

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
 Data File : BF081579.D
 Acq On : 10 Sep 2015 22:10
 Operator : UM/IZ
 Sample : G3590-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TYB5(1.5-2)

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.463	9	11	17	rBV	105609	294475	11.75%	1.453%
2	1.554	17	19	56	rVB	709889	2507104	100.00%	12.373%
3	4.583	279	284	294	rBV	275830	751970	29.99%	3.711%
4	5.452	357	360	379	rBV	645317	1332739	53.16%	6.577%
5	7.715	554	558	562	rBV	666463	1208920	48.22%	5.966%
6	7.795	562	565	571	rVB	724053	1353717	54.00%	6.681%
7	8.263	603	606	610	rVB	171911	292448	11.66%	1.443%
8	8.595	631	635	638	rBV	631215	1015321	40.50%	5.011%
9	9.566	716	720	723	rBV	482899	785294	31.32%	3.876%
10	10.195	769	775	778	rBV	15158	35177	1.40%	0.174%
11	11.166	857	860	863	rBV	216505	329593	13.15%	1.627%
12	13.087	1025	1028	1034	rBV	13963	34979	1.40%	0.173%
13	13.818	1088	1092	1095	rBV	744086	1194032	47.63%	5.893%
14	14.870	1181	1184	1189	rBV	132859	219958	8.77%	1.086%
15	15.247	1215	1217	1219	rBV	27450	48097	1.92%	0.237%
16	15.304	1219	1222	1227	rVB2	166207	312803	12.48%	1.544%
17	15.624	1247	1250	1255	rVB2	19256	38063	1.52%	0.188%
18	16.710	1341	1345	1348	rVB	14720	28268	1.13%	0.140%
19	17.213	1385	1389	1392	rBV	354406	653133	26.05%	3.223%
20	17.533	1412	1417	1420	rBV2	16746	37889	1.51%	0.187%
21	17.841	1441	1444	1453	rBV4	29462	75478	3.01%	0.373%
22	18.504	1497	1502	1505	rBV3	14583	35580	1.42%	0.176%
23	18.813	1525	1529	1532	rVV	165538	287767	11.48%	1.420%
24	18.870	1532	1534	1537	rVV	84142	124572	4.97%	0.615%
25	18.939	1537	1540	1542	rVV	18271	33259	1.33%	0.164%
26	18.984	1542	1544	1548	rVB	31226	59213	2.36%	0.292%
27	19.373	1575	1578	1580	rVB	15833	27889	1.11%	0.138%
28	19.476	1583	1587	1592	rBV	14161	28741	1.15%	0.142%
29	19.556	1592	1594	1598	rBV4	12884	28018	1.12%	0.138%
30	19.979	1627	1631	1634	rBV2	15363	37013	1.48%	0.183%
31	20.104	1639	1642	1645	rVB	14804	27652	1.10%	0.136%
32	20.482	1670	1675	1680	rBV	142638	344068	13.72%	1.698%
33	20.596	1680	1685	1695	rVV	295187	659970	26.32%	3.257%
34	20.790	1698	1702	1706	rVB3	30197	75795	3.02%	0.374%

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35	20.939	1711	1715	1717	rBV3	13865	35884	1.43%	0.177%
36	20.984	1717	1719	1722	rVB	18493	26492	1.06%	0.131%
37	21.076	1724	1727	1729	rBV4	13043	28326	1.13%	0.140%
38	21.282	1739	1745	1749	rBV5	40023	117299	4.68%	0.579%
39	21.350	1749	1751	1757	rVB3	25816	47007	1.87%	0.232%
40	21.476	1759	1762	1764	rBV	244670	309785	12.36%	1.529%
41	21.590	1770	1772	1774	rBV	18871	32406	1.29%	0.160%
42	21.819	1790	1792	1798	rVV	280743	565498	22.56%	2.791%
43	21.956	1801	1804	1810	rVV2	166161	292409	11.66%	1.443%
44	22.070	1810	1814	1818	rVV4	25801	92519	3.69%	0.457%
45	22.150	1818	1821	1823	rVV	875431	1086031	43.32%	5.360%
46	22.185	1823	1824	1827	rVB	23416	35579	1.42%	0.176%
47	22.470	1847	1849	1853	rBV2	23005	46489	1.85%	0.229%
48	22.573	1856	1858	1860	rVV2	34309	59474	2.37%	0.294%
49	22.619	1860	1862	1864	rVV	34006	46669	1.86%	0.230%
50	22.848	1880	1882	1883	rBV	32379	44764	1.79%	0.221%
51	23.156	1907	1909	1912	rVB3	41272	57604	2.30%	0.284%
52	23.270	1916	1919	1922	rBV2	62149	151469	6.04%	0.748%
53	23.396	1927	1930	1931	rBV2	182895	342362	13.66%	1.690%
54	23.419	1931	1932	1934	rVB2	194902	203044	8.10%	1.002%
55	23.533	1940	1942	1944	rBV	83130	84693	3.38%	0.418%
56	24.082	1988	1990	1993	rVB	192564	229861	9.17%	1.134%
57	24.230	2001	2003	2006	rBV	650440	811497	32.37%	4.005%
58	24.516	2026	2028	2034	rBV2	294787	416694	16.62%	2.057%
59	24.699	2040	2044	2046	rBV	305051	504857	20.14%	2.492%
60	24.871	2057	2059	2061	rBV	117461	146944	5.86%	0.725%
61	25.282	2093	2095	2096	rBV	112664	127532	5.09%	0.629%

