

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094621.D
 Acq On : 25 Apr 2017 22:26
 Operator : SJ/MA
 Sample : I2811-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-001-C

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-BF041717.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	3.913	332	336	345	rBV	303378	384908	9.83%	1.162%
2	4.307	398	403	406	rBV	3452598	3518968	89.86%	10.623%
3	5.390	581	587	598	rBV	3059176	3915908	100.00%	11.822%
4	5.507	602	607	611	rBV	3481345	3755744	95.91%	11.338%
5	5.754	645	649	653	rBV	872537	752641	19.22%	2.272%
6	5.931	675	679	683	rBV	2917317	2948316	75.29%	8.901%
7	6.407	754	760	763	rBV	2248963	2322134	59.30%	7.010%
8	6.466	768	770	776	rVB	67093	64168	1.64%	0.194%
9	6.990	855	859	865	rBV2	33391	39633	1.01%	0.120%
10	7.248	899	903	905	rBV	1080875	970265	24.78%	2.929%
11	7.272	905	907	910	rVB	139105	109736	2.80%	0.331%
12	7.807	993	998	1004	rBV2	59738	65391	1.67%	0.197%
13	8.013	1030	1033	1037	rVB	132496	120002	3.06%	0.362%
14	8.572	1120	1128	1131	rBV	3838906	3819638	97.54%	11.531%
15	8.707	1149	1151	1156	rBV	115675	111757	2.85%	0.337%
16	9.072	1209	1213	1216	rBV	292724	278820	7.12%	0.842%
17	9.207	1233	1236	1242	rBV	33433	43637	1.11%	0.132%
