

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
 Data File : BF096960.D
 Acq On : 21 Jul 2017 22:47
 Operator : SJ/JU
 Sample : I4290-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

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-BF071317.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	4.722	462	465	476	rVB	183836	281714	10.38%	1.138%
2	5.169	536	541	544	rBV	2588261	2676474	98.62%	10.812%
3	6.216	715	719	731	rBV	2292736	2713810	100.00%	10.963%
4	6.328	734	738	742	rBV	2404729	2535583	93.43%	10.243%
5	6.557	773	777	781	rBV	703884	615117	22.67%	2.485%
6	6.710	799	803	807	rBV	1900806	1802334	66.41%	7.281%
7	7.122	868	873	876	rBV	1735951	1534956	56.56%	6.201%
8	7.839	991	995	998	rBV	847054	775372	28.57%	3.132%
9	8.916	1173	1178	1181	rBV	2010643	1708874	62.97%	6.904%
10	9.310	1242	1245	1251	rBV	174341	135620	5.00%	0.548%
11	9.445	1265	1268	1271	rBV	34956	29404	1.08%	0.119%
12	9.586	1287	1292	1295	rBV	656122	627949	23.14%	2.537%
13	10.033	1366	1368	1371	rVB	50553	44239	1.63%	0.179%
14	10.257	1400	1406	1408	rBV4	20794	32289	1.19%	0.130%
15	10.368	1421	1425	1430	rVB	1063543	972598	35.84%	3.929%
16	10.504	1445	1448	1455	rBV2	66866	99395	3.66%	0.402%
17	10.563	1455	1458	1461	rVV	56678	54971	2.03%	0.222%
18	10.598	1461	1464	1467	rVV2	59073	64914	2.39%	0.262%
19	10.633	1467	1470	1472	rVV2	51137	52758	1.94%	0.213%
20	10.698	1476	1481	1485	rVV5	26973	57988	2.14%	0.234%
21	10.739	1485	1488	1492	rVV4	38318	54734	2.02%	0.221%
22	10.780	1492	1495	1497	rVV	48728	50700	1.87%	0.205%
23	10.821	1500	1502	1508	rVB3	28393	29804	1.10%	0.120%
24	10.957	1521	1525	1527	rBV2	33797	30821	1.14%	0.125%
25	11.057	1538	1542	1544	rBV	556282	491278	18.10%	1.985%
26	11.080	1544	1546	1550	rVV	327338	265405	9.78%	1.072%
27	11.133	1553	1555	1559	rVB	95716	77582	2.86%	0.313%
28	11.239	1570	1573	1577	rVB	577804	516725	19.04%	2.087%
29	11.563	1625	1628	1630	rBV	47487	42502	1.57%	0.172%
30	11.586	1630	1632	1635	rVV	57913	46846	1.73%	0.189%
31	11.668	1643	1646	1648	rBV	69915	68620	2.53%	0.277%
32	11.692	1648	1650	1653	rVB	45138	37596	1.39%	0.152%
33	12.110	1718	1721	1724	rBV	39124	43388	1.60%	0.175%
34	12.192	1733	1735	1740	rVB3	31709	31025	1.14%	0.125%

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Max Peaks: 100
Peak Location: TOP

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.262	1744	1747	1751	rVB	445237	375437	13.83%	1.517%
36	12.492	1781	1786	1788	rBV	324192	338721	12.48%	1.368%
37	12.527	1788	1792	1796	rVV4	40987	54043	1.99%	0.218%
38	12.645	1808	1812	1815	rVB	1066886	1067977	39.35%	4.314%
39	12.715	1815	1824	1827	rVB4	27534	29735	1.10%	0.120%
40	12.821	1839	1842	1846	rVB	51657	60177	2.22%	0.243%
41	12.886	1850	1853	1856	rVV2	45335	48560	1.79%	0.196%
42	12.921	1856	1859	1863	rVB2	41585	38552	1.42%	0.156%
43	13.015	1872	1875	1877	rBV	38473	27775	1.02%	0.112%
44	13.327	1925	1928	1930	rBV	29801	27786	1.02%	0.112%
45	13.433	1943	1946	1948	rBV	48183	47917	1.77%	0.194%
46	13.551	1961	1966	1971	rBV4	129462	199399	7.35%	0.806%
47	13.686	1981	1989	1991	rBV2	714640	870125	32.06%	3.515%
48	13.709	1991	1993	1996	rVB	192827	159546	5.88%	0.645%
49	13.880	2019	2022	2025	rBV4	63684	93167	3.43%	0.376%
50	14.074	2053	2055	2057	rVB	53080	44002	1.62%	0.178%
51	14.186	2071	2074	2078	rBV	244578	284422	10.48%	1.149%
52	14.451	2116	2119	2121	rBV	110490	122179	4.50%	0.494%
53	14.598	2142	2144	2148	rVB4	61875	59760	2.20%	0.241%
54	14.680	2154	2158	2165	rBV	217207	395019	14.56%	1.596%
55	14.768	2170	2173	2183	rVB2	368968	480500	17.71%	1.941%
56	14.939	2199	2202	2207	rVB	123952	155820	5.74%	0.629%
57	14.992	2208	2211	2215	rBV	168429	188814	6.96%	0.763%
58	15.051	2217	2221	2225	rBV	436205	512847	18.90%	2.072%
59	15.468	2289	2292	2296	rBV	133555	170732	6.29%	0.690%
60	16.139	2402	2406	2415	rBV3	100073	177478	6.54%	0.717%
61	16.309	2432	2435	2444	rVB3	64816	119749	4.41%	0.484%

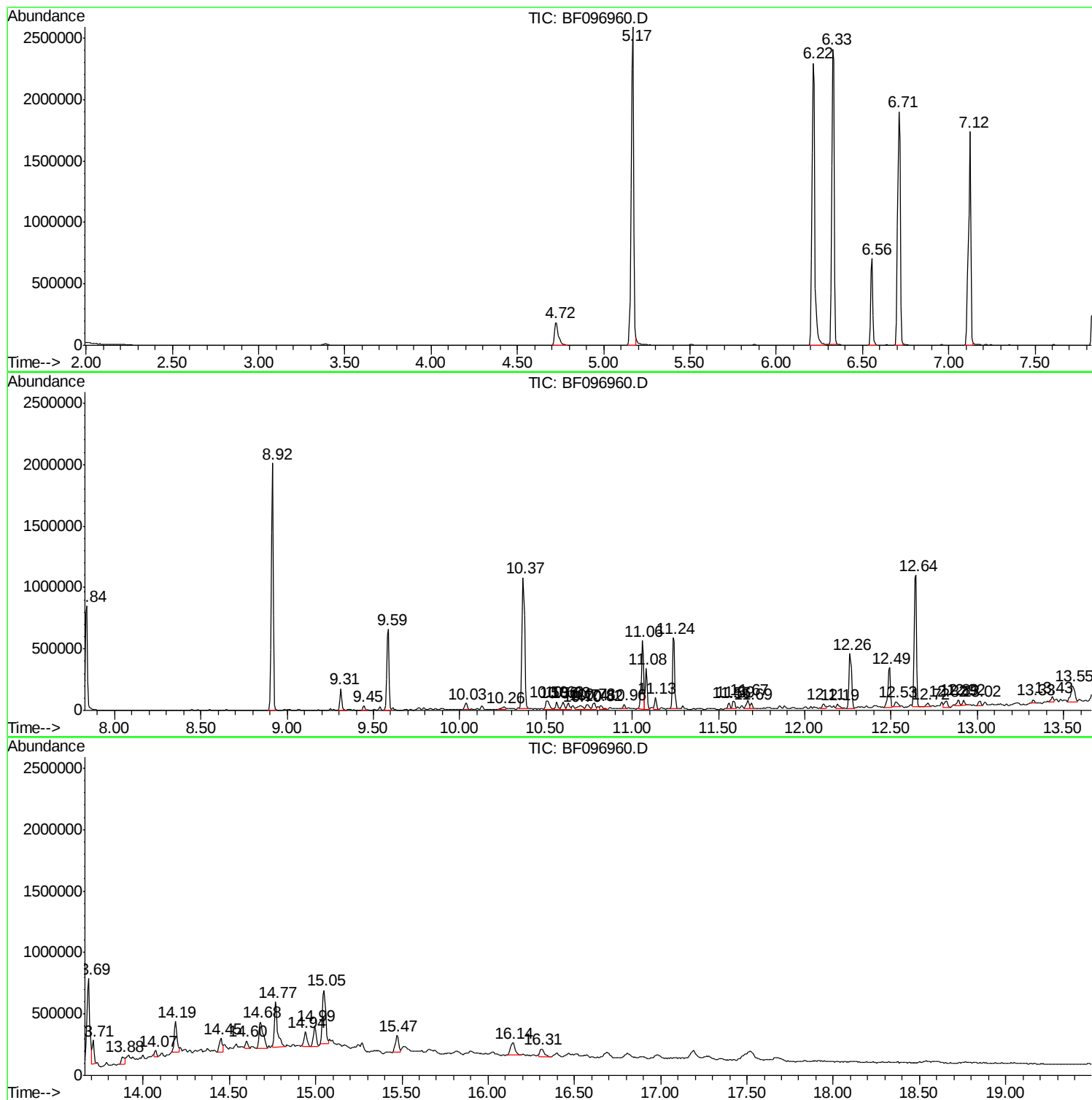
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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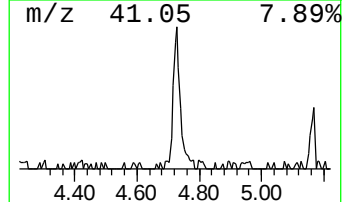
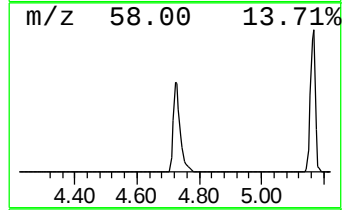
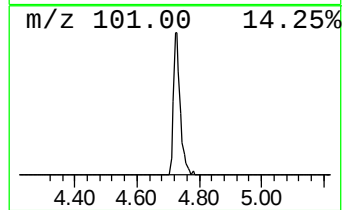
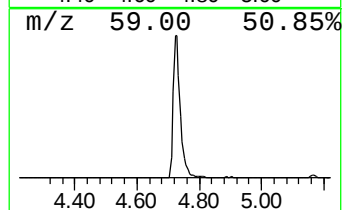
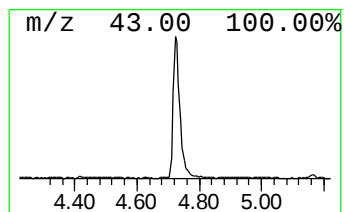
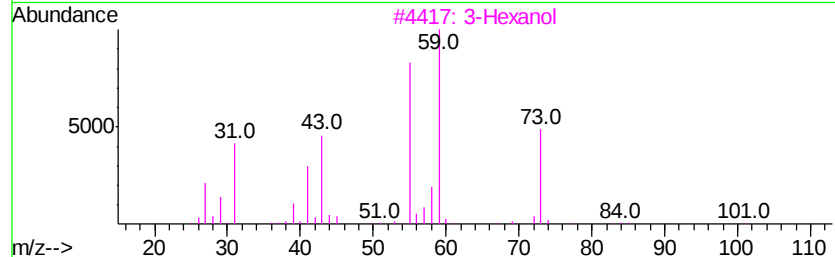
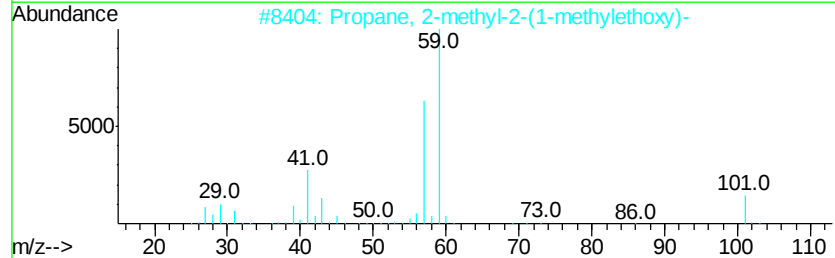
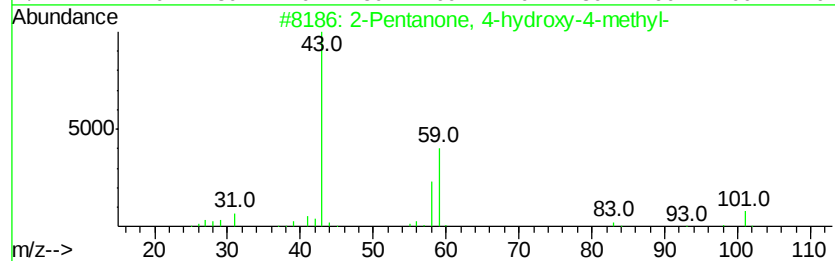
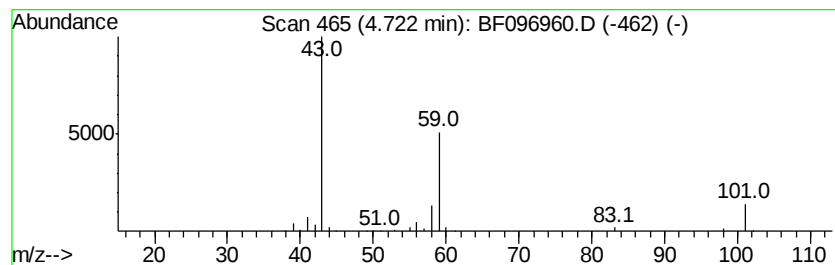
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	9.16 ng	281714	1,4-Dichlorobenzene-d4	6.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	42
3		3-Hexanol	102	C6H14O	000623-37-0	33
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28



