

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
 Data File : BF081632.D
 Acq On : 15 Sep 2015 16:38
 Operator : UM/IZ
 Sample : G3597-14 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-14(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	1.462	8	11	16	rVB	4069	9943	1.25%	0.118%
2	1.543	16	18	48	rVB	239914	797201	100.00%	9.441%
3	4.446	270	272	287	rBV	63263	138077	17.32%	1.635%
4	5.349	349	351	366	rBB	94926	213583	26.79%	2.530%
5	7.657	550	553	558	rBV	72805	197877	24.82%	2.344%
6	7.737	558	560	571	rVB	130722	274813	34.47%	3.255%
7	8.206	598	601	606	rBB	200789	313048	39.27%	3.708%
8	8.526	626	629	635	rBB	111988	177867	22.31%	2.107%
9	9.498	711	714	722	rBV	90174	153070	19.20%	1.813%
10	11.109	851	855	859	rBV	255210	395244	49.58%	4.681%
11	13.749	1082	1086	1089	rBV	167968	250675	31.44%	2.969%
12	14.801	1176	1178	1182	rBV	21095	36112	4.53%	0.428%
13	15.247	1213	1217	1221	rBV	227007	393391	49.35%	4.659%
14	16.641	1335	1339	1342	rBB	5827	9601	1.20%	0.114%
15	17.144	1380	1383	1388	rBB	68923	126011	15.81%	1.492%
16	17.784	1436	1439	1446	rVB2	6949	21306	2.67%	0.252%
17	18.744	1520	1523	1526	rBV	211126	388670	48.75%	4.603%
18	18.801	1526	1528	1531	rVV	73462	110827	13.90%	1.313%
