

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
 Data File : BF087475.D
 Acq On : 28 May 2016 9:28
 Operator : UM/SJ
 Sample : H3258-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-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-BF052316.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	4.742	273	276	294	rBV	139599	461235	10.31%	1.289%
2	5.393	330	333	350	rBV	2609055	4210777	94.13%	11.771%
3	7.050	474	478	480	rVV	2565944	4393887	98.22%	12.282%
4	7.142	483	486	504	rVB	3243199	4473488	100.00%	12.505%
5	7.485	513	516	521	rBV	536760	769513	17.20%	2.151%
6	7.713	533	536	539	rBV	2000060	3208385	71.72%	8.969%
7	8.399	593	596	599	rBV	1813618	2615307	58.46%	7.311%
8	9.508	691	693	707	rVB	638934	963508	21.54%	2.693%
9	11.291	846	849	852	rBV	2808046	4434622	99.13%	12.396%
10	11.988	907	910	915	rBV	366739	475200	10.62%	1.328%
11	12.342	938	941	946	rBV	689211	1026289	22.94%	2.869%
12	13.177	1012	1014	1017	rVB	91638	114627	2.56%	0.320%
13	13.531	1039	1045	1048	rBV	24856	57997	1.30%	0.162%
14	13.634	1051	1054	1057	rBV	1650681	2202668	49.24%	6.157%
15	13.954	1079	1082	1087	rBV	93404	148720	3.32%	0.416%
16	14.685	1143	1146	1148	rBV	46488	56960	1.27%	0.159%
17	14.743	1148	1151	1156	rVB	544015	815101	18.22%	2.278%
18	15.737	1235	1238	1244	rBV	27504	48948	1.09%	0.137%
