

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094620.D
 Acq On : 25 Apr 2017 21:59
 Operator : SJ/MA
 Sample : I2811-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

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	346	rBV	319831	418079	8.61%	0.984%
2	4.307	398	403	420	rBV	3491056	3722502	76.70%	8.760%
3	5.390	581	587	598	rBV	3180100	3985154	82.11%	9.378%
4	5.507	603	607	611	rBV	3426179	3798235	78.26%	8.938%
5	5.584	618	620	625	rVB	85292	72966	1.50%	0.172%
6	5.754	645	649	652	rBV	837512	774117	15.95%	1.822%
7	5.931	674	679	683	rBV	3044164	3055707	62.96%	7.191%
8	6.407	754	760	763	rBV	2287744	2391234	49.27%	5.627%
9	6.466	767	770	774	rVB	146316	122225	2.52%	0.288%
10	6.684	805	807	814	rVB2	50221	51409	1.06%	0.121%
11	6.989	855	859	865	rVB2	51941	53508	1.10%	0.126%
12	7.242	899	902	905	rBV	1043987	1012143	20.85%	2.382%
13	7.272	905	907	910	rVB	196047	150893	3.11%	0.355%
14	7.807	994	998	1005	rBV2	71121	80949	1.67%	0.190%
15	8.013	1030	1033	1036	rVB	187730	158076	3.26%	0.372%
16	8.572	1123	1128	1131	rVB	3888587	3862484	79.58%	9.089%
17	8.707	1149	1151	1156	rBV	147574	135173	2.79%	0.318%
18	9.066	1209	1212	1216	rBV	307952	310548	6.40%	0.731%
19	9.378	1259	1265	1269	rBV3	935175	1104426	22.76%	2.599%
20	9.977	1364	1367	1371	rBV	155220	138242	2.85%	0.325%
21	10.254	1409	1414	1417	rBV2	64388	76971	1.59%	0.181%
22	10.360	1427	1432	1440	rBV	1536810	1811760	37.33%	4.263%
23	10.560	1463	1466	1468	rBV	160998	161307	3.32%	0.380%
24	11.119	1558	1561	1564	rVB	130723	120674	2.49%	0.284%
25	11.154	1564	1567	1571	rVB2	61522	70744	1.46%	0.166%
26	11.201	1571	1575	1578	rBV	807035	820796	16.91%	1.932%
27	11.230	1578	1580	1584	rVB	254926	219494	4.52%	0.517%
