

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
 Data File : BF081628.D
 Acq On : 15 Sep 2015 14:12
 Operator : UM/IZ
 Sample : G3597-07 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-7(0-5)

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	1.451	8	10	16	rBV	15107	42340	4.53%	0.309%
2	1.543	16	18	53	rVB	229000	818467	87.57%	5.964%
3	4.469	271	274	289	rBV	202115	518405	55.47%	3.777%
4	5.360	349	352	367	rBV	425730	864914	92.54%	6.302%
5	7.623	547	550	555	rBV	528292	887466	94.95%	6.466%
6	7.726	555	559	568	rVB	494586	934623	100.00%	6.810%
7	8.206	598	601	607	rBB	234693	365557	39.11%	2.664%
8	8.538	626	630	633	rBV	372876	665137	71.17%	4.846%
9	9.498	710	714	724	rBV	327185	592960	63.44%	4.320%
10	11.109	851	855	859	rBV	298559	463520	49.59%	3.377%
11	12.801	1001	1003	1006	rBB	6546	11540	1.23%	0.084%
12	13.749	1082	1086	1089	rBV	567695	924036	98.87%	6.733%
13	13.807	1089	1091	1096	rVB2	6135	13792	1.48%	0.100%
14	14.161	1120	1122	1126	rBB	7046	11108	1.19%	0.081%
15	14.812	1175	1179	1182	rBV	80887	141411	15.13%	1.030%
16	14.892	1184	1186	1188	rBV	8740	12821	1.37%	0.093%
17	15.247	1213	1217	1220	rBV	267106	462071	49.44%	3.367%
18	15.441	1231	1234	1237	rBB	10953	17568	1.88%	0.128%
19	16.641	1336	1339	1344	rBV	16729	29164	3.12%	0.212%
20	17.144	1379	1383	1389	rBV	291795	516582	55.27%	3.764%
21	17.784	1434	1439	1447	rBV	21372	58877	6.30%	0.429%
22	18.481	1496	1500	1504	rVB2	4431	11046	1.18%	0.080%
23	18.744	1519	1523	1526	rBV	240972	439268	47.00%	3.201%
24	18.801	1526	1528	1531	rVV	53726	80435	8.61%	0.586%
25	18.870	1531	1534	1537	rVV2	20196	33945	3.63%	0.247%
26	18.927	1537	1539	1543	rVB2	16103	28663	3.07%	0.209%
27	19.293	1567	1571	1575	rBV4	3044	9448	1.01%	0.069%
28	19.910	1621	1625	1628	rBV	16428	31396	3.36%	0.229%