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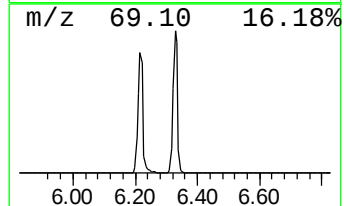
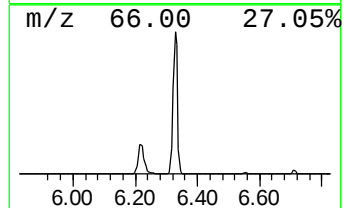
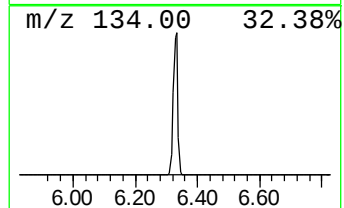
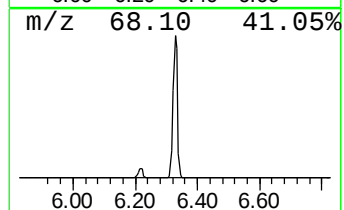
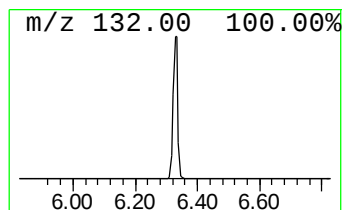
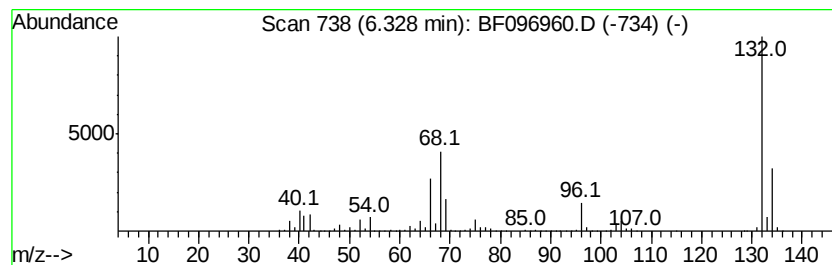
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.33 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	82.44 ng	2535580	1,4-Dichlorobenzene-d4	6.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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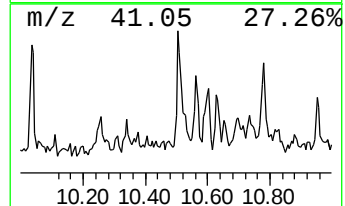
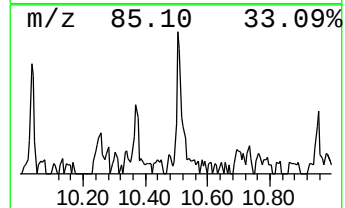
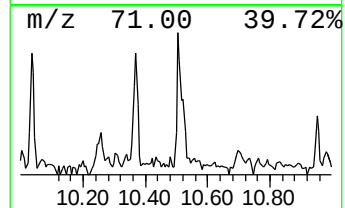
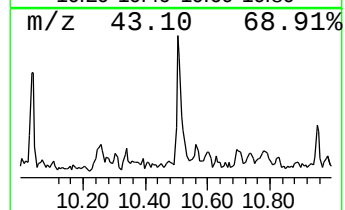
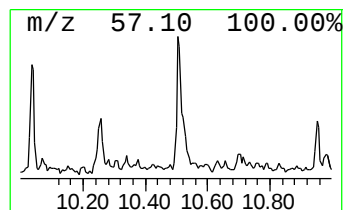
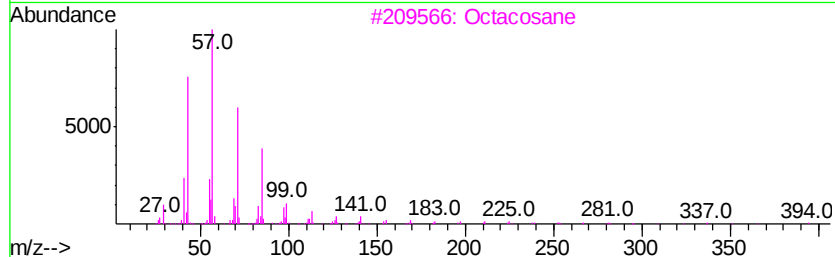
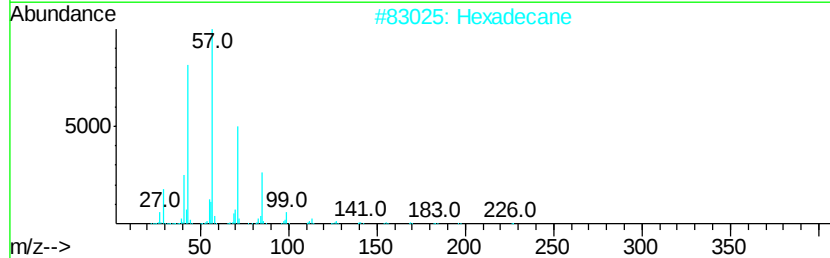
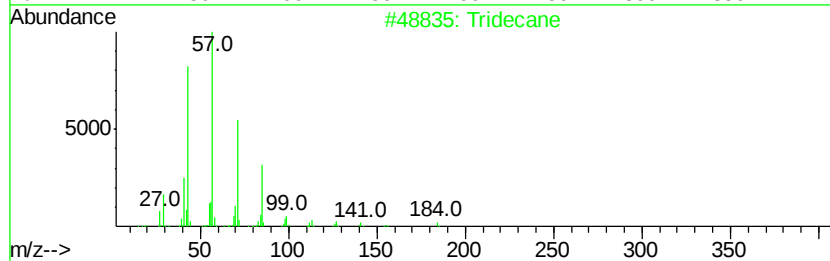
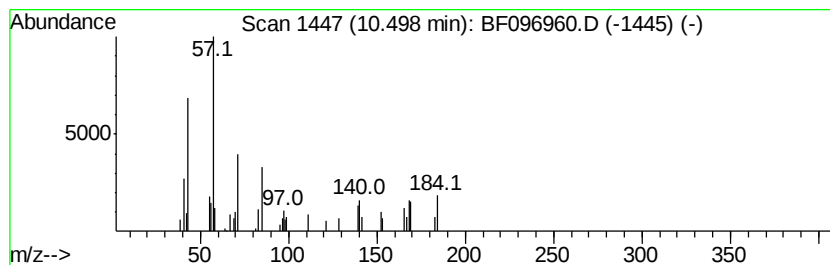
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	4.05 ng	99395	Phenanthrene-d10	11.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	93
2	Hexadecane		226	C16H34	000544-76-3	72
3	Octacosane		394	C28H58	000630-02-4	64
4	Tetradecane		198	C14H30	000629-59-4	64
5	Undecane		156	C11H24	001120-21-4	58



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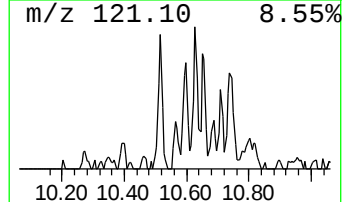
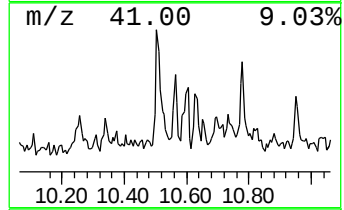
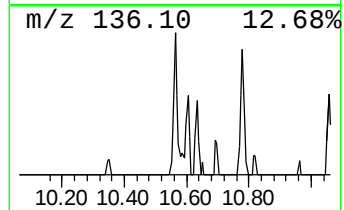
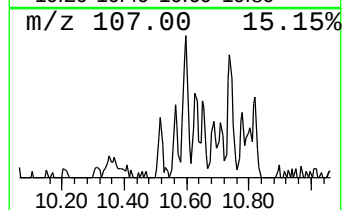
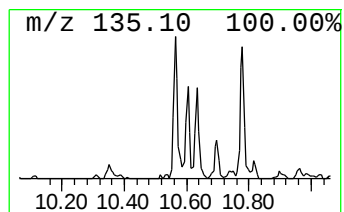
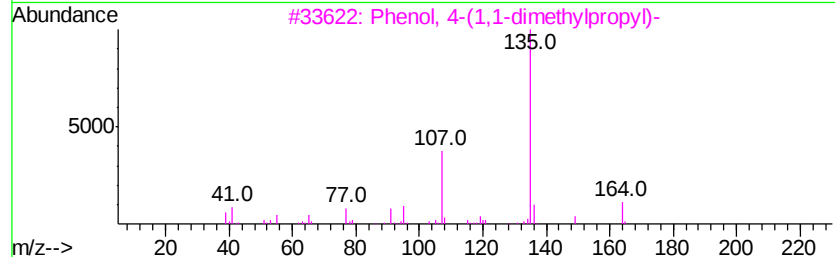
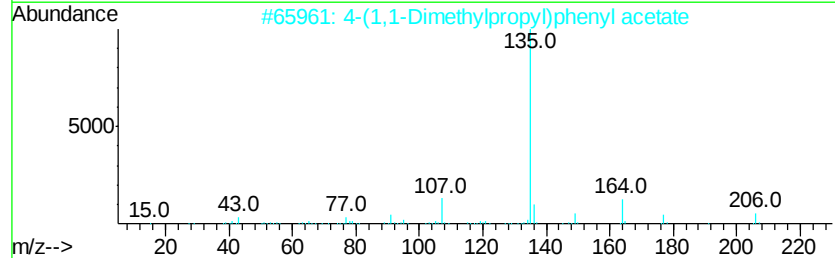
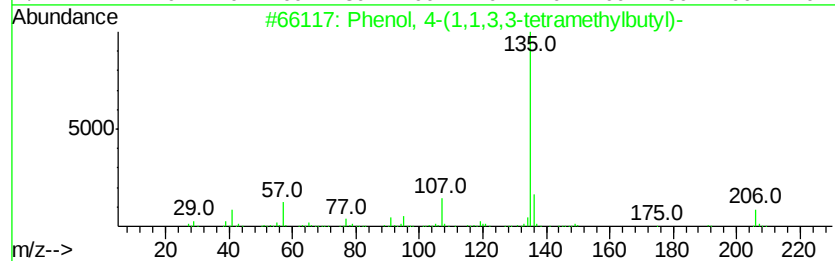
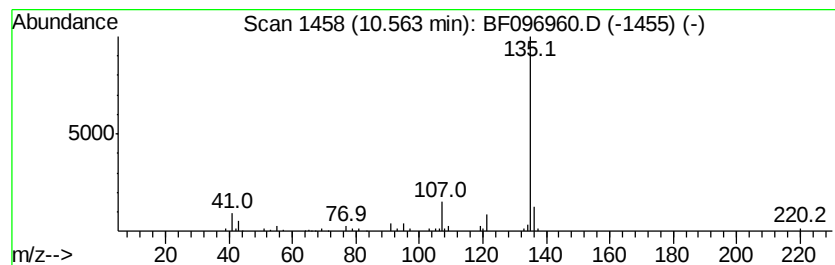
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	2.24 ng	54971	Phenanthrene-d10	11.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	83
2		4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
3		Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
4		Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6N02	296242-69-8	72
5		Benzoic acid, 4-methoxy-, diethy...	220	C12H17B03	146681-61-0	72