28	11.295	1588	1591	1594	rVB	56191	56767	1.17%	0.134%
29	11.642	1647	1650	1655	rVB	97704	100623	2.07%	0.237%
30	11.830	1678	1682	1684	rBV2	49893	60491	1.25%	0.142%
31	11.860	1684	1687	1693	rVB	72060	78413	1.62%	0.185%
32	11.936	1697	1700	1701	rBV	91776	76960	1.59%	0.181%
33	12.148	1733	1736	1741	rVB	90318	82040	1.69%	0.193%
34	12.507	1793	1797	1800	rBV2	64187	82807	1.71%	0.195%

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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	12.630	1815	1818	1821	rVB	110236	104328	2.15%	0.246%
36	12.689	1825	1828	1832	rVB	346938	369034	7.60%	0.868%
37	12.966	1871	1875	1880	rVB	356469	377810	7.78%	0.889%
38	13.089	1894	1896	1900	rVB	90815	81572	1.68%	0.192%
39	13.183	1907	1912	1916	rBV	2445513	2854716	58.82%	6.718%
40	13.342	1936	1939	1941	rBV4	42423	54645	1.13%	0.129%
41	13.530	1969	1971	1975	rVB	104661	103821	2.14%	0.244%
42	13.795	2011	2016	2020	rBV	2088477	2326191	47.93%	5.474%
43	13.960	2041	2044	2047	rVB	121678	126565	2.61%	0.298%
44	14.454	2123	2128	2131	rBV2	734655	891336	18.37%	2.098%
45	14.524	2134	2140	2143	rVB	3814898	4853295	100.00%	11.421%
46	14.754	2177	2179	2187	rVB2	155681	196935	4.06%	0.463%
47	15.136	2242	2244	2249	rVB	156687	147009	3.03%	0.346%
48	15.854	2363	2366	2371	rBV	208320	293589	6.05%	0.691%
49	16.089	2402	2406	2411	rBV	413871	496389	10.23%	1.168%

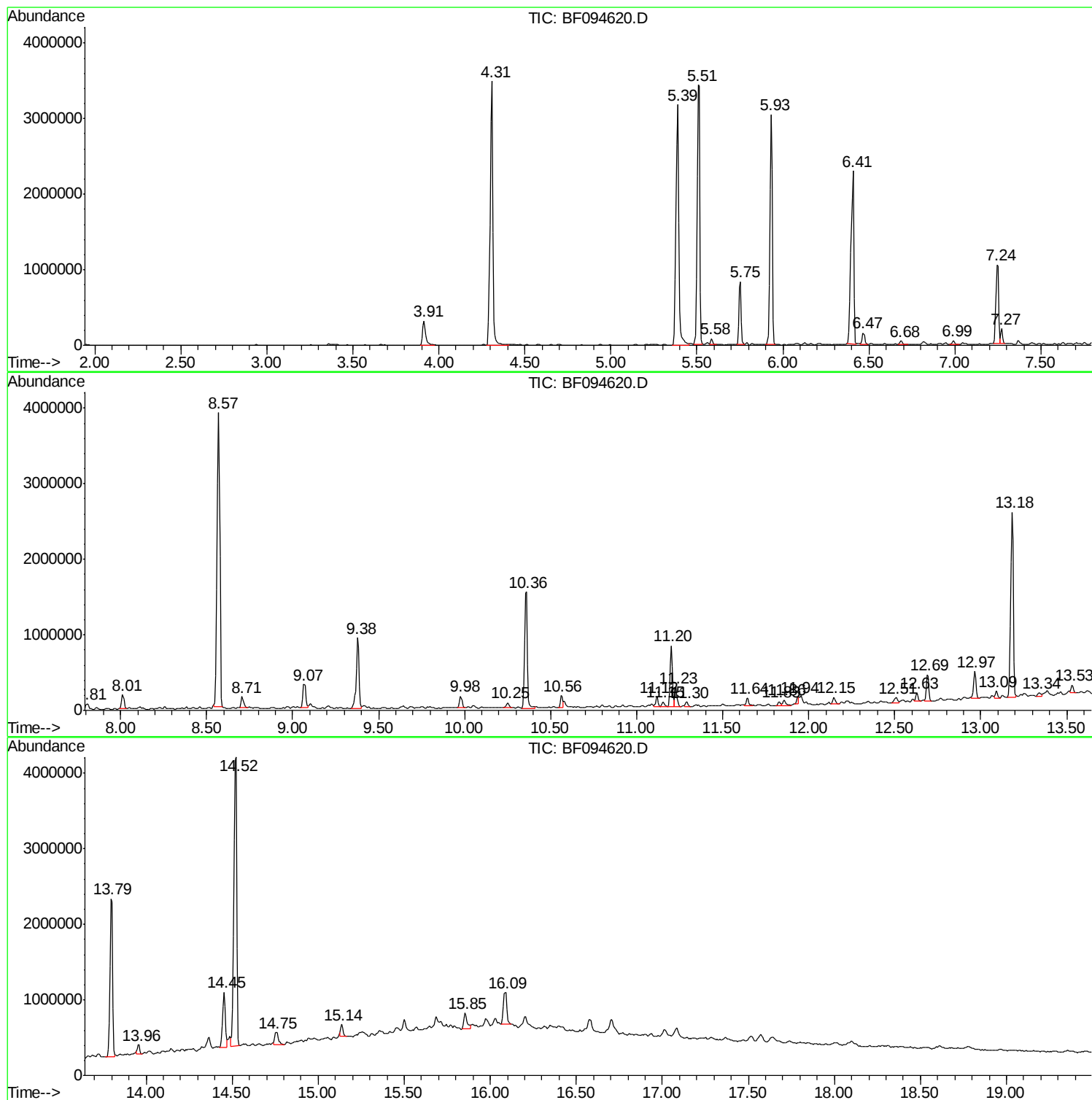
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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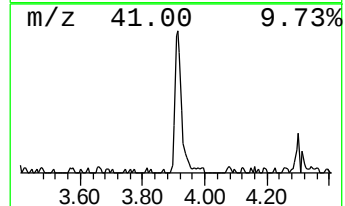
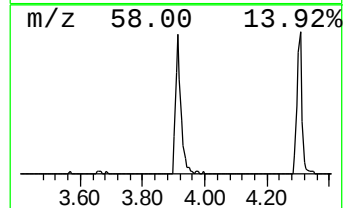
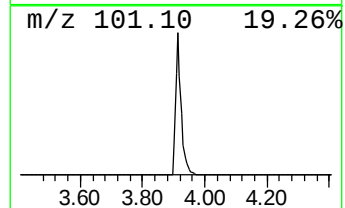
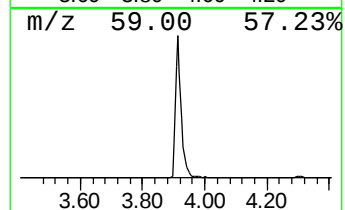
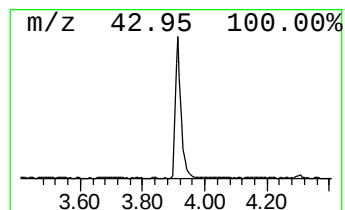