18	9.384	1259	1266	1270	rBV	902600	1048297	26.77%	3.165%
19	9.636	1306	1309	1315	rBV3	25082	41310	1.05%	0.125%
20	9.978	1364	1367	1372	rBV	121348	115258	2.94%	0.348%
21	10.254	1409	1414	1417	rBV2	54808	60242	1.54%	0.182%
22	10.360	1427	1432	1437	rBV	1662597	1758412	44.90%	5.308%
23	10.566	1463	1467	1469	rBV	128100	154369	3.94%	0.466%
24	11.119	1558	1561	1564	rVB	109358	102330	2.61%	0.309%
25	11.154	1564	1567	1571	rVB2	50386	54315	1.39%	0.164%
26	11.201	1571	1575	1578	rBV	807106	813624	20.78%	2.456%
27	11.230	1578	1580	1584	rVV	253345	212806	5.43%	0.642%
28	11.295	1588	1591	1594	rVB	58105	59182	1.51%	0.179%
29	11.507	1623	1627	1633	rBV3	23849	44680	1.14%	0.135%
30	11.642	1648	1650	1656	rVB	70402	74303	1.90%	0.224%
31	11.825	1678	1681	1684	rBV	43924	48483	1.24%	0.146%
32	11.860	1684	1687	1693	rVB	64745	75109	1.92%	0.227%
33	11.942	1695	1701	1702	rBV3	64414	84957	2.17%	0.256%
34	11.960	1702	1704	1707	rVB	55974	51677	1.32%	0.156%

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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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35	12.148	1733	1736	1741	rVB	60882	62116	1.59%	0.188%