19	18.870	1531	1534	1536	rVV	6932	13636	1.71%	0.161%
20	18.927	1536	1539	1544	rVB	15416	28973	3.63%	0.343%
21	19.407	1578	1581	1587	rBV	7239	13902	1.74%	0.165%
22	19.910	1620	1625	1629	rBV	5736	12404	1.56%	0.147%
23	19.979	1629	1631	1634	rVV	9838	15790	1.98%	0.187%
24	20.036	1634	1636	1639	rVV	10527	17960	2.25%	0.213%
25	20.196	1647	1650	1654	rVV2	12323	29939	3.76%	0.355%
26	20.276	1654	1657	1663	rVB3	7000	15008	1.88%	0.178%
27	20.504	1670	1677	1685	rBV	15328	41841	5.25%	0.496%
28	20.744	1693	1698	1700	rVB2	15189	31752	3.98%	0.376%
29	20.847	1704	1707	1710	rBV	6258	9626	1.21%	0.114%
30	21.190	1734	1737	1739	rBV2	8033	13820	1.73%	0.164%
31	21.304	1744	1747	1748	rVV2	8073	13016	1.63%	0.154%
32	21.419	1754	1757	1760	rVV	239659	353049	44.29%	4.181%
33	21.544	1763	1768	1770	rBV	10754	20104	2.52%	0.238%
34	21.773	1785	1788	1792	rBV	293122	371878	46.65%	4.404%

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Filtering: 5
 Min Area: 3 % of largest Peak
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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	21.899	1795	1799	1802	rBV2	13731	31655	3.97%	0.375%
36	22.025	1806	1810	1814	rBV2	46088	72418	9.08%	0.858%