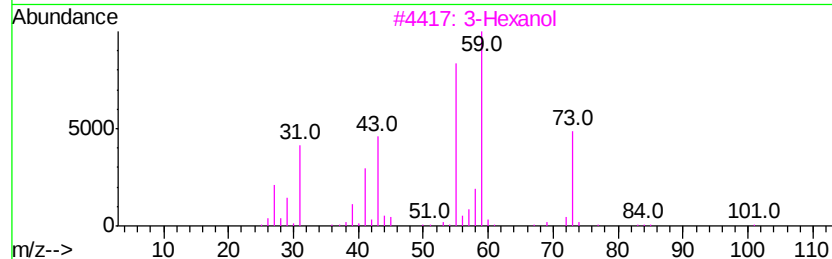
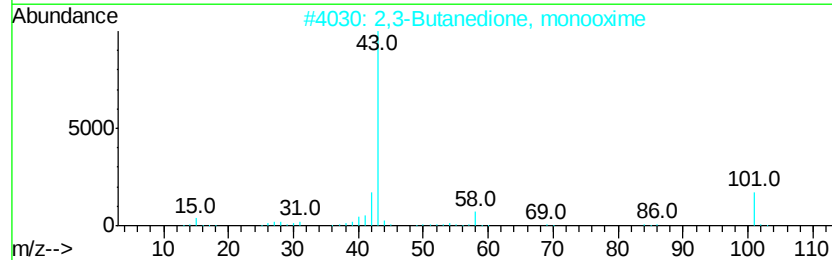
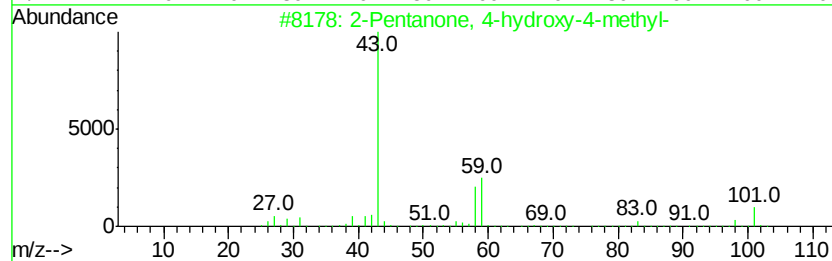
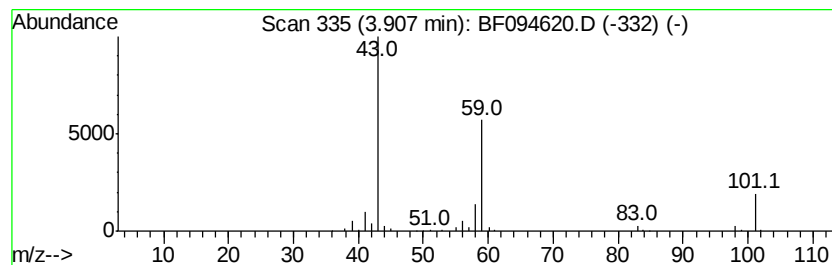
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	10.80 ng	418079	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	64
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3		3-Hexanol	102	C6H14O	000623-37-0	28
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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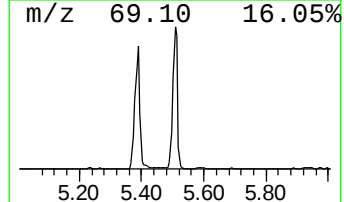
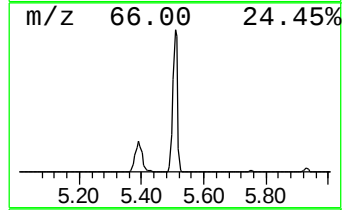
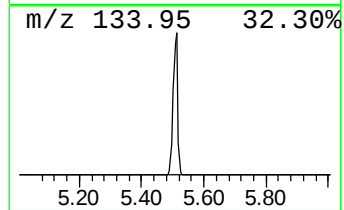
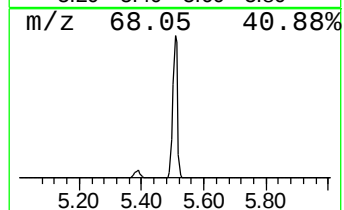
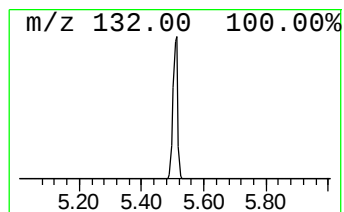
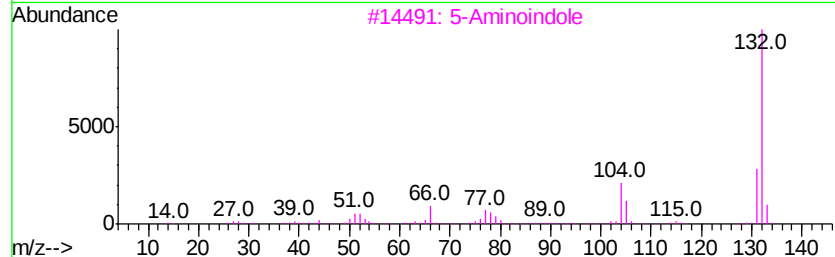
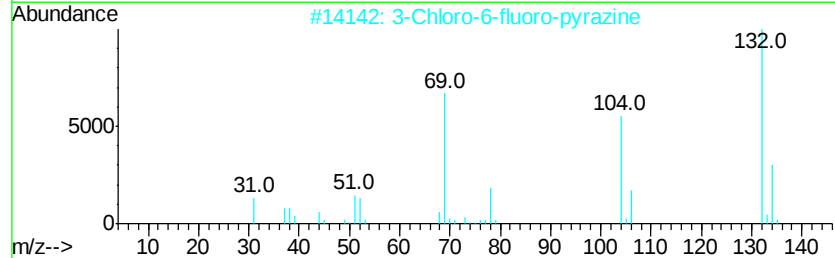
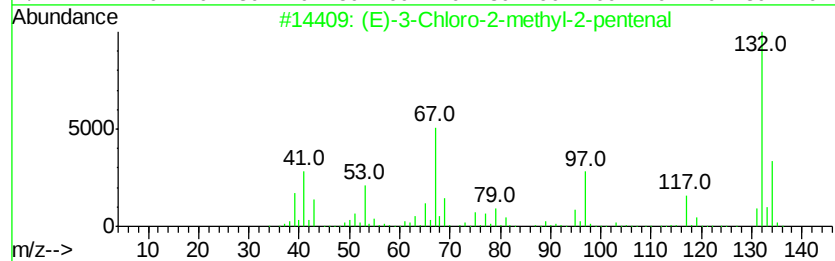
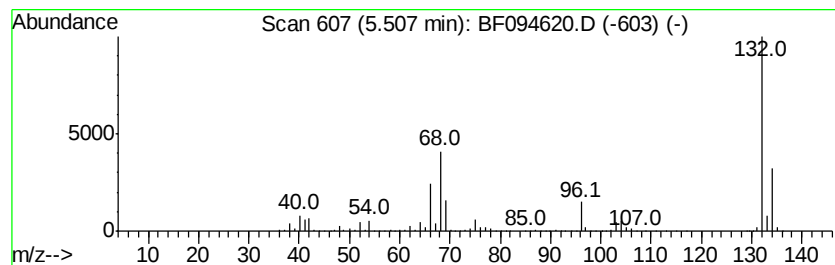
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown5.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.51	98.13 ng	3798240	1,4-Dichlorobenzene-d4	5.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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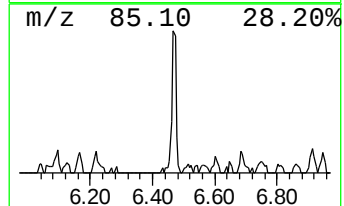
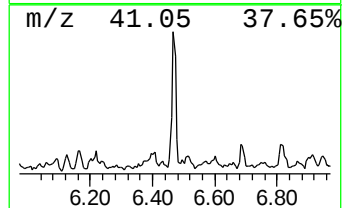
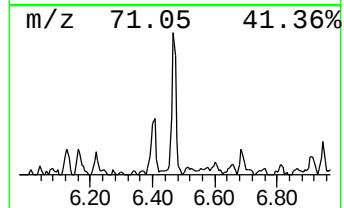
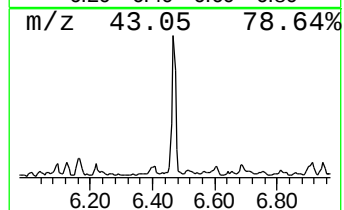
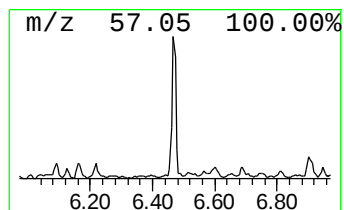
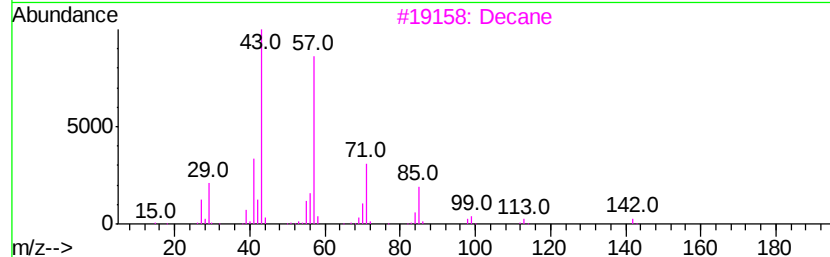
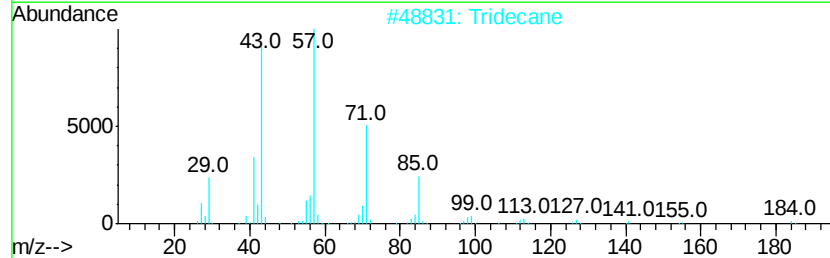
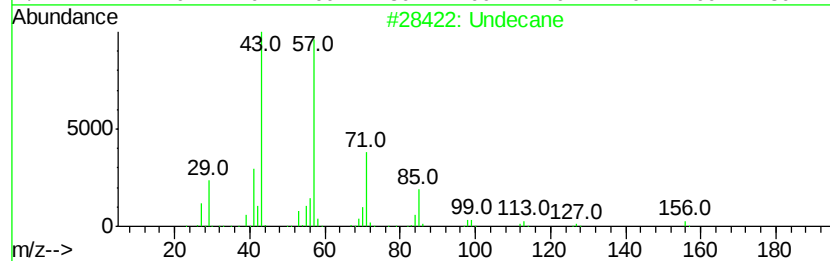
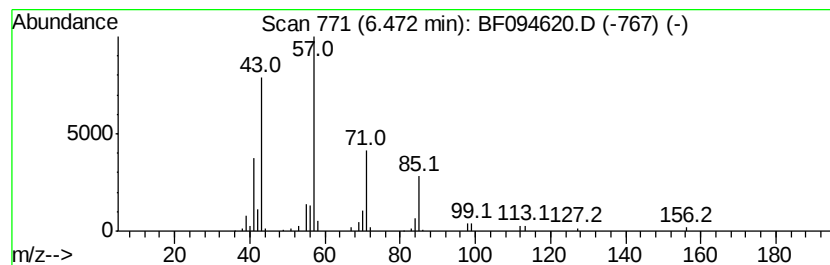
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Undecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	3.16 ng	122225	1,4-Dichlorobenzene-d4	5.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	94