29	19.979	1628	1631	1634	rBV	12853	21269	2.28%	0.155%
30	20.036	1634	1636	1639	rVB	13457	23164	2.48%	0.169%
31	20.150	1644	1646	1648	rBV	5871	9417	1.01%	0.069%
32	20.219	1648	1652	1654	rVV3	12764	32906	3.52%	0.240%
33	20.276	1654	1657	1661	rVB2	10024	20875	2.23%	0.152%
34	20.504	1674	1677	1685	rBV	34774	77486	8.29%	0.565%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.744	1693	1698	1700	rBV2	9419	25006	2.68%	0.182%
36	20.847	1705	1707	1710	rBV	20353	29935	3.20%	0.218%
37	21.007	1716	1721	1724	rBV4	4668	13331	1.43%	0.097%
38	21.190	1735	1737	1739	rBV	24784	38728	4.14%	0.282%
39	21.236	1739	1741	1744	rVB2	8144	13008	1.39%	0.095%
40	21.293	1744	1746	1748	rVB3	9742	14198	1.52%	0.103%
41	21.339	1748	1750	1754	rVB2	6669	10425	1.12%	0.076%
42	21.419	1754	1757	1760	rBV	166192	208491	22.31%	1.519%
43	21.545	1763	1768	1770	rBV4	20509	39237	4.20%	0.286%
44	21.705	1778	1782	1785	rBV	7081	10740	1.15%	0.078%
45	21.773	1785	1788	1792	rBV	226647	308003	32.95%	2.244%
46	21.899	1796	1799	1801	rBV2	23228	44019	4.71%	0.321%
47	21.945	1801	1803	1806	rVB	10635	13487	1.44%	0.098%
48	22.025	1806	1810	1814	rVB	140144	169561	18.14%	1.235%
49	22.105	1814	1817	1819	rBV	616126	714434	76.44%	5.206%
50	22.139	1819	1820	1823	rVB3	37587	41257	4.41%	0.301%
51	22.196	1823	1825	1827	rVB3	6813	10671	1.14%	0.078%
52	22.265	1827	1831	1832	rBV3	22731	54674	5.85%	0.398%
53	22.379	1839	1841	1843	rBV2	13374	20845	2.23%	0.152%
54	22.425	1843	1845	1849	rVV2	33922	67836	7.26%	0.494%
55	22.539	1853	1855	1856	rVV	37901	46448	4.97%	0.338%
56	22.573	1856	1858	1860	rVB	46665	47524	5.08%	0.346%
57	22.607	1860	1861	1863	rBV2	5308	9431	1.01%	0.069%
58	22.859	1881	1883	1886	rVB3	14242	20997	2.25%	0.153%
59	22.928	1887	1889	1893	rBV2	85605	150417	16.09%	1.096%
60	22.985	1893	1894	1896	rBV	24184	27619	2.96%	0.201%