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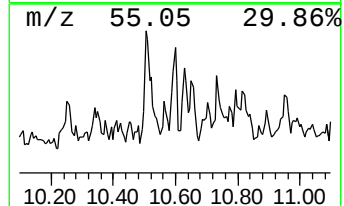
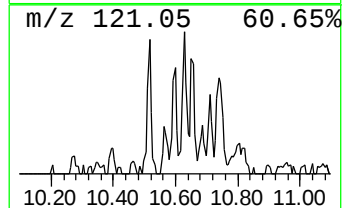
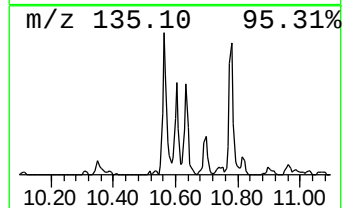
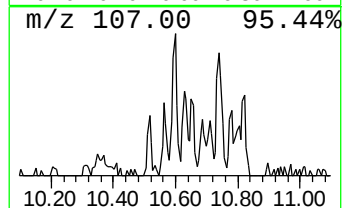
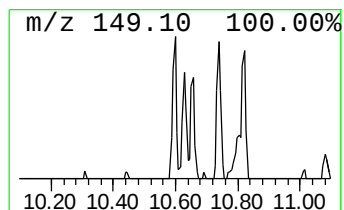
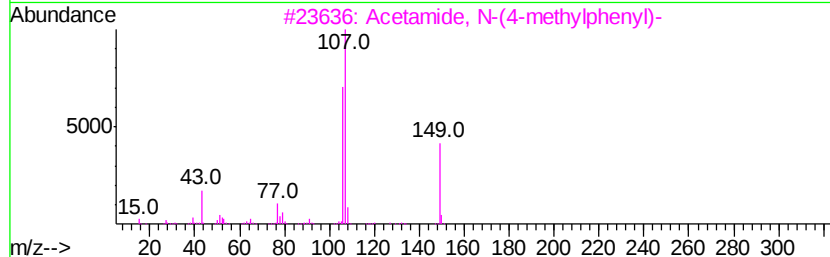
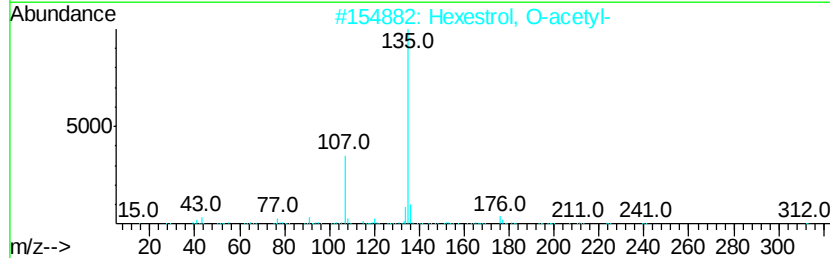
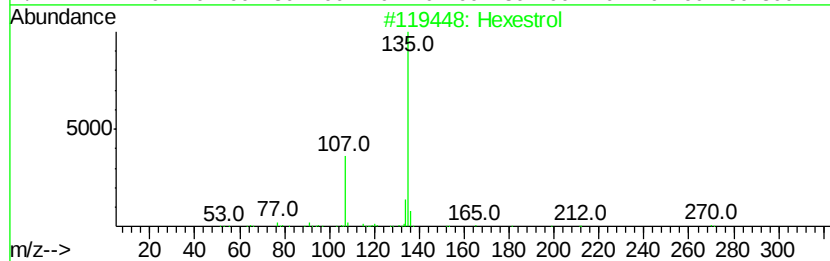
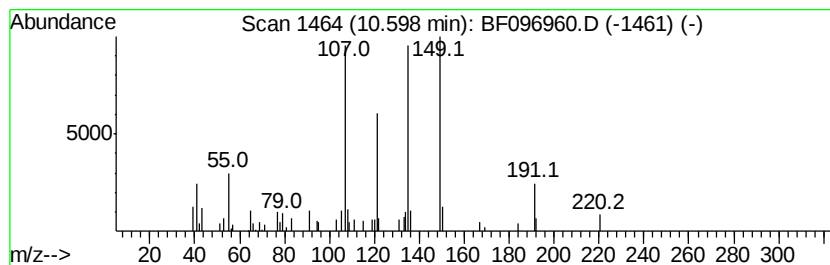
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown10.60 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.60	2.64 ng	64914	Phenanthrene-d10	11.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexestrol	270	C18H22O2	000084-16-2	47
2	Hexestrol, O-acetyl-	312	C20H24O3	1000374-87-8	47
3	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	46
4	Silane, chlorotripropyl-	192	C9H21ClSi	000995-25-5	43
5	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072117\
Data File : BF096960.D
Acq On : 21 Jul 2017 22:47
Operator : SJ/JU
Sample : I4290-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

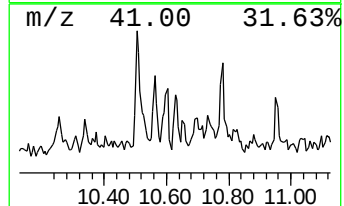
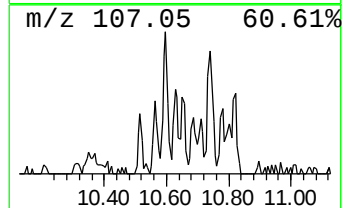
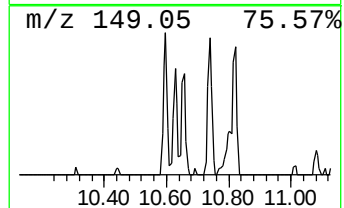
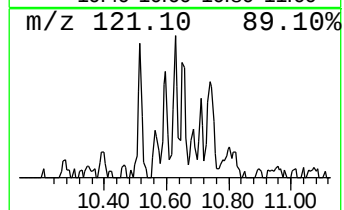
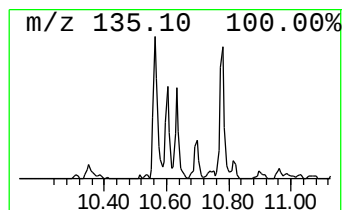
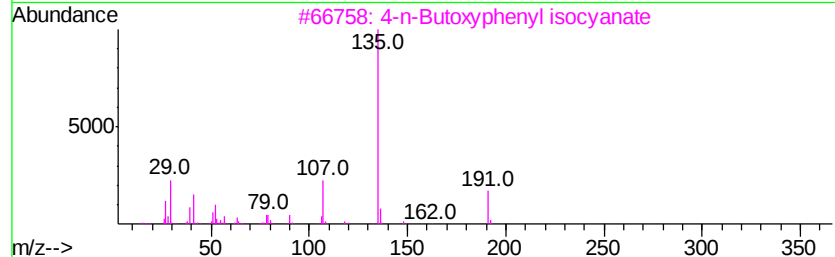
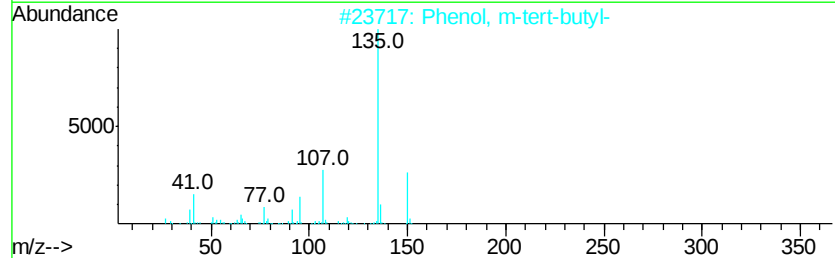
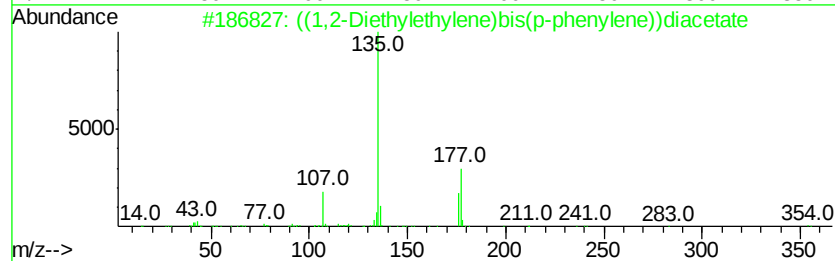
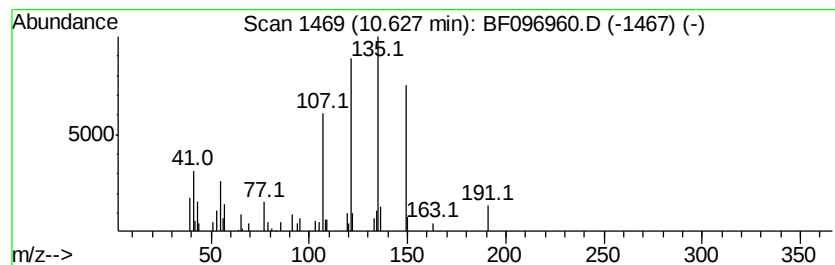
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 ((1,2-Diethylethylene)bis(p... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.63	2.15 ng	52758	Phenanthrene-d10	11.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	59
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	59
3	4-n-Butoxyphenyl isocyanate	207	C11H13NOS	1000342-44-4	53
4	Benzoic acid, 4-(bromomethyl)-	214	C8H7BrO2	006232-88-8	53
5	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072117\
Data File : BF096960.D
Acq On : 21 Jul 2017 22:47
Operator : SJ/JU
Sample : I4290-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