37	22.105	1814	1817	1819	rBV	172168	229992	28.85%	2.724%
38	22.139	1819	1820	1823	rVB	21113	24272	3.04%	0.287%
39	22.196	1823	1825	1827	rVB	5144	8612	1.08%	0.102%
40	22.287	1827	1833	1836	rBV2	24901	65548	8.22%	0.776%
41	22.379	1839	1841	1843	rBV	16523	25217	3.16%	0.299%
42	22.425	1843	1845	1846	rVV	13714	20649	2.59%	0.245%
43	22.447	1846	1847	1849	rVV2	11491	14006	1.76%	0.166%
44	22.539	1852	1855	1856	rVV2	13863	15837	1.99%	0.188%
45	22.573	1856	1858	1860	rVB	35997	40426	5.07%	0.479%
46	22.607	1860	1861	1864	rBV3	4999	10370	1.30%	0.123%
47	22.813	1876	1879	1880	rBV3	4539	8943	1.12%	0.106%
48	22.859	1882	1883	1886	rVB	10319	9779	1.23%	0.116%
49	22.950	1888	1891	1893	rVV2	26494	70112	8.79%	0.830%
50	22.985	1893	1894	1896	rVV	38134	34480	4.33%	0.408%
51	23.076	1900	1902	1904	rVV2	29637	40970	5.14%	0.485%
52	23.122	1904	1906	1908	rVB2	21519	39789	4.99%	0.471%
53	23.168	1908	1910	1912	rBV2	20009	23981	3.01%	0.284%
54	23.213	1912	1914	1917	rBV	35672	44632	5.60%	0.529%
55	23.282	1918	1920	1922	rBV	6547	8423	1.06%	0.100%
56	23.373	1923	1928	1930	rBV3	321984	573362	71.92%	6.790%
57	23.408	1930	1931	1933	rVV	198468	159616	20.02%	1.890%
58	23.488	1936	1938	1940	rVB	63327	60701	7.61%	0.719%
59	23.556	1942	1944	1945	rBV2	10337	18542	2.33%	0.220%