61	23.076	1899	1902	1904	rBV3	24288	41196	4.41%	0.300%
62	23.110	1904	1905	1908	rVB2	24987	43311	4.63%	0.316%
63	23.168	1908	1910	1912	rBV2	20005	23706	2.54%	0.173%
64	23.213	1912	1914	1917	rBV	29670	41697	4.46%	0.304%
65	23.373	1923	1928	1933	rBV2	320574	739328	79.10%	5.387%
66	23.453	1933	1935	1936	rBV2	9468	10463	1.12%	0.076%
67	23.488	1936	1938	1940	rBV	30858	31831	3.41%	0.232%
68	23.545	1941	1943	1945	rBV3	13392	23821	2.55%	0.174%
69	23.670	1951	1954	1955	rBV3	15384	23275	2.49%	0.170%
70	23.716	1955	1958	1960	rVV	29333	46656	4.99%	0.340%
71	23.830	1963	1968	1969	rBV2	51206	107463	11.50%	0.783%

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72	23.865	1969	1971	1972	rBV	19897	21666	2.32%	0.158%
73	24.036	1984	1986	1989	rVB	41246	53444	5.72%	0.389%
74	24.345	2011	2013	2015	rVB2	32457	32590	3.49%	0.237%
75	24.482	2022	2025	2028	rBV	114121	220166	23.56%	1.604%
76	24.562	2031	2032	2036	rVB	21374	24948	2.67%	0.182%
77	24.631	2036	2038	2040	rBV	33498	60593	6.48%	0.442%
78	24.722	2044	2046	2048	rVV	85464	100787	10.78%	0.734%
79	24.768	2048	2050	2052	rVV	115994	126768	13.56%	0.924%
80	24.813	2052	2054	2061	rVV	265193	342866	36.68%	2.498%
81	25.225	2088	2090	2094	rVB	33316	44519	4.76%	0.324%
82	25.613	2122	2124	2126	rBV2	19738	26993	2.89%	0.197%
83	25.865	2143	2146	2149	rVB	46340	73209	7.83%	0.533%
84	26.162	2170	2172	2178	rBV	35029	79958	8.56%	0.583%
85	26.425	2193	2195	2202	rVB2	22514	61093	6.54%	0.445%

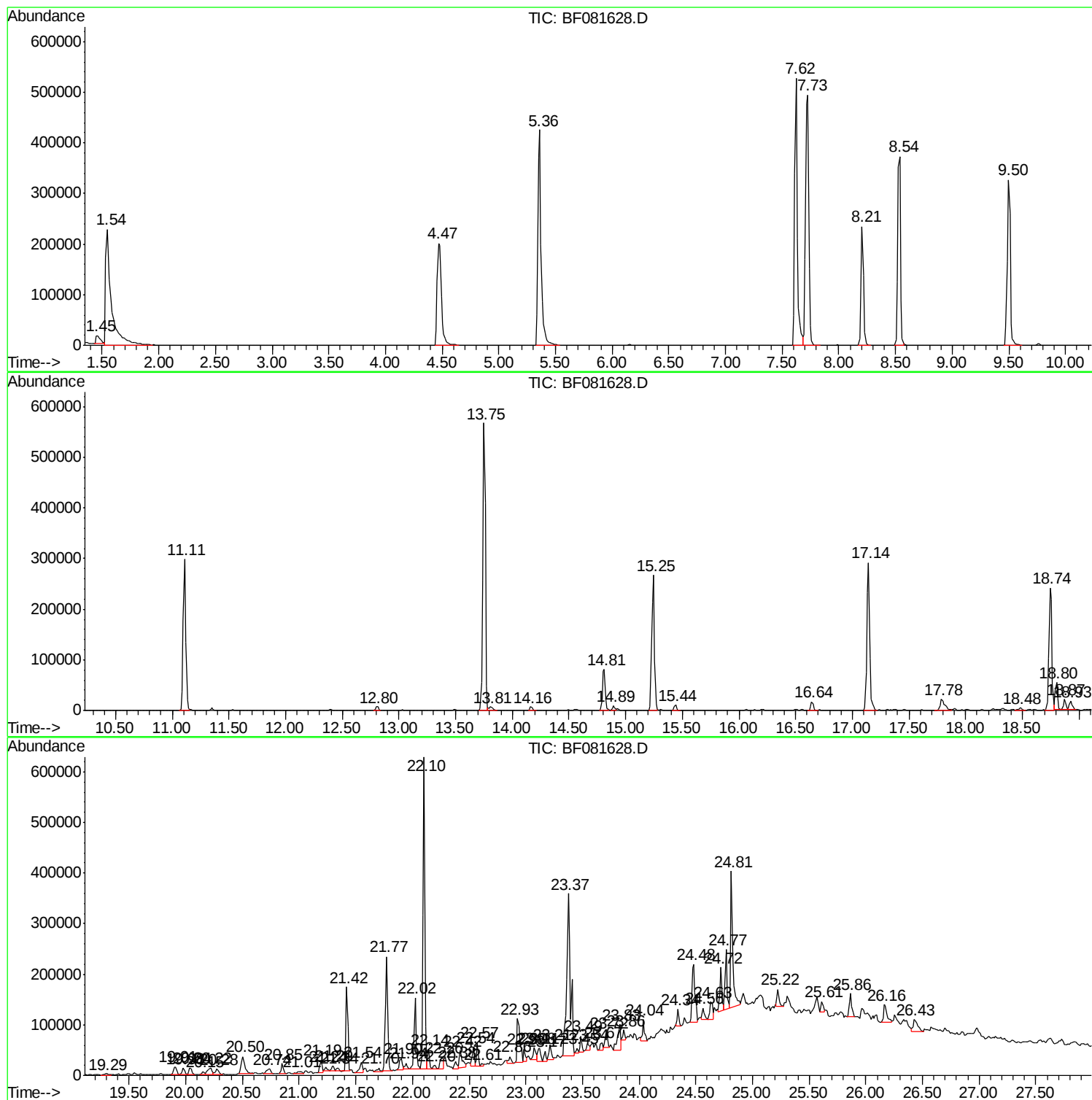
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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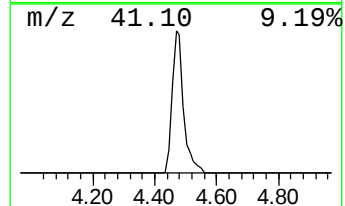
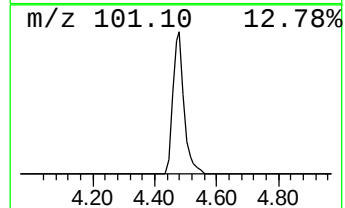
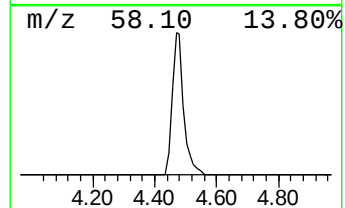
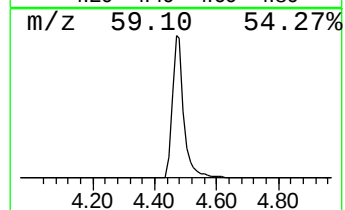
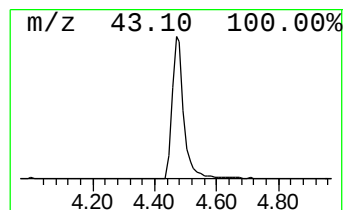