36	12.507	1794	1797	1800	rBV3	54230	63475	1.62%	0.192%
37	12.630	1816	1818	1821	rVB	80925	72243	1.84%	0.218%
38	12.695	1825	1829	1833	rVB	335335	340821	8.70%	1.029%
39	12.966	1872	1875	1879	rVB	307591	340445	8.69%	1.028%
40	13.089	1894	1896	1899	rVB	60953	59600	1.52%	0.180%
41	13.183	1907	1912	1916	rBV	2303811	2815361	71.90%	8.499%
42	13.530	1969	1971	1976	rVB	75336	79260	2.02%	0.239%
43	14.454	2124	2128	2132	rBV2	671406	826212	21.10%	2.494%
44	16.089	2403	2406	2411	rVB	423317	444649	11.35%	1.342%

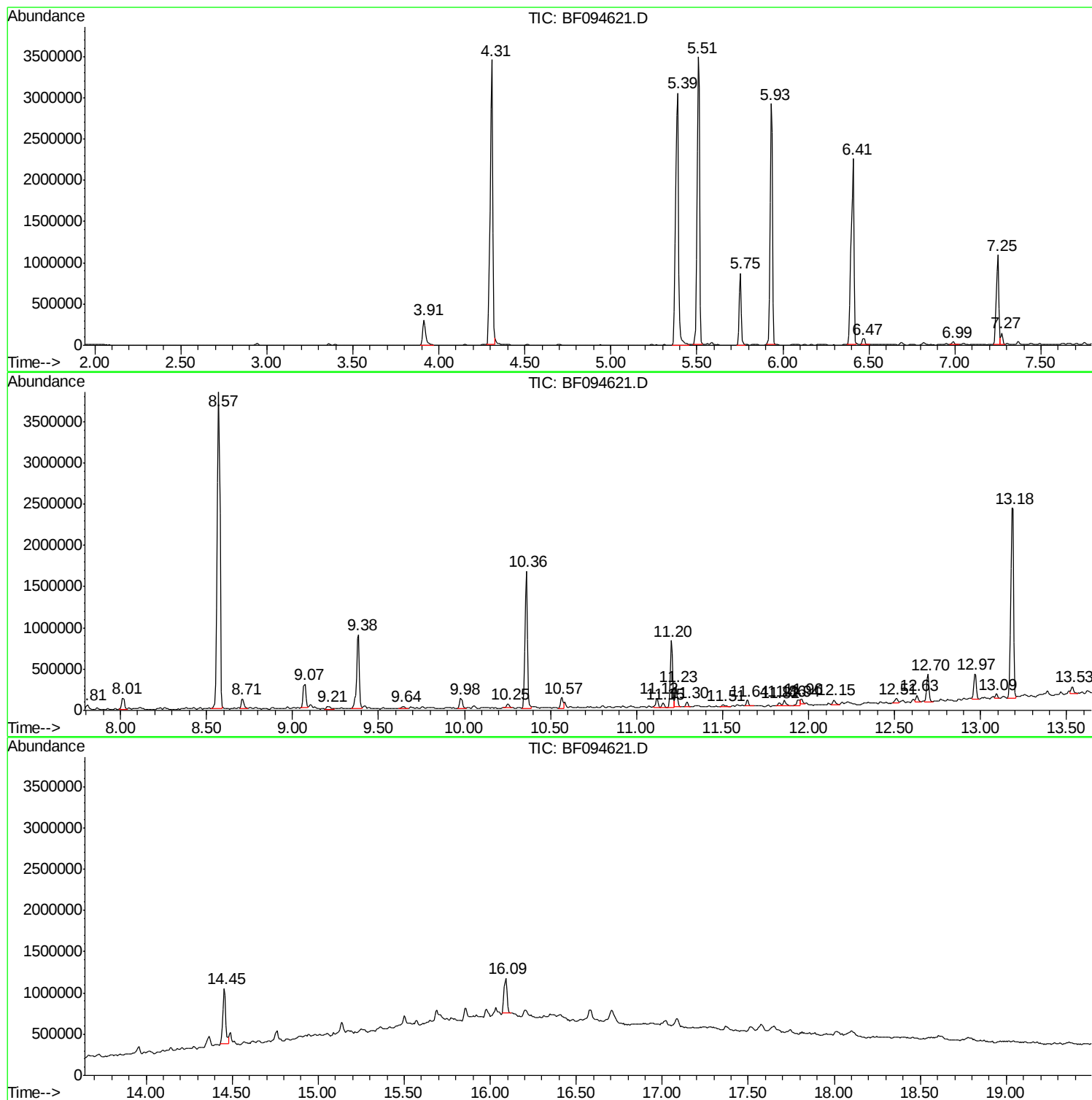
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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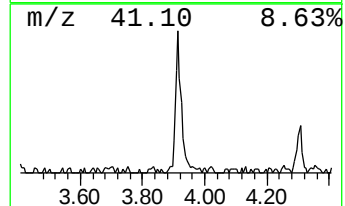
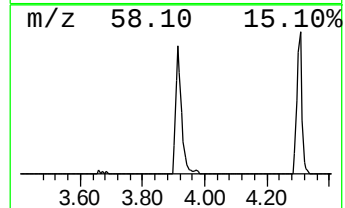
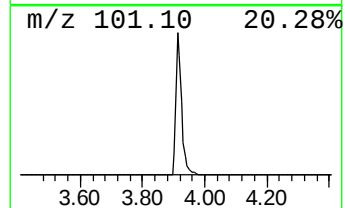
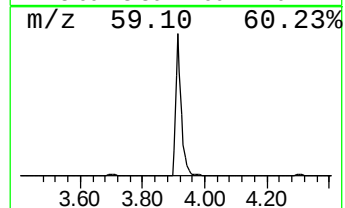
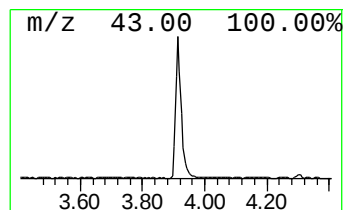
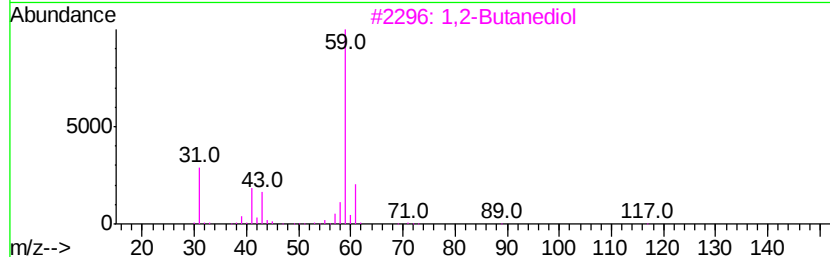
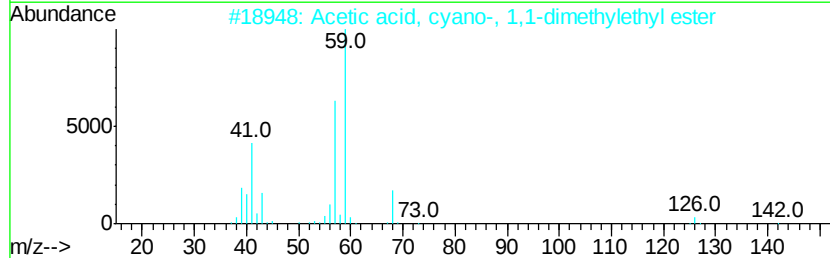
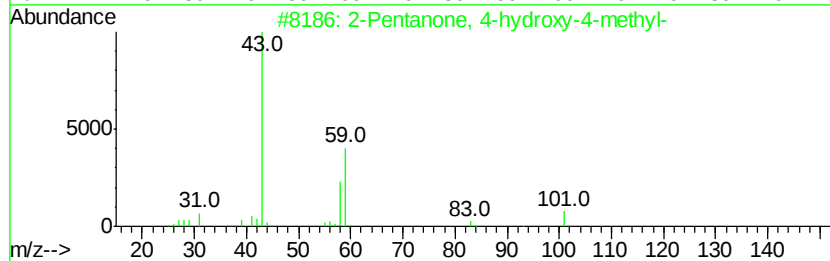
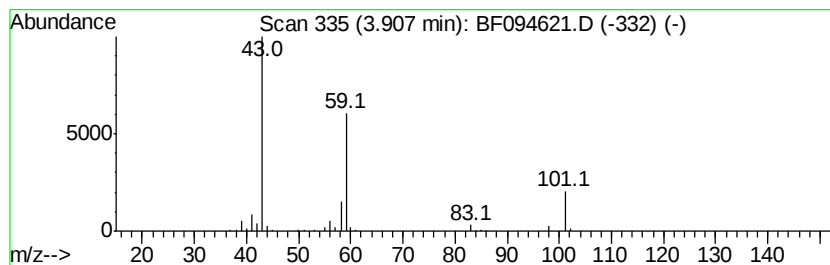
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	10.23 ng	384908	1,4-Dichlorobenzene-d4	5.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3		1,2-Butanediol	90	C4H10O2	000584-03-2	23