60	23.613	1948	1949	1951	rVB2	15737	21030	2.64%	0.249%
61	23.670	1951	1954	1956	rBV3	17145	33662	4.22%	0.399%
62	23.716	1956	1958	1960	rVB	37375	53948	6.77%	0.639%
63	23.830	1966	1968	1969	rVB	21913	20136	2.53%	0.238%
64	23.865	1969	1971	1975	rBV2	12072	28279	3.55%	0.335%
65	24.036	1984	1986	1989	rVB2	49838	55736	6.99%	0.660%
66	24.173	1996	1998	1999	rBV	15127	20613	2.59%	0.244%
67	24.345	2011	2013	2016	rVB2	50092	51150	6.42%	0.606%
68	24.402	2016	2018	2019	rBV	15775	17498	2.19%	0.207%
69	24.482	2022	2025	2029	rBV	170240	332046	41.65%	3.933%
70	24.642	2036	2039	2040	rBV	45365	73290	9.19%	0.868%
71	24.722	2043	2046	2048	rVV	112257	141647	17.77%	1.678%

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72	24.768	2048	2050	2052	rVV	142160	151012	18.94%	1.788%
73	24.813	2052	2054	2061	rVV2	225070	320882	40.25%	3.800%
74	24.916	2061	2063	2065	rVV	39871	52585	6.60%	0.623%
75	25.225	2087	2090	2093	rVB2	46939	73311	9.20%	0.868%
76	25.568	2118	2120	2122	rBV2	36212	50107	6.29%	0.593%
77	25.613	2122	2124	2127	rVB3	19359	26409	3.31%	0.313%
78	25.865	2143	2146	2149	rBV	61625	95942	12.03%	1.136%
79	26.174	2170	2173	2175	rBV	42856	72719	9.12%	0.861%
80	26.436	2193	2196	2200	rVB	21004	45143	5.66%	0.535%