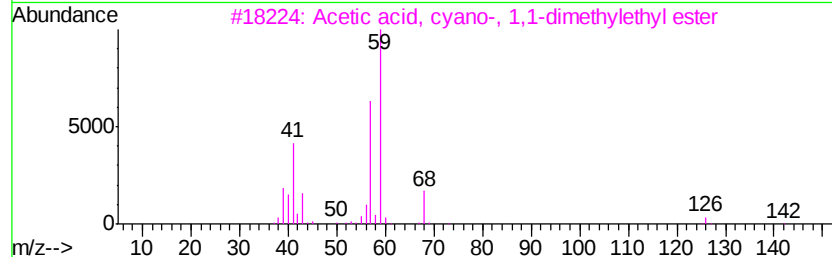
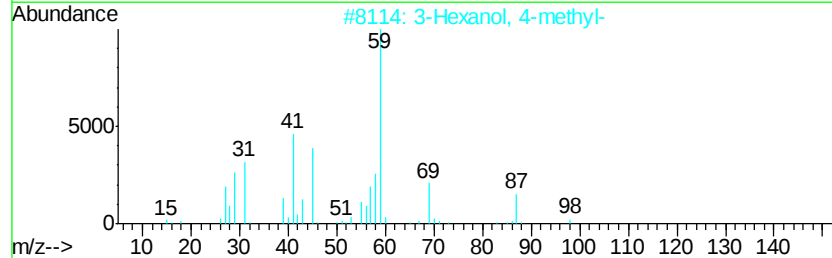
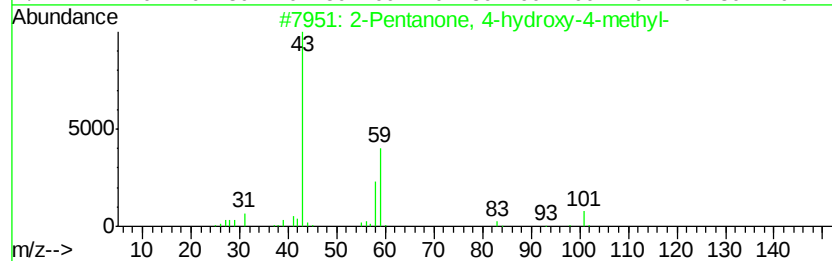
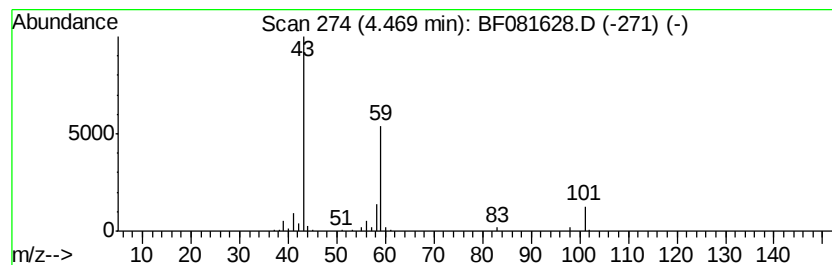
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.47	28.36 ng	518405	1,4-Dichlorobenzene-d4	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9



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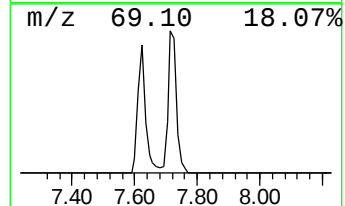
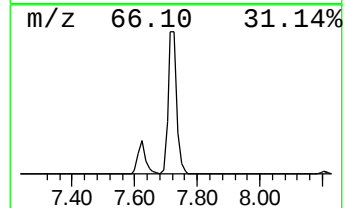
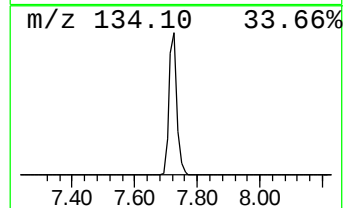
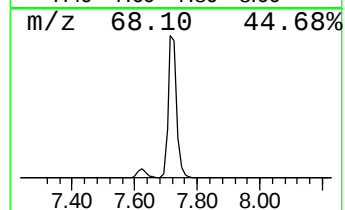
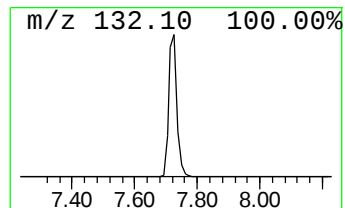
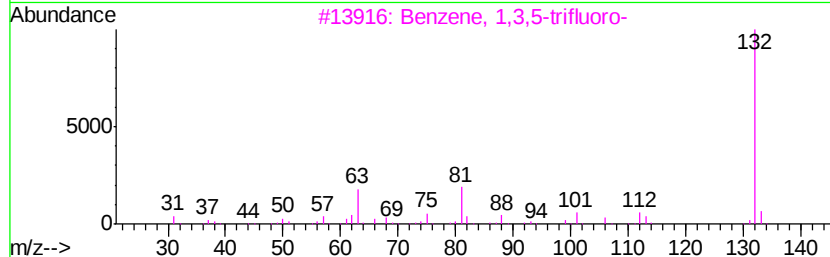
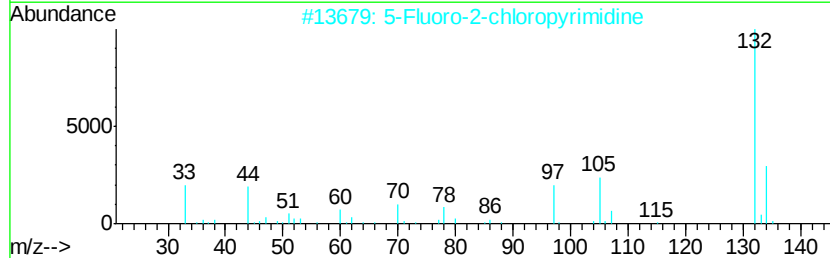
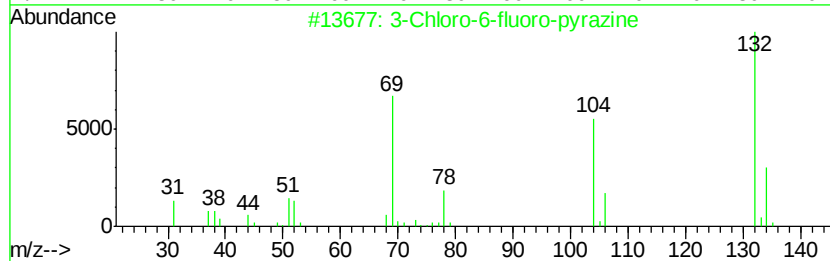
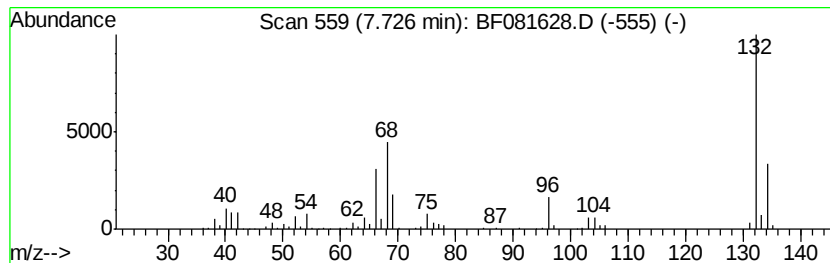
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	51.13 ng	934623	1,4-Dichlorobenzene-d4	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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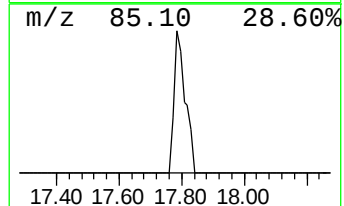
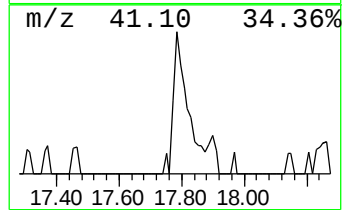
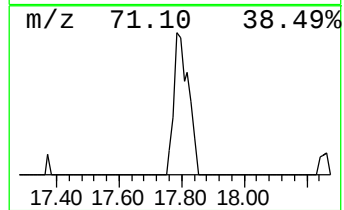
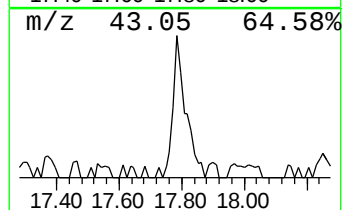
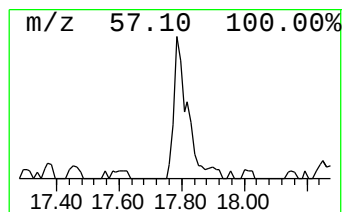
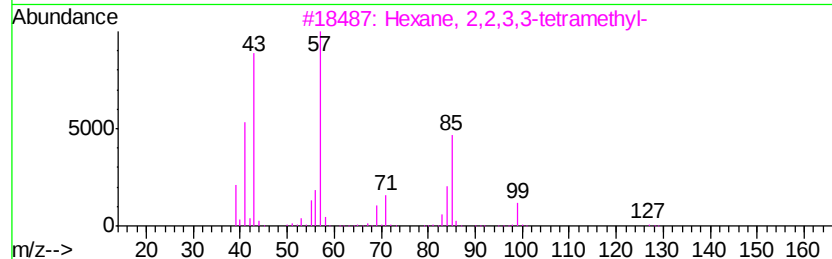
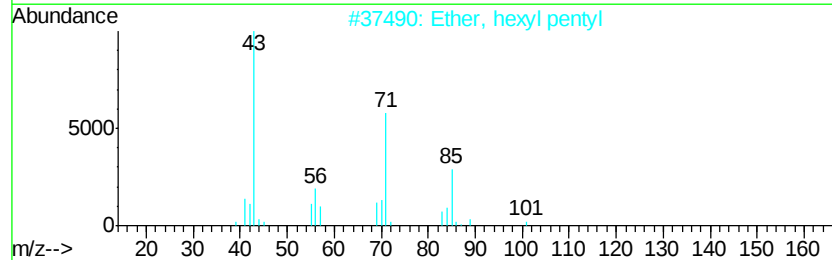
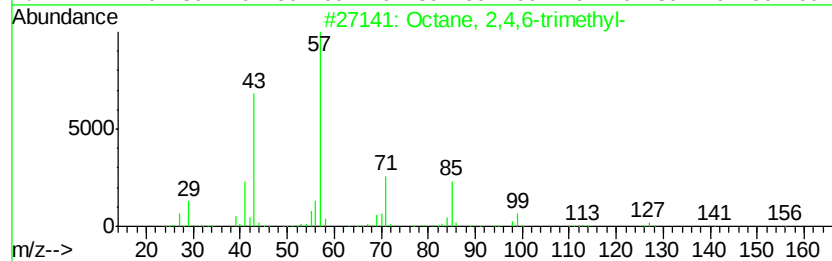
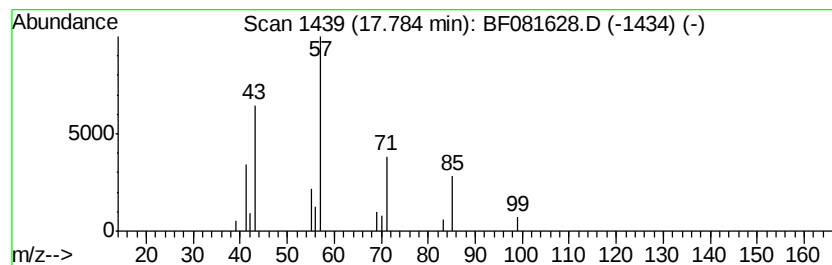
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octane, 2,4,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	2.68 ng	58877	Phenanthrene-d10	18.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
2			Ether, hexyl pentyl	172	C11H24O	032357-83-8	59
3			Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	47
4			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	45
5			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	42