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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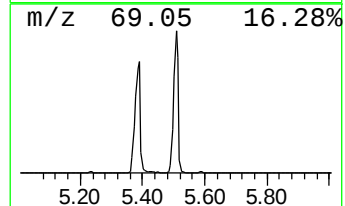
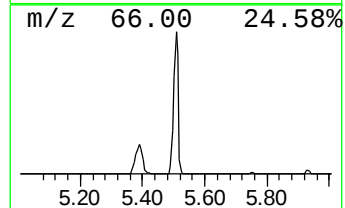
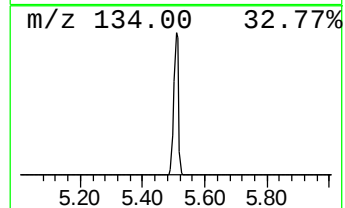
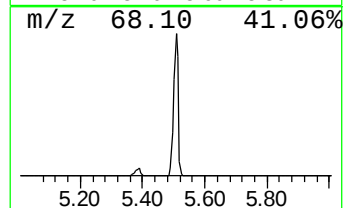
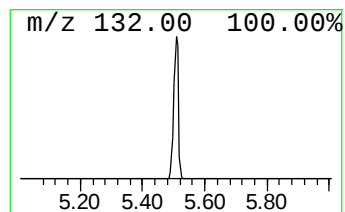
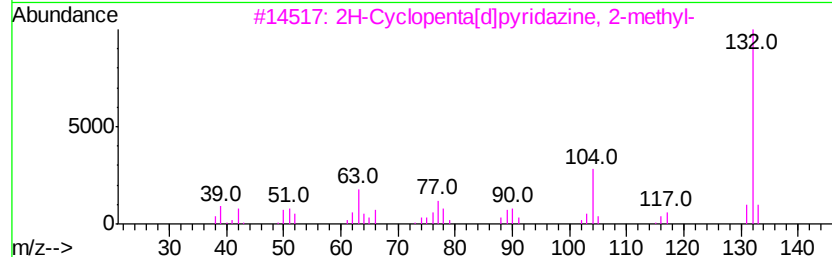
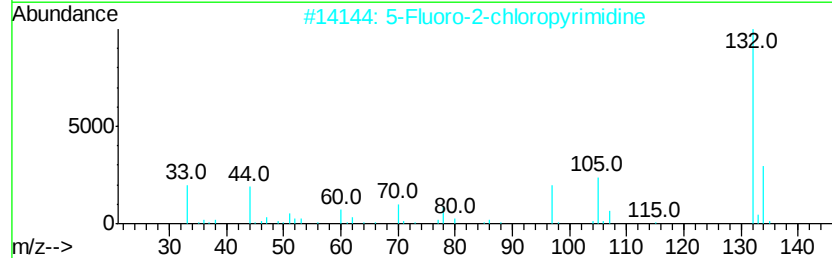
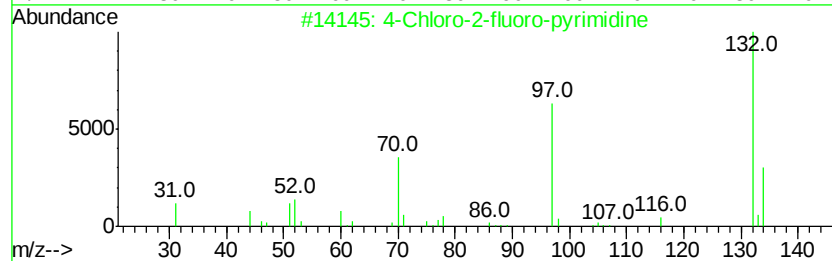
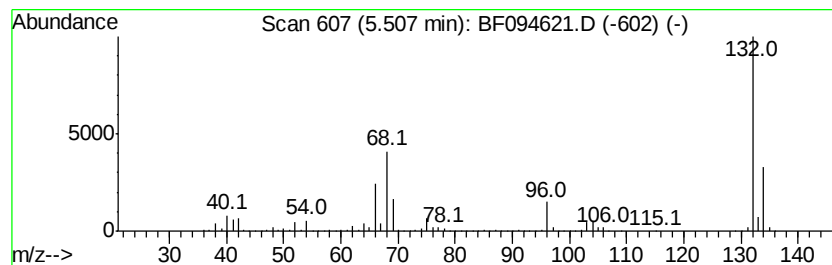
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Peak Number 2 unknown5.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.51	99.80 ng	3755740	1,4-Dichlorobenzene-d4	5.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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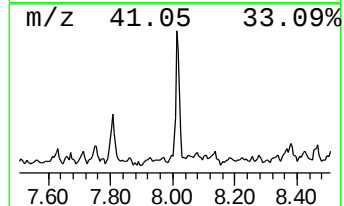
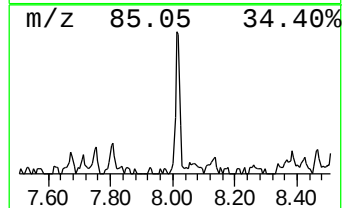
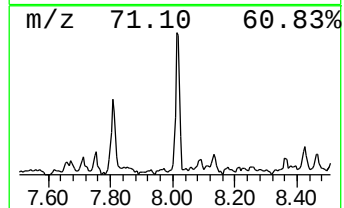
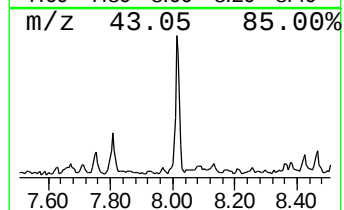
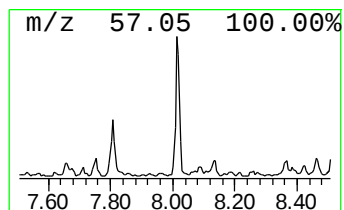
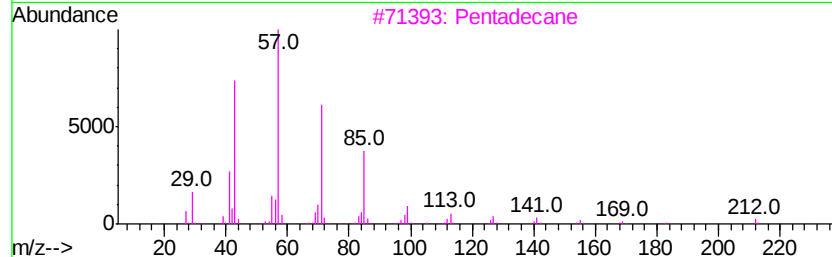
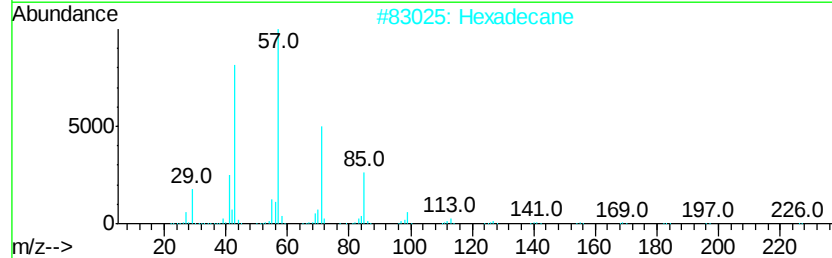
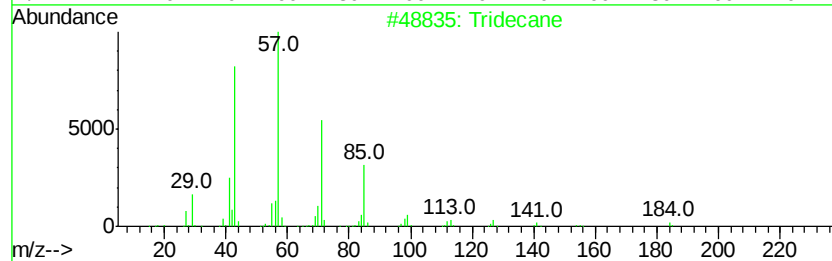
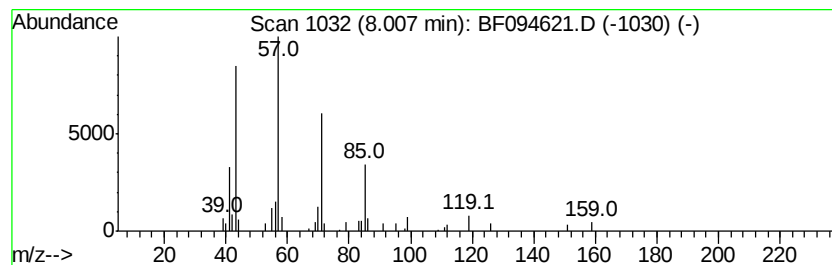
