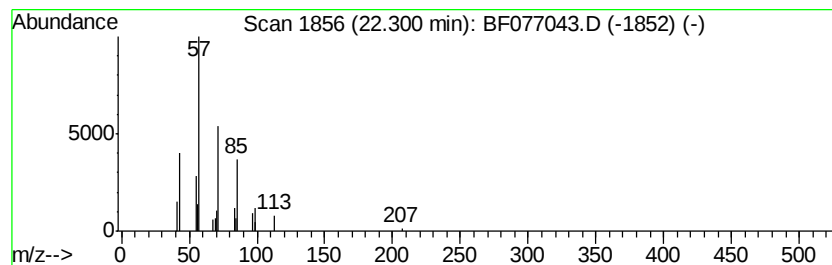
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 10-Methylnonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	3.82 ng	32969	Perylene-d12	22.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Methylnonadecane	282	C20H42	056862-62-5	90
2		Tetratriacontane	479	C34H70	014167-59-0	83
3		Hexatriacontane	507	C36H74	000630-06-8	83
4		Tetratetracontane	619	C44H90	007098-22-8	83
5		Heptacosane	380	C27H56	000593-49-7	83



Data Path : S:\HPCHEM1\BNA_F\DATA\BF012315\
Data File : BF077043.D
Acq On : 23 Jan 2015 18:20
Operator : TP/IZ
Sample : G1150-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

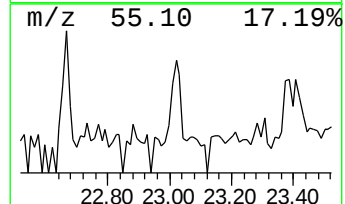
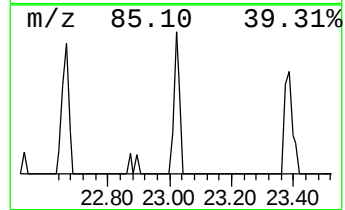
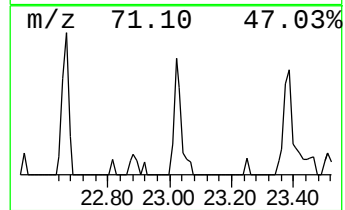
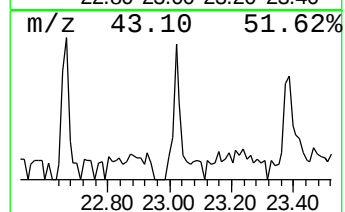
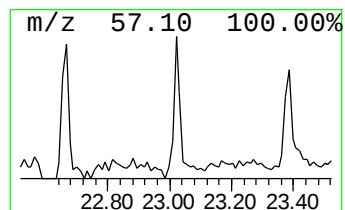
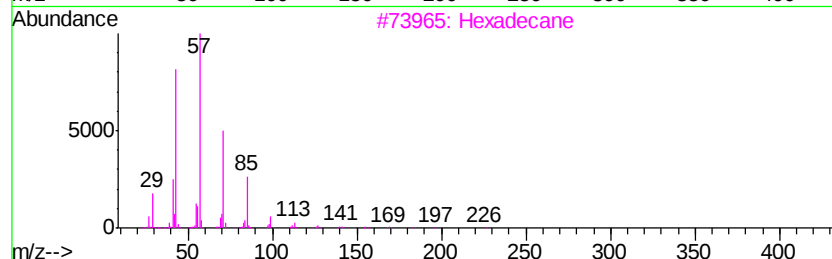
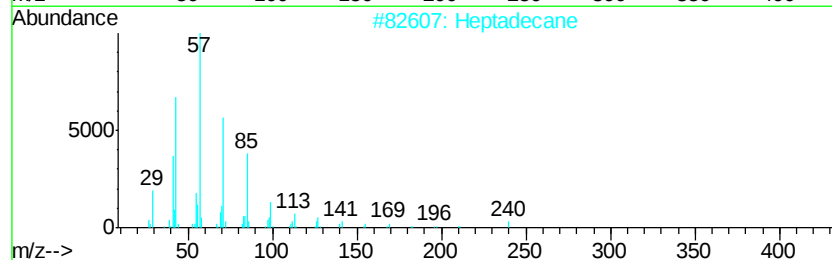
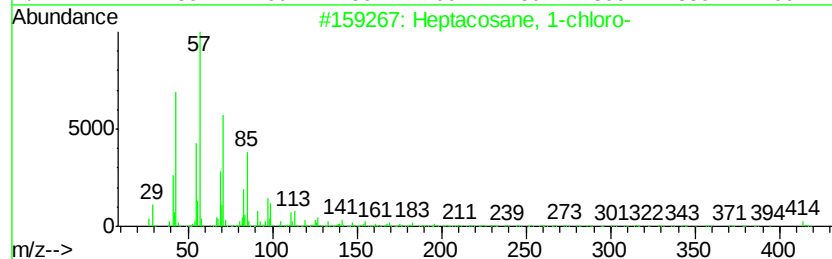
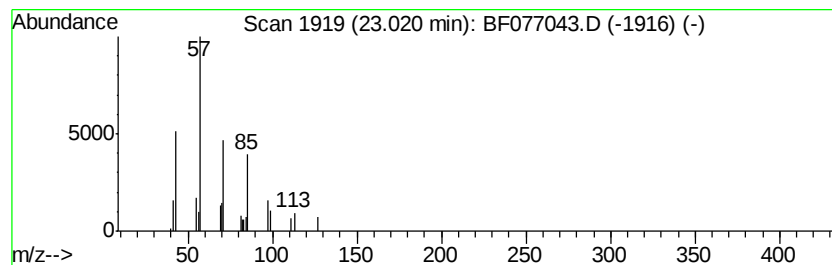