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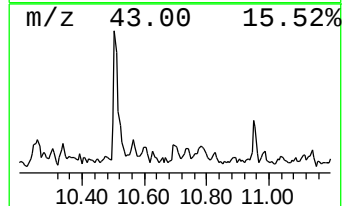
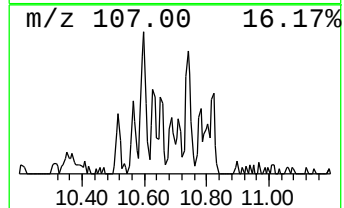
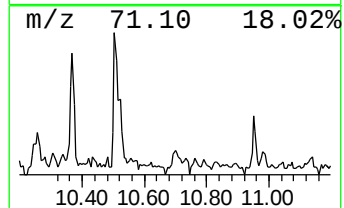
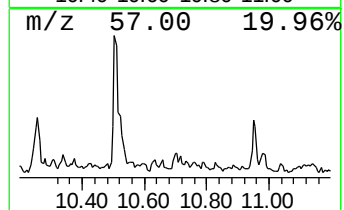
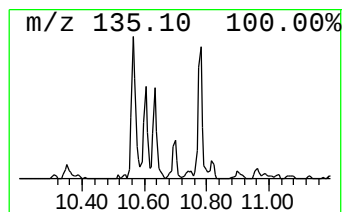
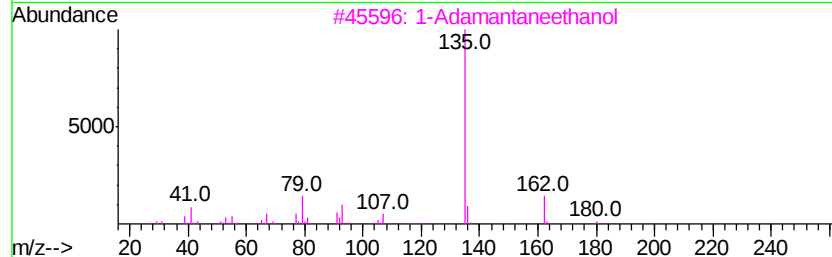
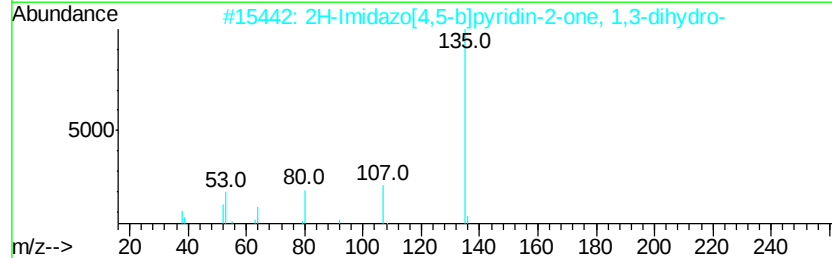
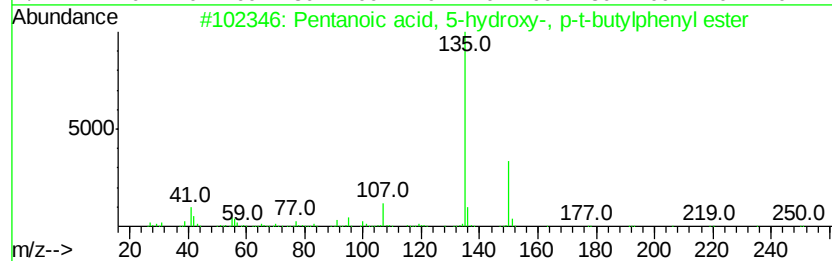
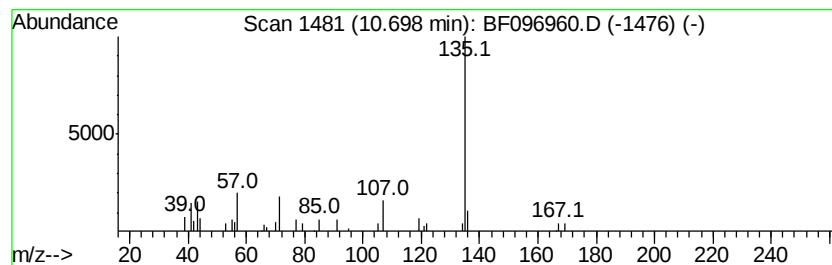
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentanoic acid, 5-hydroxy-,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	2.36 ng	57988	Phenanthrene-d10	11.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	53
2		2H-Imidazo[4,5-b]pyridin-2-one, ...	135	C6H5N3O	016328-62-4	53
3		1-Adamantaneethanol	180	C12H20O	006240-11-5	40
4		1-Adamantanecarboxylic acid, 3,5...	292	C17H18F2O2	1000293-75-1	40
5		Hexestrol	270	C18H22O2	005635-50-7	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072117\
Data File : BF096960.D
Acq On : 21 Jul 2017 22:47
Operator : SJ/JU
Sample : I4290-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

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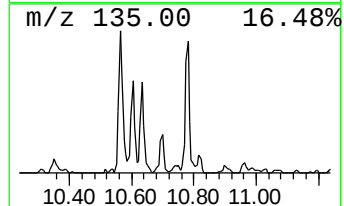
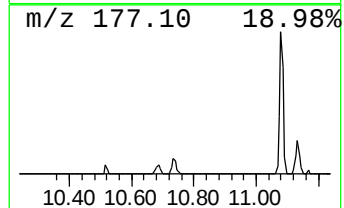
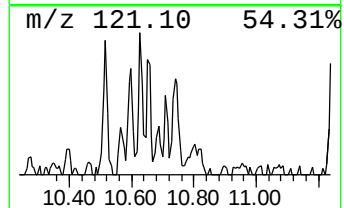
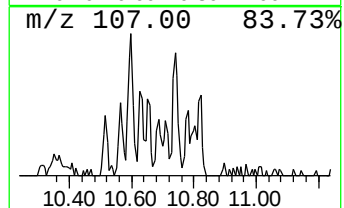
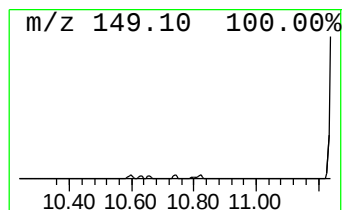
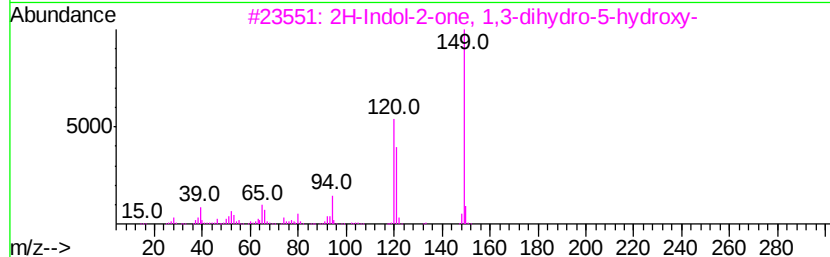
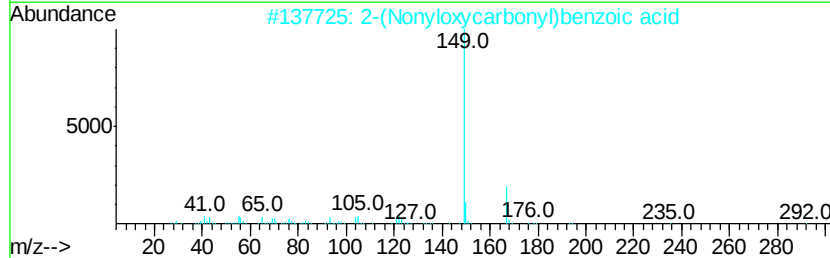
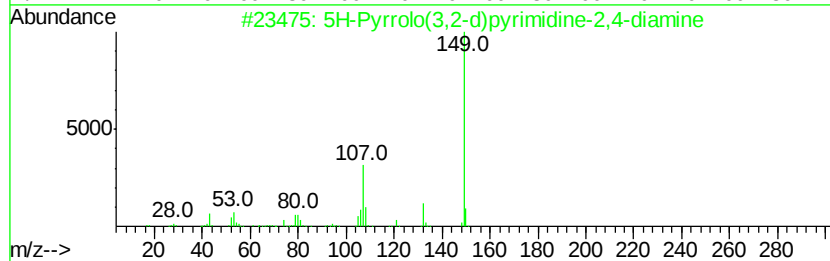
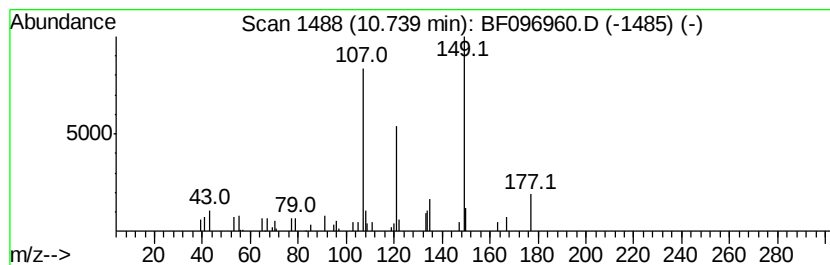
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown10.74 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	2.23 ng	54734	Phenanthrene-d10	11.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	32
2		2-(Nonyloxycarbonyl)benzoic acid	292	C17H24O4	1000373-89-9	27
3		2H-Indol-2-one, 1,3-dihydro-5-hv...	149	C8H7NO2	003416-18-0	27
4		1H-Purin-6-amine, N-methyl-	149	C6H7N5	000443-72-1	27
5		5-Methylthieno[3,2-b]pyridine	149	C8H7NS	001759-29-1	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096960.D
Acq On : 21 Jul 2017 22:47
Operator : SJ/JU
Sample : I4290-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