19	16.948	1341	1344	1346	rBV	193562	209181	4.68%	0.585%
20	17.051	1351	1353	1354	rBV	48727	45945	1.03%	0.128%
21	17.097	1354	1357	1360	rVB	2711783	3055681	68.31%	8.542%
22	17.874	1423	1425	1427	rBV	133996	134626	3.01%	0.376%
23	18.400	1468	1471	1472	rVV	119287	270274	6.04%	0.756%
24	18.434	1472	1474	1479	rVB	557184	785133	17.55%	2.195%
25	19.863	1597	1599	1601	rBV	40871	47132	1.05%	0.132%
26	20.114	1618	1621	1624	rBV	364651	483864	10.82%	1.353%
27	20.206	1626	1629	1631	rBV	43923	56694	1.27%	0.158%
28	20.549	1657	1659	1663	rBV	36659	53986	1.21%	0.151%
29	20.949	1690	1694	1699	rVB2	34461	93157	2.08%	0.260%
30	21.395	1729	1733	1736	rBV	27690	61003	1.36%	0.171%

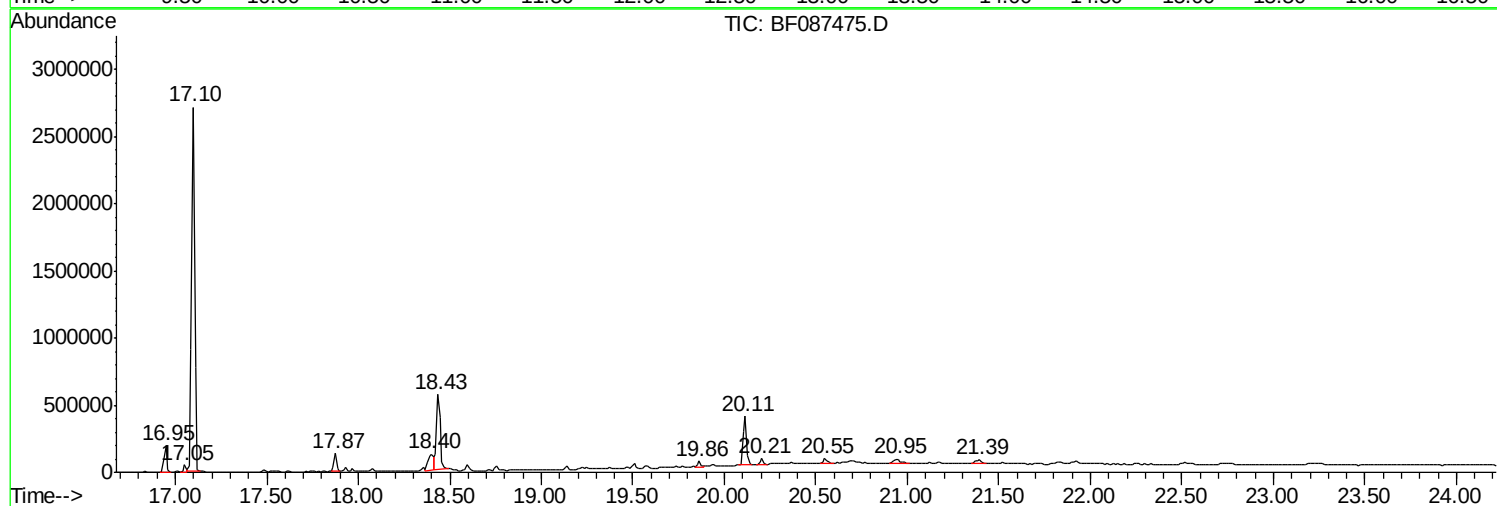
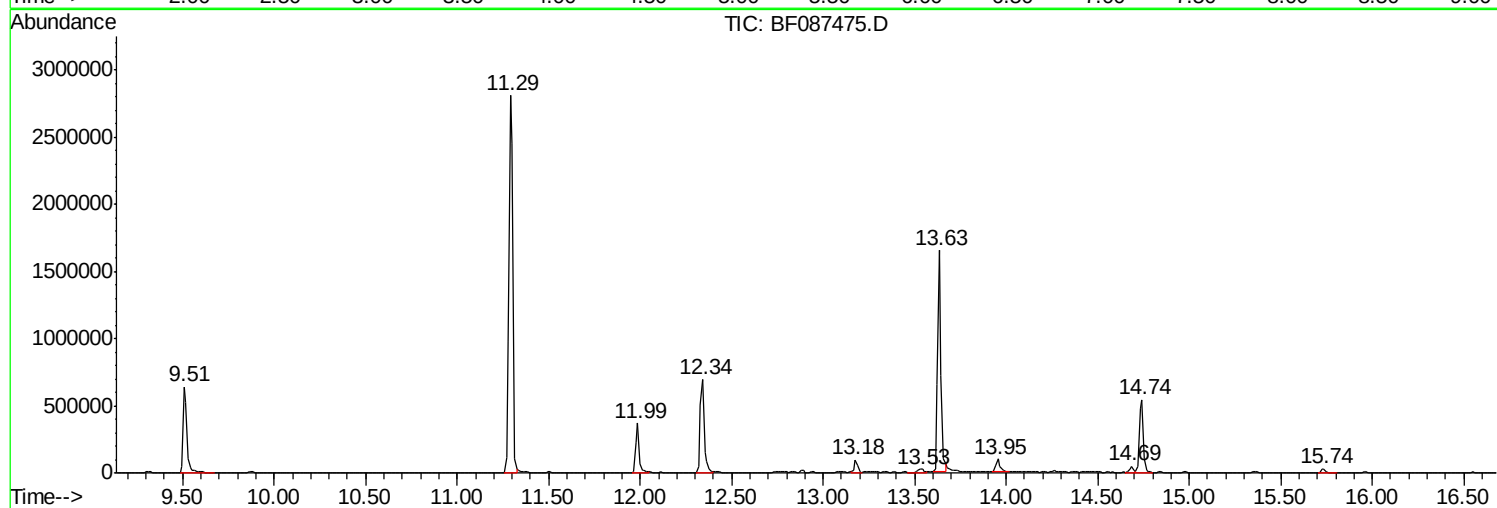
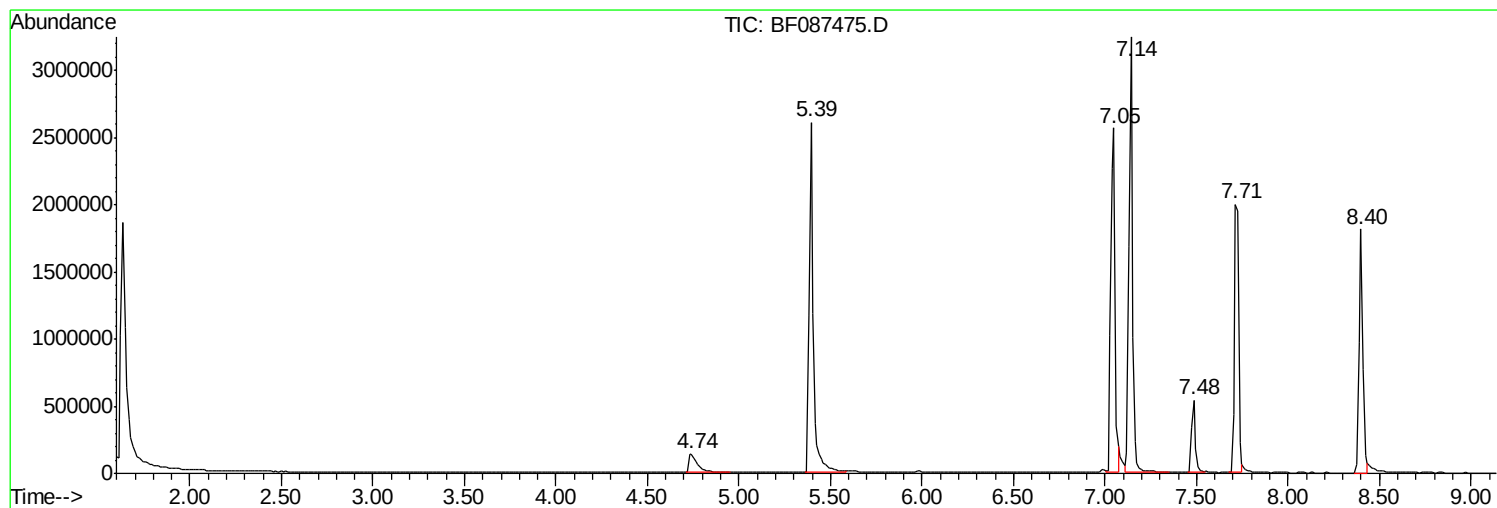
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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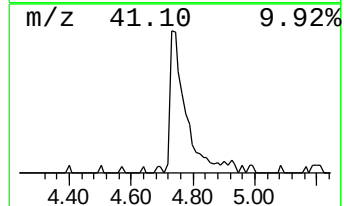
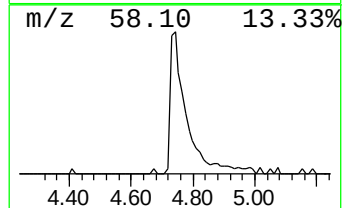
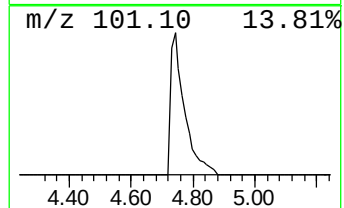
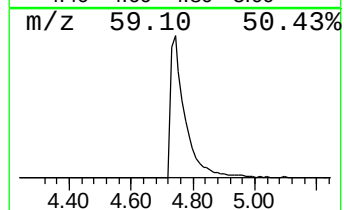
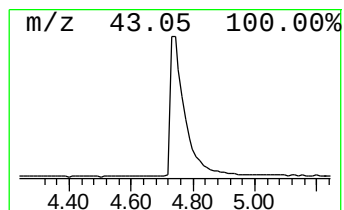
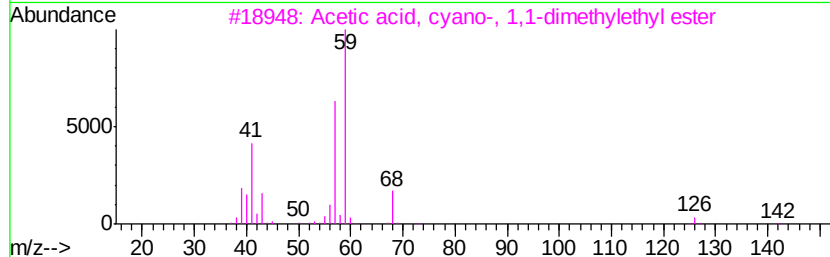
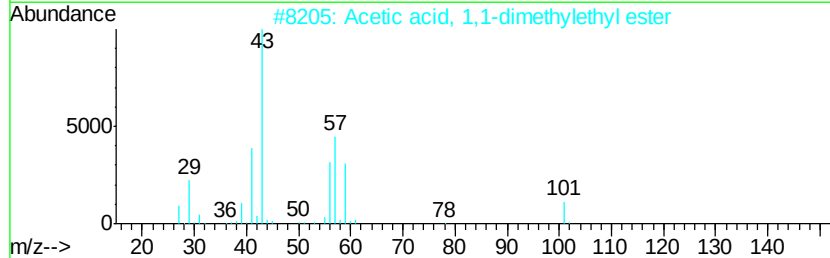
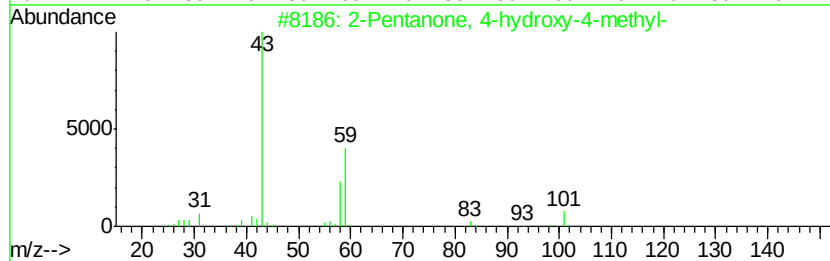
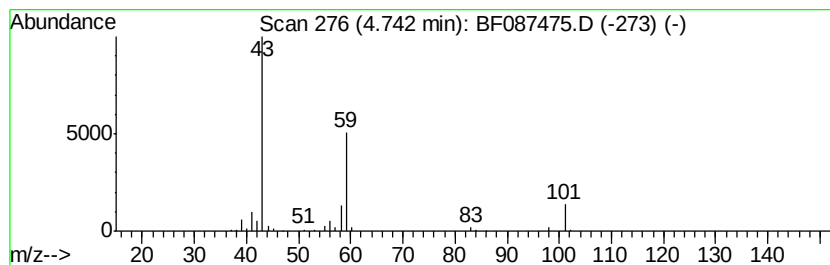