81	26.974	2241	2243	2250	rVB6	18932	44144	5.54%	0.523%

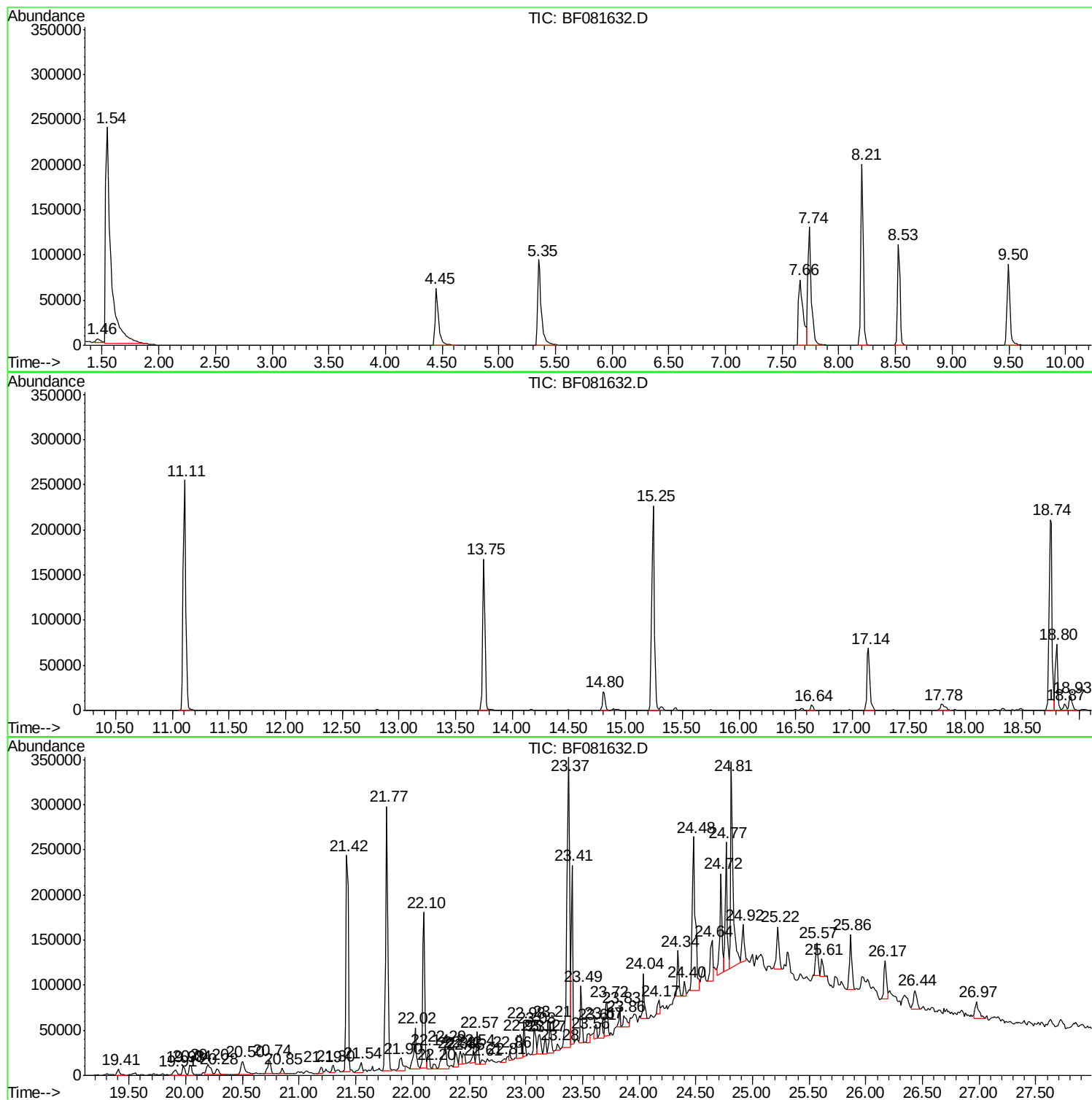
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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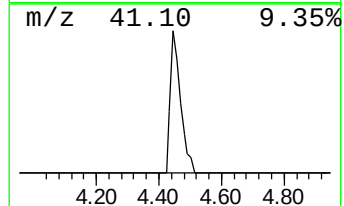
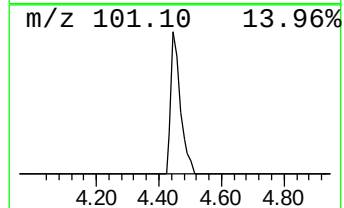
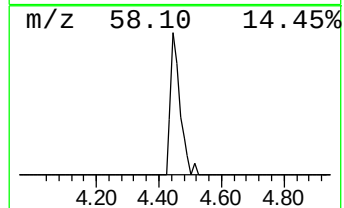
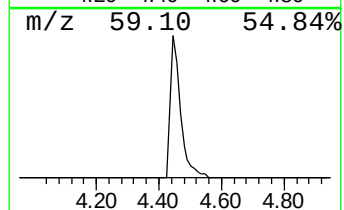
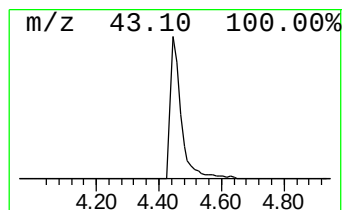
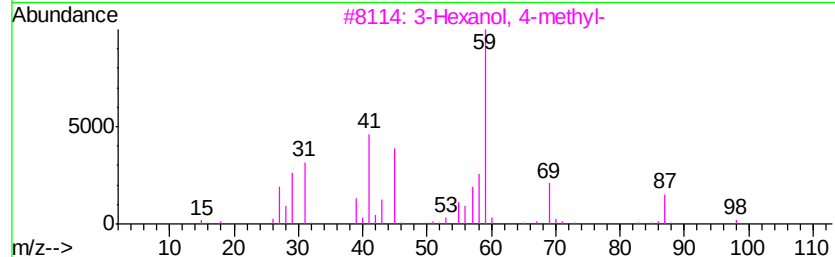
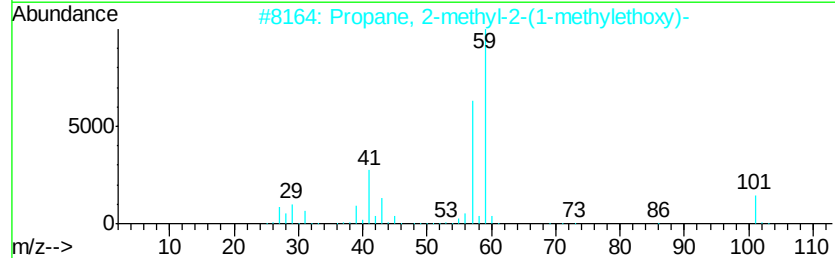
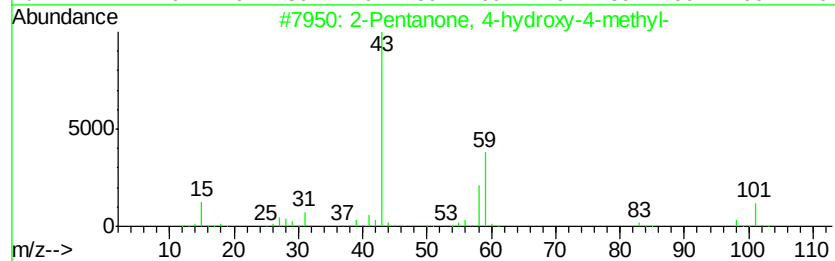
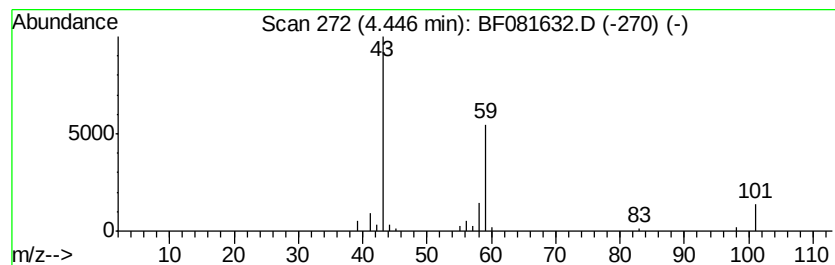
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	8.82 ng	138077	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	64
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		3-Hexanol	102	C6H14O	000623-37-0	33
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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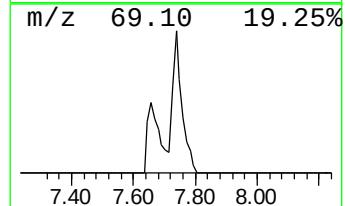
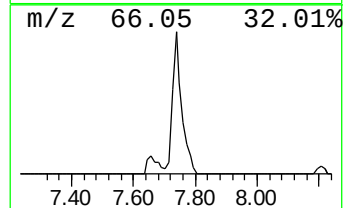
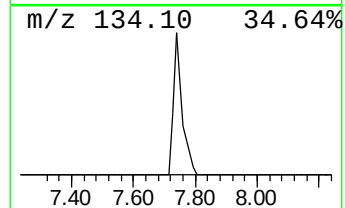
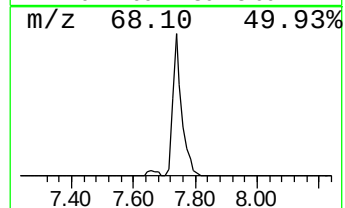
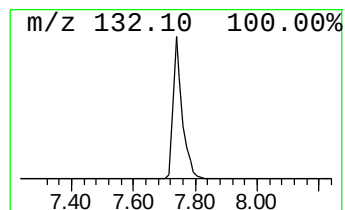
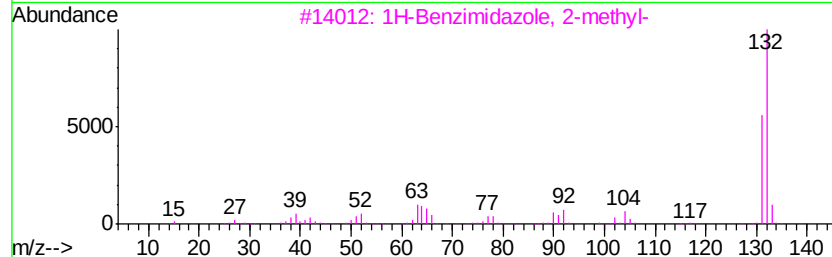
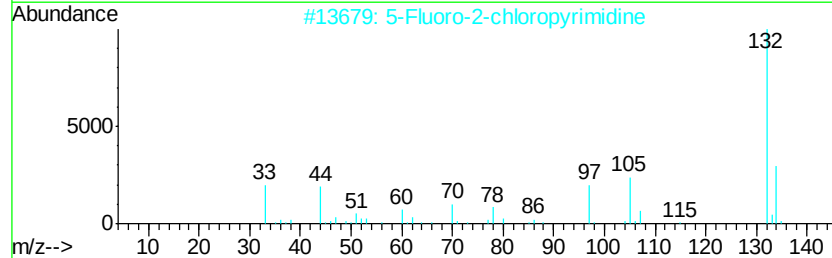