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptacosane, 1-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.02	3.59 ng	31003	Perylene-d12	22.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	83
2		Heptadecane	240	C17H36	000629-78-7	78
3		Hexadecane	226	C16H34	000544-76-3	72
4		Pentadecane	212	C15H32	000629-62-9	72
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : S:\HPCHEM1\BNA_F\DATA\BF012315\
Data File : BF077043.D
Acq On : 23 Jan 2015 18:20
Operator : TP/IZ
Sample : G1150-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

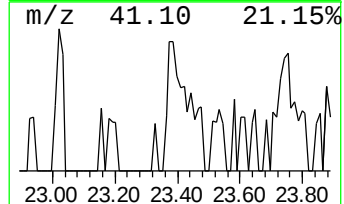
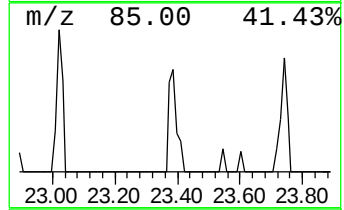
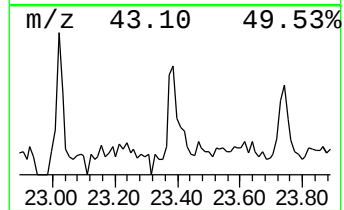
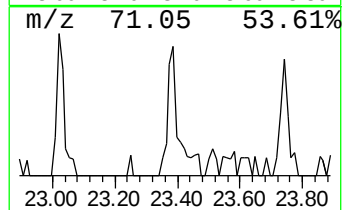
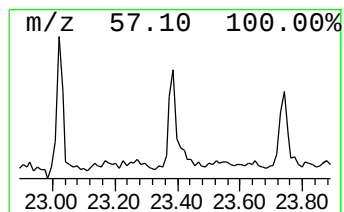
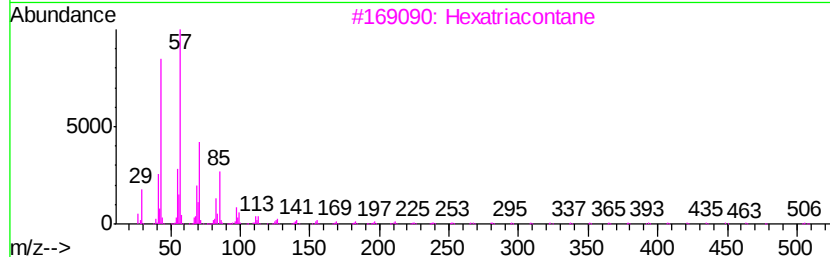
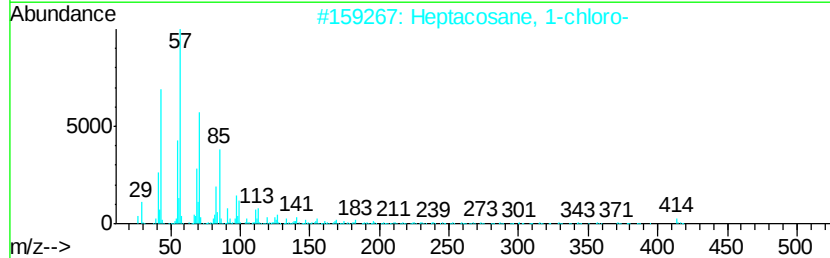
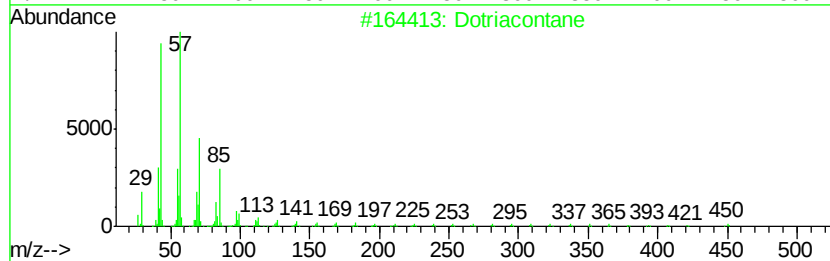
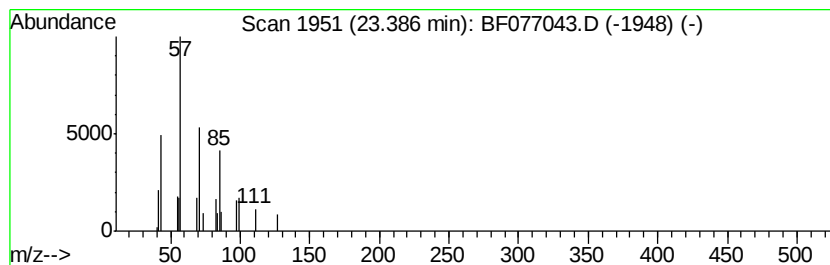