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	11.99 ng	461235	1,4-Dichlorobenzene-d4	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5		Butane	58	C4H10	000106-97-8	9



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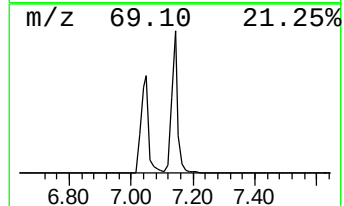
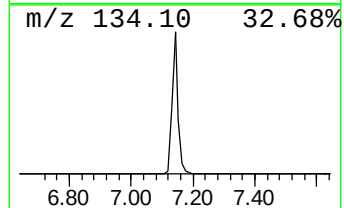
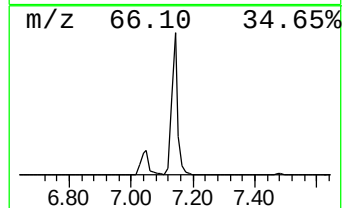
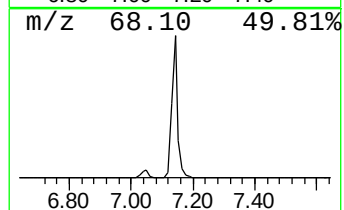
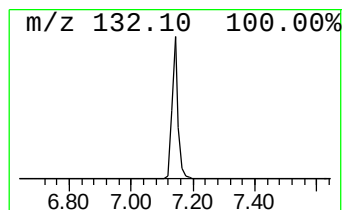
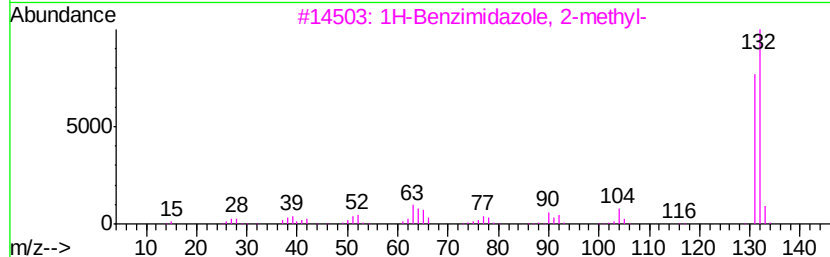
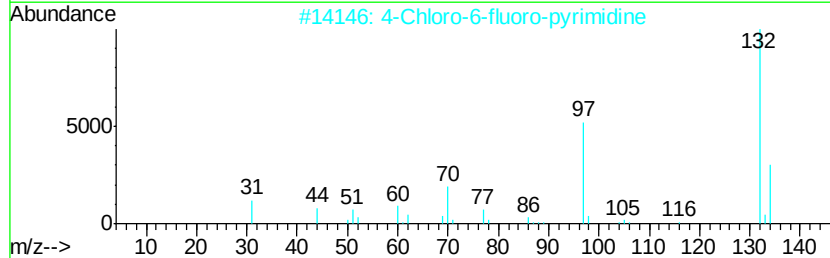
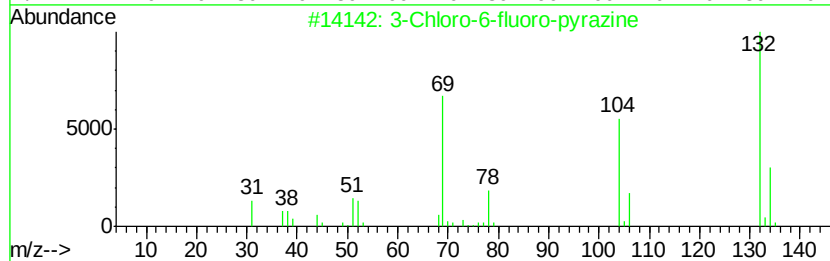
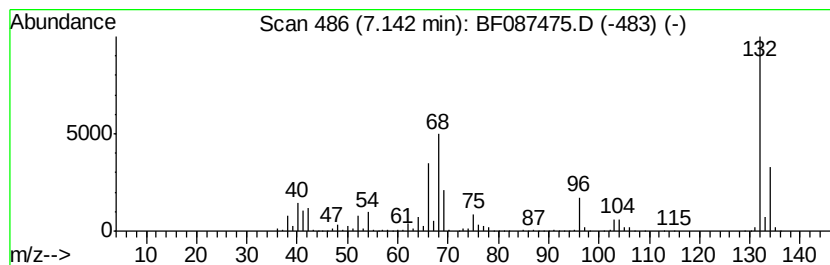
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Peak Number 2 unknown7.14 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	116.27 ng	4473490	1,4-Dichlorobenzene-d4	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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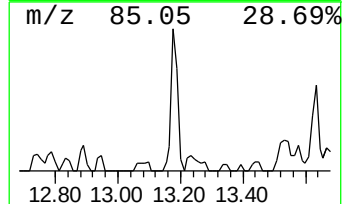
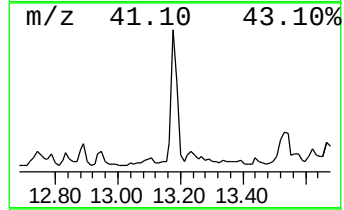
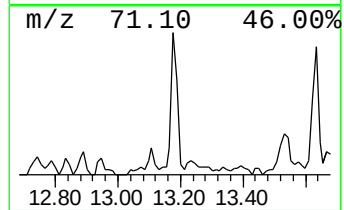
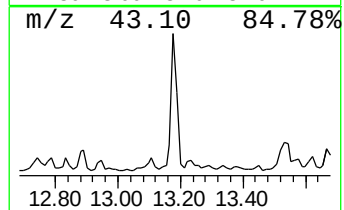
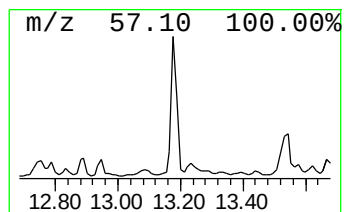
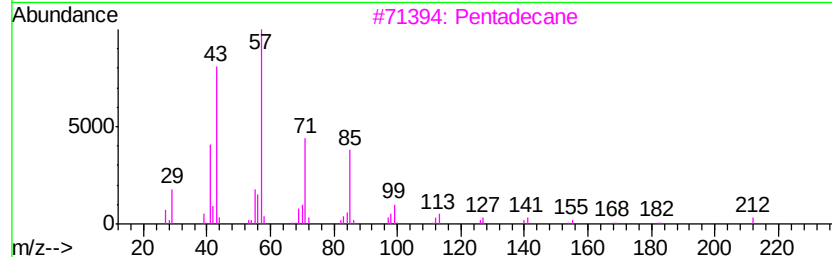
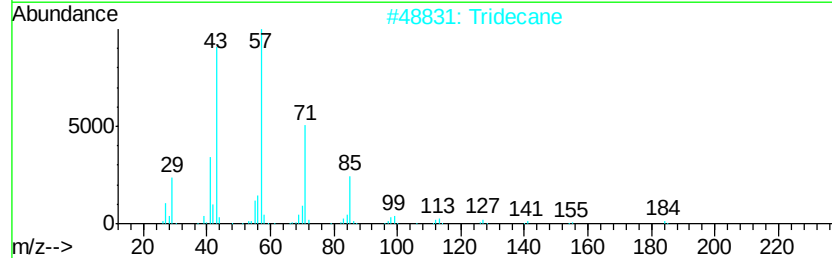
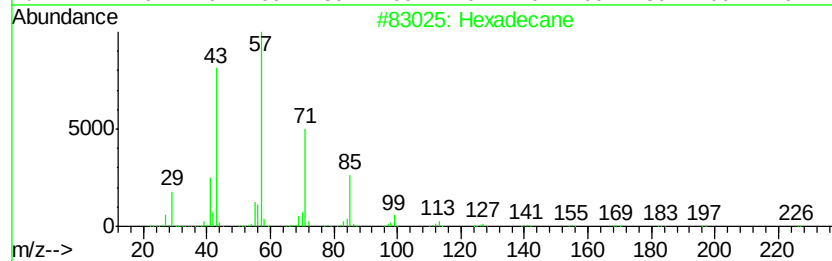
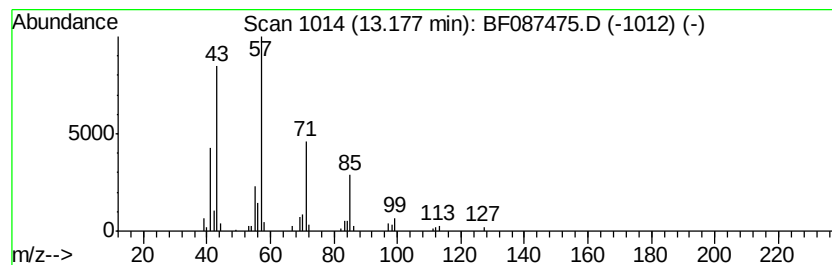