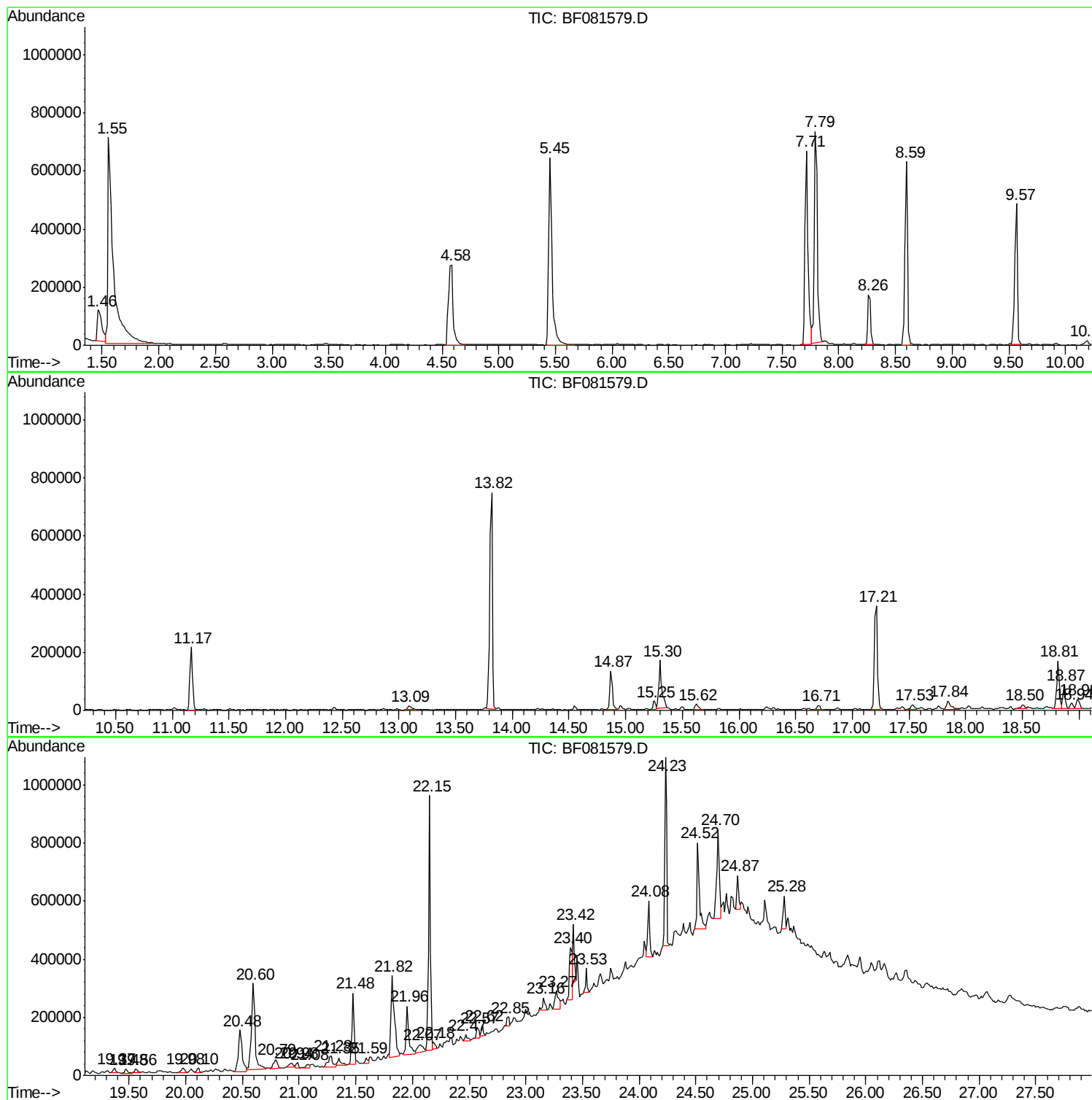
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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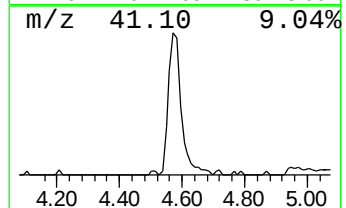
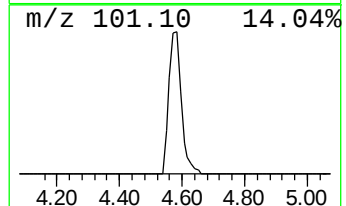
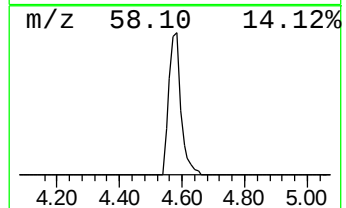
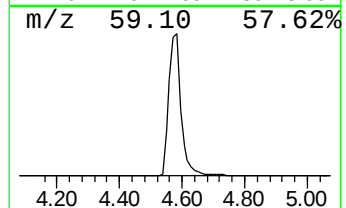
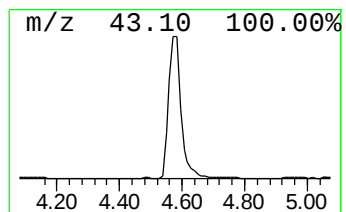
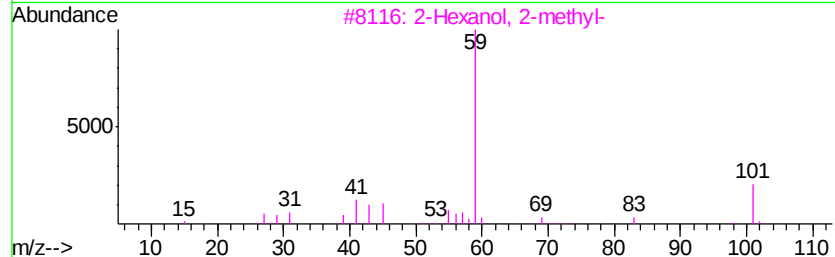
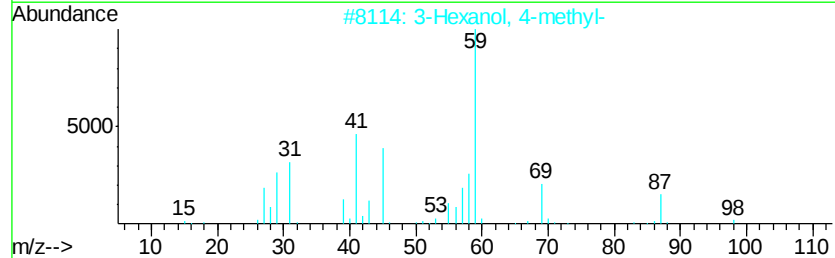
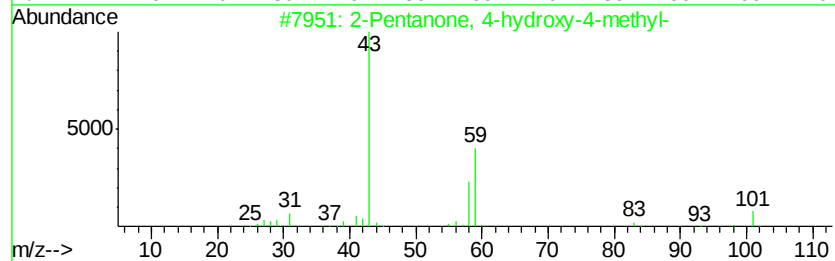
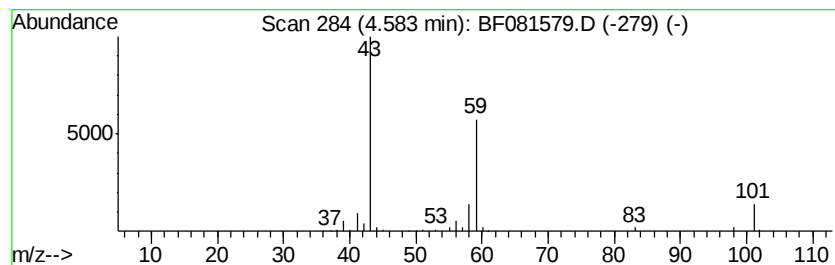
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	51.43 ng	751970	1,4-Dichlorobenzene-d4	8.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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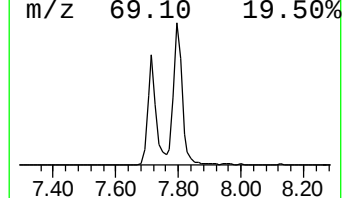
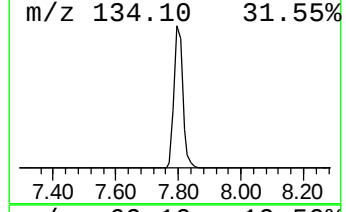
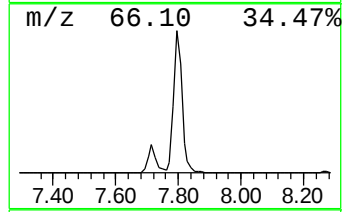
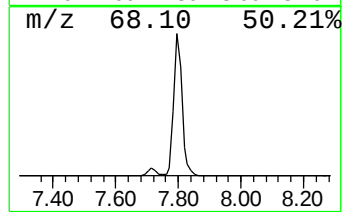
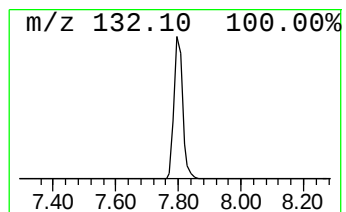
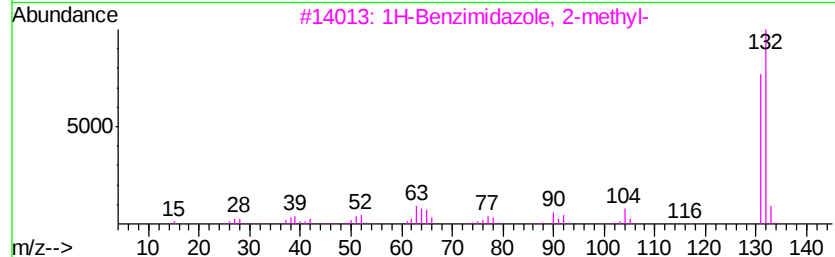
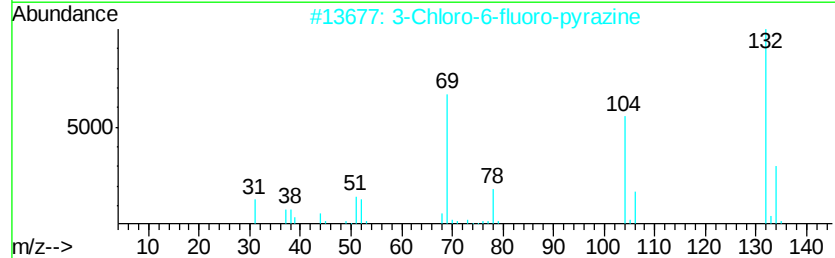
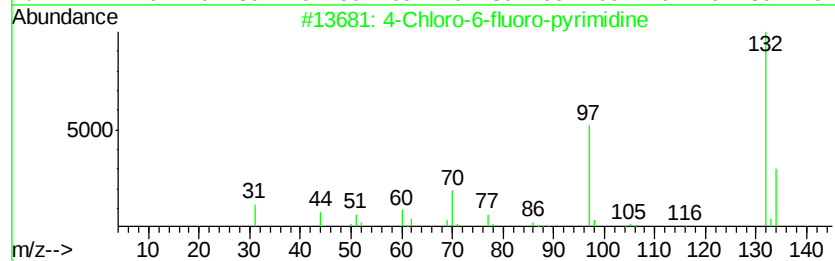
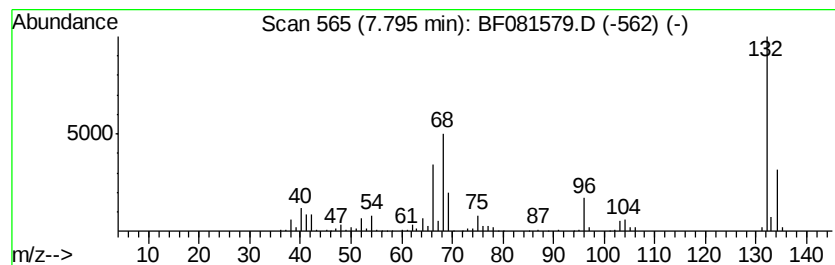
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.79 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	92.58 ng	1353720	1,4-Dichlorobenzene-d4	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		5-Aminoindole	132	C8H8N2	005192-03-0	12



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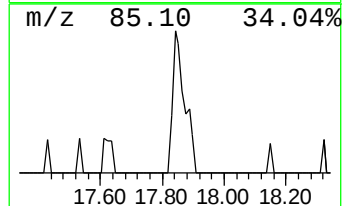
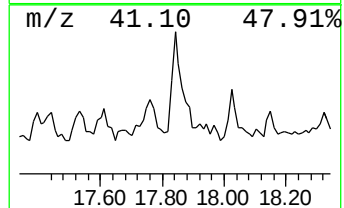
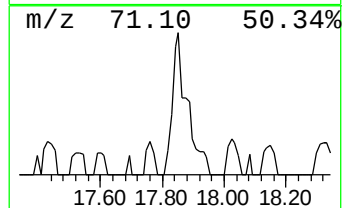
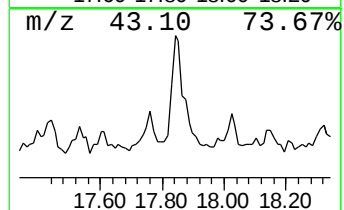
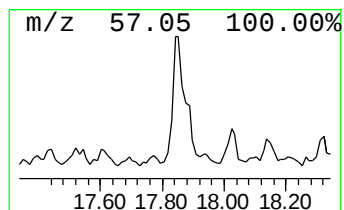
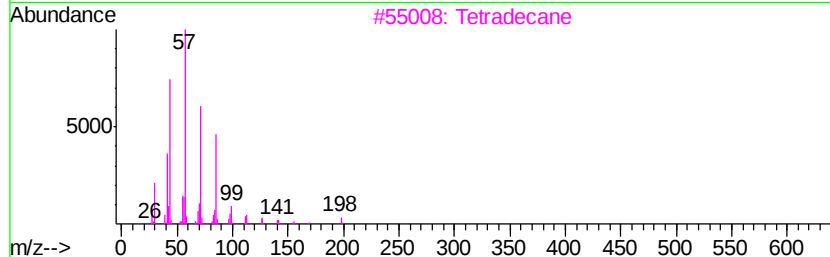
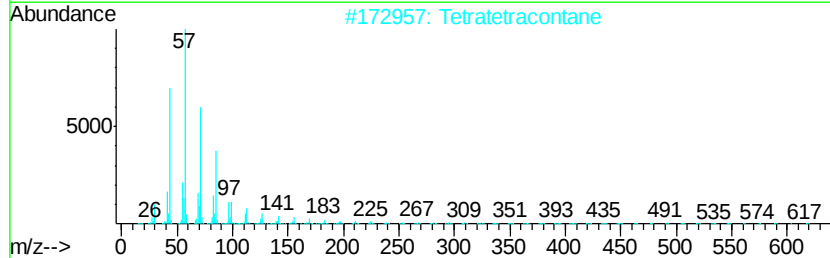
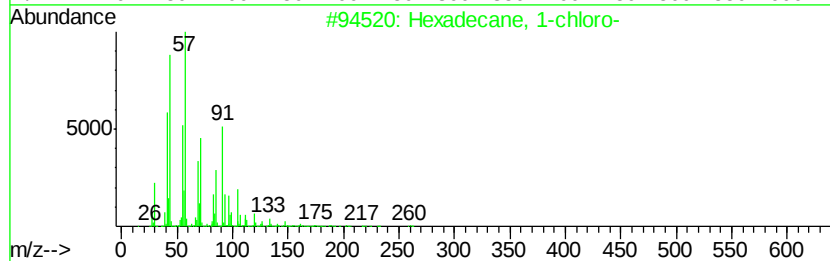
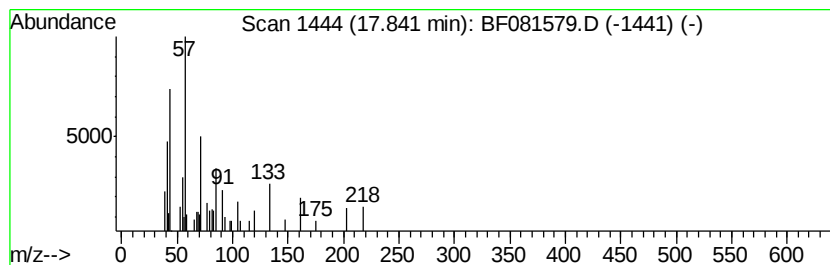
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown17.84 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	5.25 ng	75478	Phenanthrene-d10	18.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	43
2			Tetratetracontane	619	C44H90	007098-22-8	38
3			Tetradecane	198	C14H30	000629-59-4	38
4			Hexatriacontane	507	C36H74	000630-06-8	38
5			2-Bromo dodecane	248	C12H25Br	013187-99-0	38