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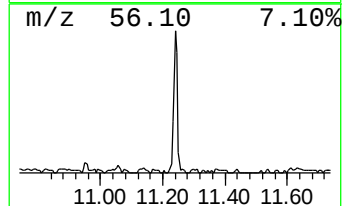
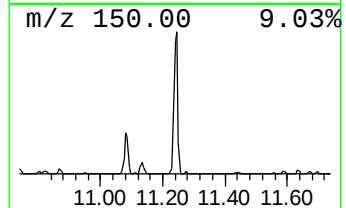
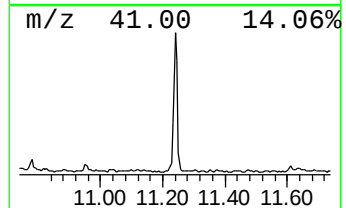
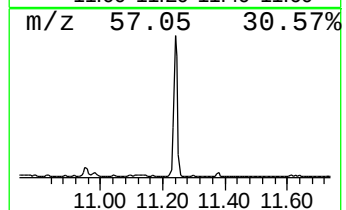
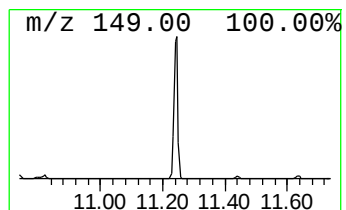
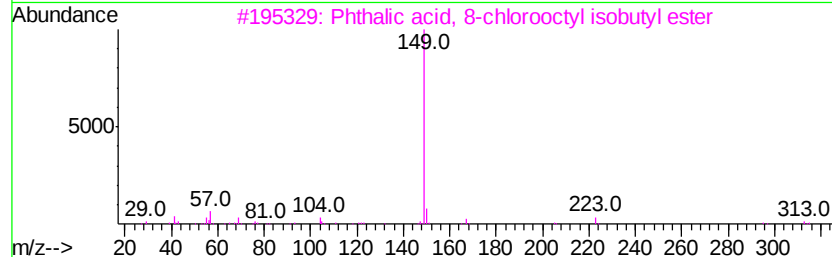
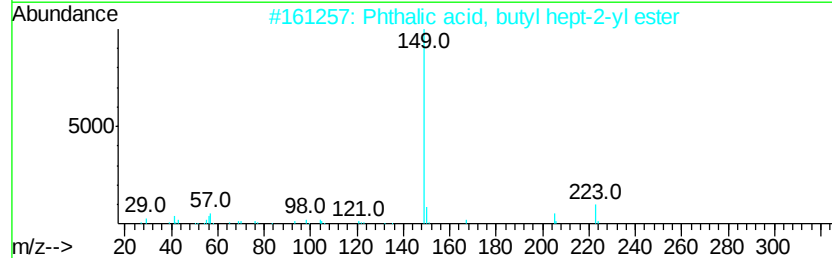
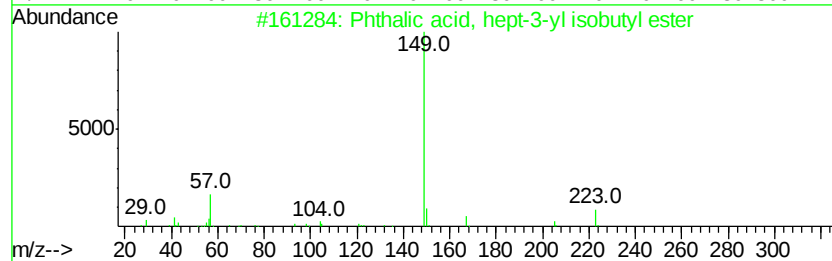
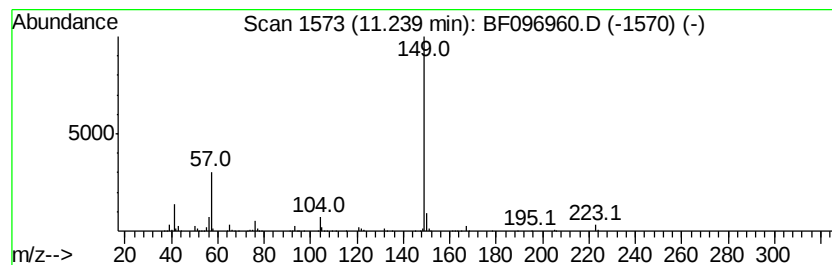
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phthalic acid, hept-3-yl is... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	21.04 ng	516725	Phenanthrene-d10	11.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, hept-3-yl isobuty...	320	C19H28O4	1000356-98-6	86
2		Phthalic acid, butyl hept-2-yl e...	320	C19H28O4	1000356-97-1	83
3		Phthalic acid, 8-chlorooctyl iso...	368	C20H29ClO4	1000356-85-8	78
4		Phthalic acid, butyl 8-chlorooct...	368	C20H29ClO4	1000356-85-9	78
5		1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096960.D
Acq On : 21 Jul 2017 22:47
Operator : SJ/JU
Sample : I4290-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S-1

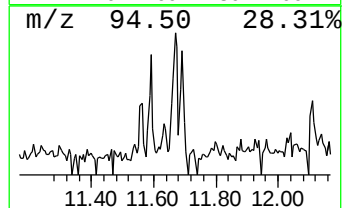
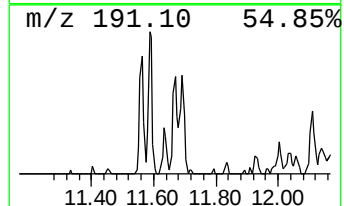
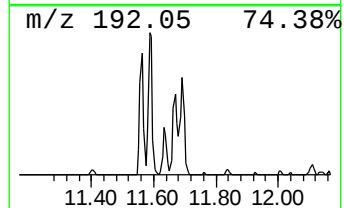
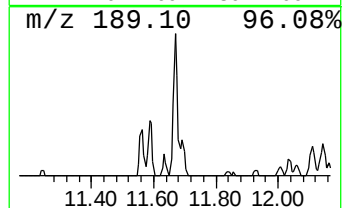
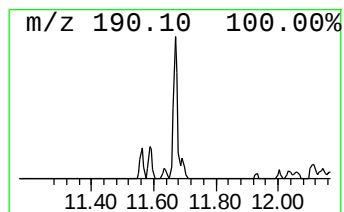
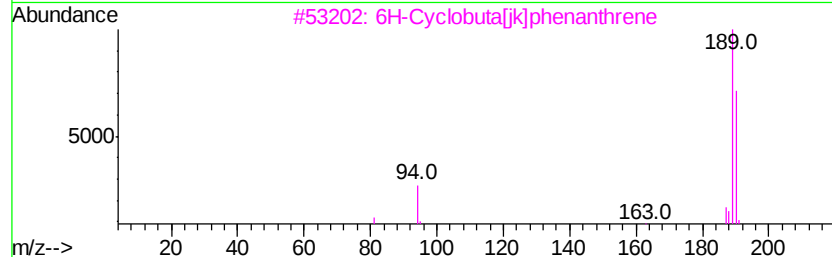
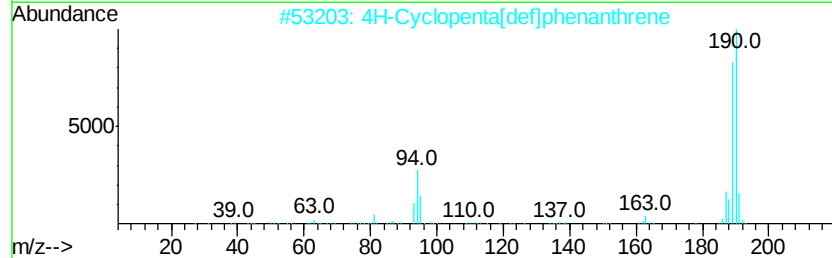
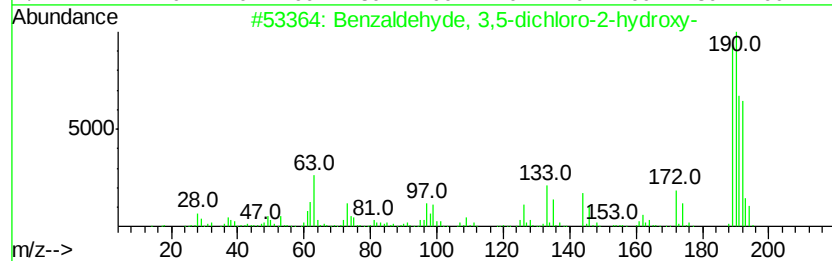
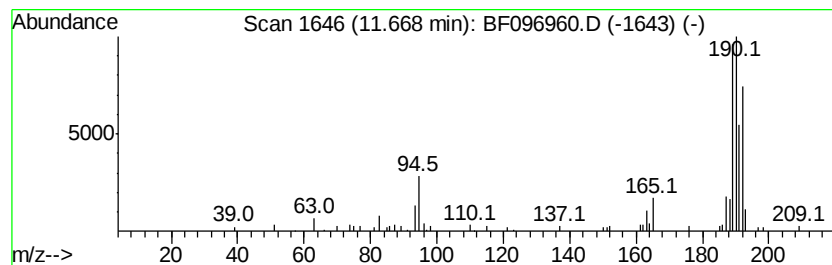
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzaldehyde, 3,5-dichloro-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	2.79 ng	68620	Phenanthrene-d10	11.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	49
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
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Misc :
ALS Vial : 25 Sample Multiplier: 1

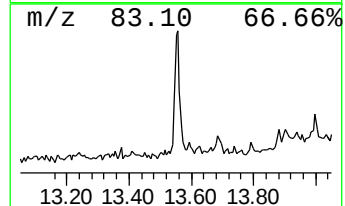
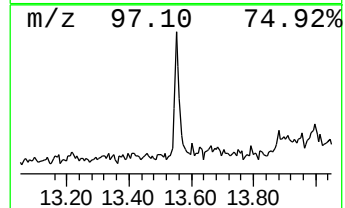
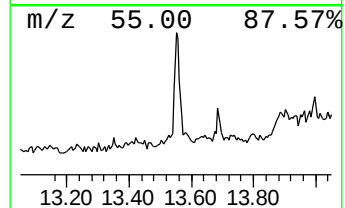
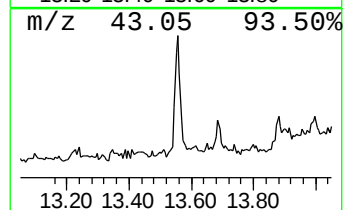
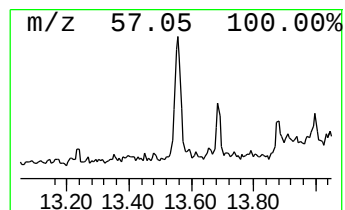
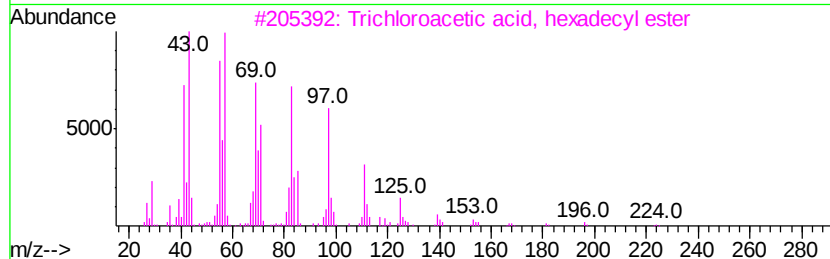
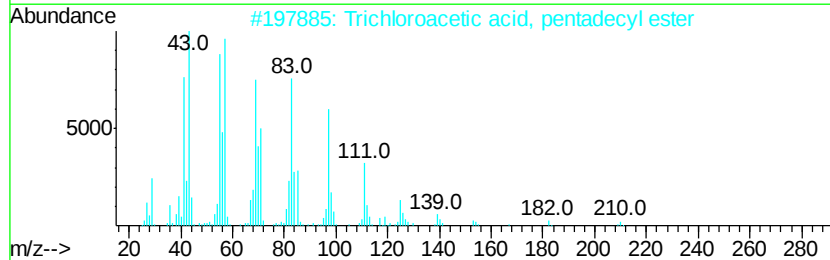
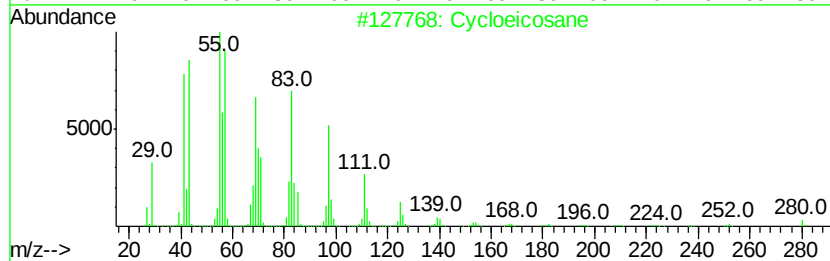
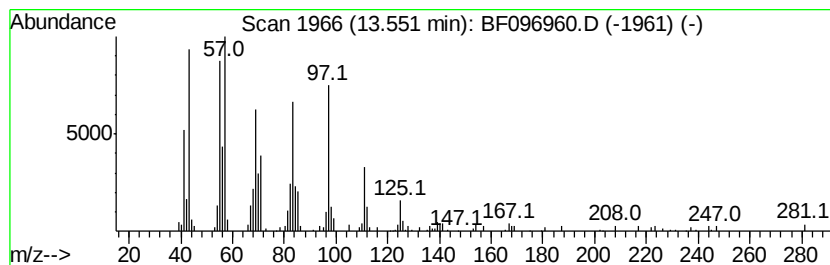
Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cycloeicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.55	4.58 ng	199399	Chrysene-d12	13.69	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	87
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
4	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	83
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072117\
Data File : BF096960.D
Acq On : 21 Jul 2017 22:47
Operator : SJ/JU
Sample : I4290-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