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	2.23 ng	114627	Acenaphthene-d10	12.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Tridecane	184	C13H28	000629-50-5	90
3		Pentadecane	212	C15H32	000629-62-9	78
4		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	78
5		Nonadecane	268	C19H40	000629-92-5	72



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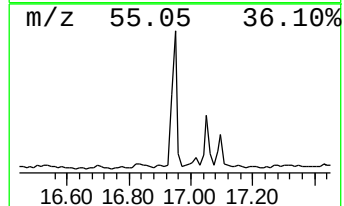
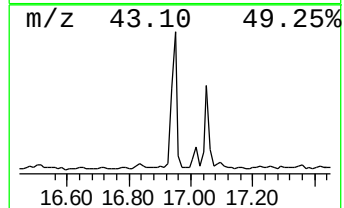
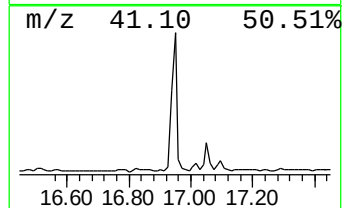
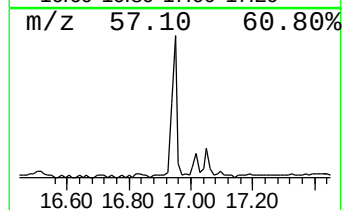
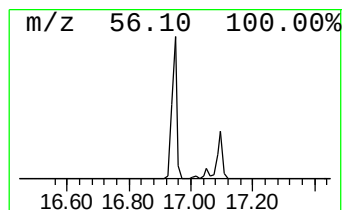
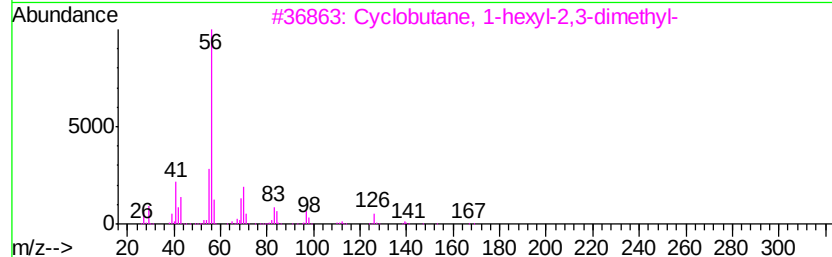
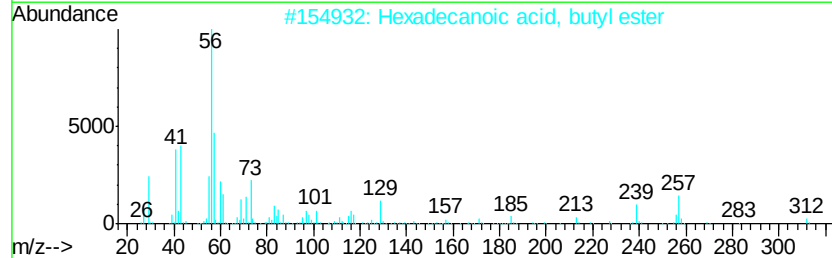
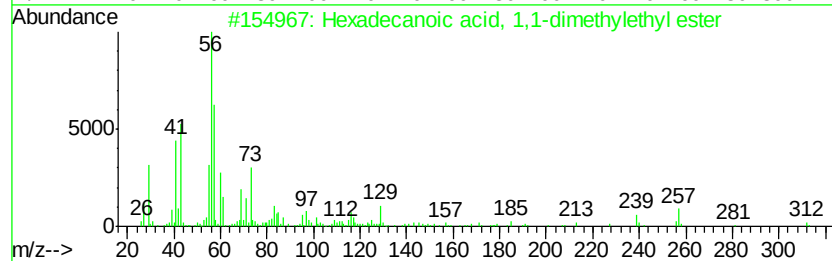
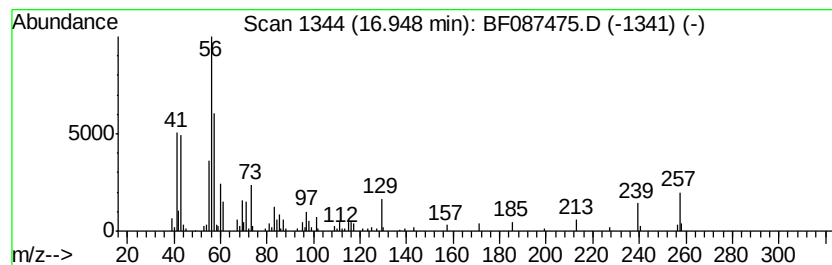
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TIC Library : C:\Database\NIST11.L
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Peak Number 6 Hexadecanoic acid, 1,1-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	5.33 ng	209181	Chrysene-d12	18.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	83
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	83
3		Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	35
4		Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35
5		1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	27