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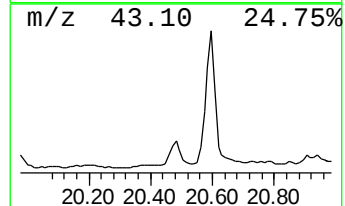
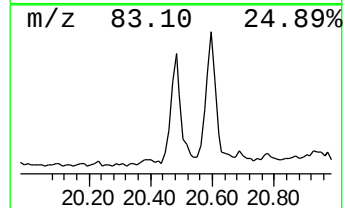
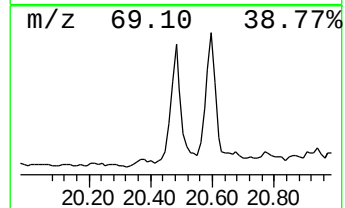
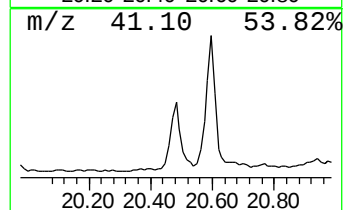
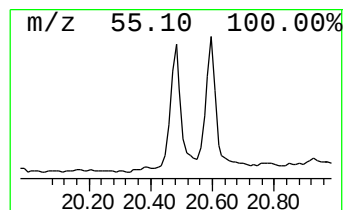
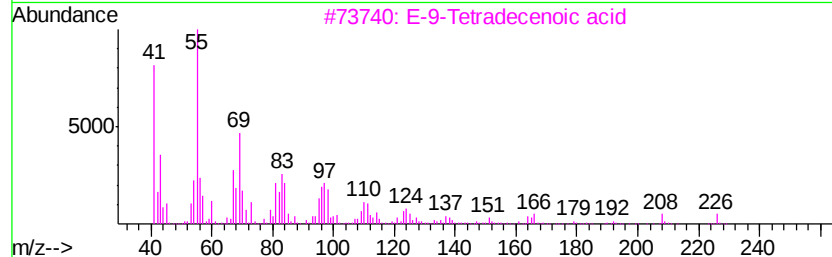
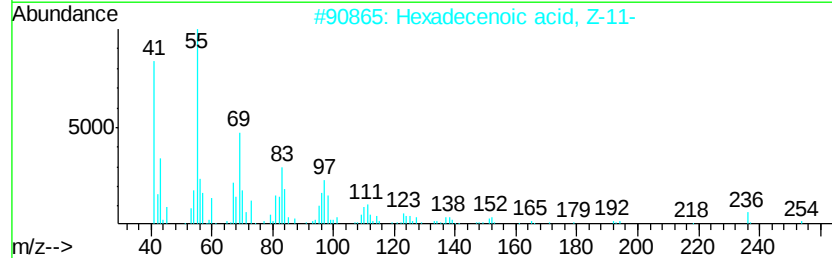
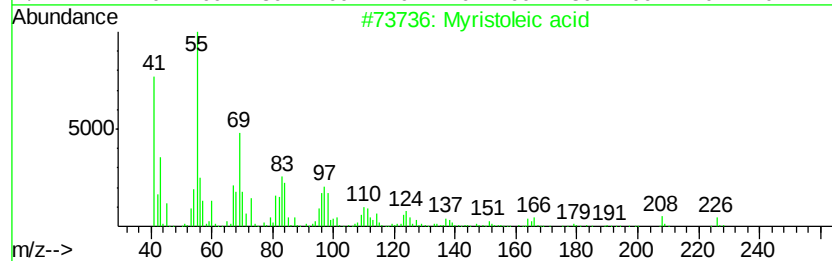
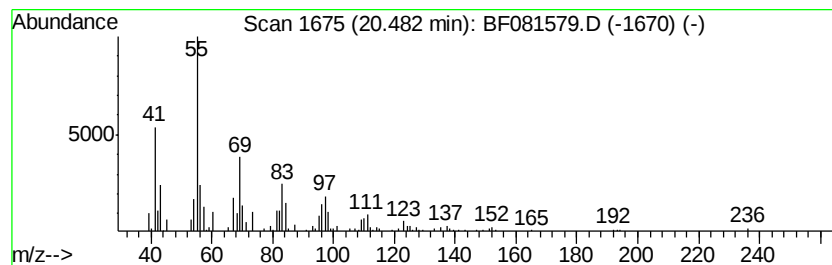
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Myristoleic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.48	23.91 ng	344068	Phenanthrene-d10	18.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Myristoleic acid	226	C14H26O2	000544-64-9	86
2		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	83
3		E-9-Tetradecenoic acid	226	C14H26O2	1000131-35-8	64
4		Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	58
5		Z-8-Methyl-9-tetradecenoic acid	240	C15H28O2	1000130-84-5	58



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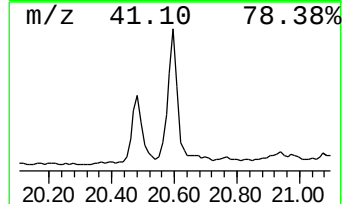
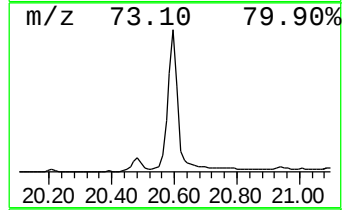
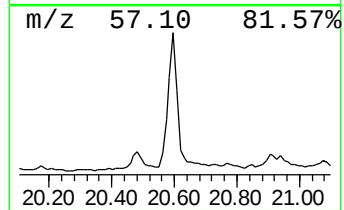
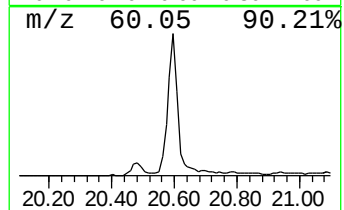
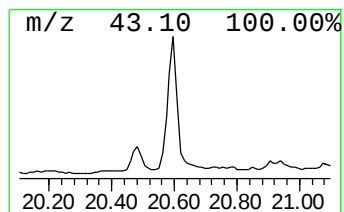
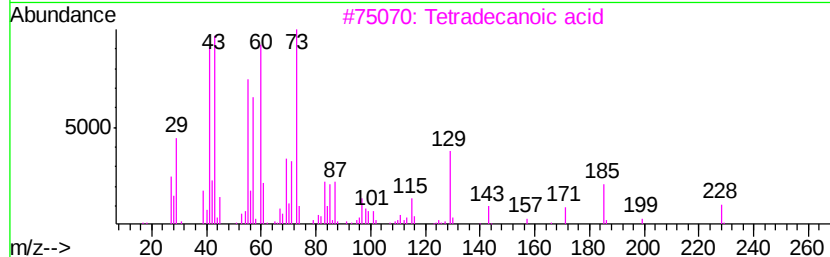
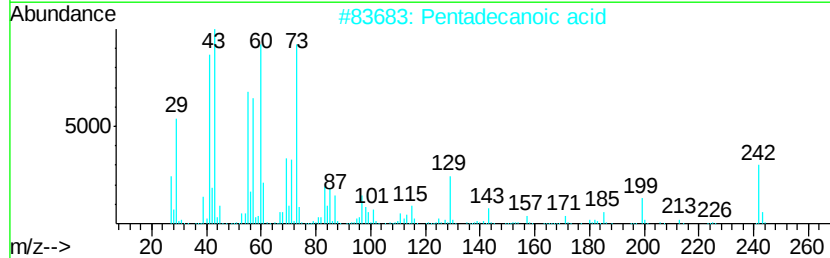
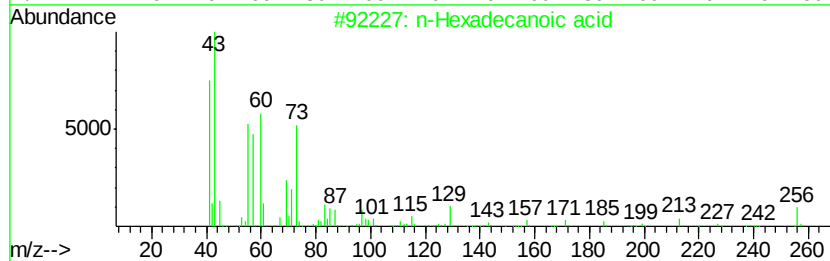
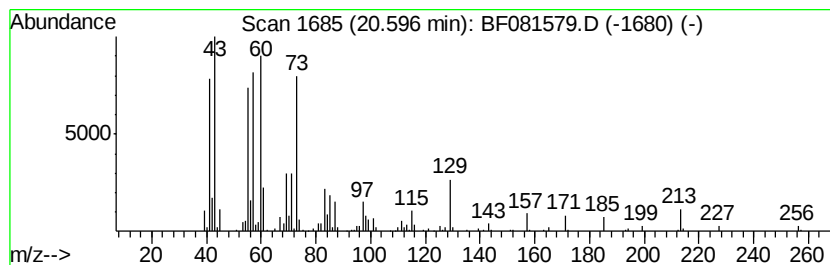
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	45.87 ng	659970	Phenanthrene-d10	18.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081579.D
Acq On : 10 Sep 2015 22:10
Operator : UM/IZ
Sample : G3590-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TYB5(1.5-2)