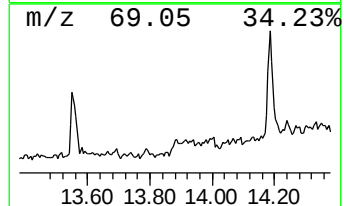
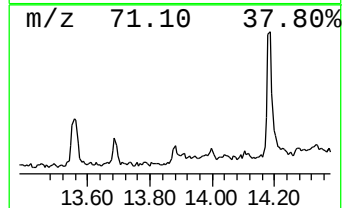
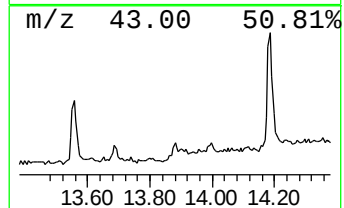
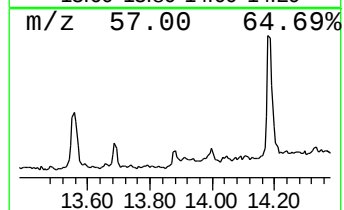
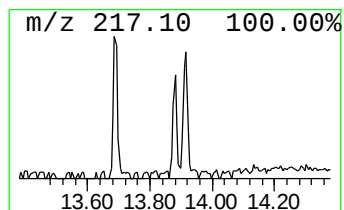
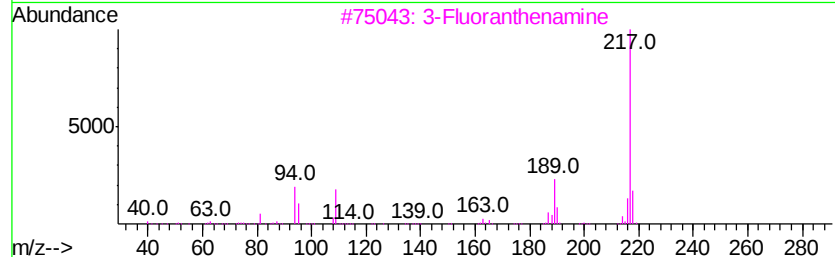
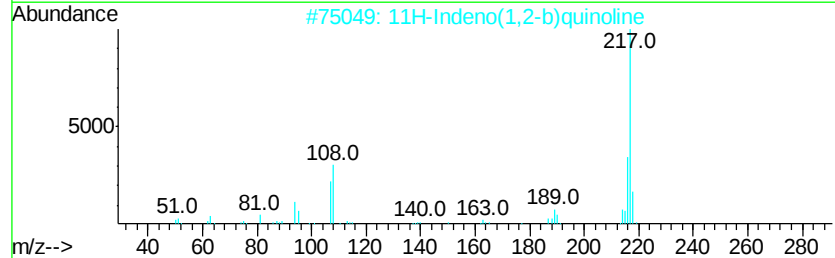
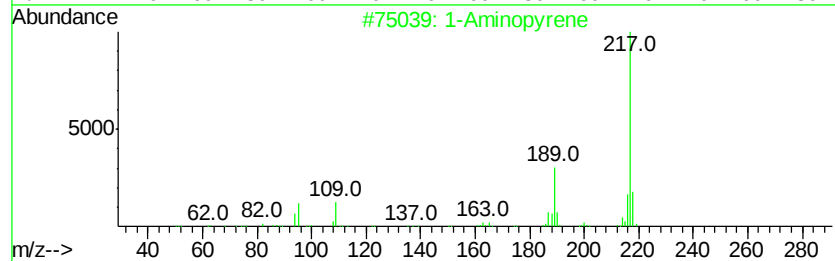
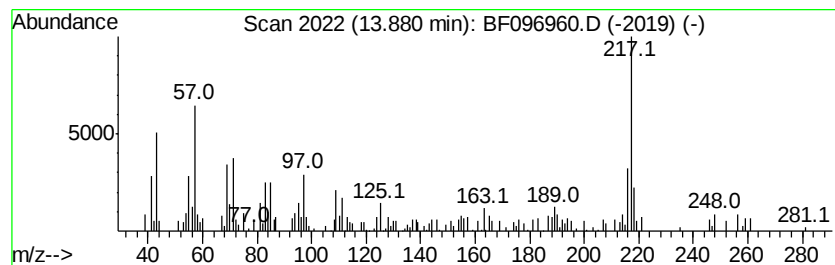
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Aminopyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.88	2.14 ng	93167	Chrysene-d12		13.69	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Aminopyrene	217	C16H11N	001606-67-3	53
2		11H-Indeno(1,2-b)quinoline	217	C16H11N	000243-51-6	53
3		3-Fluoranthenamine	217	C16H11N	002693-46-1	50
4		11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	49
5		Benzo(c)carbazole	217	C16H11N	034777-33-8	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096960.D
Acq On : 21 Jul 2017 22:47
Operator : SJ/JU
Sample : I4290-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

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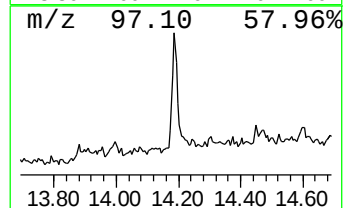
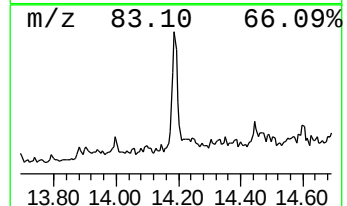
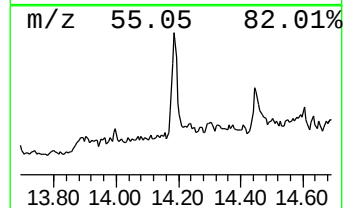
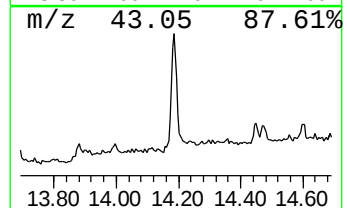
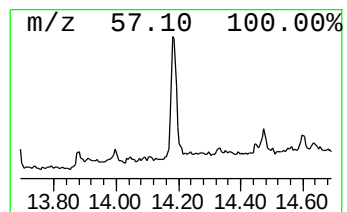
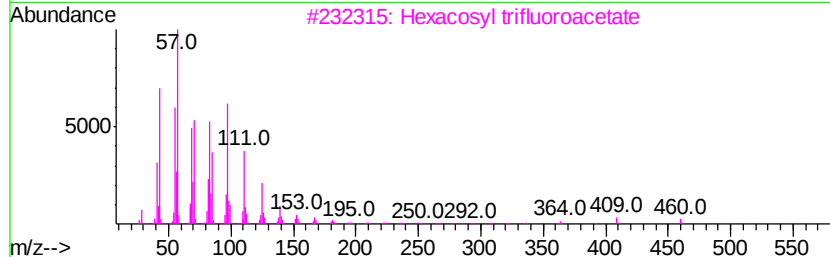
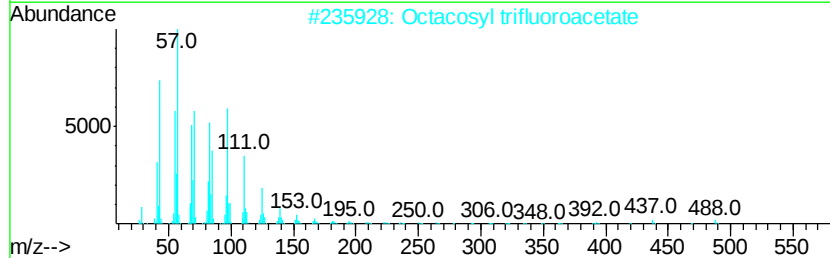
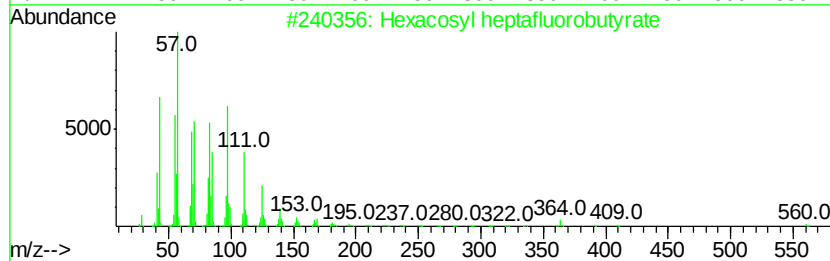
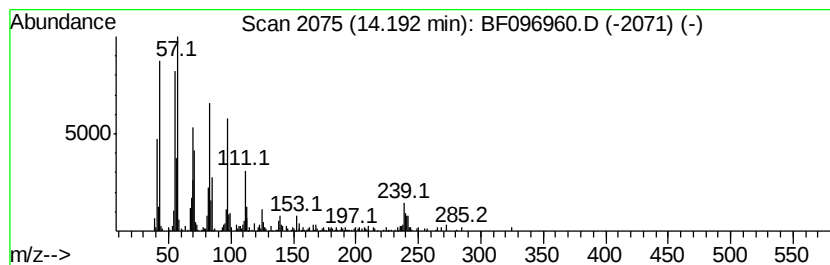
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexacosyl heptafluorobutyrate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	6.54 ng	284422	Chrysene-d12	13.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	91
2			Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
3			Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	91
4			Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	91
5			Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072117\
Data File : BF096960.D
Acq On : 21 Jul 2017 22:47
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Sample : I4290-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