2	Tridecane		184	C13H28	000629-50-5	86
3	Decane		142	C10H22	000124-18-5	83
4	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	64
5	Heptane, 3,4-dimethyl-		128	C9H20	000922-28-1	64



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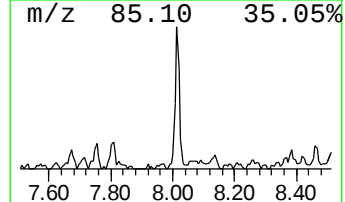
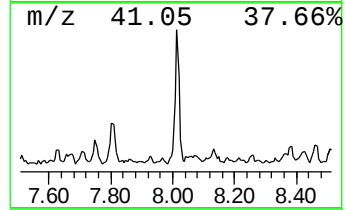
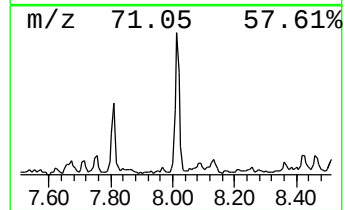
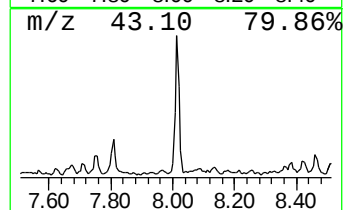
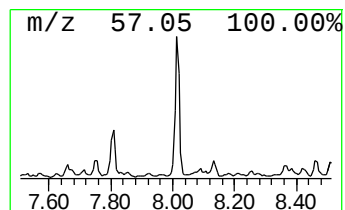
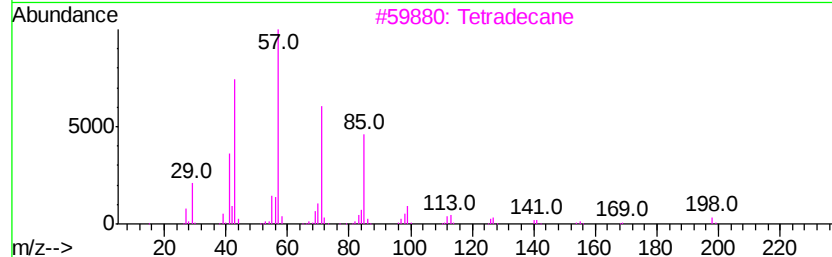
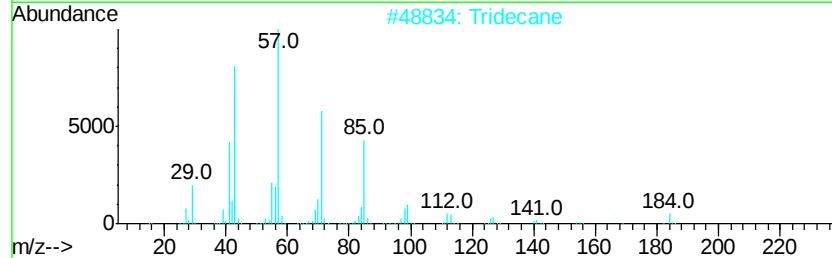
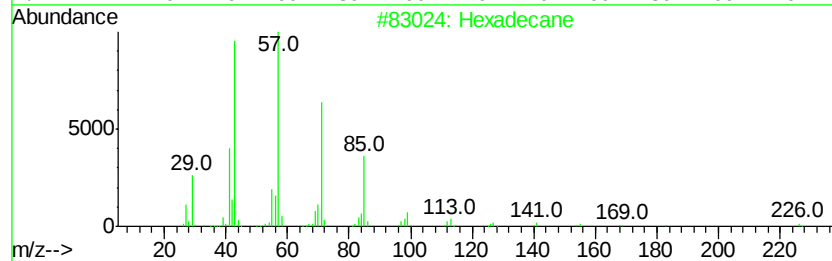
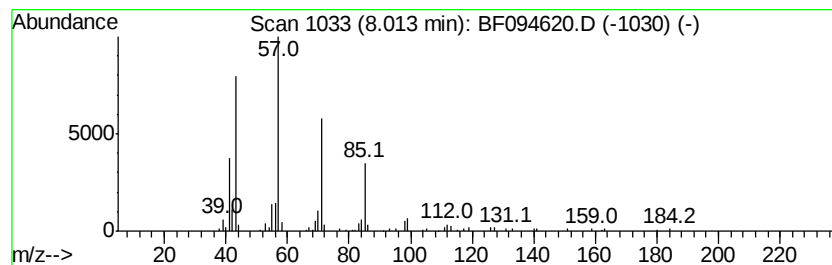
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	3.12 ng	158076	Naphthalene-d8	7.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Tridecane		184	C13H28	000629-50-5	90
3	Tetradecane		198	C14H30	000629-59-4	90
4	Pentadecane		212	C15H32	000629-62-9	90
5	Nonane, 5-butyl-		184	C13H28	017312-63-9	87



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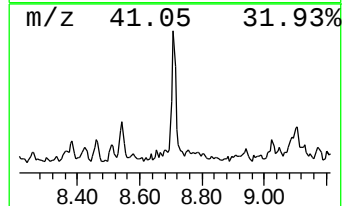
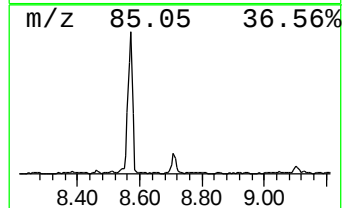
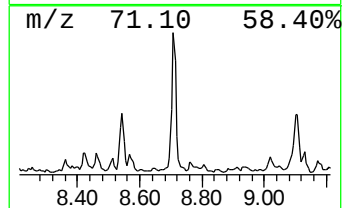
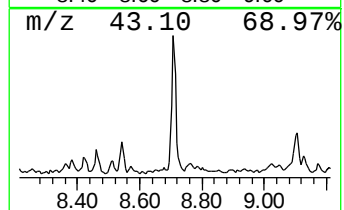
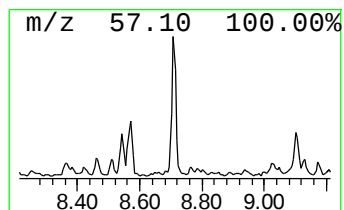
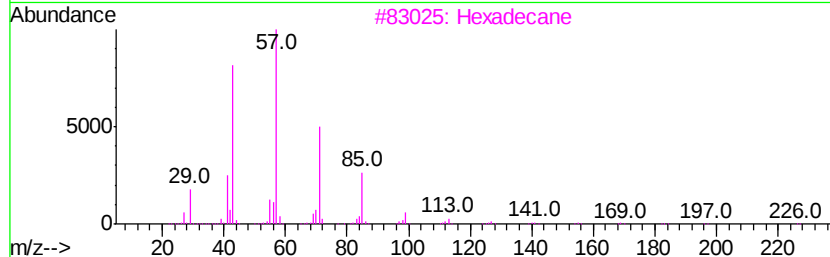
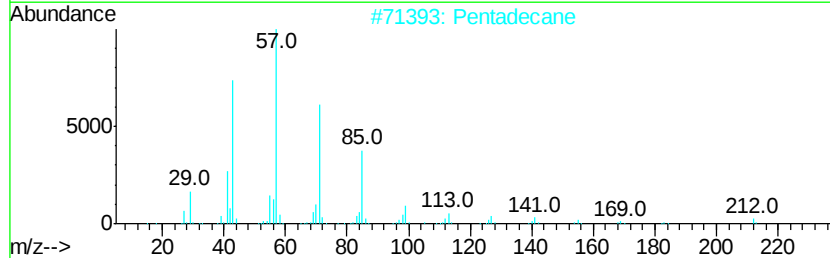
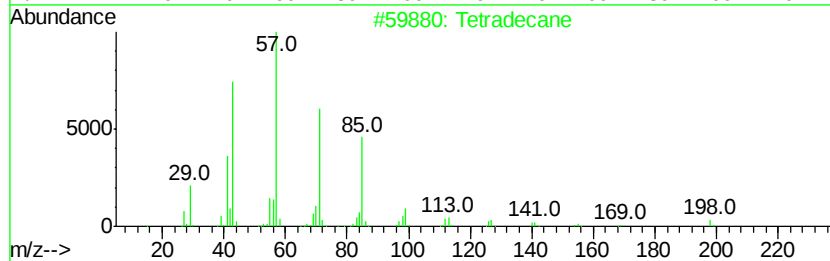
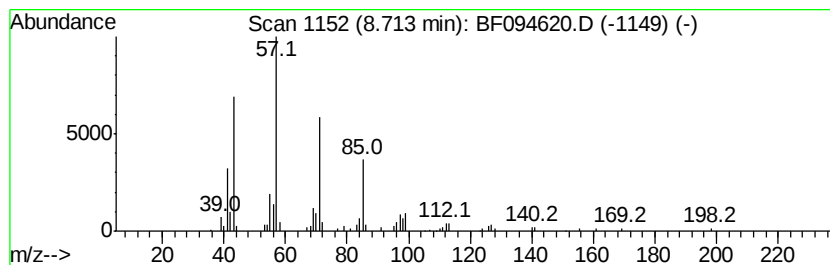
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	2.45 ng	135173	Acenaphthene-d10	9.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		Pentadecane	212	C15H32	000629-62-9	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
5		Tridecane	184	C13H28	000629-50-5	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042517\
Data File : BF094620.D