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	2.47 ng	120002	Napthalene-d8	7.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	91
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane	212	C15H32	000629-62-9	83
4		Decane, 5-propyl-	184	C13H28	017312-62-8	72
5		Tetradecane	198	C14H30	000629-59-4	64



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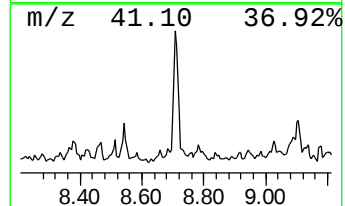
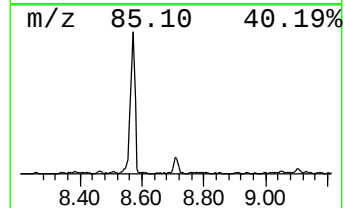
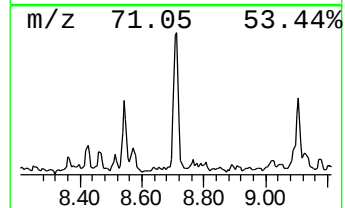
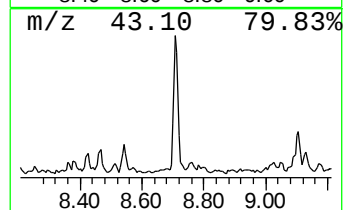
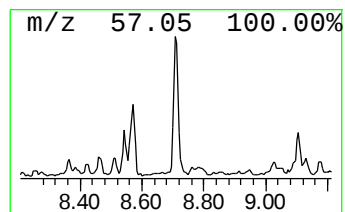
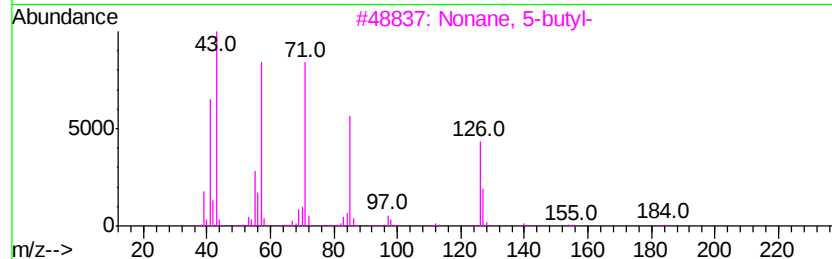
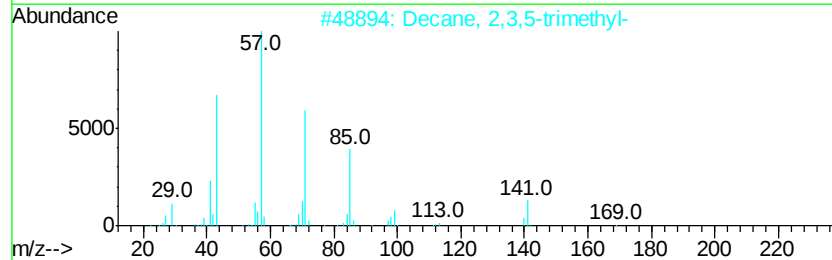
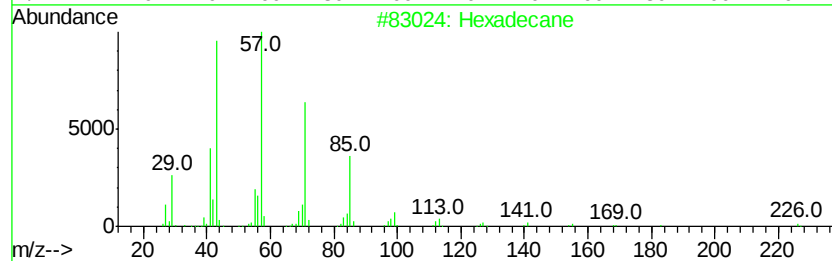
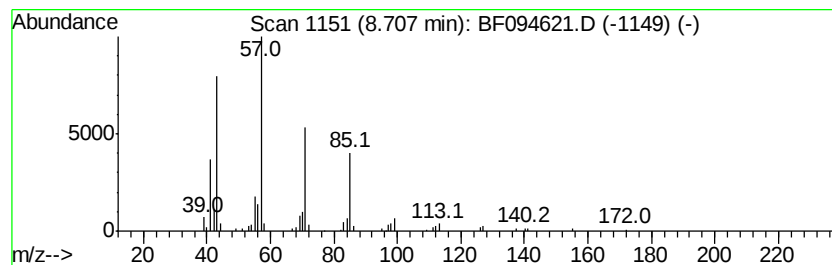
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	2.13 ng	111757	Acenaphthene-d10	9.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	83
3	Nonane, 5-butyl-		184	C13H28	017312-63-9	80
4	9-methylheptadecane		254	C18H38	026741-18-4	80
5	Tetradecane		198	C14H30	000629-59-4	80



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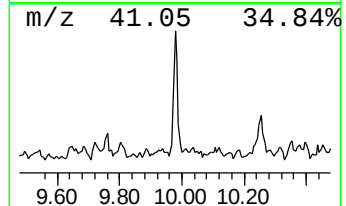
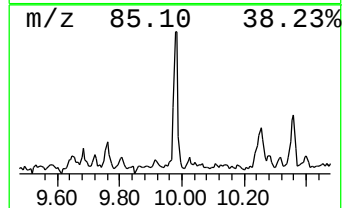
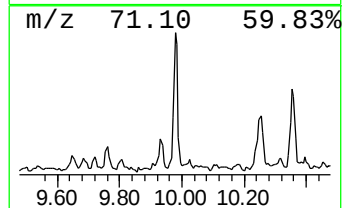
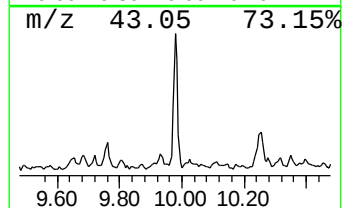