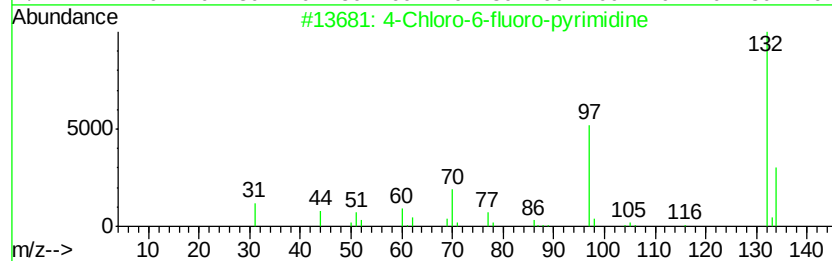
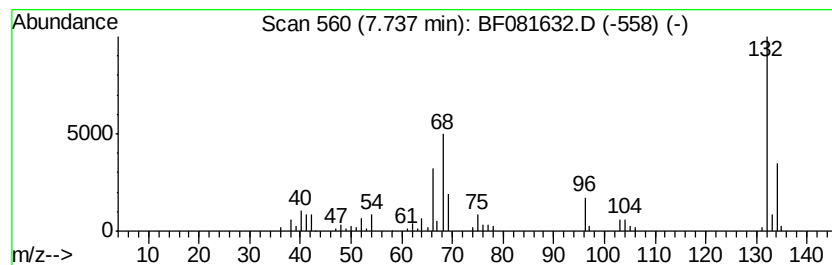
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	17.56 ng	274813	1,4-Dichlorobenzene-d4	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Aminoindole	132	C8H8N2	005192-03-0	22
5		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16



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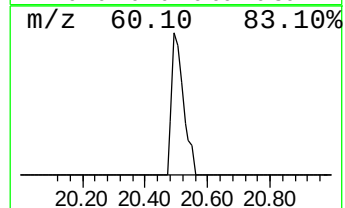
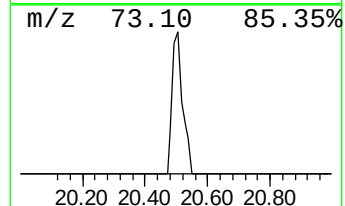
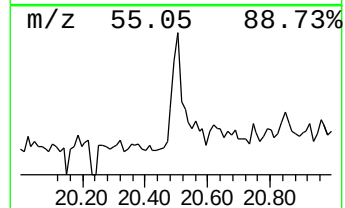
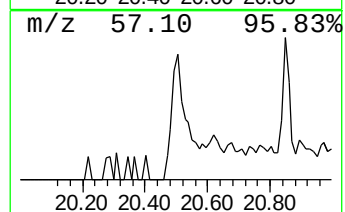
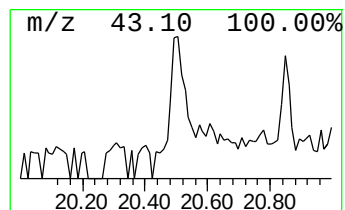
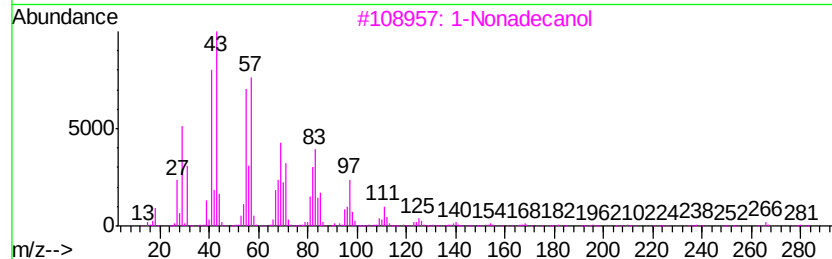
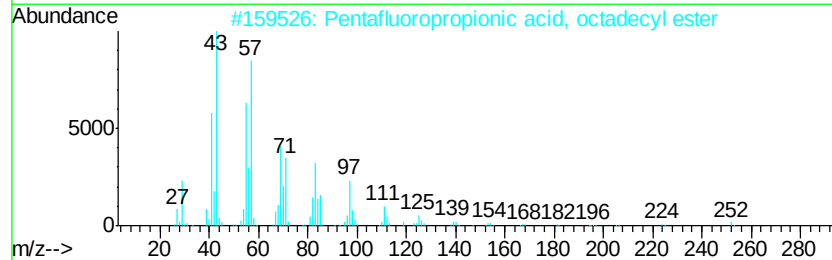
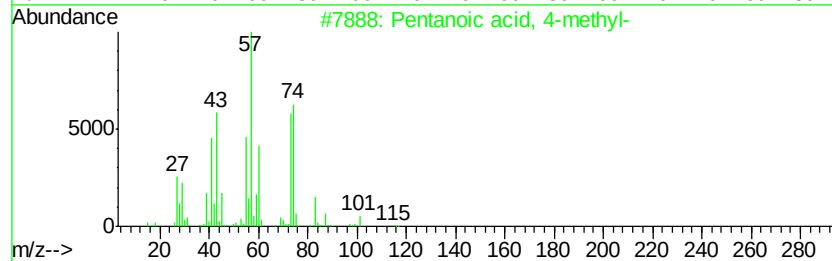
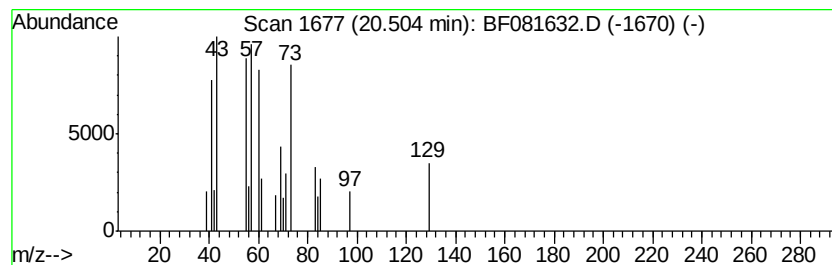
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown20.50 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	2.15 ng	41841	Phenanthrene-d10	18.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanoic acid, 4-methyl-	116	C6H12O2	000646-07-1	32
2		Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	27
3		1-Nonadecanol	284	C19H40O	001454-84-8	22
4		1-Hexacosanol	382	C26H54O	000506-52-5	22
5		1-Tetracosanol	354	C24H50O	000506-51-4	22