Acq On : 25 Apr 2017 21:59
Operator : SJ/MA
Sample : I2811-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

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

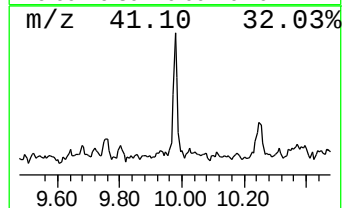
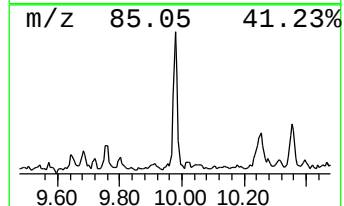
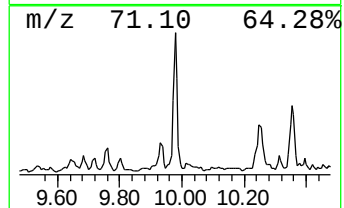
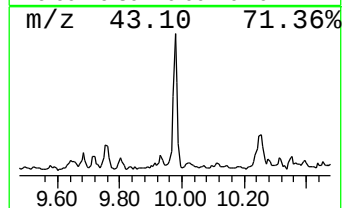
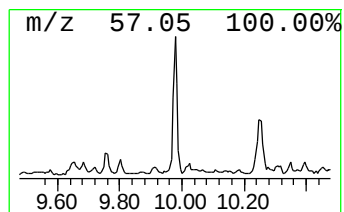
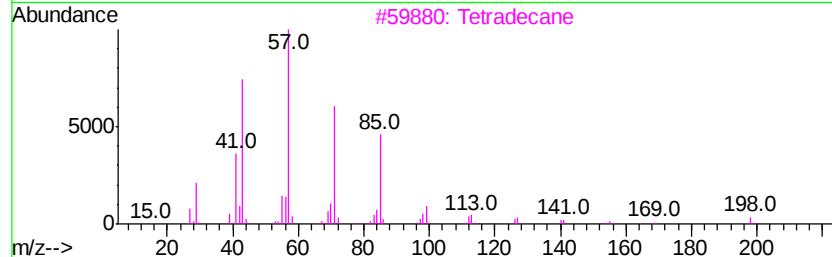
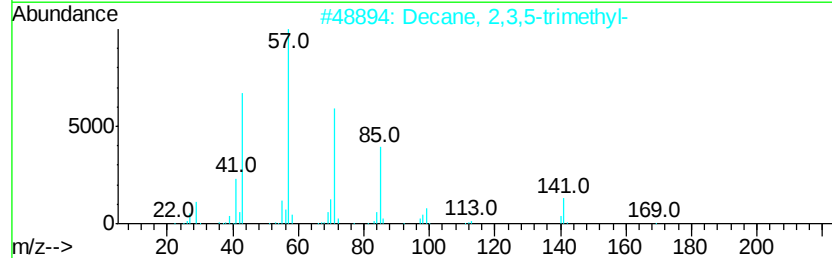
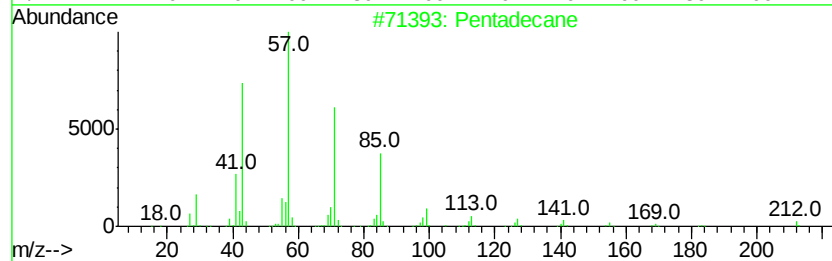
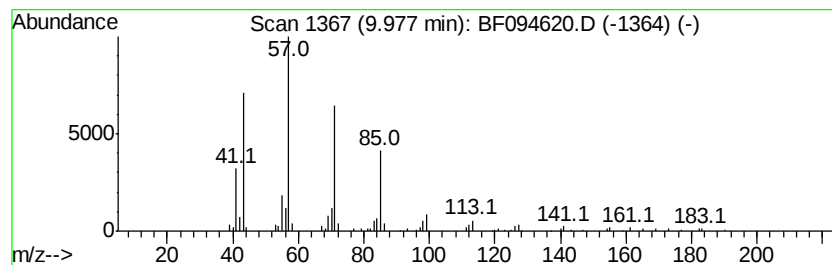
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	2.50 ng	138242	Acenaphthene-d10	9.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	91
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3		Tetradecane	198	C14H30	000629-59-4	87
4		Hexadecane	226	C16H34	000544-76-3	87
5		Tridecane	184	C13H28	000629-50-5	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042517\
Data File : BF094620.D
Acq On : 25 Apr 2017 21:59
Operator : SJ/MA
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FK-SF-03-001-B

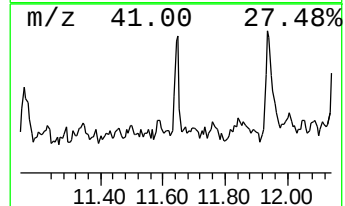
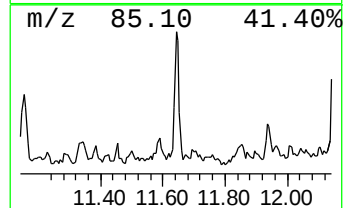
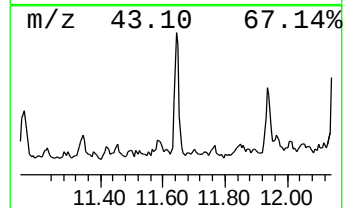
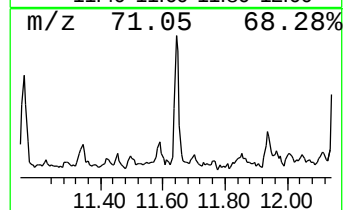
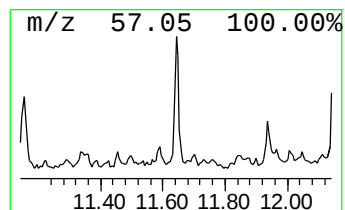
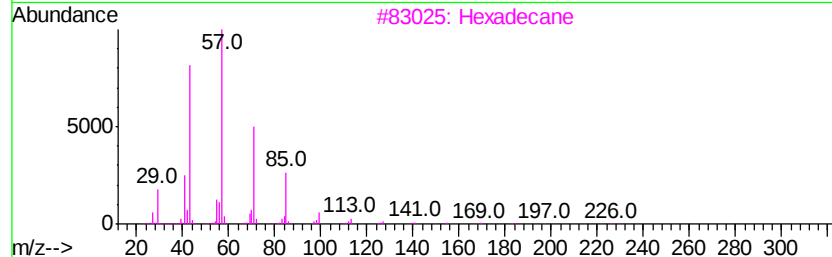
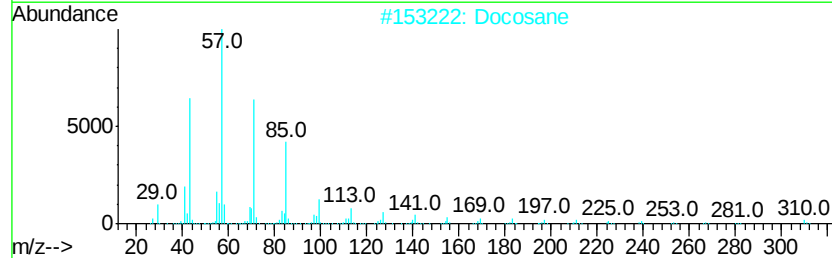
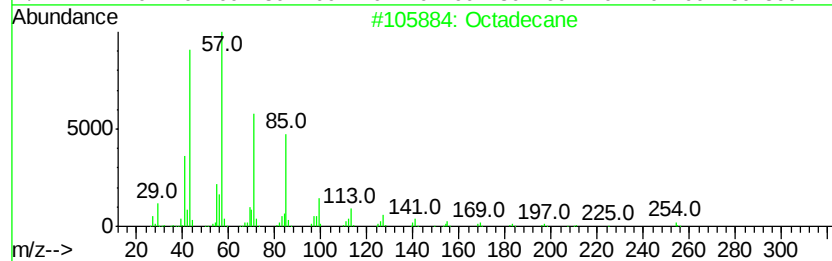
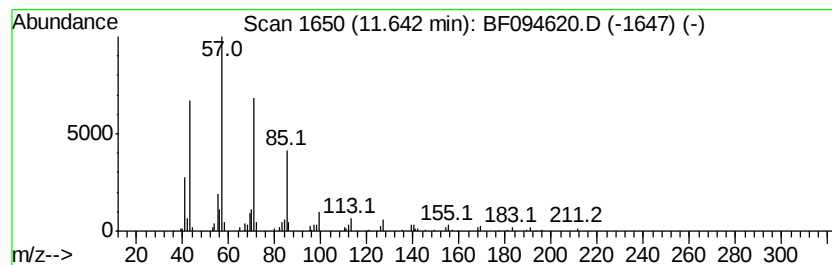
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	2.45 ng	100623	Phenanthrene-d10	11.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	91
2			Docosane	310	C22H46	000629-97-0	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Heptacosane	380	C27H56	000593-49-7	90