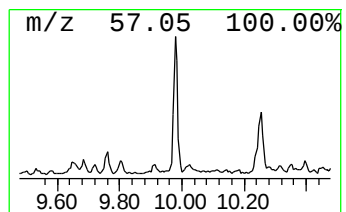
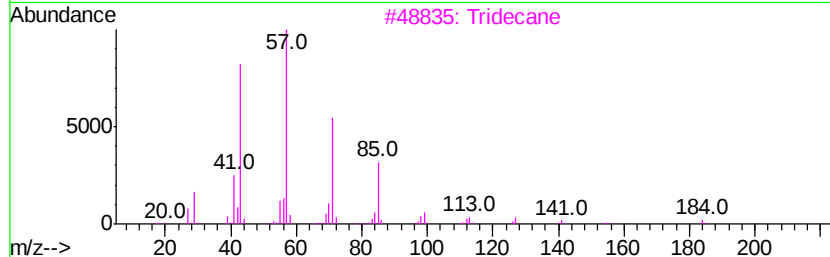
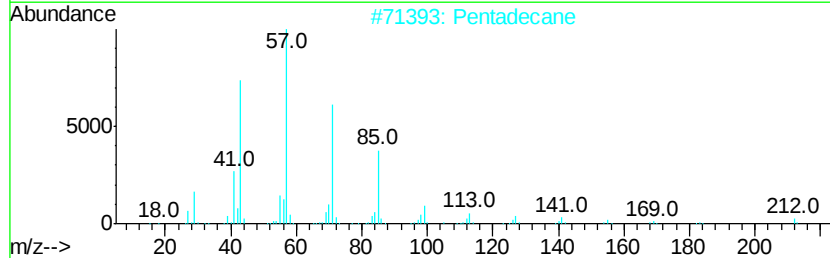
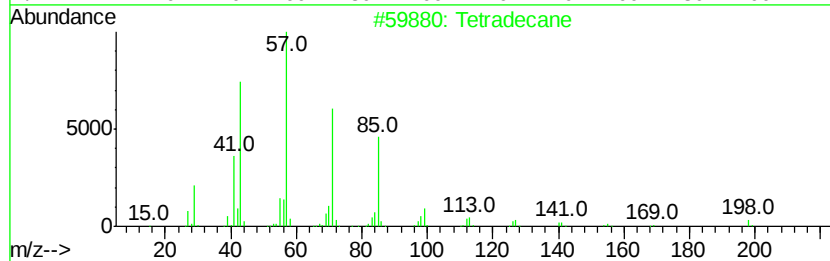
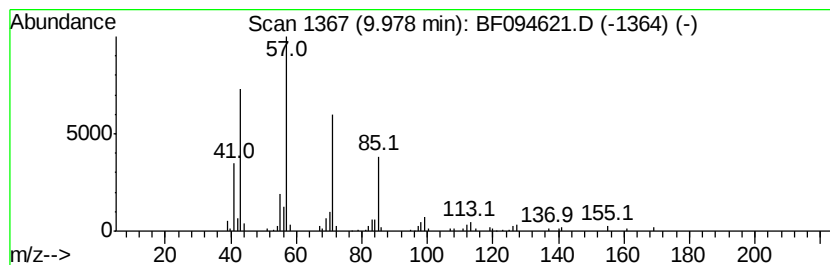
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	2.20 ng	115258	Acenaphthene-d10	9.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Pentadecane	212	C15H32	000629-62-9	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Hexadecane	226	C16H34	000544-76-3	80
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042517\
Data File : BF094621.D
Acq On : 25 Apr 2017 22:26
Operator : SJ/MA
Sample : I2811-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

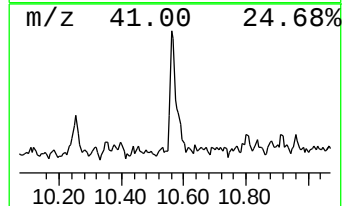
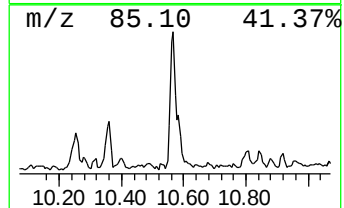
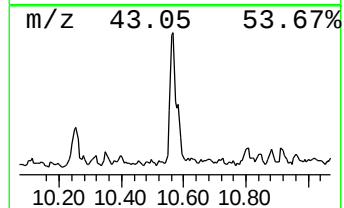
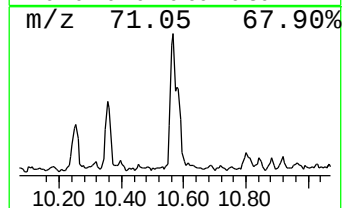
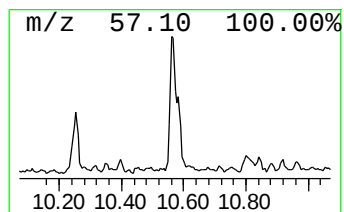
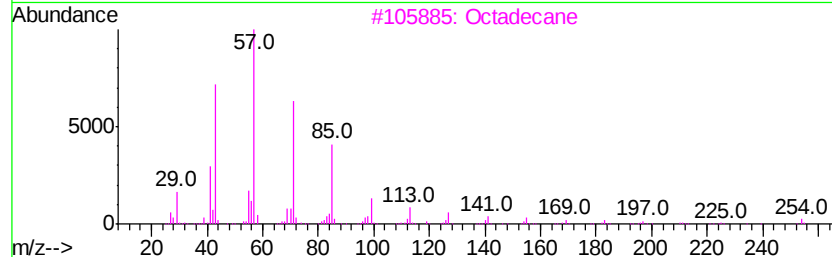
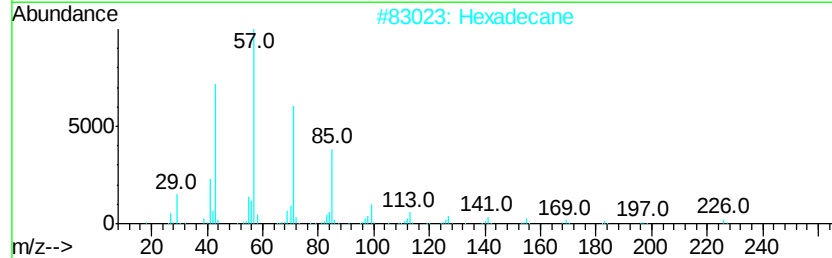
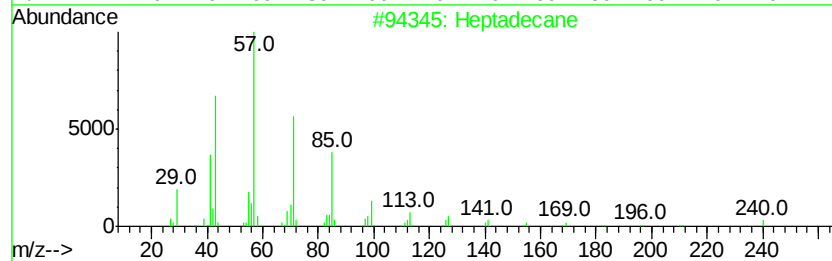
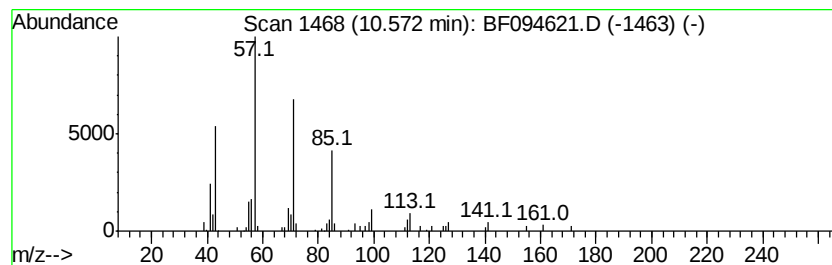
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	3.79 ng	154369	Phenanthrene-d10	11.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Hexadecane		226	C16H34	000544-76-3	91