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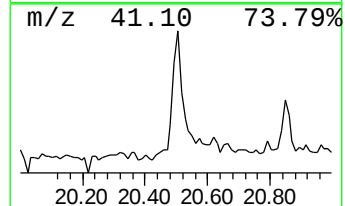
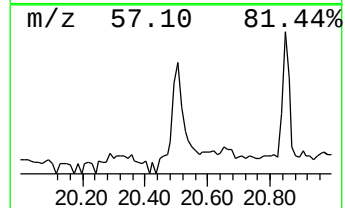
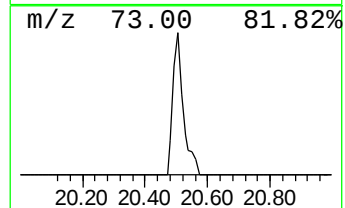
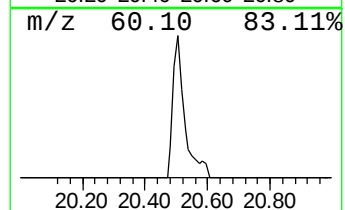
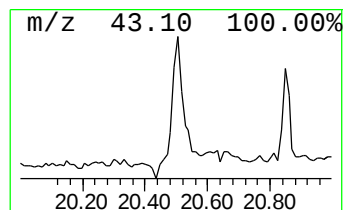
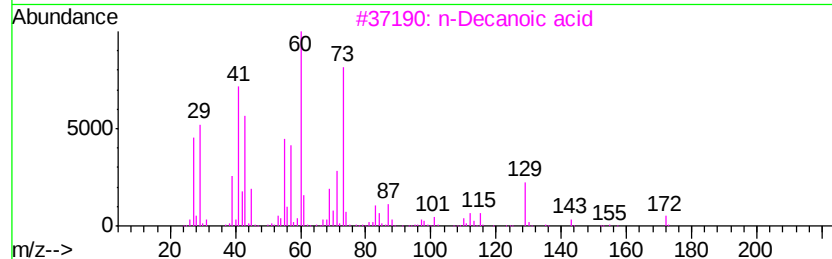
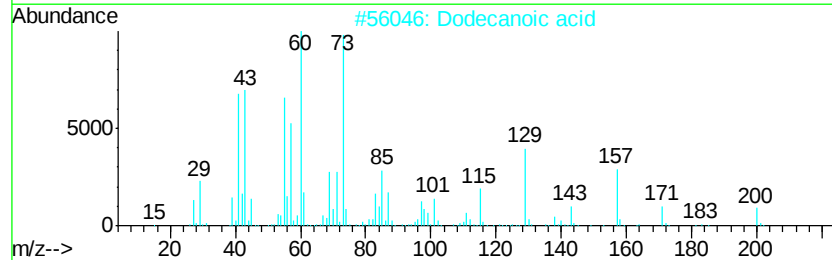
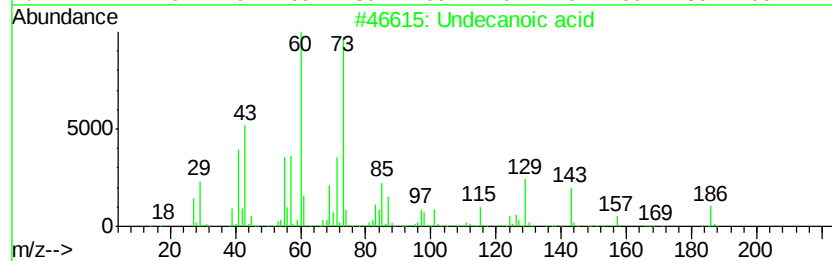
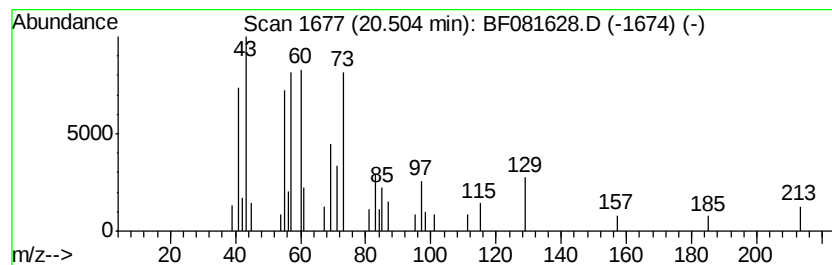
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	3.53 ng	77486	Phenanthrene-d10	18.74

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid		186	C11H22O2	000112-37-8	80
2	Dodecanoic acid		200	C12H24O2	000143-07-7	64
3	n-Decanoic acid		172	C10H20O2	000334-48-5	53
4	.alpha.-D-Glucopyranoside, O-.al...		504	C18H32O16	000597-12-6	27
5	3-Decanone, 8-methoxy-		186	C11H22O2	030571-79-0	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081628.D
Acq On : 15 Sep 2015 14:12
Operator : UM/IZ
Sample : G3597-07 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

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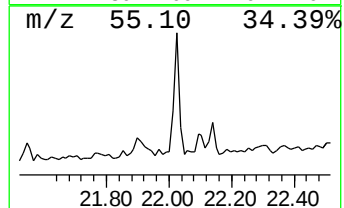
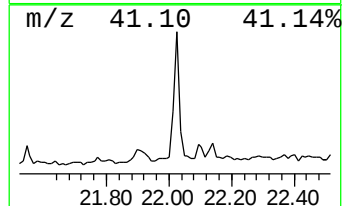
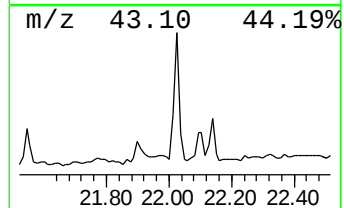
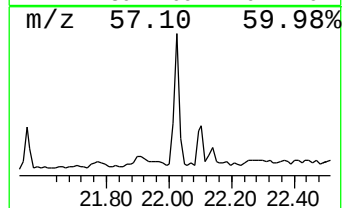
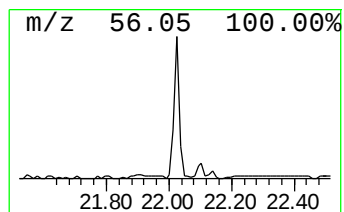
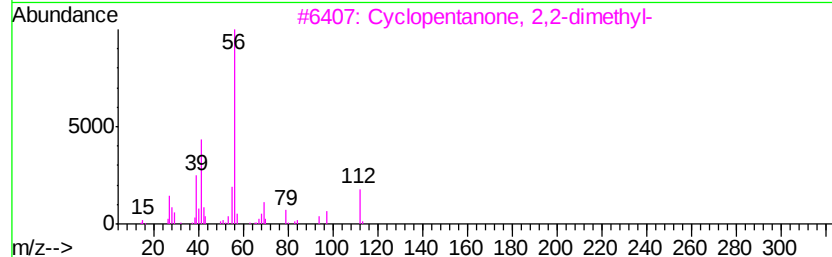
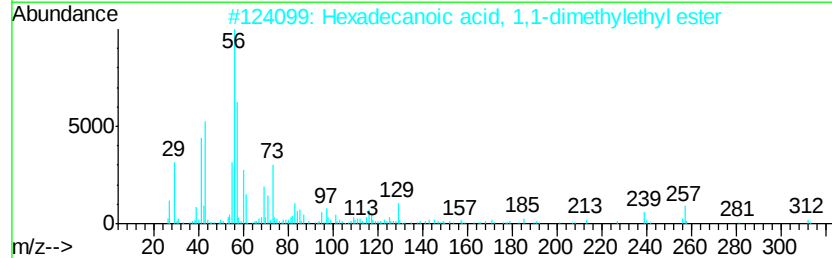
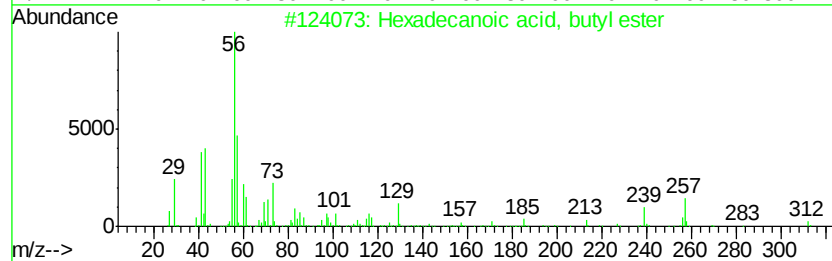
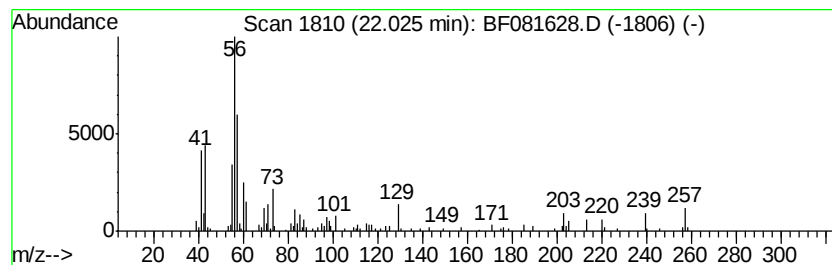
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.02	4.59 ng	169561	Chrysene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	64
3		Cyclopentanone, 2,2-dimethyl-	112	C7H12O	004541-32-6	38
4		1-Hexene, 2-methyl-	98	C7H14	006094-02-6	35
5		1-Hexene, 4-methyl-	98	C7H14	003769-23-1	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
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Sample : G3597-07 2X