5			Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094620.D
Acq On : 25 Apr 2017 21:59
Operator : SJ/MA
Sample : I2811-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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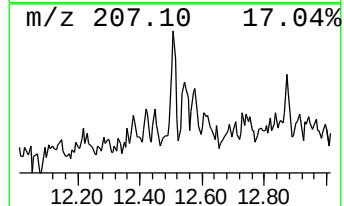
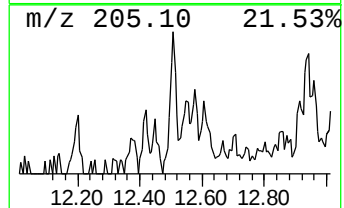
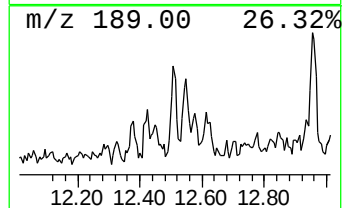
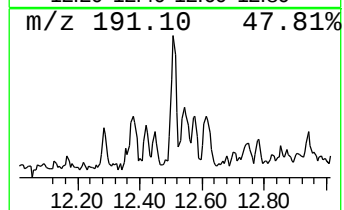
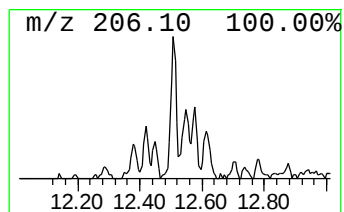
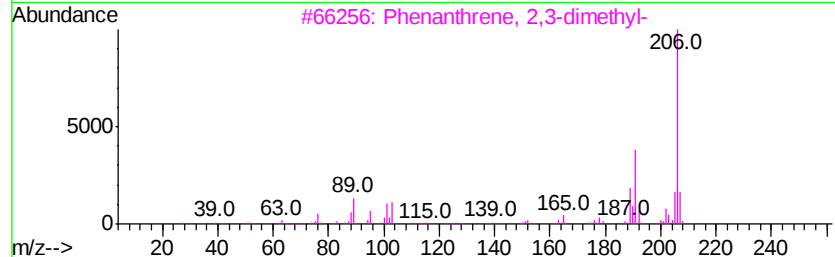
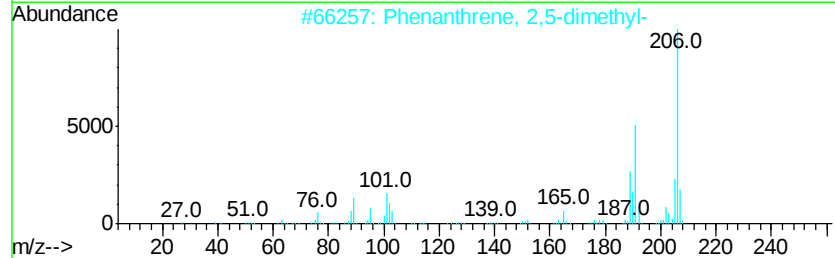
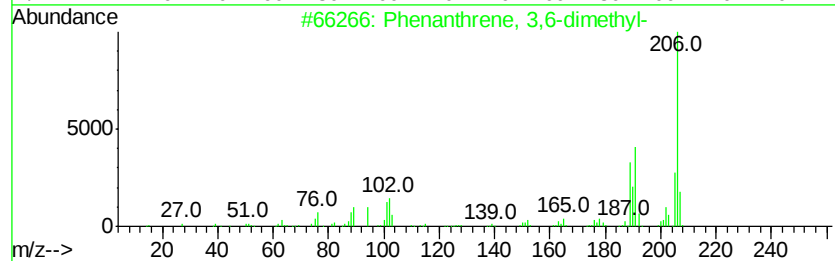
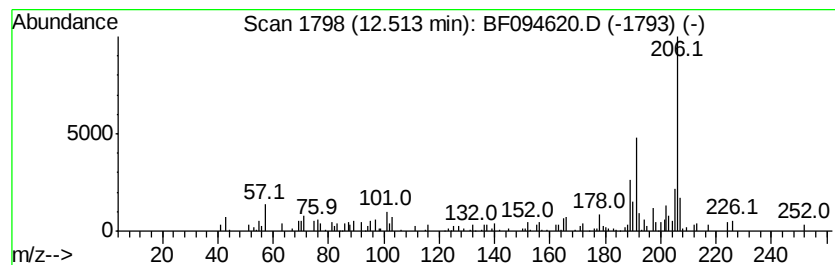
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	2.02 ng	82807	Phenanthrene-d10	11.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5			9,10-Dimethylantracene	206	C16H14	000781-43-1	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042517\
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Acq On : 25 Apr 2017 21:59
Operator : SJ/MA
Sample : I2811-03
Misc :
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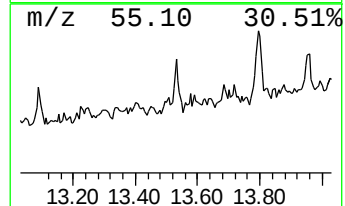
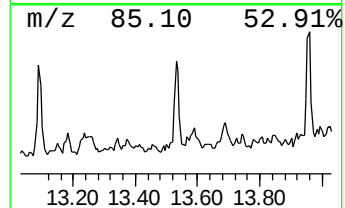
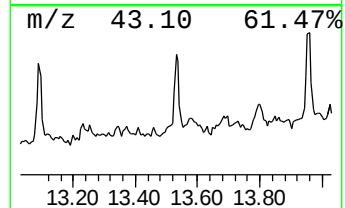
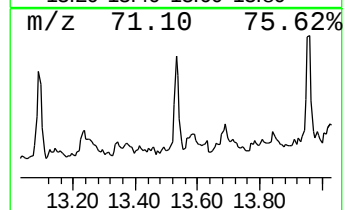
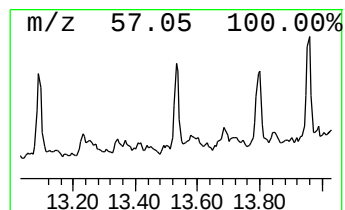
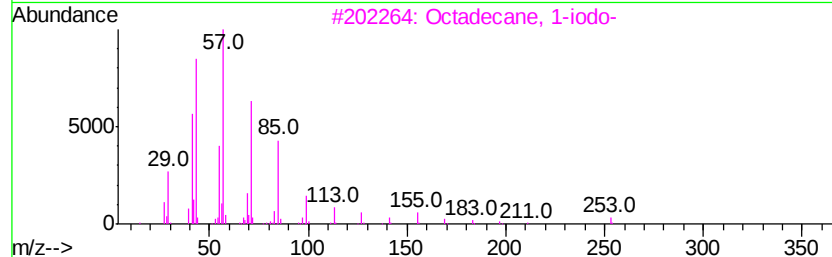
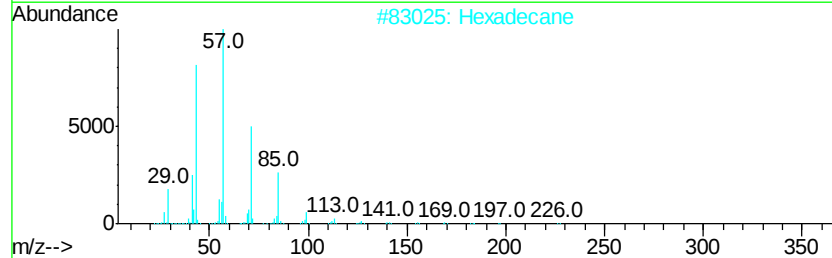
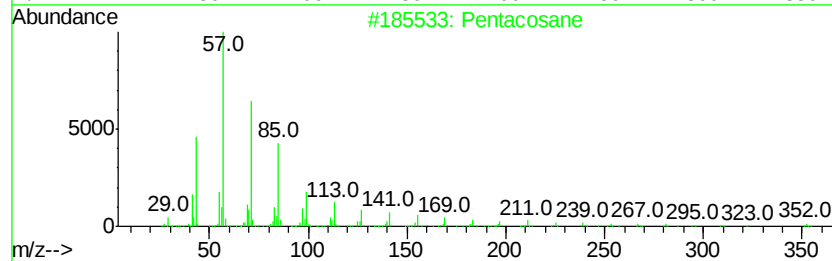
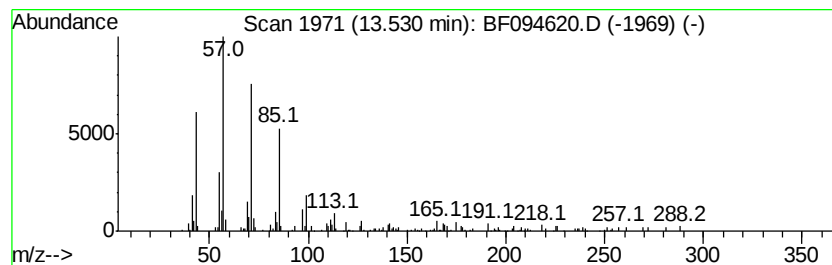
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	2.33 ng	103821	Chrysene-d12	14.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentacosane	352 C25H52	000629-99-2	90
2	Hexadecane	226 C16H34	000544-76-3	87
3	Octadecane, 1-iodo-	380 C18H37I	000629-93-6	80
4	Heneicosane	296 C21H44	000629-94-7	78