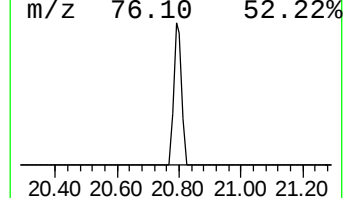
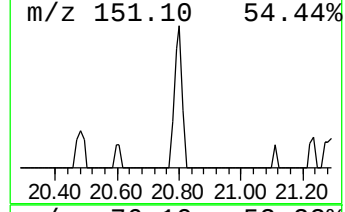
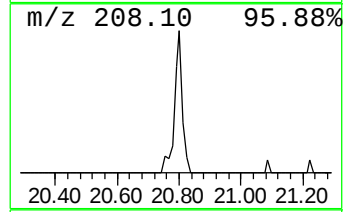
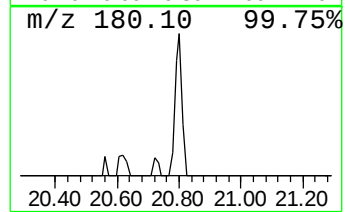
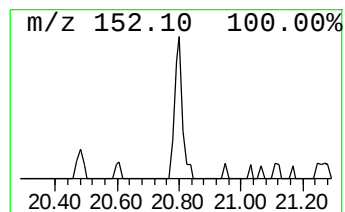
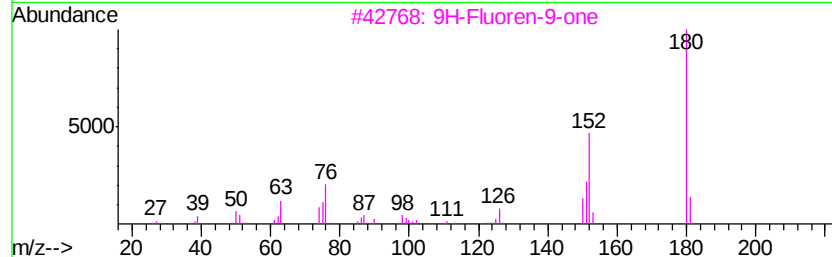
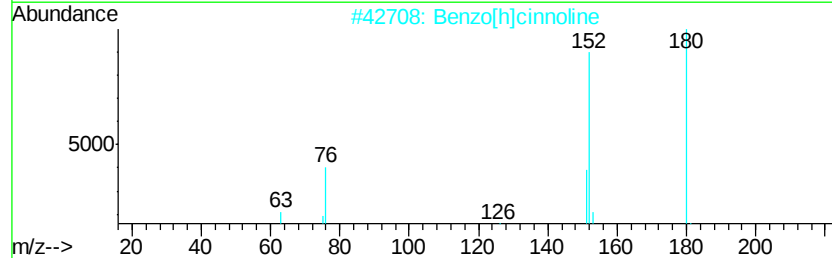
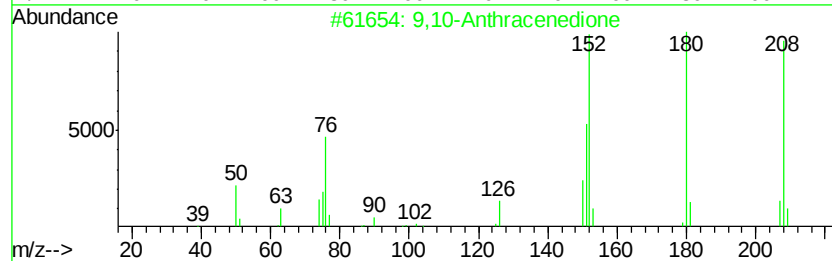
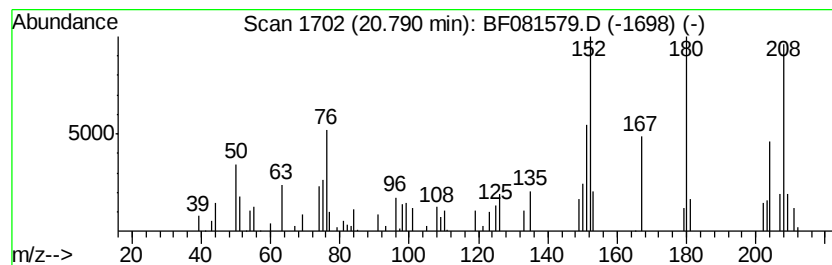
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	5.27 ng	75795	Phenanthrene-d10	18.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
3			9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	49
5			1H-Phenalen-1-one	180	C13H8O	000548-39-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081579.D
Acq On : 10 Sep 2015 22:10
Operator : UM/IZ
Sample : G3590-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleID :
TYB5(1.5-2)

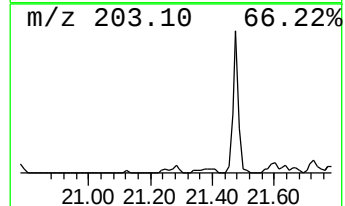
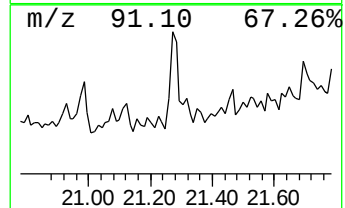
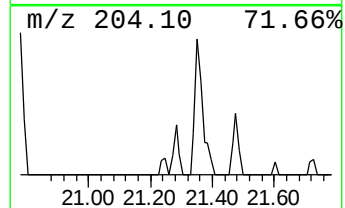
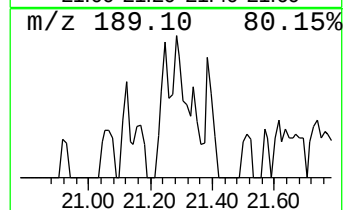
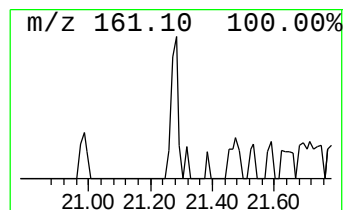
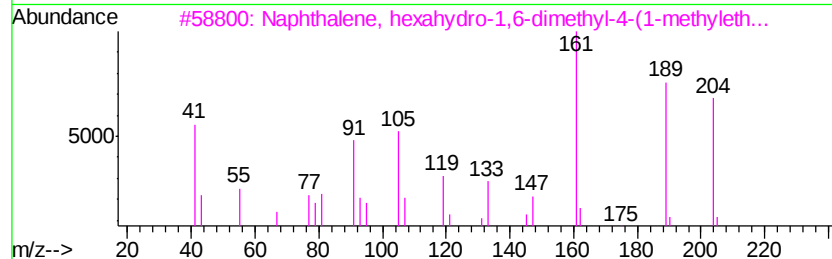
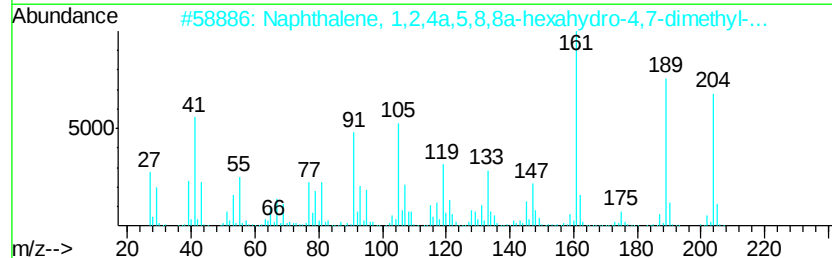
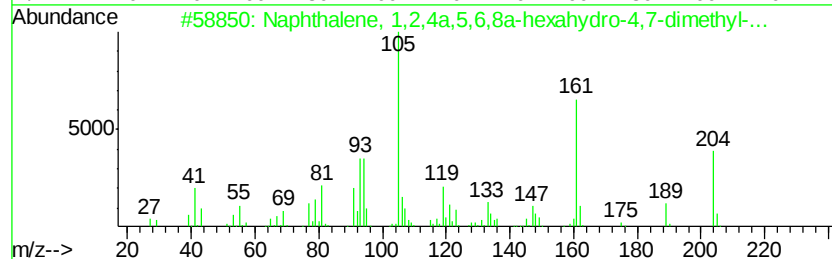
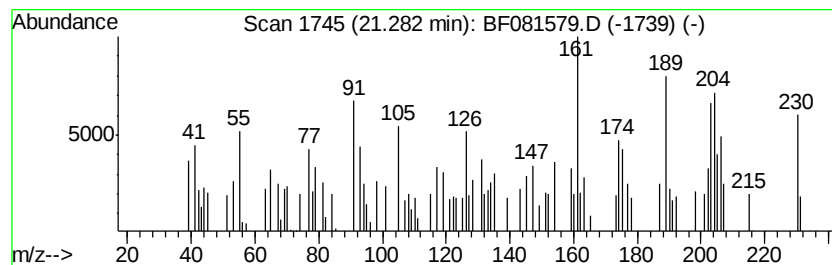
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown21.28 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	11.55 ng	117299	Chrysene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	031983-22-9	47
2		Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	005951-61-1	46
3		Naphthalene, hexahydro-1,6-dimet...	204	C15H24	029837-12-5	46
4		1,4-Methanoazulene, decahydro-4,...	204	C15H24	000475-20-7	42
5		Neoisolongifolene	204	C15H24	1000156-12-4	41



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081579.D
Acq On : 10 Sep 2015 22:10
Operator : UM/IZ
Sample : G3590-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TYB5(1.5-2)

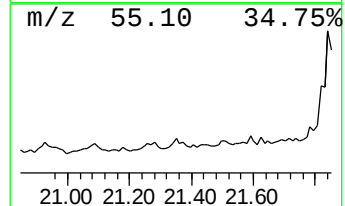
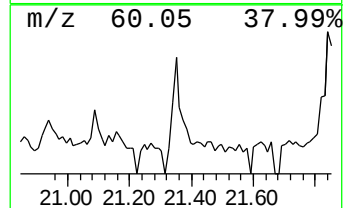
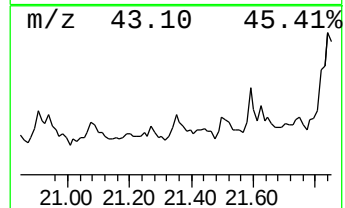
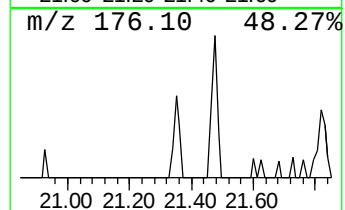
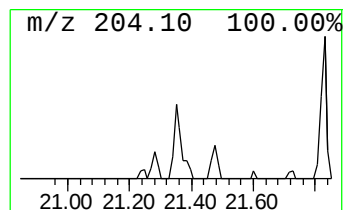
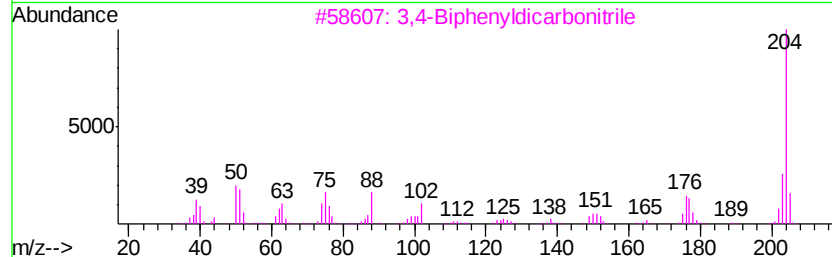
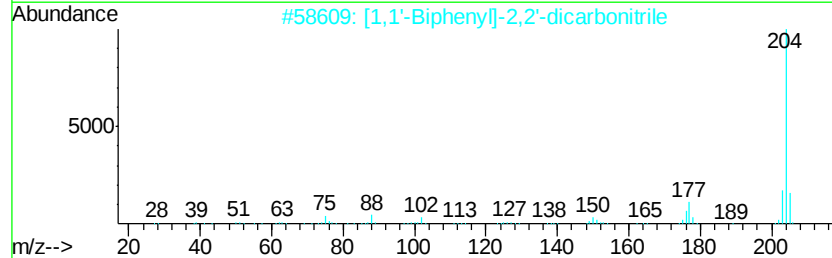
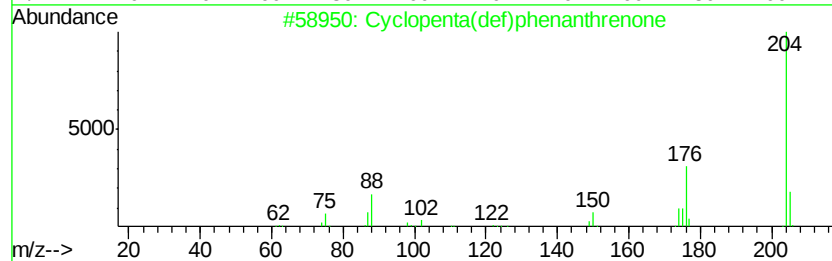
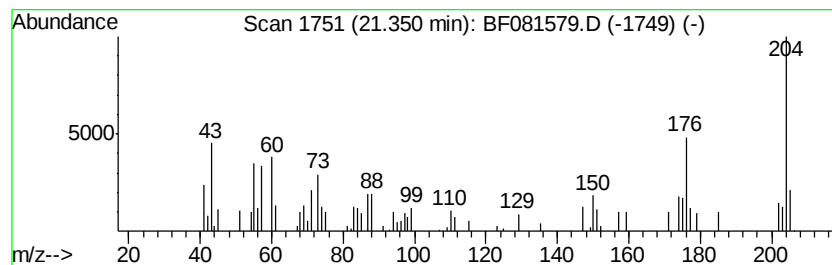
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	4.63 ng	47007	Chrysene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	52
2		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	38
3		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	38
4		5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	32
5		Dihydropyranno(3,2-H)homochroman	204	C13H16O2	057052-82-1	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081579.D
Acq On : 10 Sep 2015 22:10
Operator : UM/IZ
Sample : G3590-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