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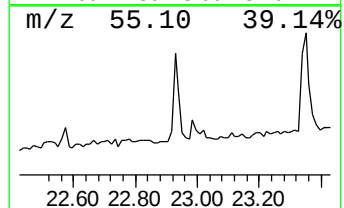
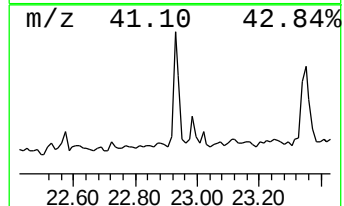
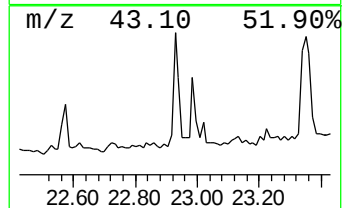
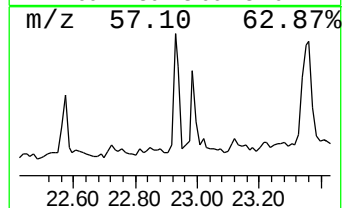
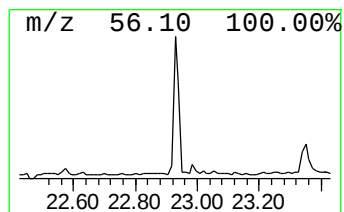
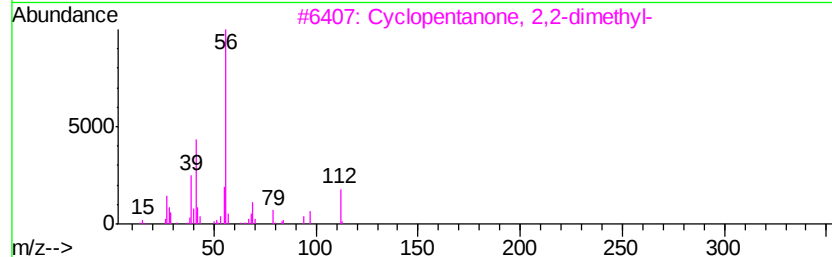
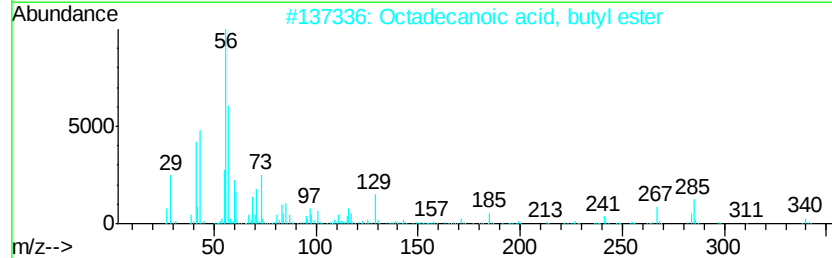
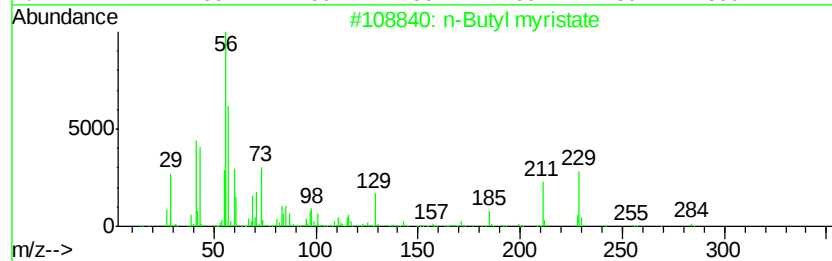
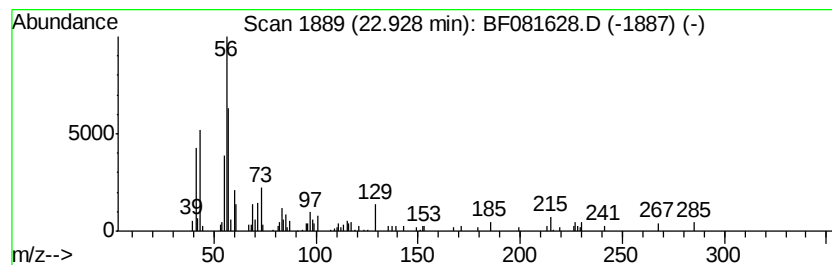
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Butyl myristate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.93	4.07 ng	150417	Chrysene-d12	23.38		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Butyl myristate	284	C18H36O2	000110-36-1	80
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	80
3		Cyclopentanone, 2,2-dimethyl-	112	C7H12O	004541-32-6	43
4		Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	38
5		1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081628.D
Acq On : 15 Sep 2015 14:12
Operator : UM/IZ
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Instrument :
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ClientSampleId :
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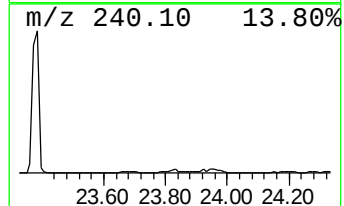
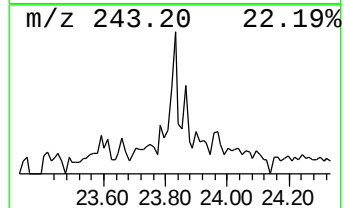
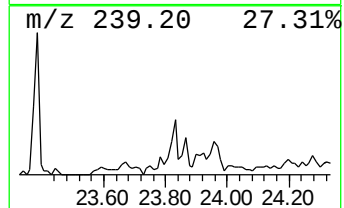
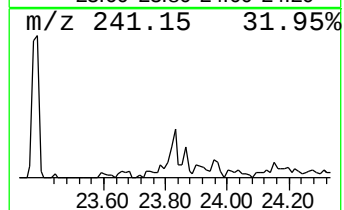
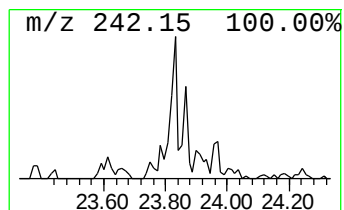
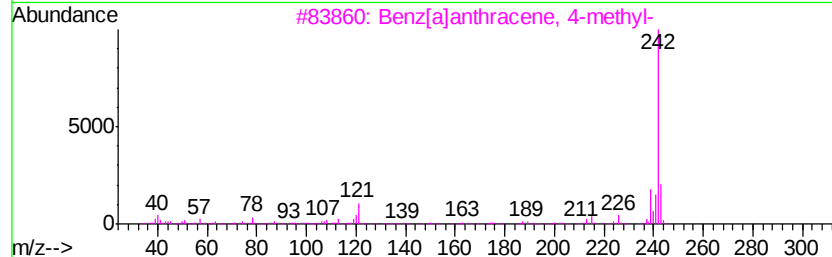
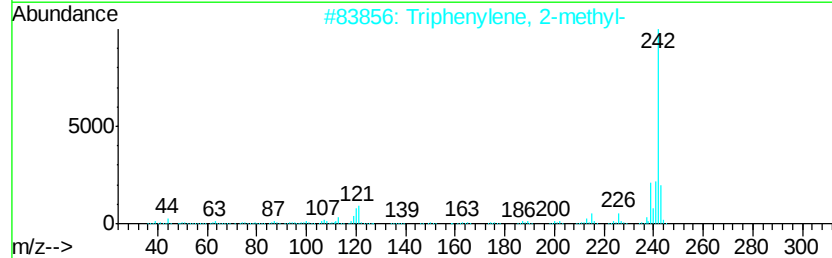
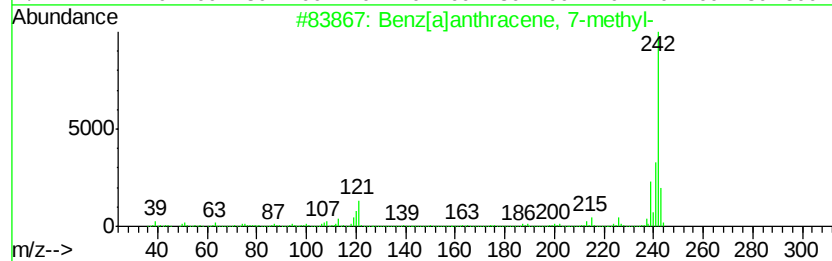
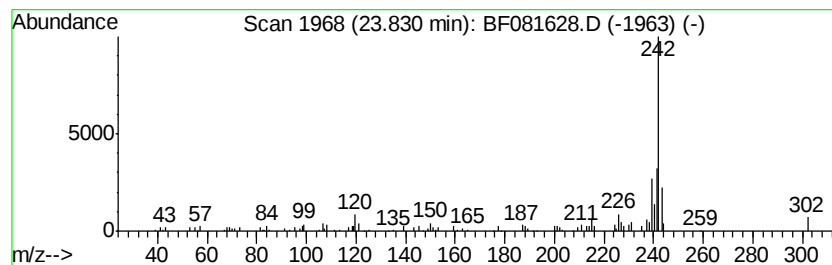
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benz[a]anthracene, 7-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.83	2.91 ng	107463	Chrysene-d12	23.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
2			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