5	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042517\
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Sample : I2811-03
Misc :
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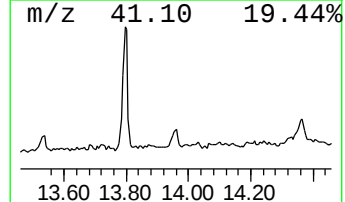
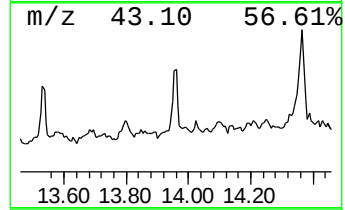
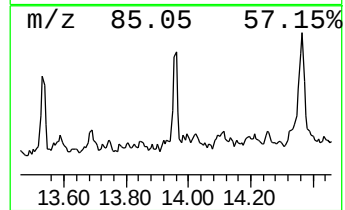
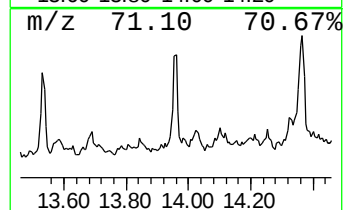
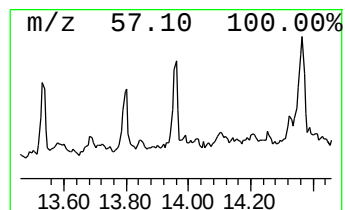
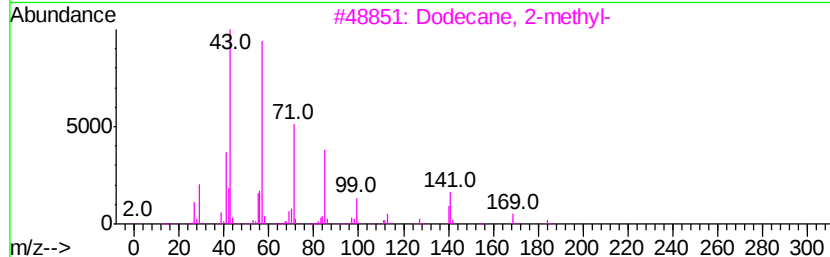
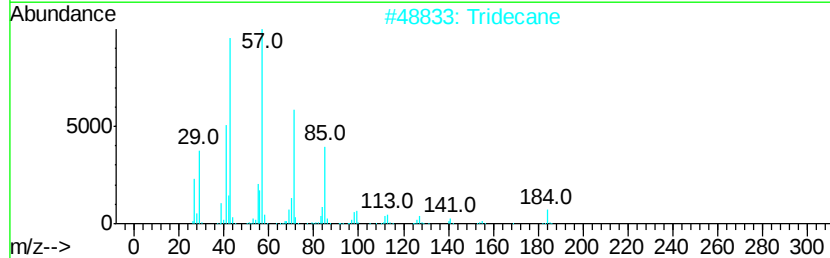
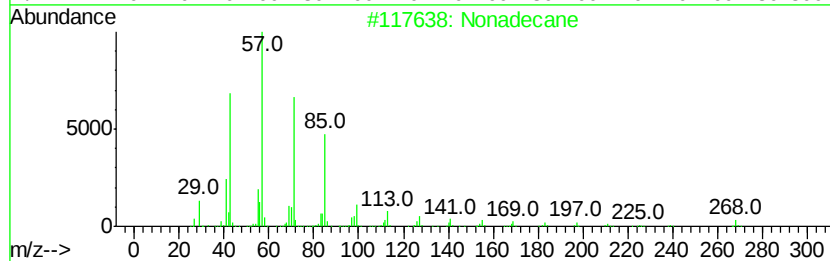
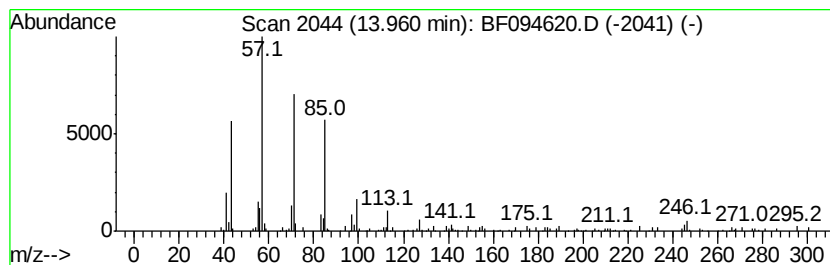
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.96	2.84 ng	126565	Chrysene-d12		14.45	
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	91
2		Tridecane	184	C13H28	000629-50-5	80
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	74
5		Decane, 3-methyl-	156	C11H24	013151-34-3	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
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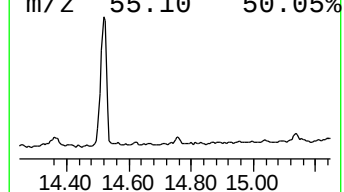
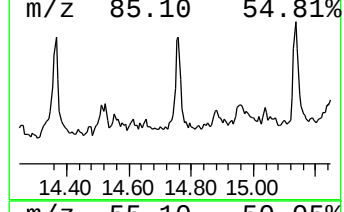
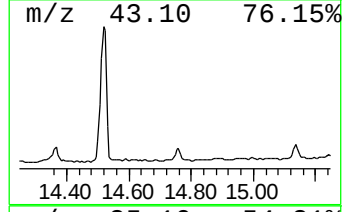
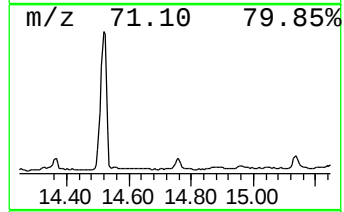
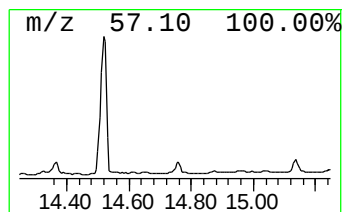
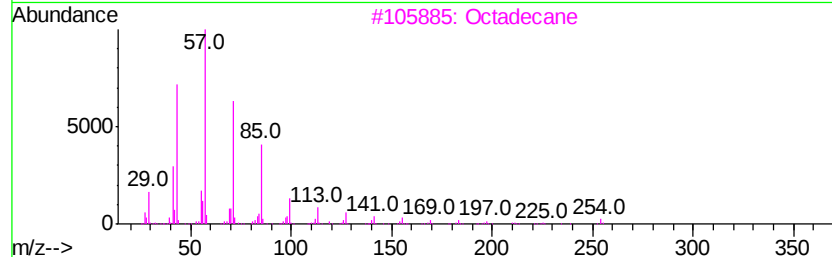
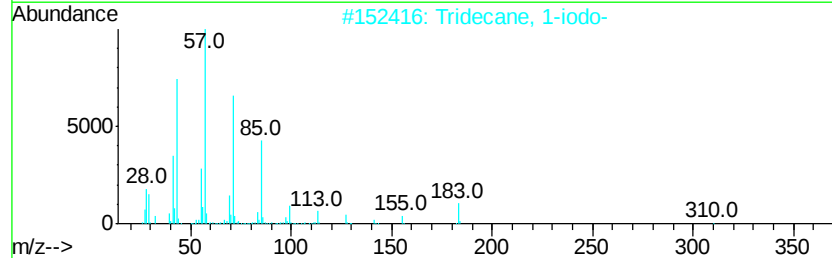
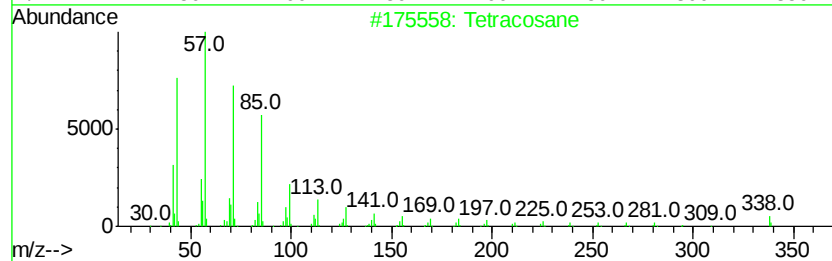
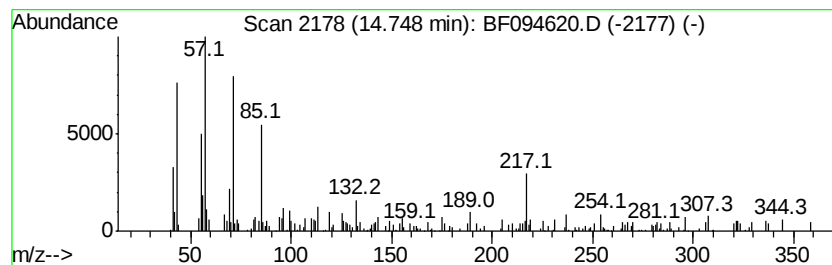
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.75	4.42 ng	196935	Chrysene-d12		14.45
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	95
3	Octadecane	254	C18H38	000593-45-3	95
4	Heneicosane	296	C21H44	000629-94-7	95
5	Eicosane	282	C20H42	000112-95-8	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