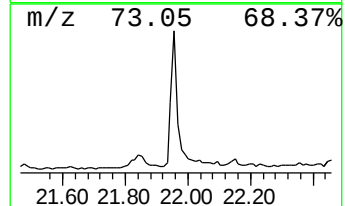
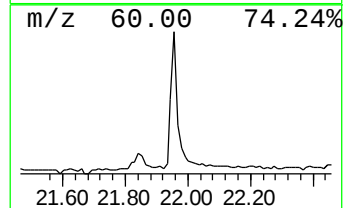
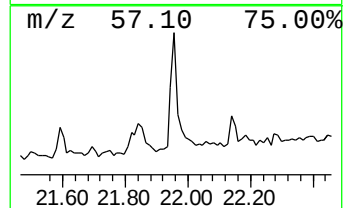
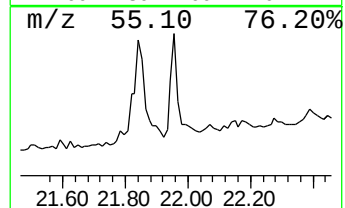
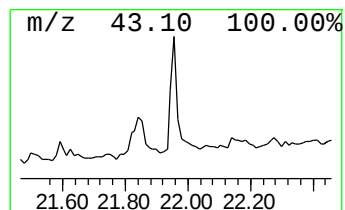
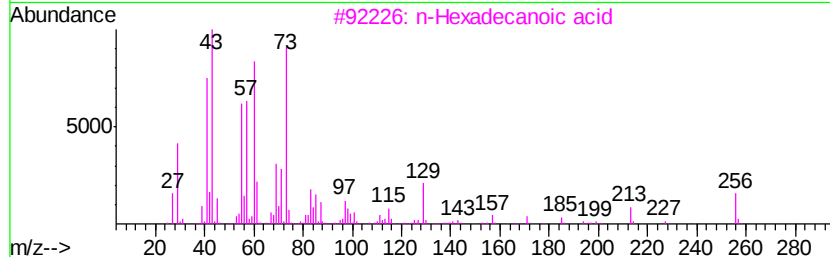
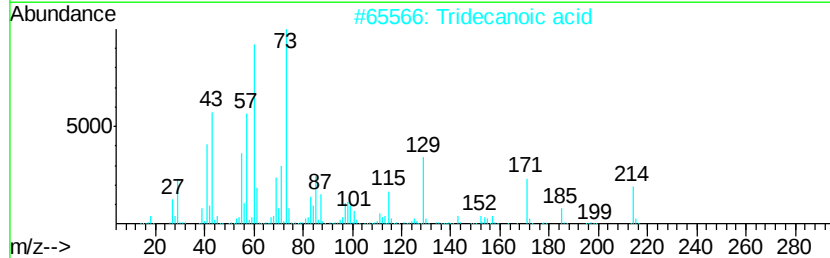
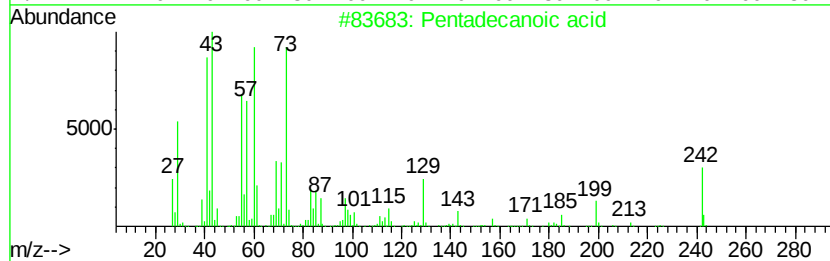
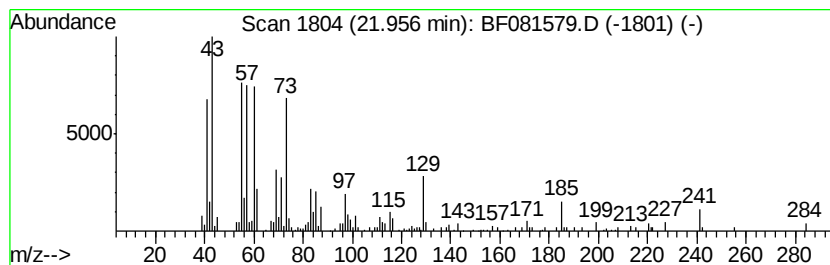
Instrument :
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ClientSampleId :
TYB5(1.5-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.96	28.80 ng	292409	Chrysene-d12	23.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecanoic acid	242 C15H30O2	001002-84-2 64
2		Tridecanoic acid	214 C13H26O2	000638-53-9 64
3		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 59
4		Undecanoic acid	186 C11H22O2	000112-37-8 58
5		.alpha.-D-Glucopyranoside, .alph...	342 C12H22O11	000099-20-7 53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081579.D
Acq On : 10 Sep 2015 22:10
Operator : UM/IZ
Sample : G3590-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

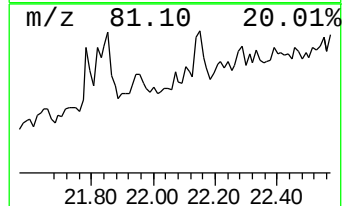
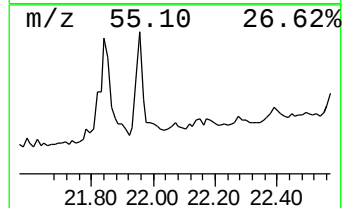
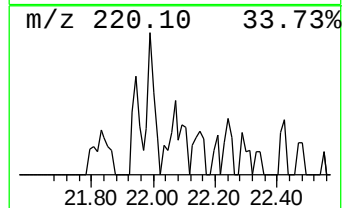
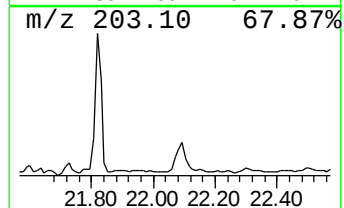
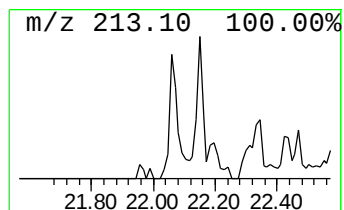
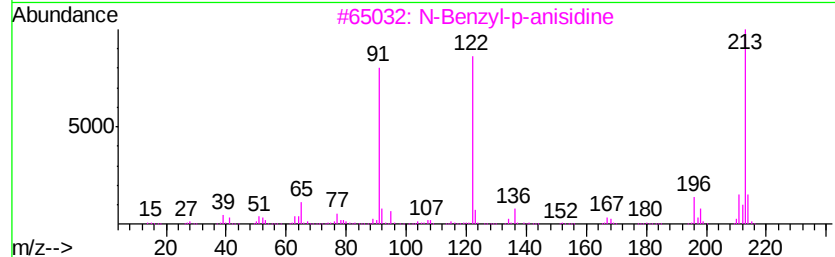
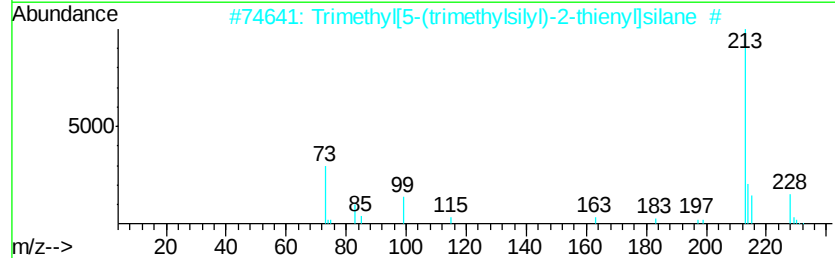
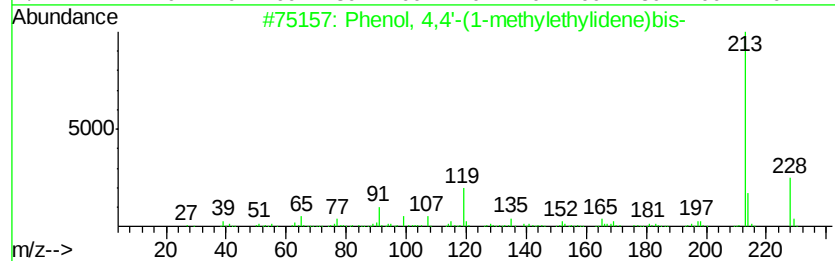
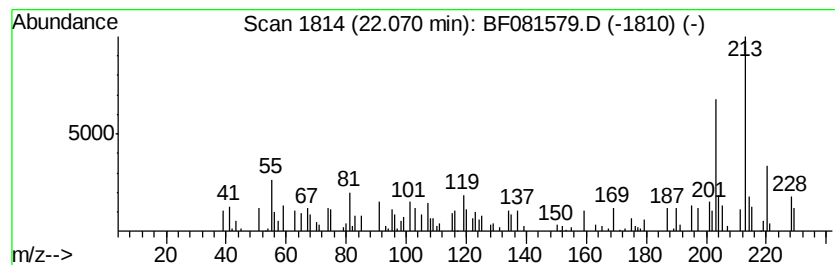
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown22.07 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.07	9.11 ng	92519	Chrysene-d12	23.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene)bis-	228	C15H16O2	000080-05-7	38
2	Trimethyl[5-(trimethylsilyl)-2-thienyl]silane	228	C10H20SSi2	017906-71-7	38
3	N-Benzyl-p-anisidine	213	C14H15NO	017377-95-6	35
4	2H,8H-Benzo[1,2-b:3,4-b']dipyrans	228	C14H12O3	000523-59-1	35
5	3-Dibenzofuranamine, 2-methoxy-	213	C13H11NO2	005834-17-3	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081579.D
Acq On : 10 Sep 2015 22:10
Operator : UM/IZ
Sample : G3590-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TYB5(1.5-2)