3			Benz[a]anthracene, 4-methyl-	242	C19H14	000316-49-4	89
4			Chrysene, 1-methyl-	242	C19H14	003351-28-8	81
5			Benz[a]anthracene, 6-methyl-	242	C19H14	000316-14-3	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
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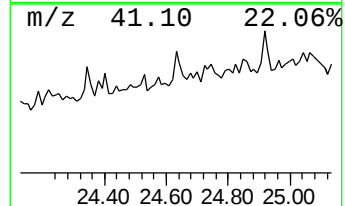
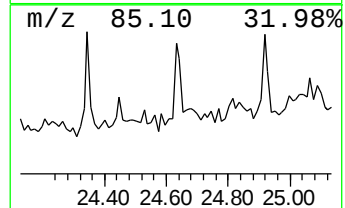
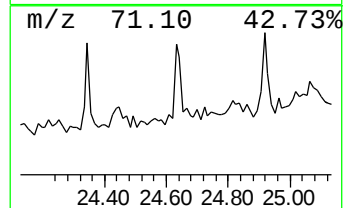
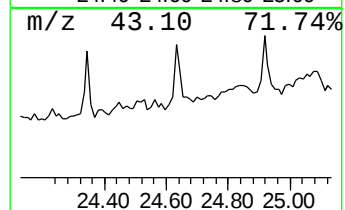
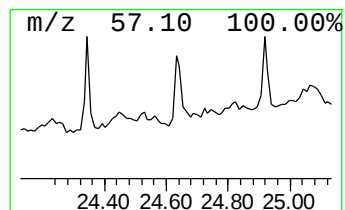
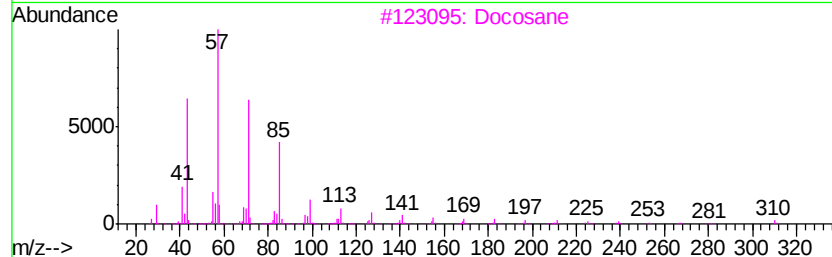
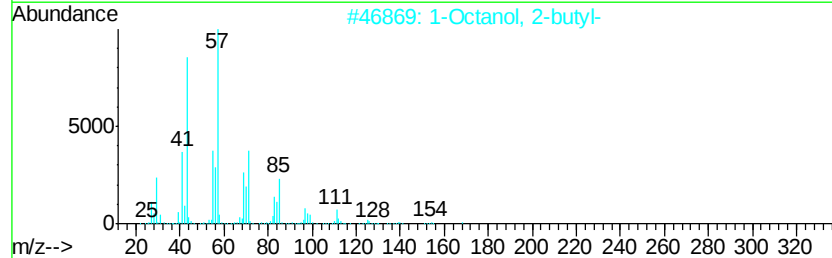
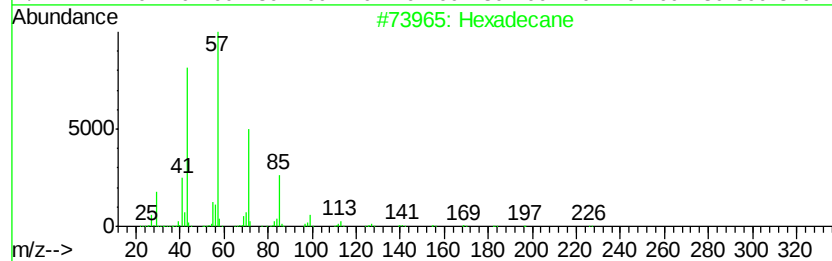
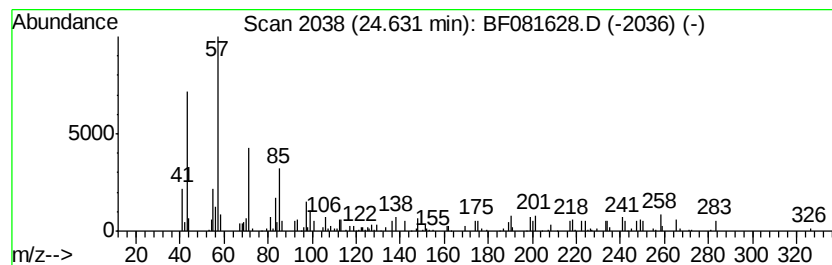
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown24.63 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.63	3.53 ng	60593	Perylene-d12	24.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	49
2	1-Octanol, 2-butyl-	186 C12H26O	003913-02-8	47
3	Docosane	310 C22H46	000629-97-0	47
4	Hexadecane, 1-iodo-	352 C16H33I	000544-77-4	47
5	Octadecane	254 C18H38	000593-45-3	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081628.D
Acq On : 15 Sep 2015 14:12
Operator : UM/IZ
Sample : G3597-07 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GP-7(0-5)

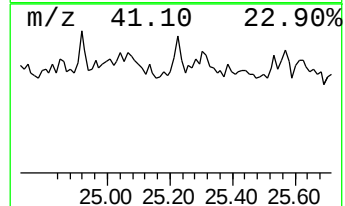
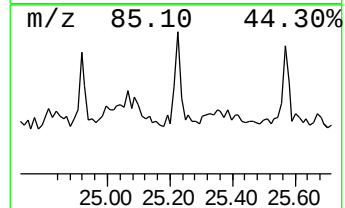
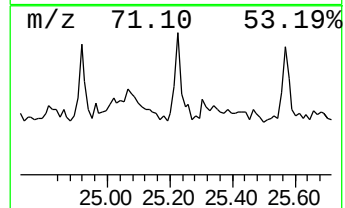
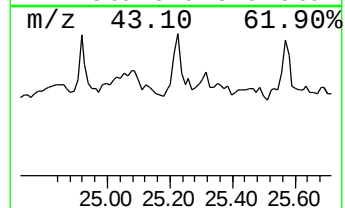
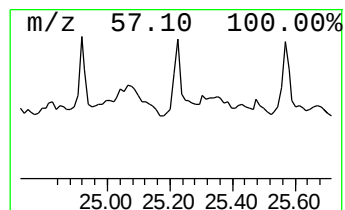
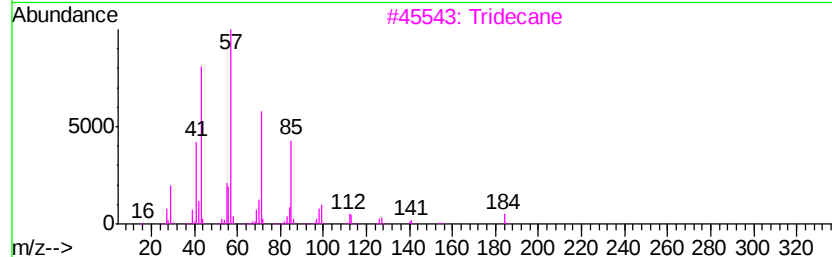
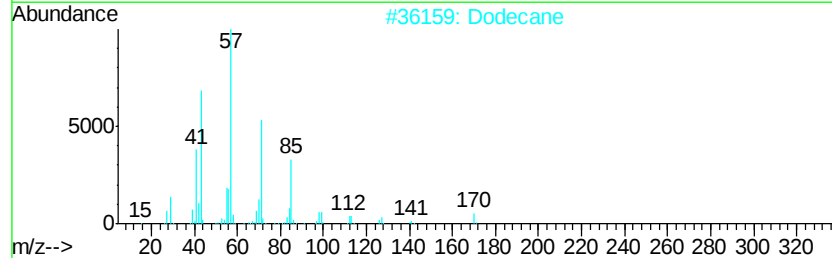
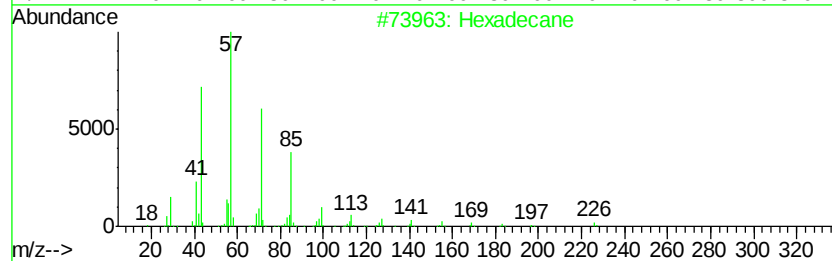
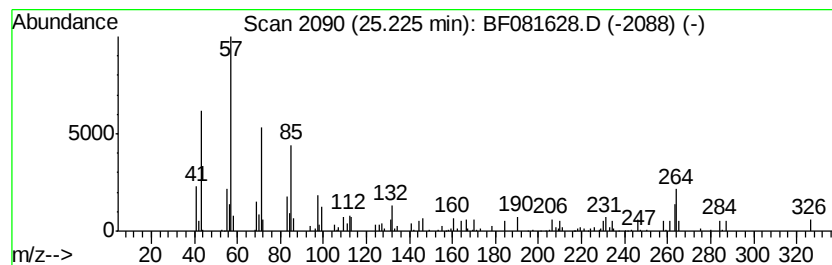
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.22	2.60 ng	44519	Perylene-d12	24.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	87
2		Dodecane	170	C12H26	000112-40-3	55