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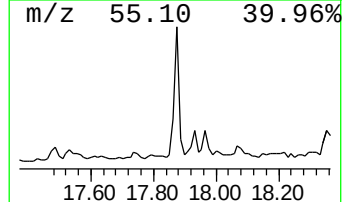
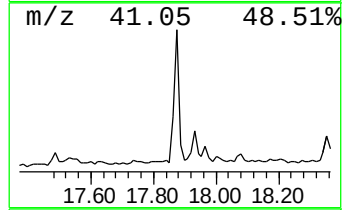
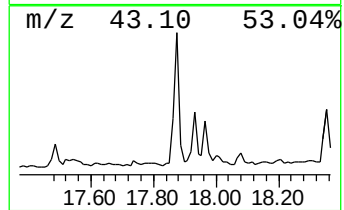
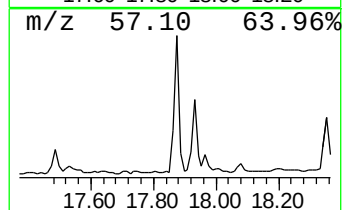
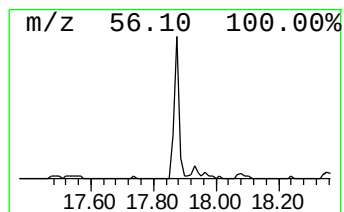
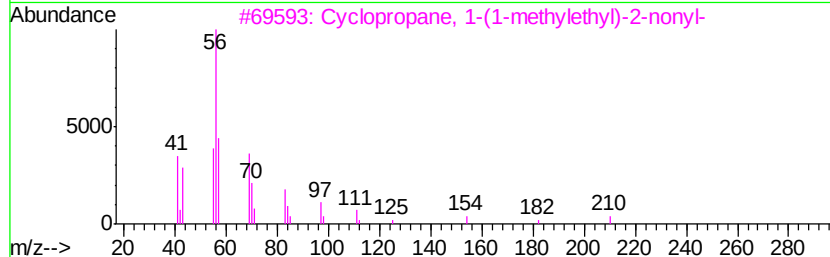
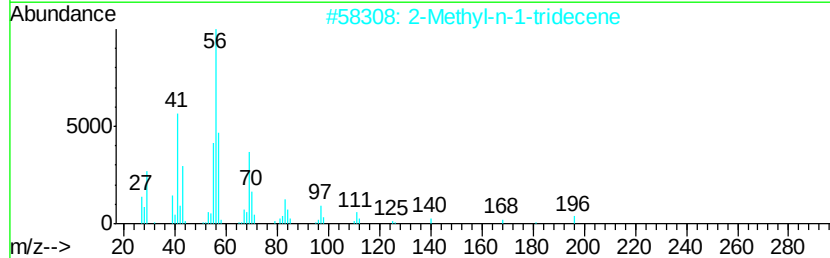
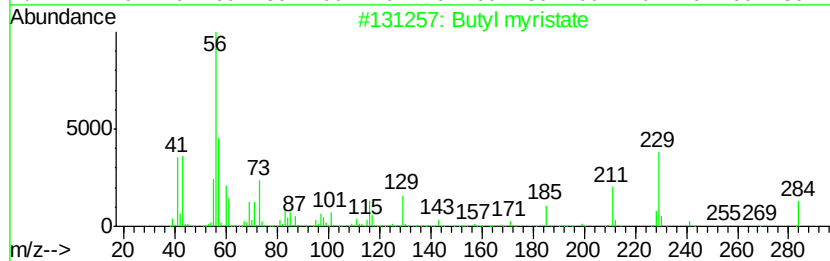
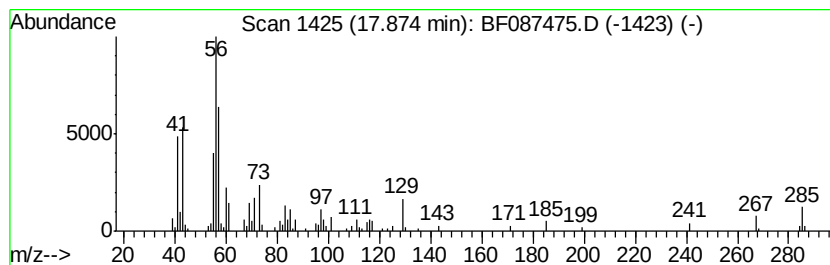
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Peak Number 7 Butyl myristate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.87	3.43 ng	134626	Chrysene-d12	18.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl myristate	284	C18H36O2	000110-36-1	86
2	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	38
3	Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	38
4	Octadecanoic acid	284	C18H36O2	000057-11-4	38
5	5-Methyl-2-hexanol, chlorodifluo...	228	C9H15ClF2O2	1000376-27-1	38



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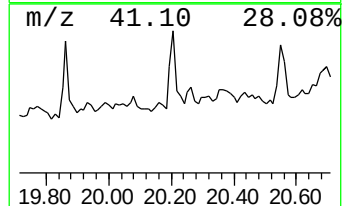
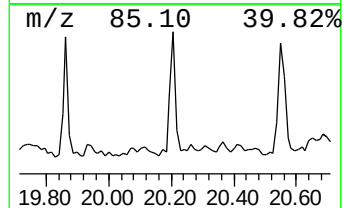
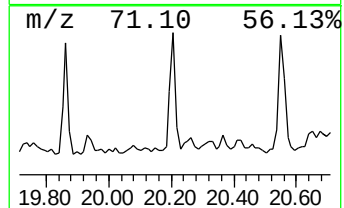
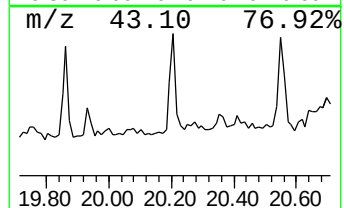
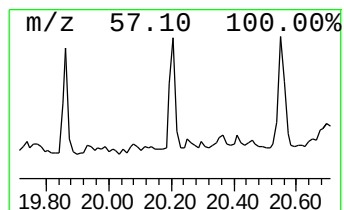
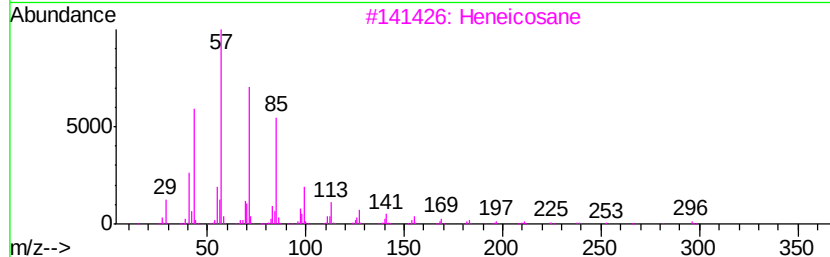
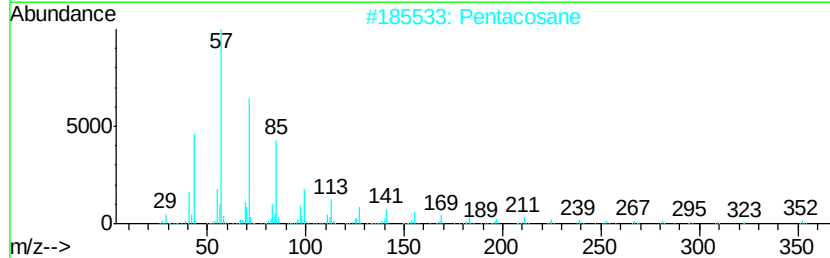