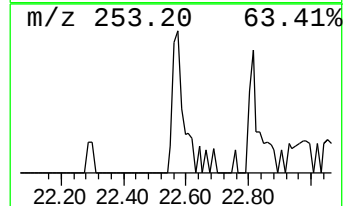
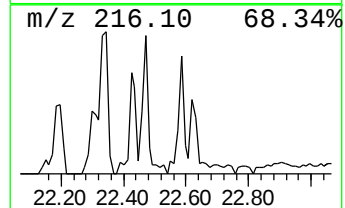
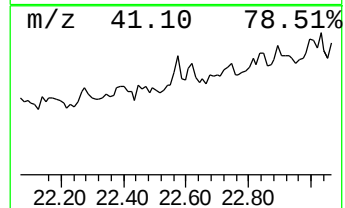
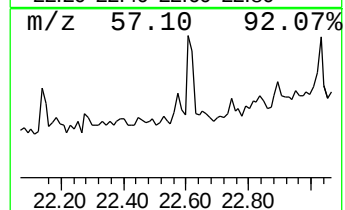
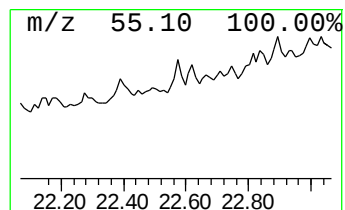
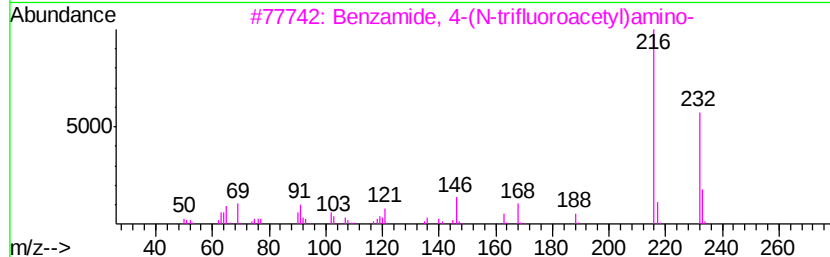
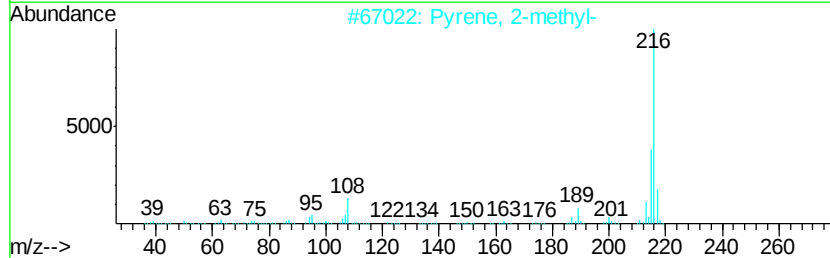
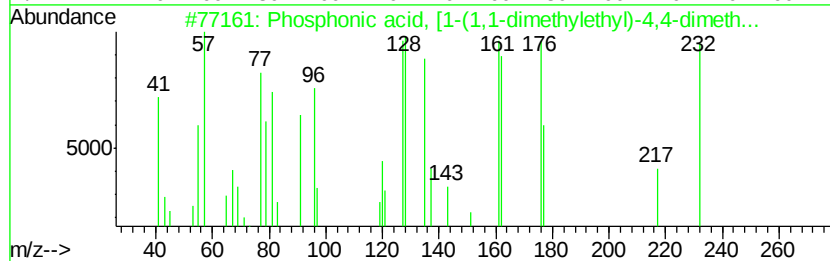
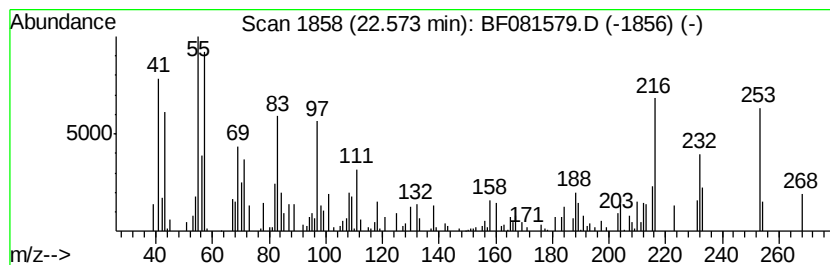
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown22.57 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	5.86 ng	59474	Chrysene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phosphonic acid, [1-(1,1-dimethy...	232	C11H21O3P	042087-76-3	25
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	25
3		Benzamide, 4-(N-trifluoroacetyl)...	232	C9H7F3N2O2	328023-33-2	22
4		trans-3,4,5-Trimethoxy-.beta.-me...	253	C12H15NO5	038059-94-8	11
5		2-[4-Pyridyl]methylene-3-quinocl...	216	C13H16N2O	1000256-93-9	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081579.D
Acq On : 10 Sep 2015 22:10
Operator : UM/IZ
Sample : G3590-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

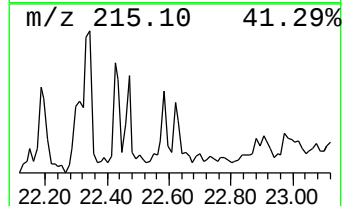
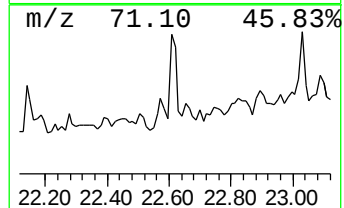
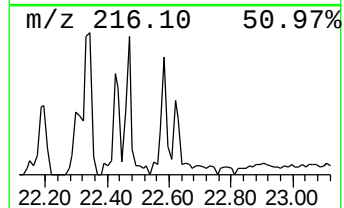
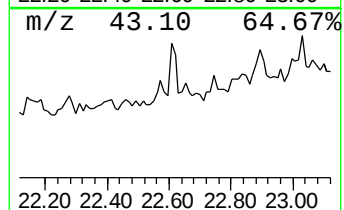
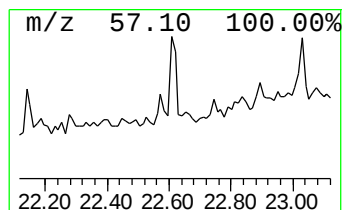
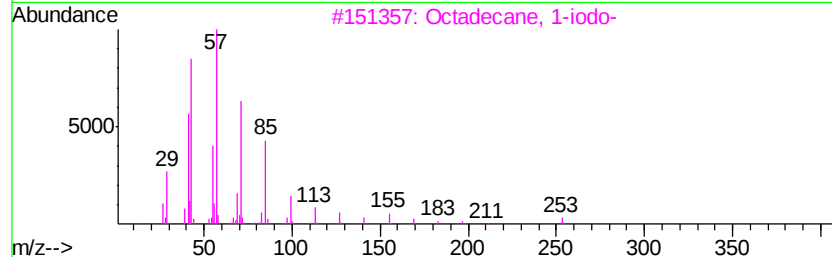
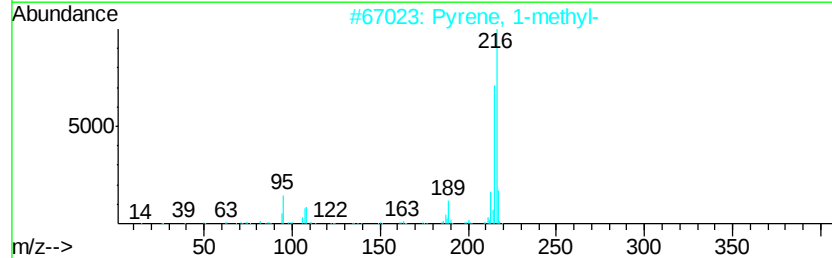
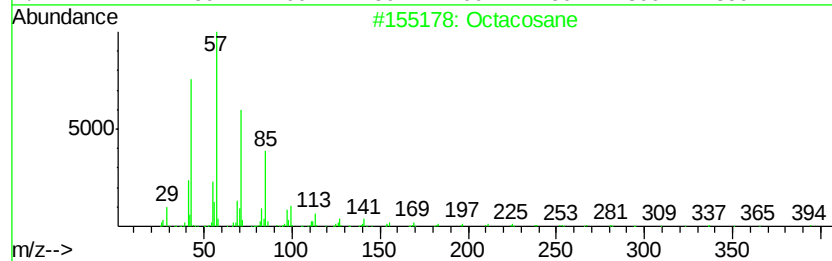
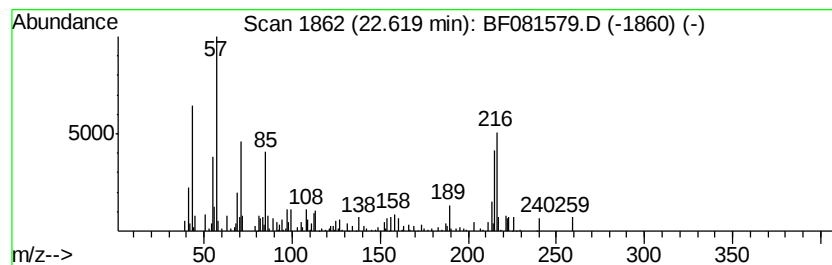
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown22.62 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.62	4.60 ng	46669	Chrysene-d12	23.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	42
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	38
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	30
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	30
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081579.D
Acq On : 10 Sep 2015 22:10
Operator : UM/IZ
Sample : G3590-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

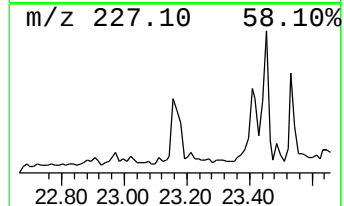
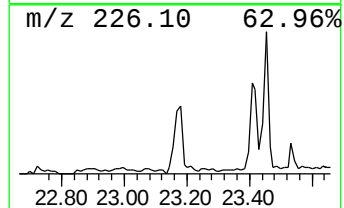
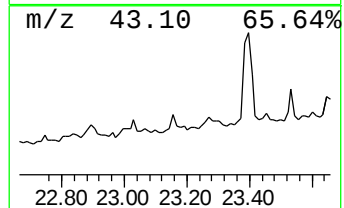
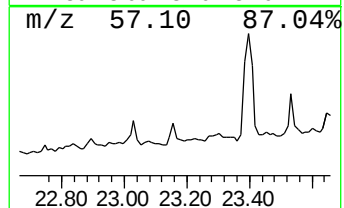
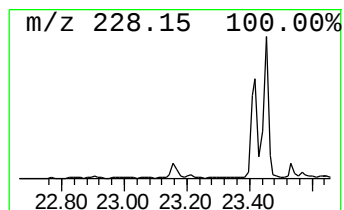
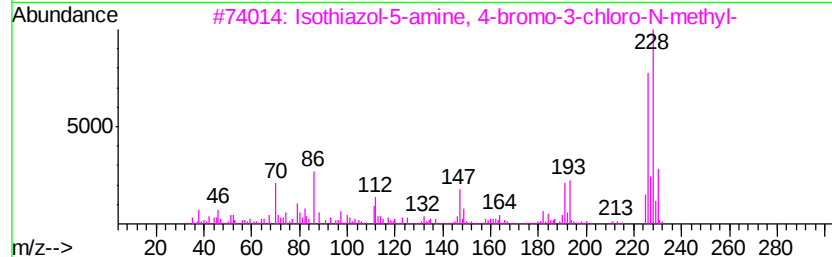
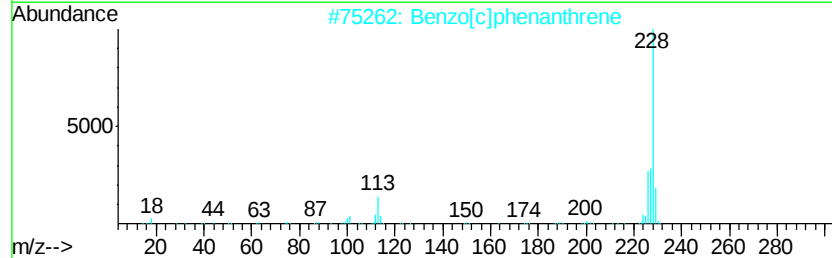
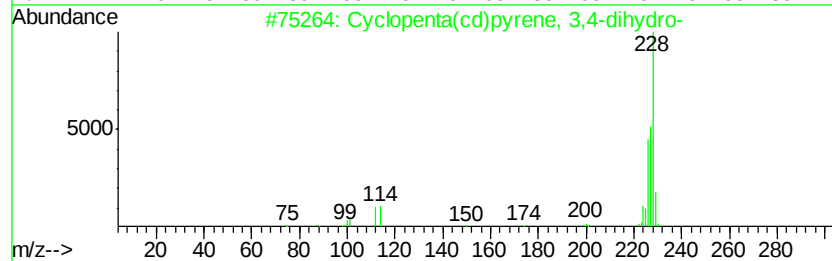
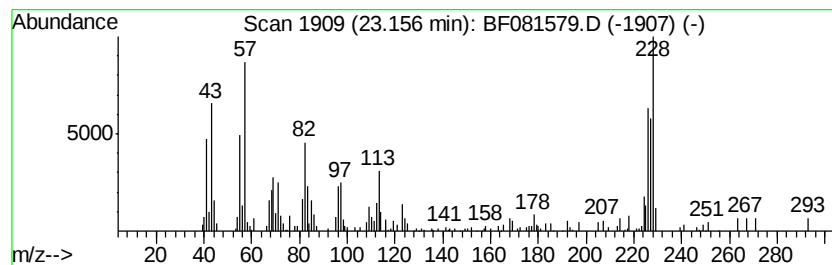
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown23.16 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.16	5.67 ng	57604	Chrysene-d12	23.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	38
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	35
3	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	32
4	1,3,5-Triazine-2(1H)-thione, 4-(...	227	C9H17N5S	023613-02-7	15
5	(3,4-Dimethyl-phenyl)-(2,6-dimet...	227	C14H17N3	1000296-56-4	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081579.D
Acq On : 10 Sep 2015 22:10
Operator : UM/IZ
Sample : G3590-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TYB5(1.5-2)