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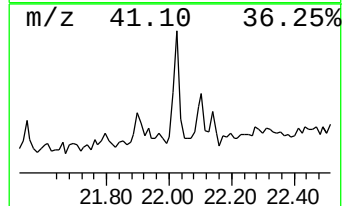
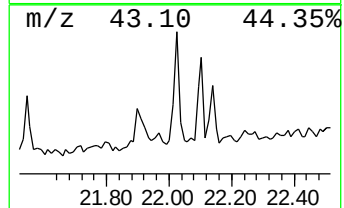
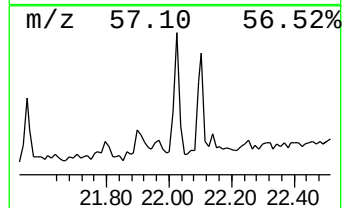
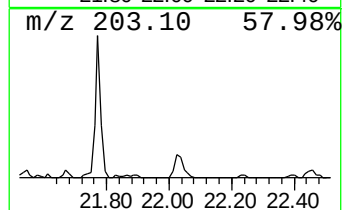
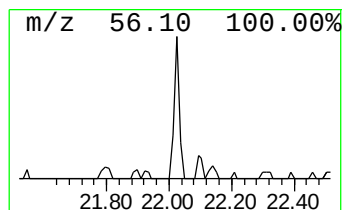
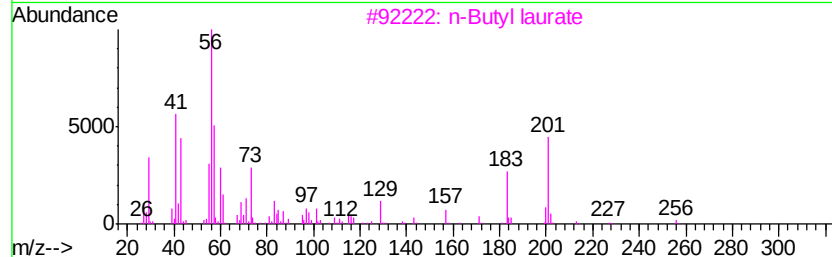
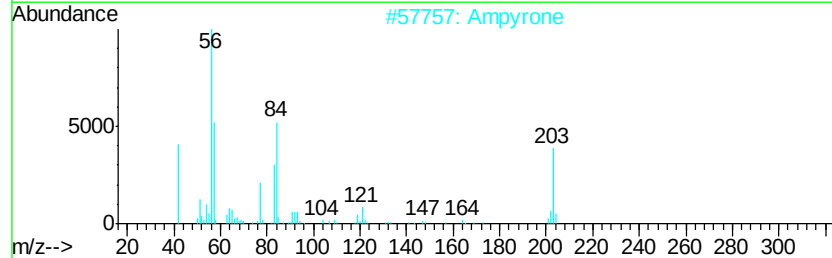
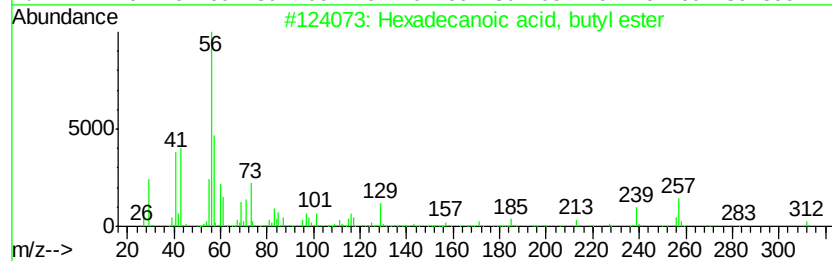
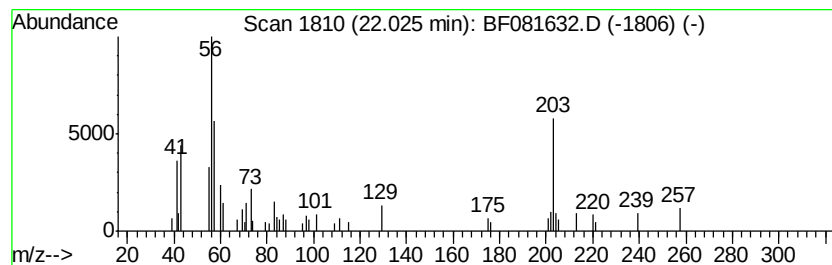
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.02	2.53 ng	72418	Chrysene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	62
2		Ampyrone	203	C11H13N3O	000083-07-8	47
3		n-Butyl laurate	256	C16H32O2	000106-18-3	38
4		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	35
5		Dodecanoic acid tert-butyl ester	256	C16H32O2	007143-18-2	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
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Acq On : 15 Sep 2015 16:38
Operator : UM/IZ
Sample : G3597-14 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

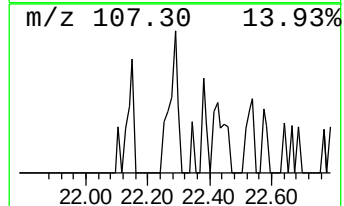
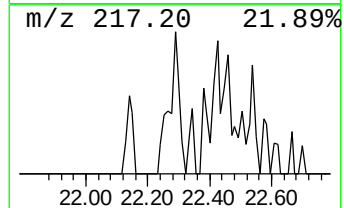
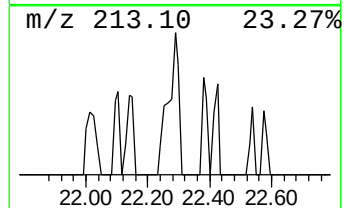
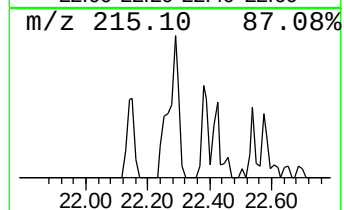
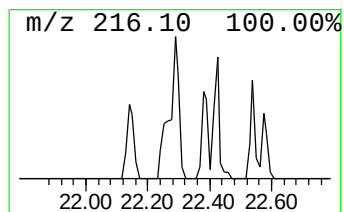