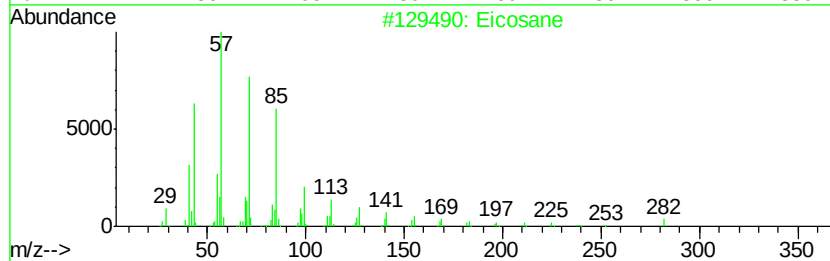
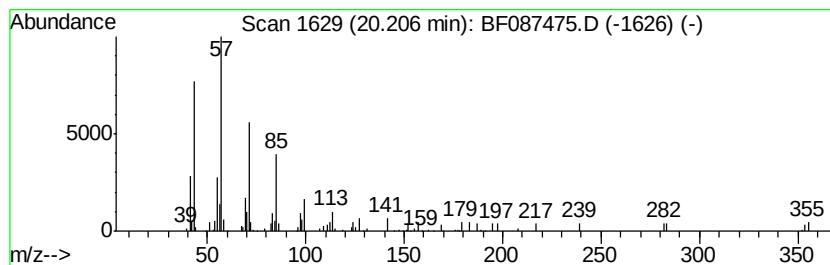
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.21	2.34 ng	56694	Perylene-d12	20.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	93
2	Pentacosane		352	C25H52	000629-99-2	91
3	Heneicosane		296	C21H44	000629-94-7	87
4	Hexacosane		366	C26H54	000630-01-3	87
5	Docosane		310	C22H46	000629-97-0	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
Data File : BF087475.D
Acq On : 28 May 2016 9:28
Operator : UM/SJ
Sample : H3258-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-2

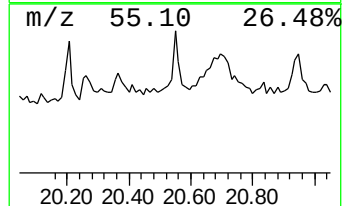
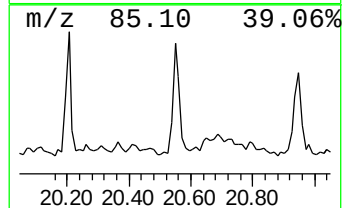
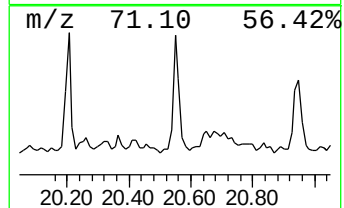
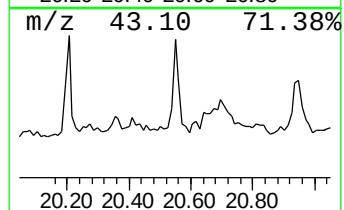
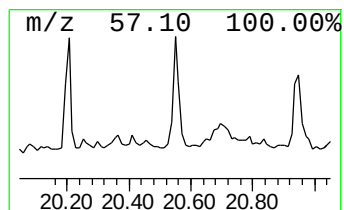
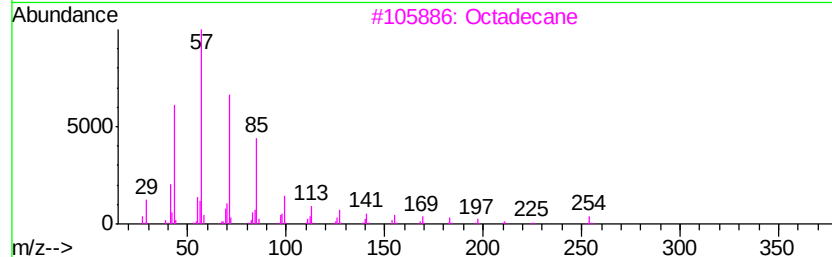
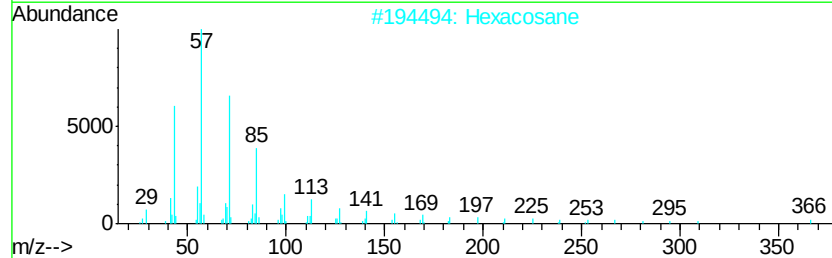
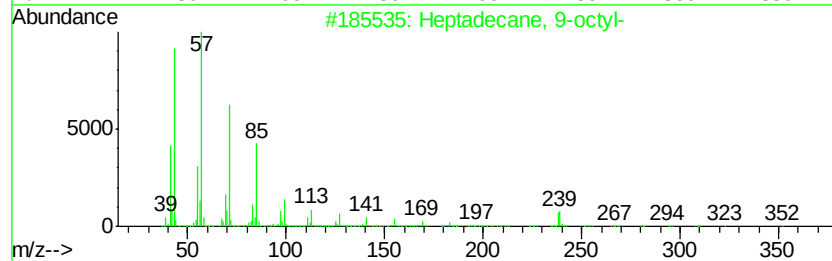
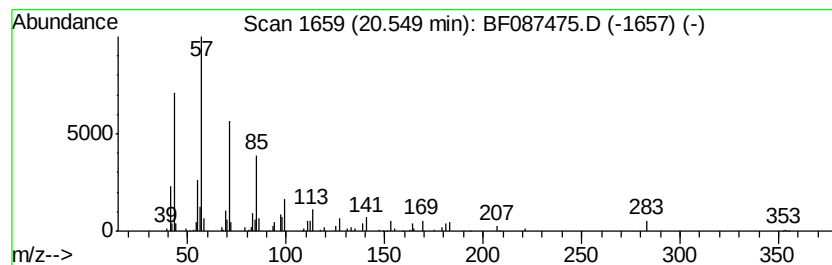
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane, 9-octyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
20.55	2.23 ng	53986	Perylene-d12		20.11

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2			Hexacosane	366	C26H54	000630-01-3	90
3			Octadecane	254	C18H38	000593-45-3	86
4			Tetracosane	338	C24H50	000646-31-1	86