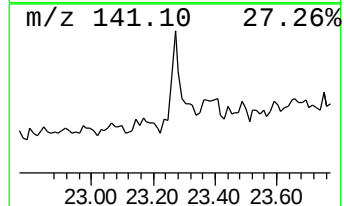
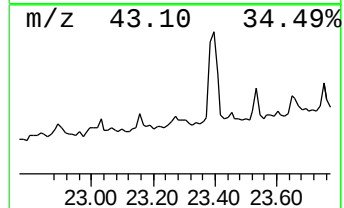
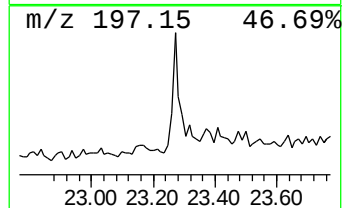
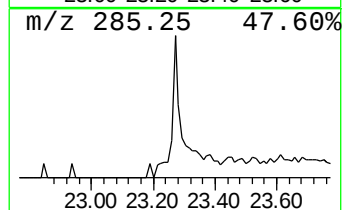
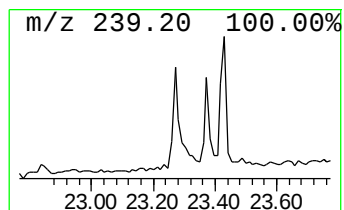
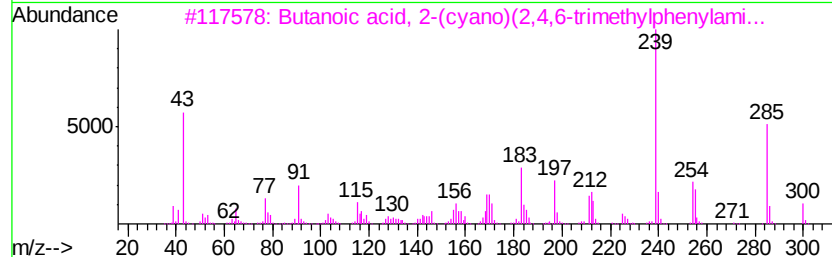
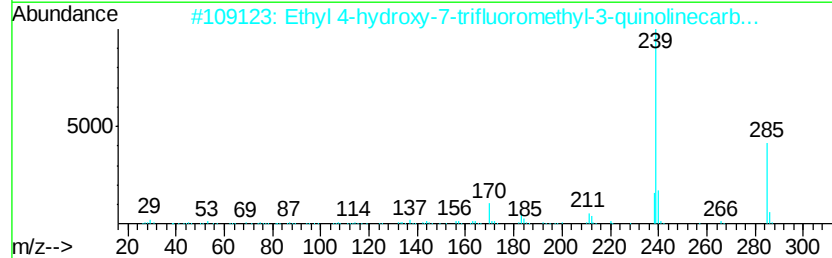
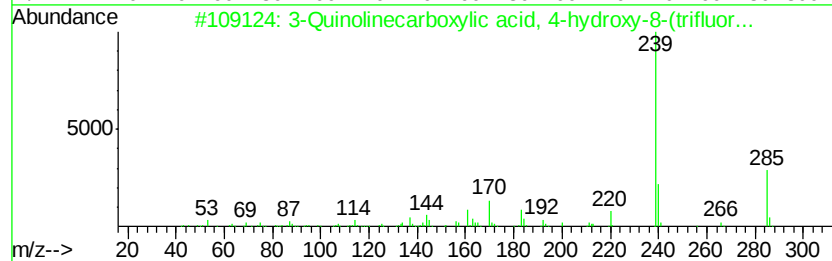
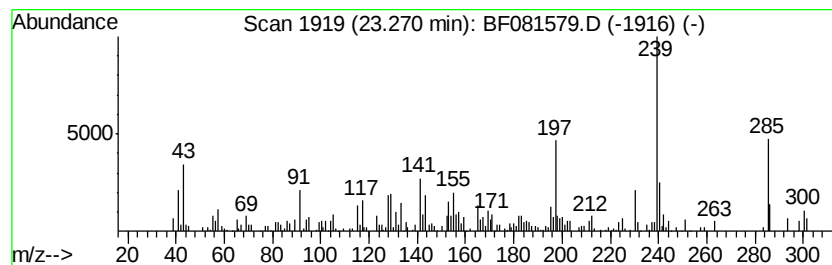
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown23.27 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	14.92 ng	151469	Chrysene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Quinolinecarboxylic acid, 4-hy...	285	C13H10F3N03	023851-84-5	38
2		Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3N03	000391-02-6	38
3		Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	37
4		2-Ethylidene-hydrazono-3-methyl-...	239	C10H10ClN3S	1000148-08-4	30
5		9,10-Anthracenedione, 1-amino-4-...	239	C14H9N03	000116-85-8	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081579.D
Acq On : 10 Sep 2015 22:10
Operator : UM/IZ
Sample : G3590-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TYB5(1.5-2)

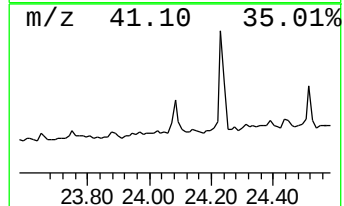
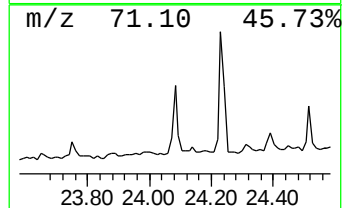
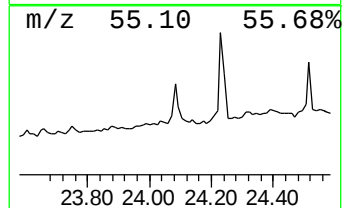
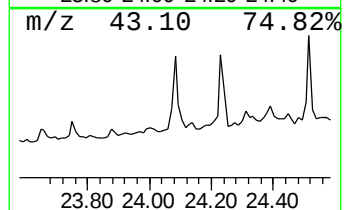
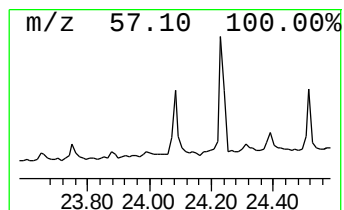
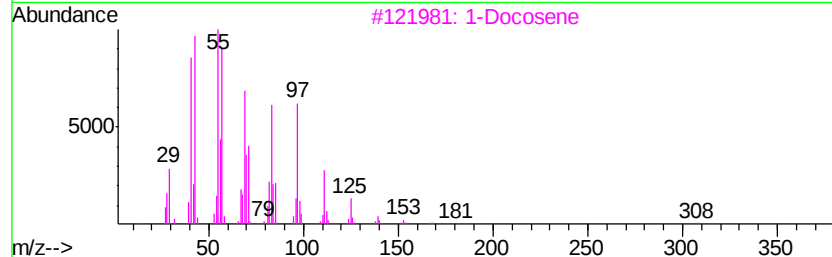
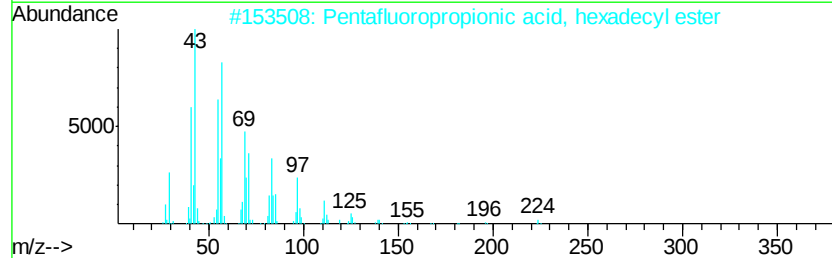
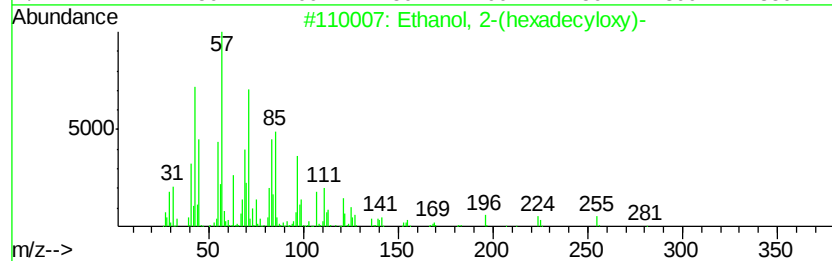
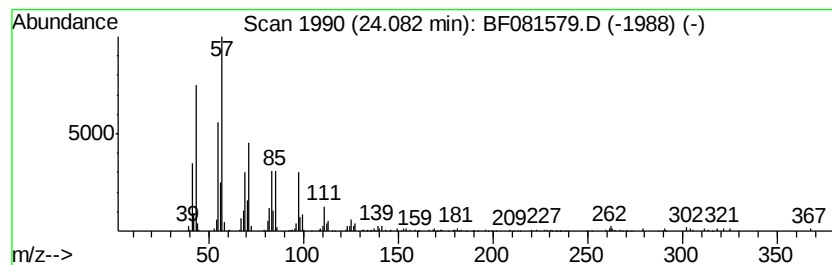
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Ethanol, 2-(hexadecyloxy)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	22.64 ng	229861	Chrysene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	64
2		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	58
3		1-Docosene	308	C22H44	001599-67-3	58
4		Cyclotetracosane	336	C24H48	000297-03-0	53
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081579.D
Acq On : 10 Sep 2015 22:10
Operator : UM/IZ
Sample : G3590-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TYB5(1.5-2)