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dotriacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.39	3.08 ng	26590	Perylene-d12	22.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dotriacontane	451	C32H66	000544-85-4	72
2			Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	64
3			Hexatriacontane	507	C36H74	000630-06-8	64
4			Heptadecane	240	C17H36	000629-78-7	59
5			Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	59



Data Path : S:\HPCHEM1\BNA_F\DATA\BF012315\
Data File : BF077043.D
Acq On : 23 Jan 2015 18:20
Operator : TP/IZ
Sample : G1150-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

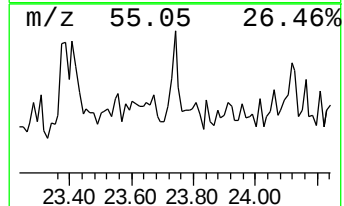
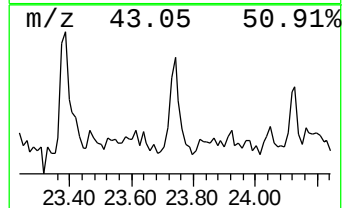
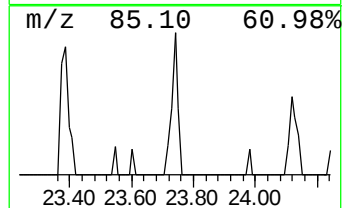
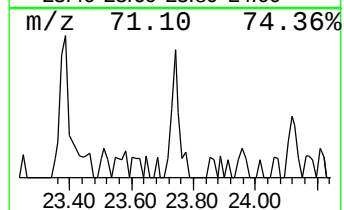
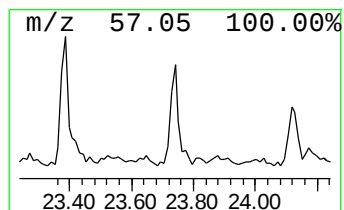
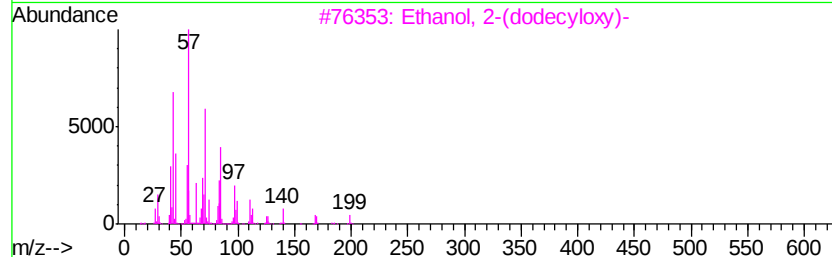
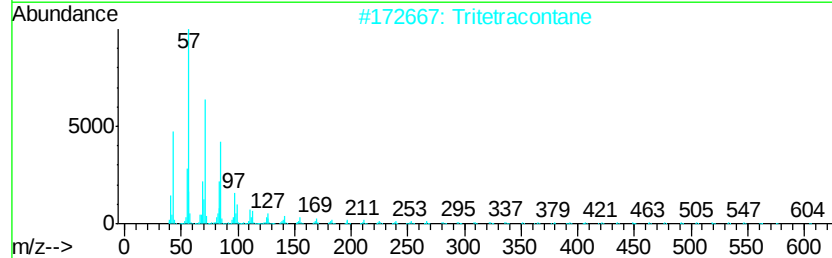
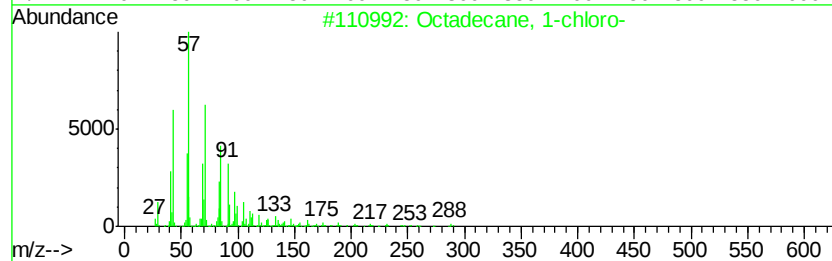
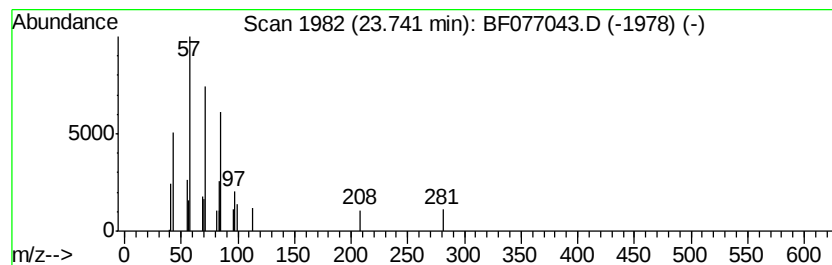
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecane, 1-chloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	3.06 ng	26426	Perylene-d12	22.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	72
2			Tritetracontane	605	C43H88	007098-21-7	72
3			Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	72
4			Docosane	310	C22H46	000629-97-0	53
5			Nonadecane	268	C19H40	000629-92-5	53



Data Path : S:\HPCHEM1\BNA_F\DATA\BF012315\
Data File : BF077043.D
Acq On : 23 Jan 2015 18:20
Operator : TP/IZ
Sample : G1150-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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
unknown7.25	7.25	65.1	ng	400416	1	7.76	123067	20.0
Undecanoic acid	18.64	5.9	ng	58207	4	17.64	197959	20.0
Tetradecanoic acid	19.67	2.4	ng	35596	5	21.15	299756	20.0
Heneicosane, 11-(...	21.55	2.1	ng	32142	5	21.15	299756	20.0
Eicosane	21.92	2.5	ng	37501	5	21.15	299756	20.0
10-Methylnonadecane	22.30	3.8	ng	32969	6	22.78	172683	20.0
Heptacosane, 1-ch...	23.02	3.6	ng	31003	6	22.78	172683	20.0
Dotriacontane	23.39	3.1	ng	26590	6	22.78	172683	20.0
Octadecane, 1-chl...	23.74	3.1	ng	26426	6	22.78	172683	20.0