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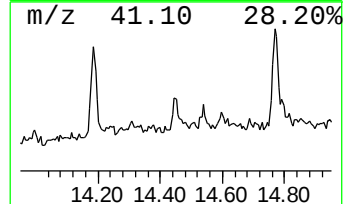
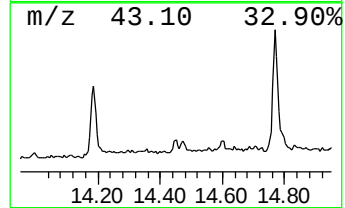
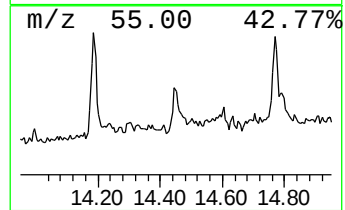
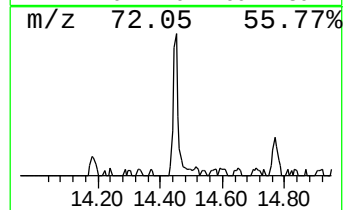
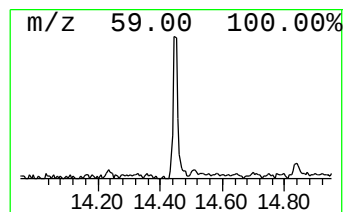
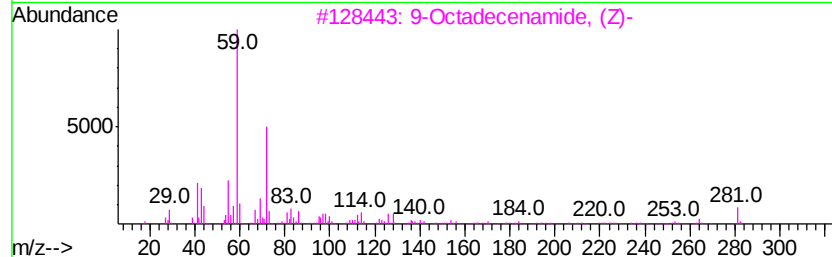
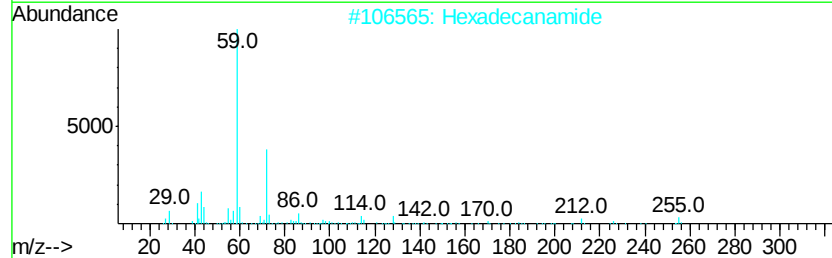
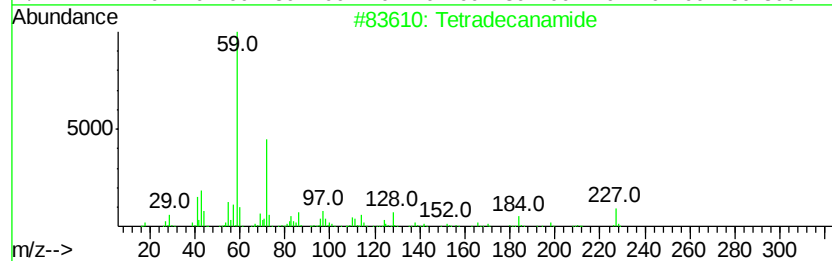
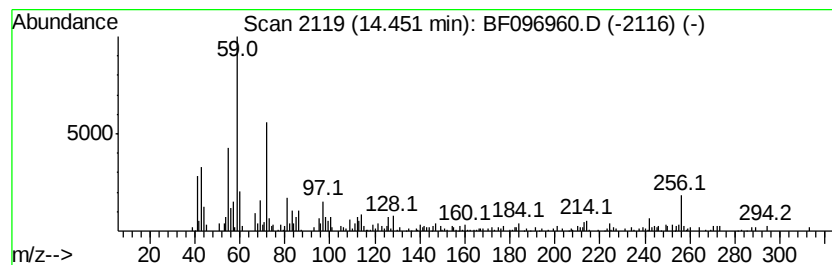
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetradecanamide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	4.76 ng	122179	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanamide	227	C14H29NO	000638-58-4	72
2		Hexadecanamide	255	C16H33NO	000629-54-9	68
3		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
4		Dodecanamide	199	C12H25NO	001120-16-7	59
5		7-Nonenamide	155	C9H17NO	090949-53-4	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072117\
Data File : BF096960.D
Acq On : 21 Jul 2017 22:47
Operator : SJ/JU
Sample : I4290-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