3		Tridecane	184	C13H28	000629-50-5	49
4		Octacosane	394	C28H58	000630-02-4	49
5		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081628.D
Acq On : 15 Sep 2015 14:12
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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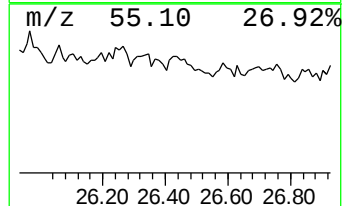
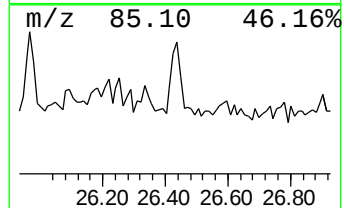
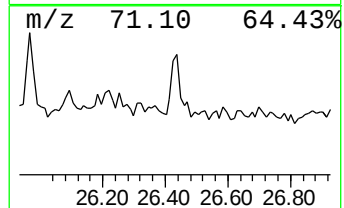
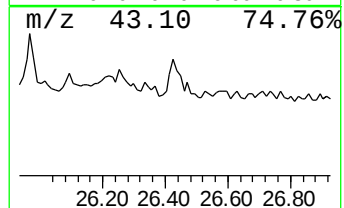
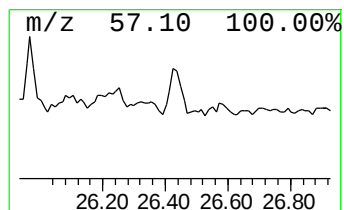
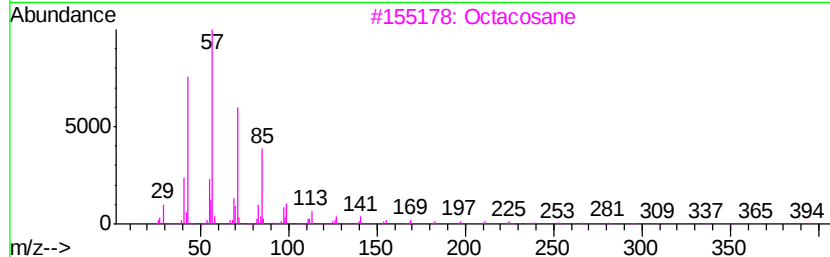
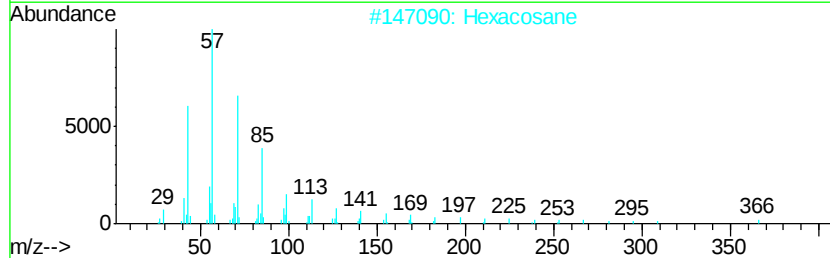
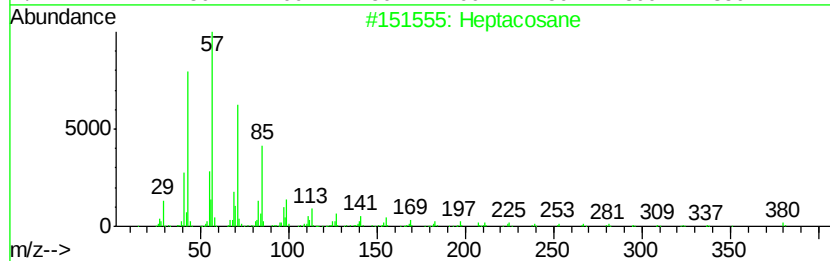
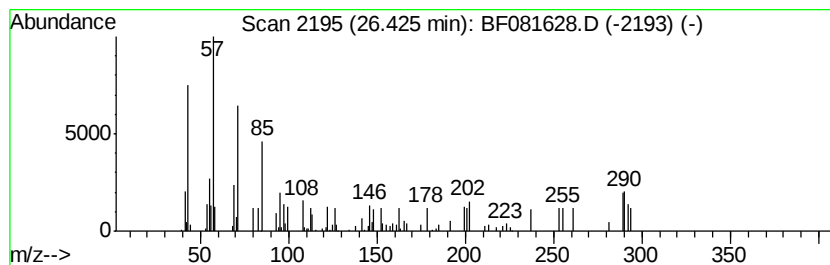
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown26.43 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.43	3.56 ng	61093	Perylene-d12	24.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	38
2		Hexacosane	366	C26H54	000630-01-3	35
3		Octacosane	394	C28H58	000630-02-4	30
4		Docosane	310	C22H46	000629-97-0	30
5		Tetratriacontane	479	C34H70	014167-59-0	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081628.D
Acq On : 15 Sep 2015 14:12
Operator : UM/IZ
Sample : G3597-07 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-7(0-5)

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...	4.47	28.4	ng	518405	1	8.21	365557	20.0
unknown7.73	7.73	51.1	ng	934623	1	8.21	365557	20.0
Octane, 2,4,6-tri...	17.78	2.7	ng	58877	4	18.74	439268	20.0
Undecanoic acid	20.50	3.5	ng	77486	4	18.74	439268	20.0
Hexadecanoic acid...	22.02	4.6	ng	169561	5	23.38	739328	20.0
n-Butyl myristate	22.93	4.1	ng	150417	5	23.38	739328	20.0
Benz[a]anthracene...	23.83	2.9	ng	107463	5	23.38	739328	20.0
unknown24.63	24.63	3.5	ng	60593	6	24.81	342866	20.0
Hexadecane	25.22	2.6	ng	44519	6	24.81	342866	20.0
unknown26.43	26.43	3.6	ng	61093	6	24.81	342866	20.0