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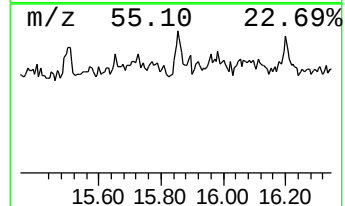
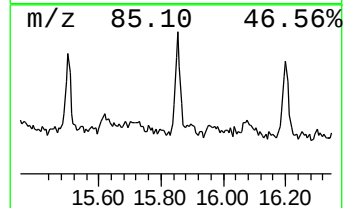
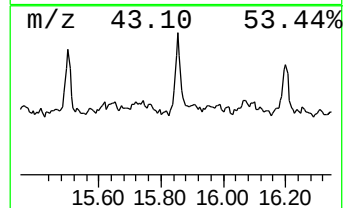
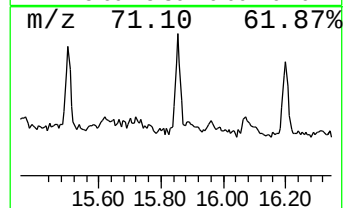
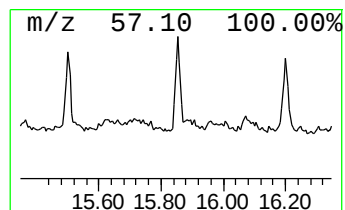
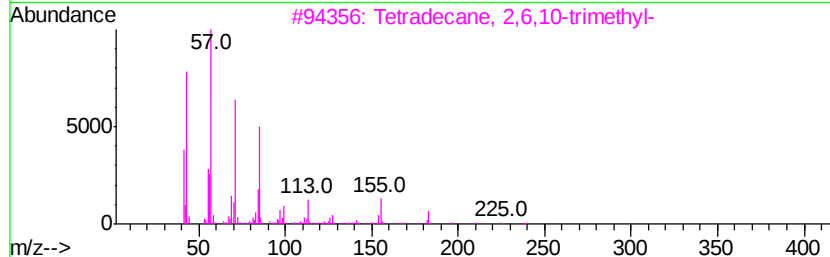
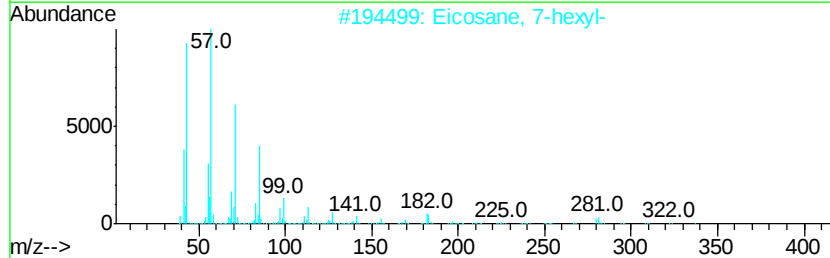
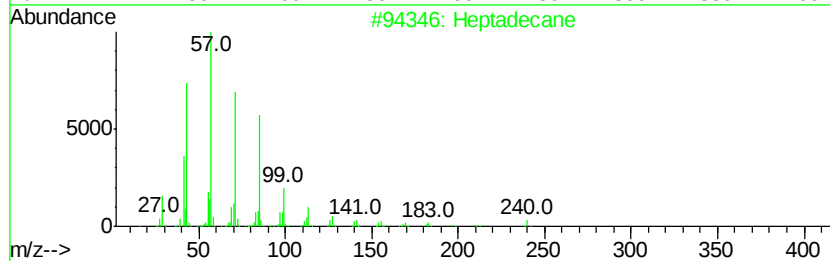
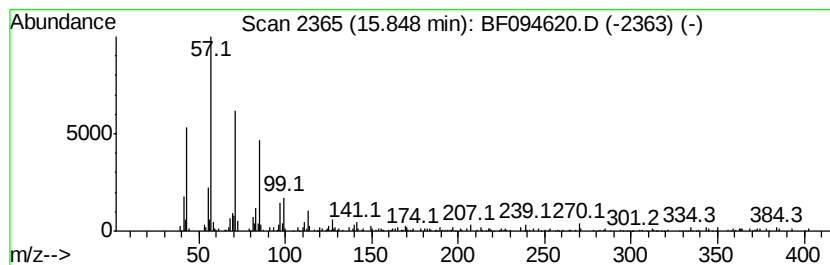
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-001-B

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 17 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	11.83 ng	293589	Perylene-d12	16.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	90
2	Eicosane, 7-hexyl-	366 C26H54	055333-99-8	86
3	Tetradecane, 2,6,10-trimethyl-	240 C17H36	014905-56-7	83
4	Dodecane, 1-iodo-	296 C12H25I	004292-19-7	80
5	Octacosane	394 C28H58	000630-02-4	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042517\
 Data File : BF094620.D
 Acq On : 25 Apr 2017 21:59
 Operator : SJ/MA
 Sample : I2811-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

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	10.8	ng	418079	1	5.75	774117	20.0
unknown5.51	5.51	98.1	ng	3798240	1	5.75	774117	20.0
Undecane	6.47	3.2	ng	122225	1	5.75	774117	20.0
Hexadecane	8.01	3.1	ng	158076	2	7.25	1012140	20.0
Tetradecane	8.71	2.5	ng	135173	3	9.38	1104430	20.0
Pentadecane	9.98	2.5	ng	138242	3	9.38	1104430	20.0
Octadecane	11.64	2.5	ng	100623	4	11.20	820796	20.0
Phenanthrene, 3,6...	12.51	2.0	ng	82807	4	11.20	820796	20.0
Pentacosane	13.53	2.3	ng	103821	5	14.45	891336	20.0
Nonadecane	13.96	2.8	ng	126565	5	14.45	891336	20.0
Tetracosane	14.75	4.4	ng	196935	5	14.45	891336	20.0
Heptadecane	15.85	11.8	ng	293589	6	16.09	496389	20.0