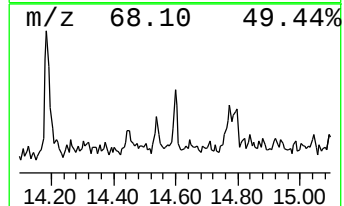
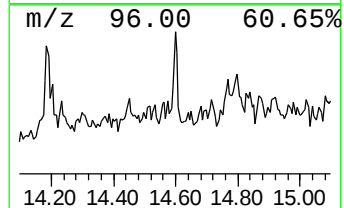
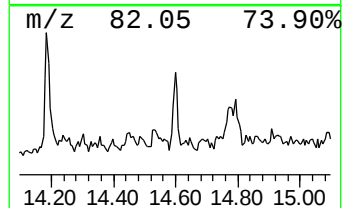
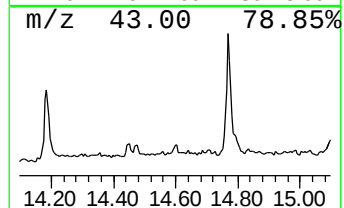
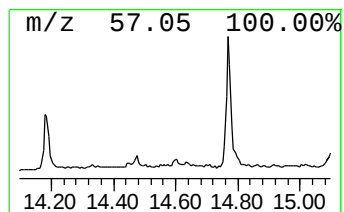
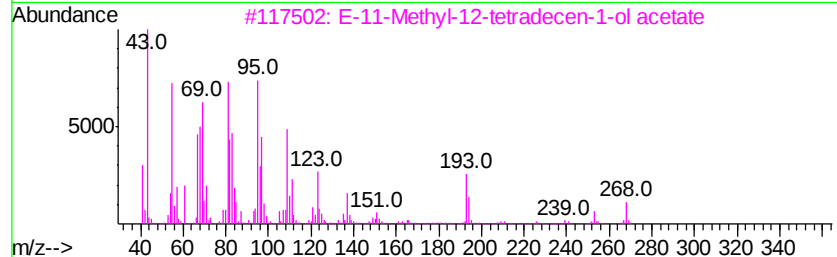
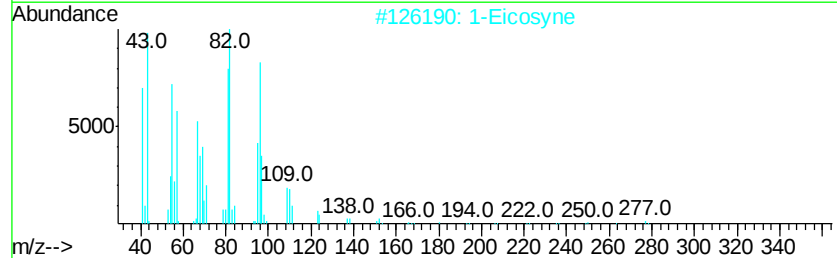
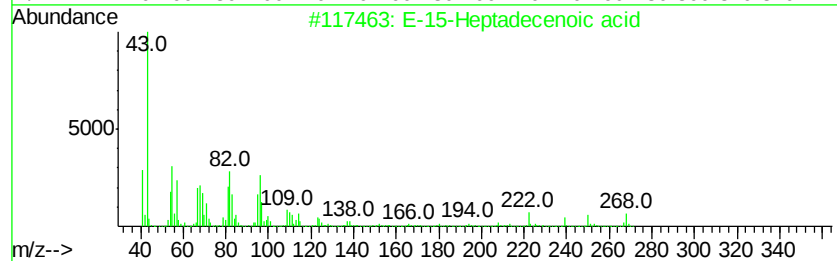
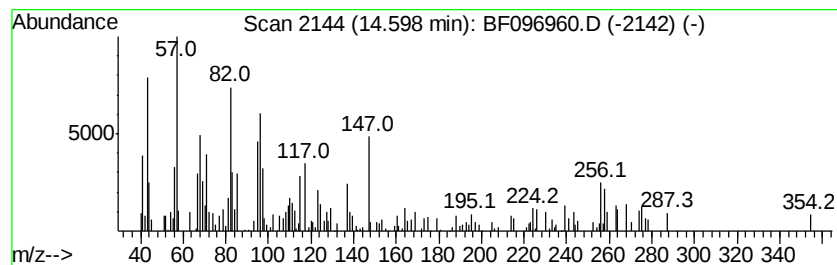
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 E-15-Heptadecenoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.60	2.33 ng	59760	Perylene-d12	15.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenoic acid	268	C17H32O2	1000130-98-1	78
2	1-Eicosyne	278	C20H38	000765-27-5	50
3	E-11-Methyl-12-tetradecen-1-ol a...	268	C17H32O2	1000130-80-7	48
4	Z-4-Nonadecen-1-ol acetate	324	C21H40O2	1000131-08-3	47
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072117\
Data File : BF096960.D
Acq On : 21 Jul 2017 22:47
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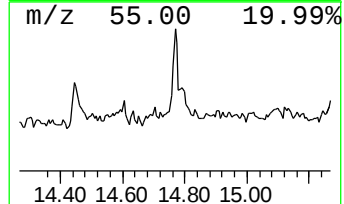
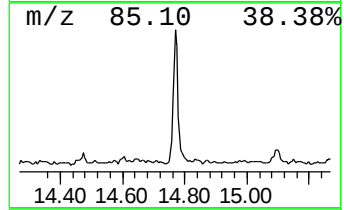
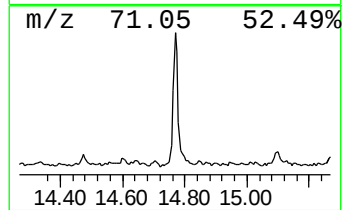
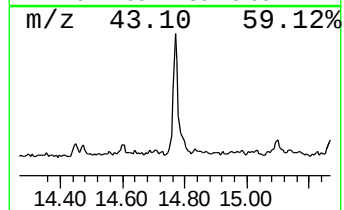
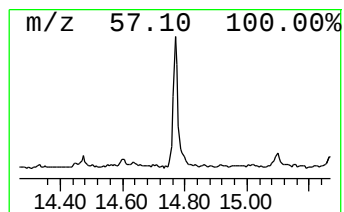
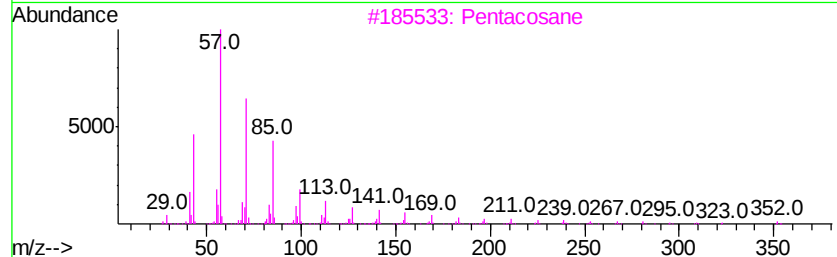
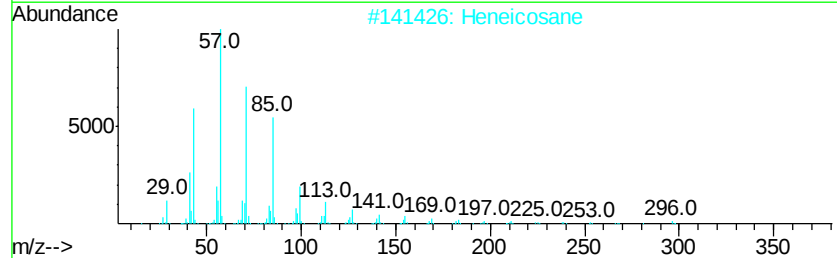
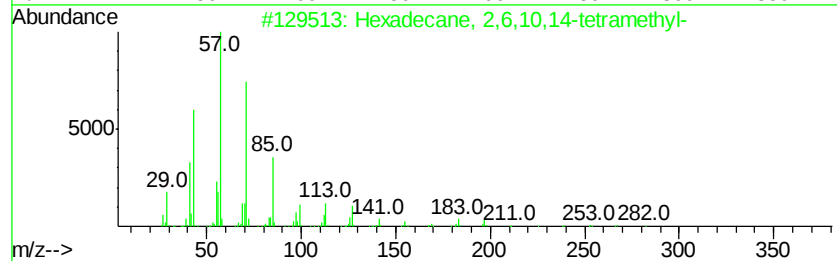
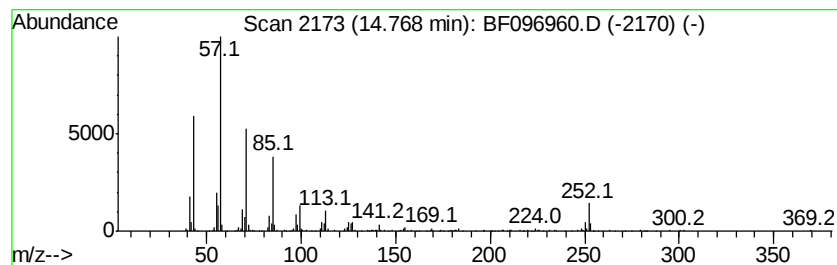
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane, 2,6,10,14-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	18.74 ng	480500	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
2		Heneicosane	296	C21H44	000629-94-7	76
3		Pentacosane	352	C25H52	000629-99-2	72
4		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	72
5		Eicosane	282	C20H42	000112-95-8	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
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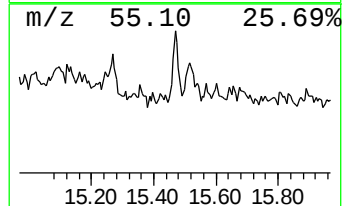
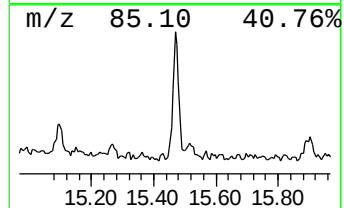
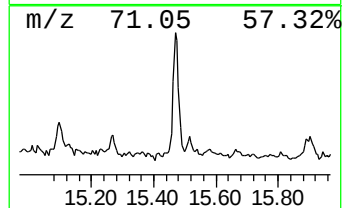
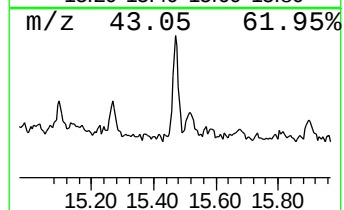
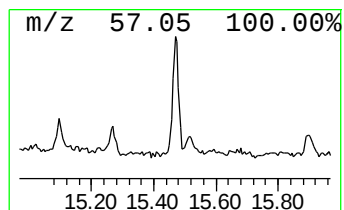
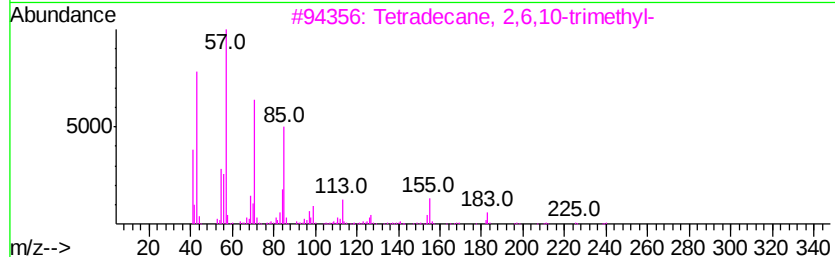
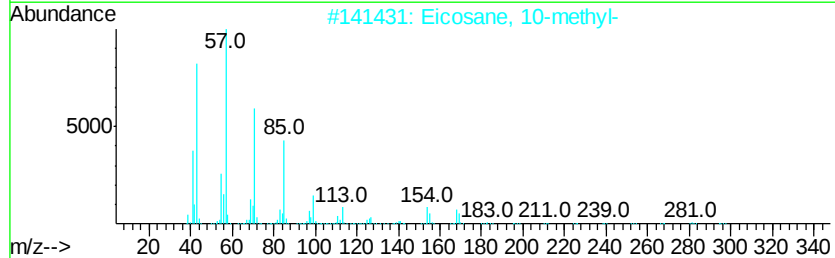
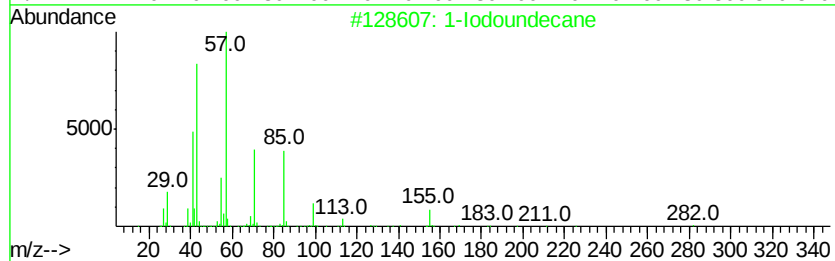
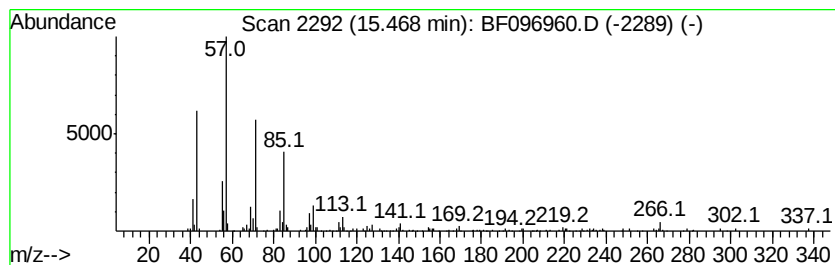
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-Iodoundecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.47	6.66 ng	170732	Perylene-d12	15.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodoundecane	282	C11H23I	004282-44-4	81
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72
4	Heptadecane	240	C17H36	000629-78-7	72
5	triacontane	422	C30H62	000638-68-6	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096960.D
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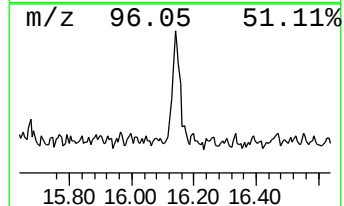
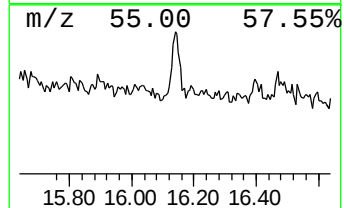
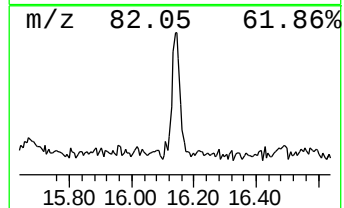
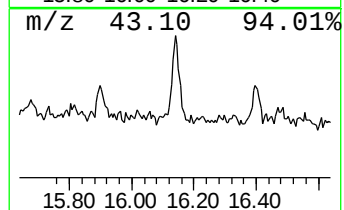
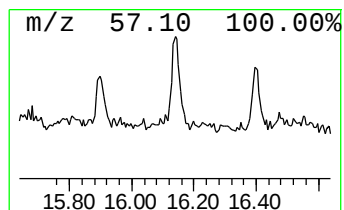
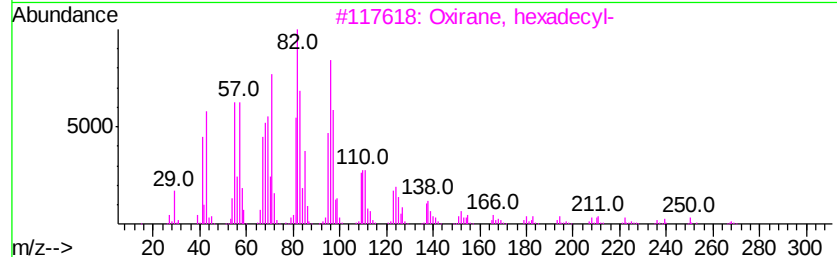
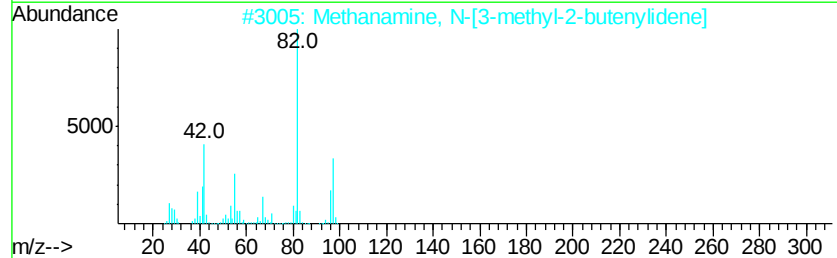
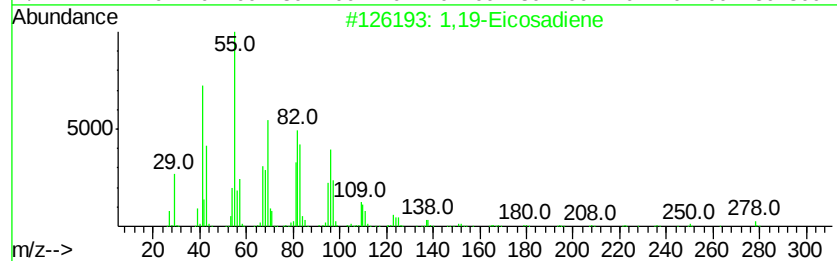
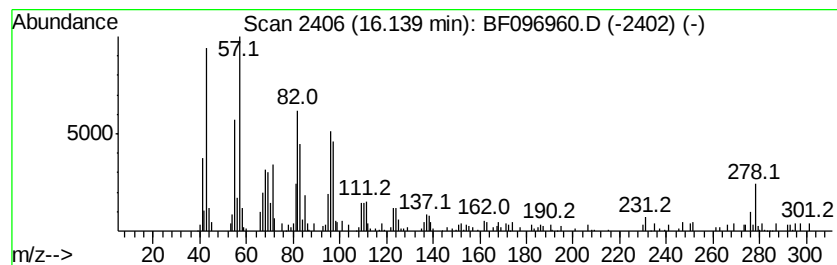
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 unknown16.14 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	6.92 ng	177478	Perylene-d12	15.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,19-Eicosadiene	278	C20H38	014811-95-1	46
2			Methanamine, N-[3-methyl-2-buten...	97	C6H11N	1000196-86-4	38
3			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	38
4			1,16-Hexadecanediol	258	C16H34O2	007735-42-4	38
5			Octadecanal	268	C18H36O	000638-66-4	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072117\
 Data File : BF096960.D
 Acq On : 21 Jul 2017 22:47
 Operator : SJ/JU
 Sample : I4290-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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...	4.72	9.2 ng		281714	1	6.56	615117	20.0
unknown6.33	6.33	82.4 ng		2535580	1	6.56	615117	20.0
Tridecane	10.50	4.0 ng		99395	4	11.06	491278	20.0
Phenol, 4-(1,1,3,...	10.56	2.2 ng		54971	4	11.06	491278	20.0
unknown10.60	10.60	2.6 ng		64914	4	11.06	491278	20.0
((1,2-Diethylethy...	10.63	2.1 ng		52758	4	11.06	491278	20.0
Pentanoic acid, 5...	10.70	2.4 ng		57988	4	11.06	491278	20.0
unknown10.74	10.74	2.2 ng		54734	4	11.06	491278	20.0
Phthalic acid, he...	11.24	21.0 ng		516725	4	11.06	491278	20.0
Benzaldehyde, 3,5...	11.67	2.8 ng		68620	4	11.06	491278	20.0
Cycloeicosane	13.55	4.6 ng		199399	5	13.69	870125	20.0
1-Aminopyrene	13.88	2.1 ng		93167	5	13.69	870125	20.0
Hexacosyl heptafl...	14.19	6.5 ng		284422	5	13.69	870125	20.0
Tetradecanamide	14.45	4.8 ng		122179	6	15.05	512847	20.0
E-15-Heptadeceno...	14.60	2.3 ng		59760	6	15.05	512847	20.0
Hexadecane, 2,6,1...	14.77	18.7 ng		480500	6	15.05	512847	20.0
1-Iodoundecane	15.47	6.7 ng		170732	6	15.05	512847	20.0
unknown16.14	16.14	6.9 ng		177478	6	15.05	512847	20.0