5			Pentacosane	352	C25H52	000629-99-2	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
Data File : BF087475.D
Acq On : 28 May 2016 9:28
Operator : UM/SJ
Sample : H3258-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-2

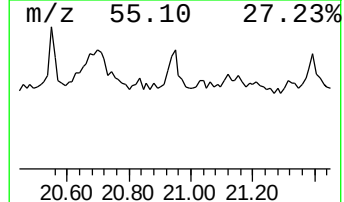
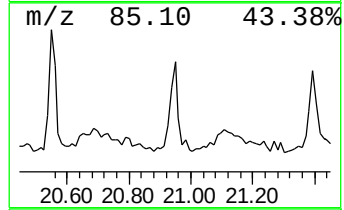
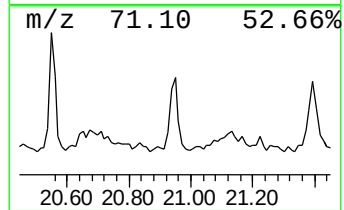
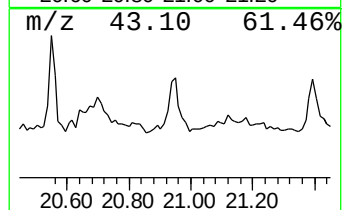
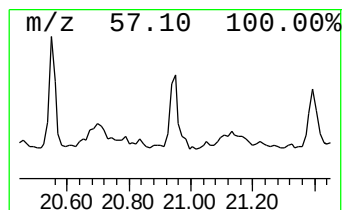
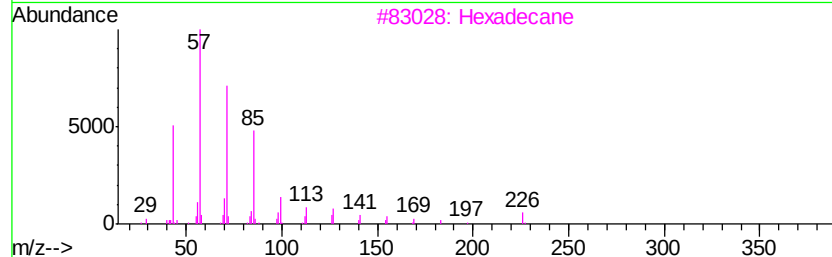
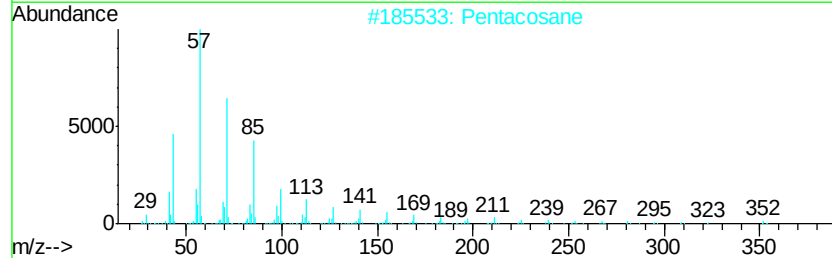
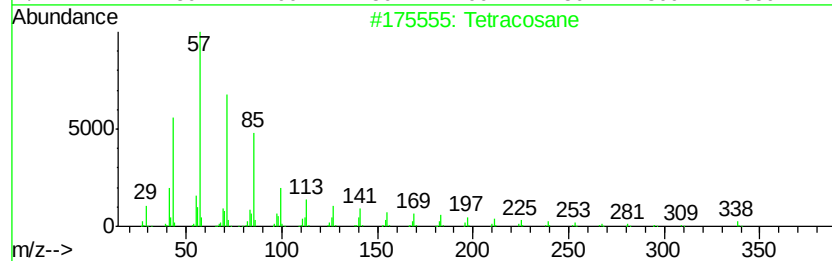
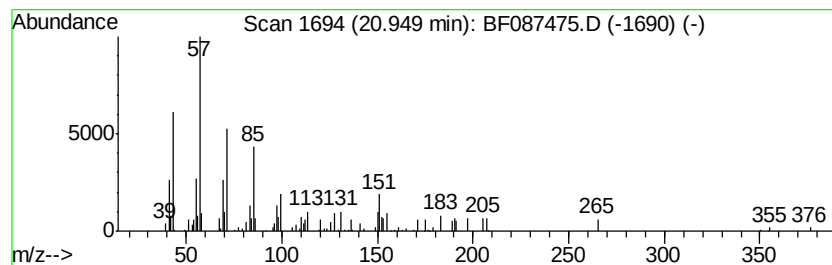
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	3.85 ng	93157	Perylene-d12	20.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	58
2		Pentacosane	352	C25H52	000629-99-2	58
3		Hexadecane	226	C16H34	000544-76-3	52
4		Heneicosane	296	C21H44	000629-94-7	52
5		Octadecane	254	C18H38	000593-45-3	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
Data File : BF087475.D
Acq On : 28 May 2016 9:28
Operator : UM/SJ
Sample : H3258-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

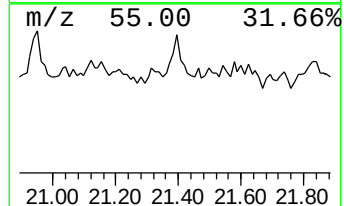
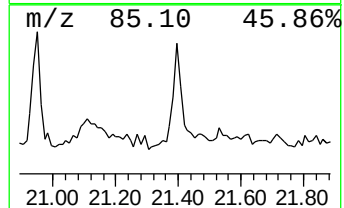
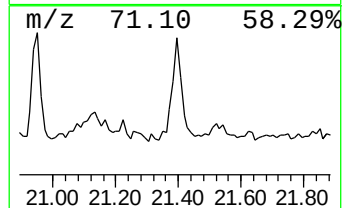
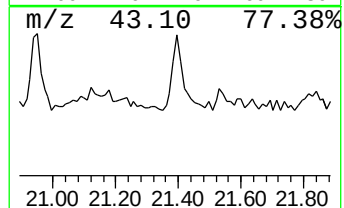
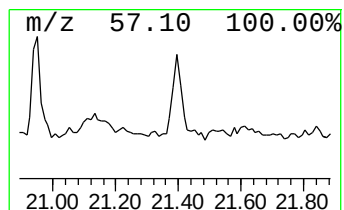