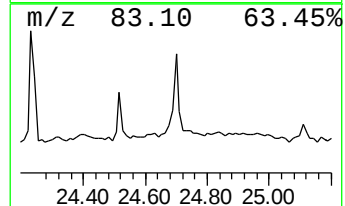
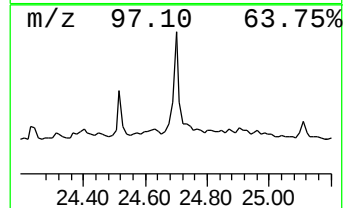
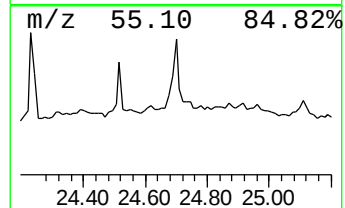
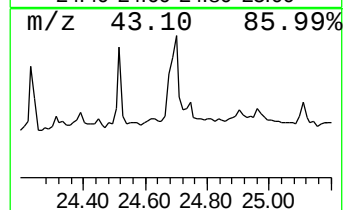
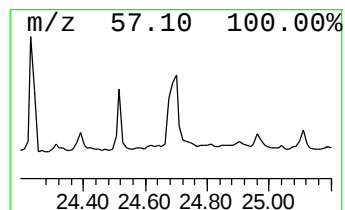
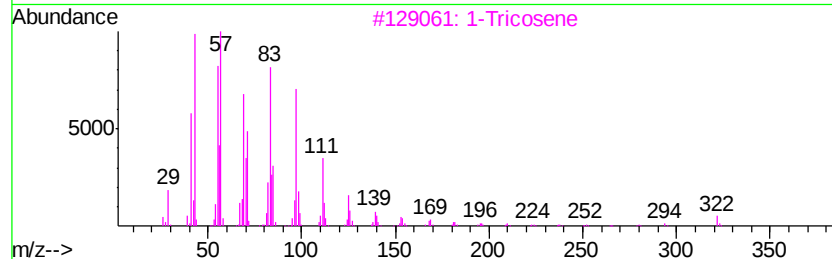
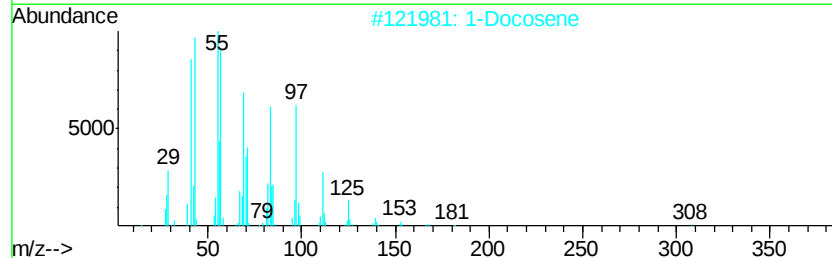
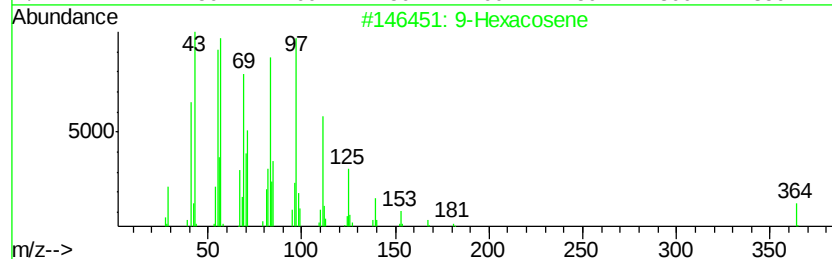
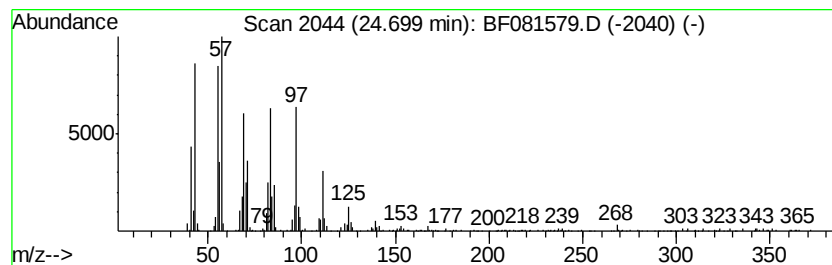
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9-Hexacosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.70	68.71 ng	504857	Perylene-d12	24.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Hexacosene	364	C26H52	071502-22-2	94
2		1-Docosene	308	C22H44	001599-67-3	94
3		1-Tricosene	322	C23H46	018835-32-0	91
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
5		1-Hexacosene	364	C26H52	018835-33-1	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081579.D
Acq On : 10 Sep 2015 22:10
Operator : UM/IZ
Sample : G3590-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TYB5(1.5-2)

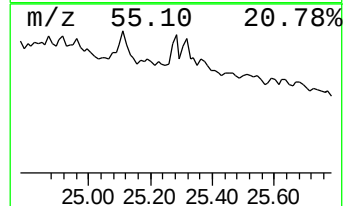
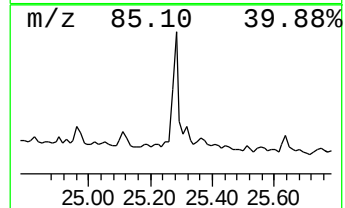
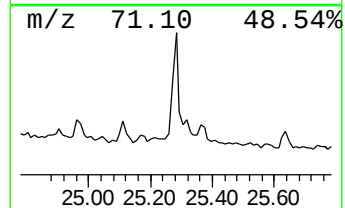
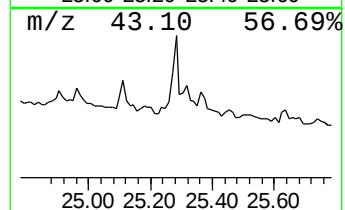
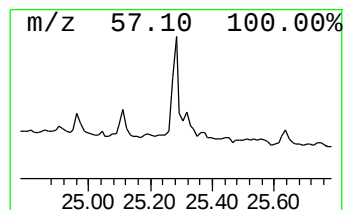
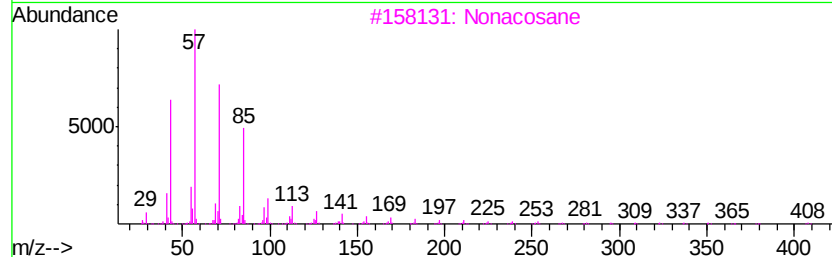
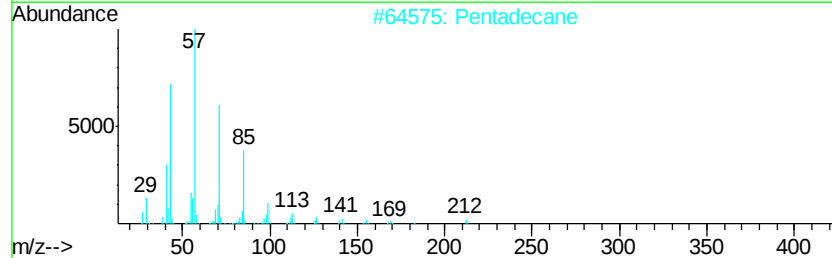
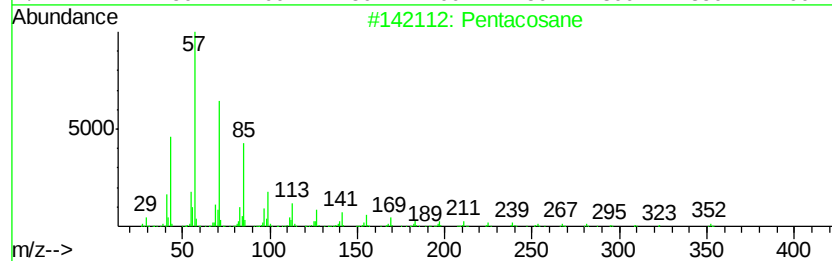
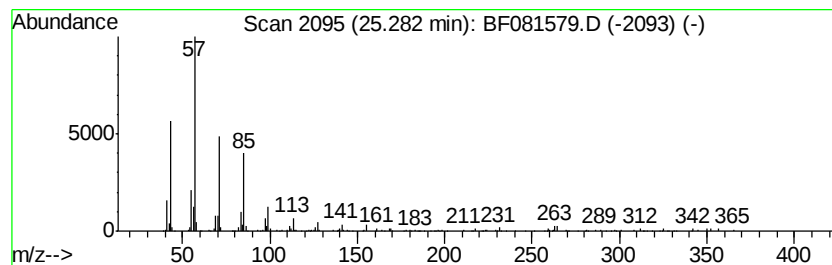
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.28	17.36 ng	127532	Perylene-d12	24.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	92
2		Pentadecane	212	C15H32	000629-62-9	72
3		Nonacosane	408	C29H60	000630-03-5	72
4		Tetratriacontane	479	C34H70	014167-59-0	72
5		Heptacosane	380	C27H56	000593-49-7	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
 Data File : BF081579.D
 Acq On : 10 Sep 2015 22:10
 Operator : UM/IZ
 Sample : G3590-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TYB5(1.5-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.58	51.4	ng	751970	1	8.27	292448	20.0
unknown7.79	7.79	92.6	ng	1353720	1	8.27	292448	20.0
unknown17.84	17.84	5.3	ng	75478	4	18.81	287767	20.0
Myristoleic acid	20.48	23.9	ng	344068	4	18.81	287767	20.0
n-Hexadecanoic acid	20.60	45.9	ng	659970	4	18.81	287767	20.0
9,10-Anthracenedione	20.79	5.3	ng	75795	4	18.81	287767	20.0
unknown21.28	21.28	11.6	ng	117299	5	23.42	203044	20.0
Cyclopenta(def)ph...	21.35	4.6	ng	47007	5	23.42	203044	20.0
Pentadecanoic acid	21.96	28.8	ng	292409	5	23.42	203044	20.0
unknown22.07	22.07	9.1	ng	92519	5	23.42	203044	20.0
unknown22.57	22.57	5.9	ng	59474	5	23.42	203044	20.0
unknown22.62	22.62	4.6	ng	46669	5	23.42	203044	20.0
unknown23.16	23.16	5.7	ng	57604	5	23.42	203044	20.0
unknown23.27	23.27	14.9	ng	151469	5	23.42	203044	20.0
Ethanol, 2-(hexad...	24.08	22.6	ng	229861	5	23.42	203044	20.0
9-Hexacosene	24.70	68.7	ng	504857	6	24.87	146944	20.0
Pentacosane	25.28	17.4	ng	127532	6	24.87	146944	20.0