3	Octadecane		254	C18H38	000593-45-3	91
4	Heptacosane		380	C27H56	000593-49-7	91
5	Heneicosane		296	C21H44	000629-94-7	91



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Acq On : 25 Apr 2017 22:26
Operator : SJ/MA
Sample : I2811-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

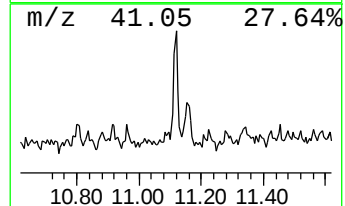
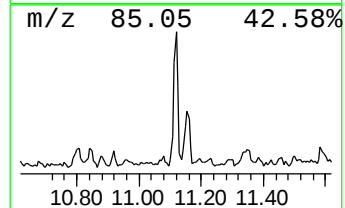
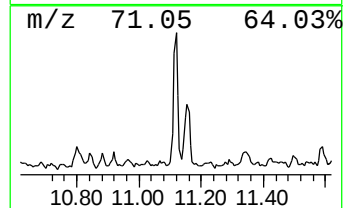
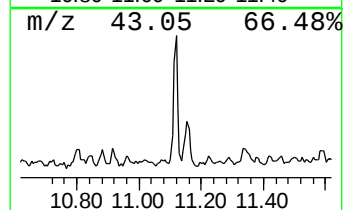
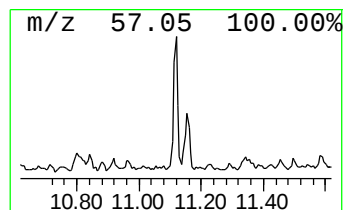
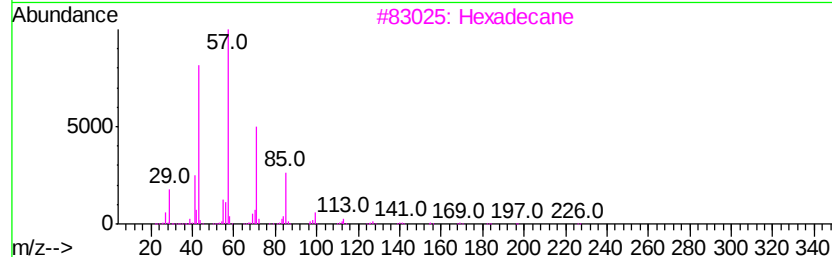
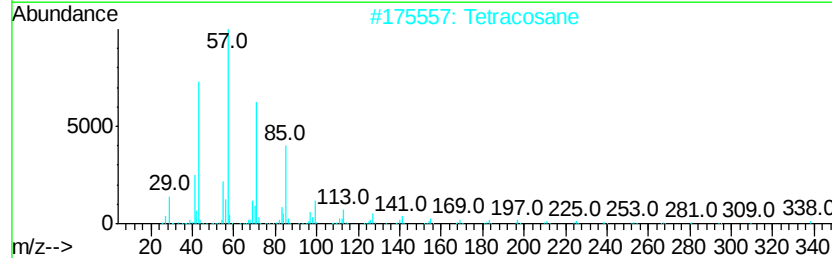
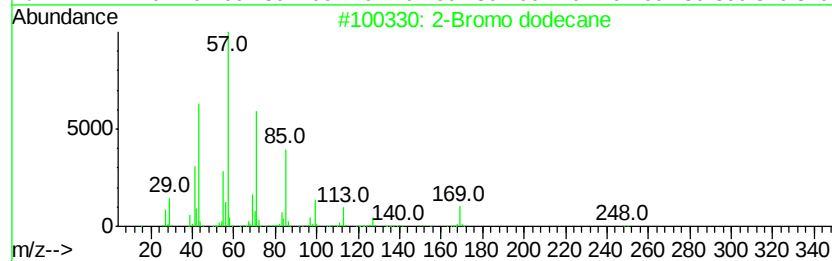
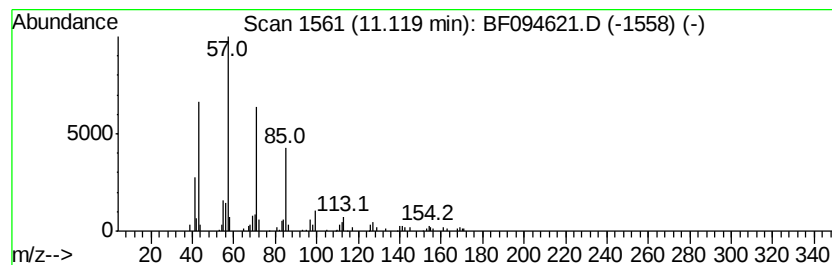
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-Bromo dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	2.52 ng	102330	Phenanthrene-d10	11.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane		248	C12H25Br	013187-99-0	90
2	Tetracosane		338	C24H50	000646-31-1	86
3	Hexadecane		226	C16H34	000544-76-3	83
4	Undecane, 2-methyl-		170	C12H26	007045-71-8	80
5	Pentadecane		212	C15H32	000629-62-9	80



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Sample : I2811-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-C