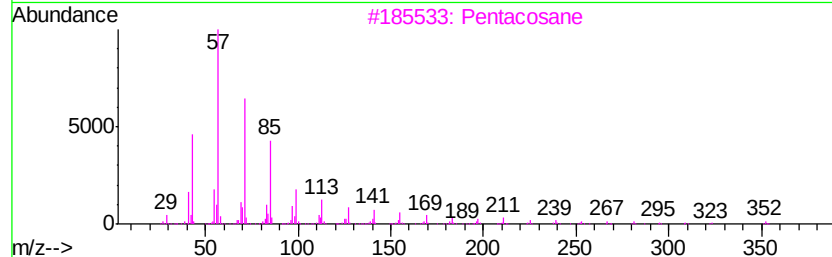
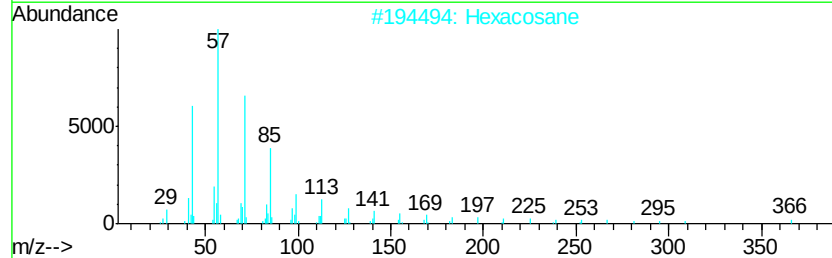
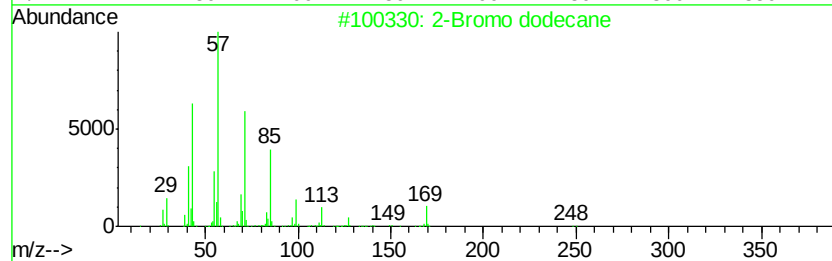
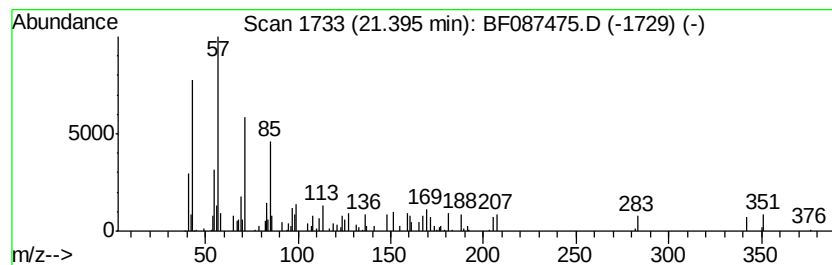
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2-Bromo dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	2.52 ng	61003	Perylene-d12	20.11
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0 72
2	Hexacosane	366	C26H54	000630-01-3 72
3	Pentacosane	352	C25H52	000629-99-2 72
4	Hexatriacontane	507	C36H74	000630-06-8 64
5	Hentriacontane	437	C31H64	000630-04-6 64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
Data File : BF087475.D
Acq On : 28 May 2016 9:28
Operator : UM/SJ
Sample : H3258-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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
2-Pentanone, 4-hy...	4.74	12.0	ng	461235	1	7.48	769513	20.0
unknown7.14	7.14	116.3	ng	4473490	1	7.48	769513	20.0
Hexadecane	13.18	2.2	ng	114627	3	12.34	1026290	20.0
Hexadecanoic acid...	16.95	5.3	ng	209181	5	18.43	785133	20.0
Butyl myristate	17.87	3.4	ng	134626	5	18.43	785133	20.0
Eicosane	20.21	2.3	ng	56694	6	20.11	483864	20.0
Heptadecane, 9-oc...	20.55	2.2	ng	53986	6	20.11	483864	20.0
Tetracosane	20.95	3.9	ng	93157	6	20.11	483864	20.0
2-Bromo dodecane	21.39	2.5	ng	61003	6	20.11	483864	20.0