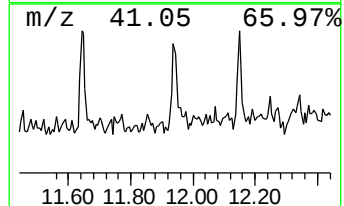
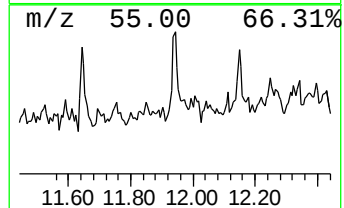
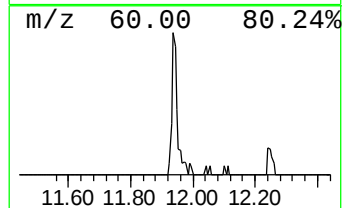
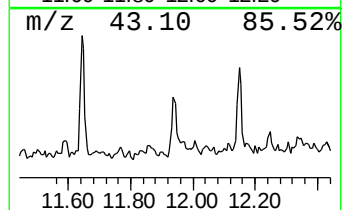
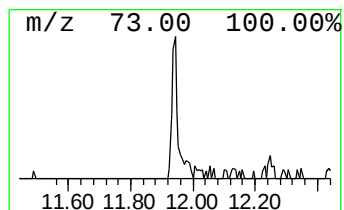
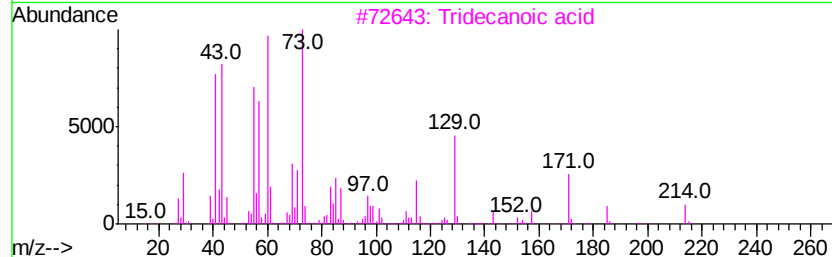
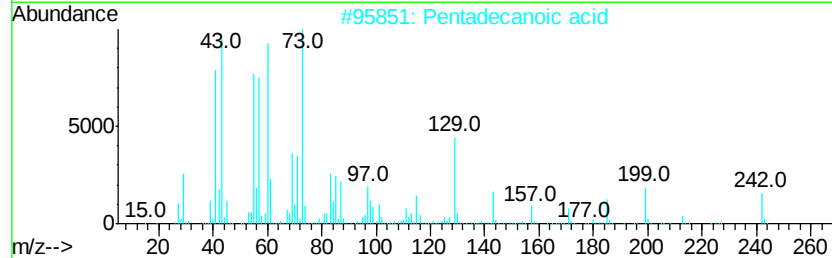
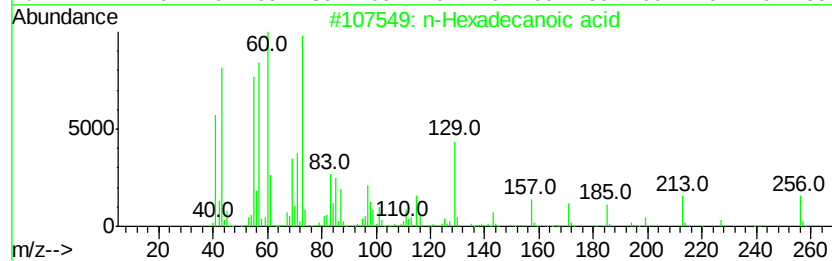
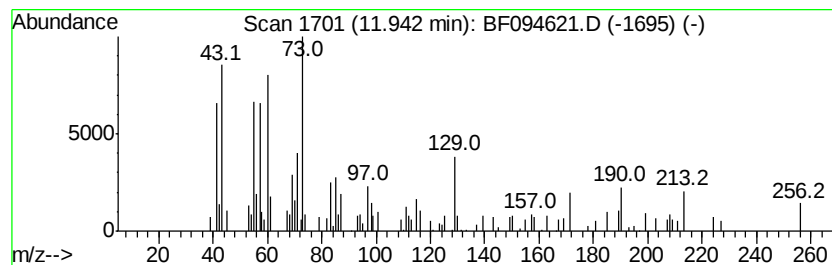
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.09 ng	84957	Phenanthrene-d10	11.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	n-Decanoic acid	172	C10H20O2	000334-48-5	52
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	46



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ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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...	3.91	10.2	ng	384908	1	5.75	752641	20.0
unknown5.51	5.51	99.8	ng	3755740	1	5.75	752641	20.0
Tridecane	8.01	2.5	ng	120002	2	7.25	970265	20.0
Hexadecane	8.71	2.1	ng	111757	3	9.38	1048300	20.0
Tetradecane	9.98	2.2	ng	115258	3	9.38	1048300	20.0
Heptadecane	10.57	3.8	ng	154369	4	11.20	813624	20.0
2-Bromo dodecane	11.12	2.5	ng	102330	4	11.20	813624	20.0
n-Hexadecanoic acid	11.94	2.1	ng	84957	4	11.20	813624	20.0