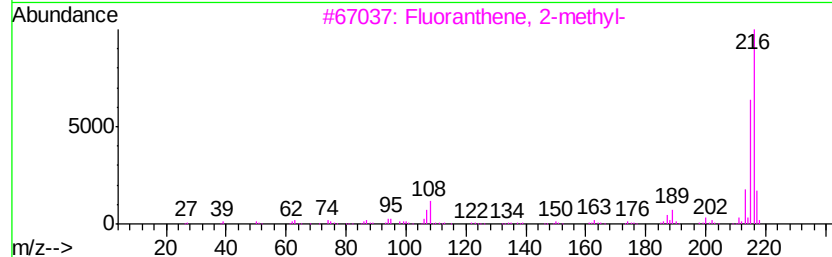
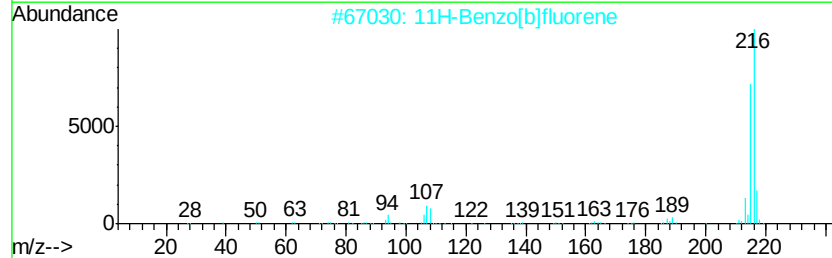
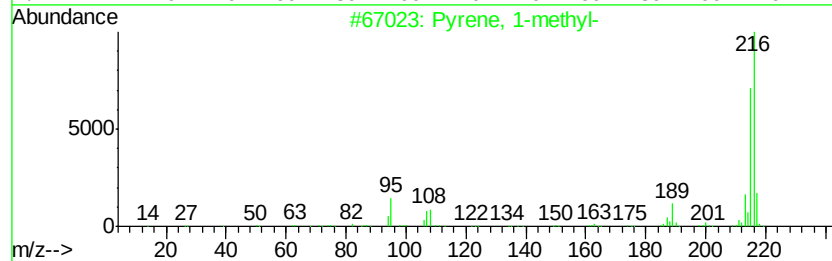
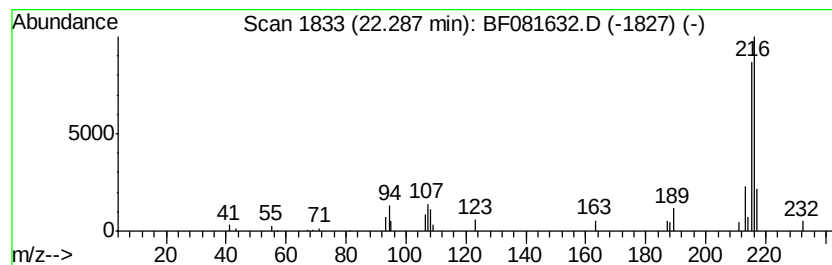
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
22.29	2.29 ng	65548	Chrysene-d12		23.38
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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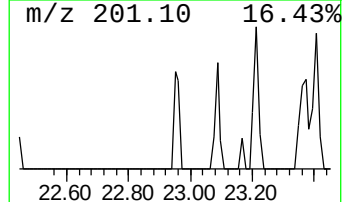
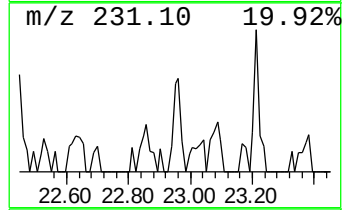
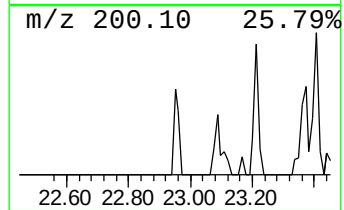
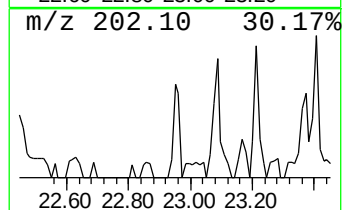
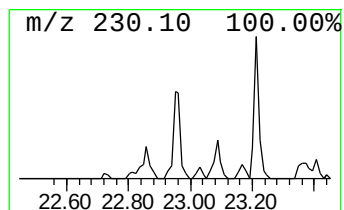
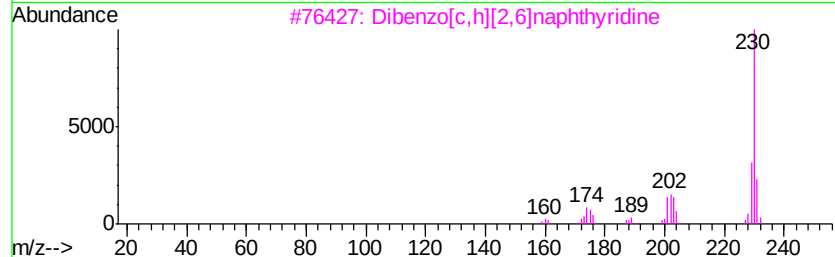
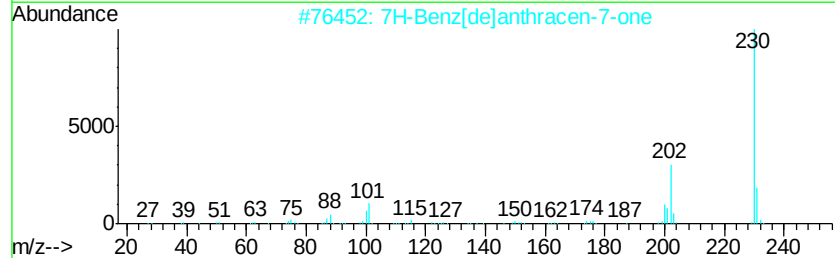
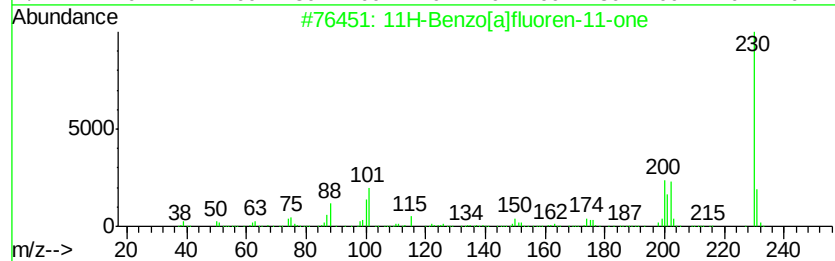
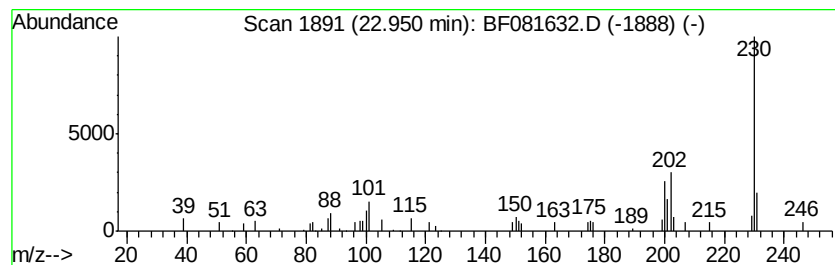
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	2.45 ng	70112	Chrysene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3		Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	59
4		(E)-.alpha.,.alpha.'-Dicyanostil...	230	C16H10N2	002450-55-7	53
5		Naphthalene, 2-styryl-	230	C18H14	002039-70-5	52



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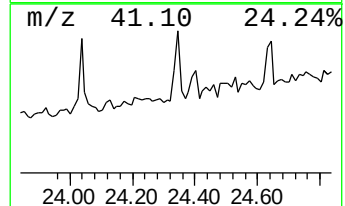
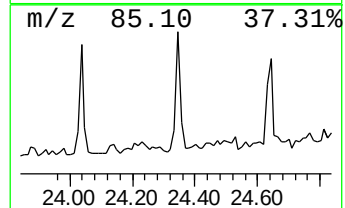
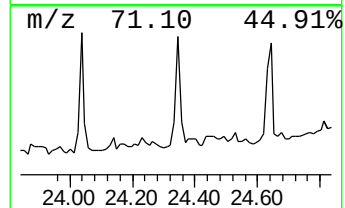
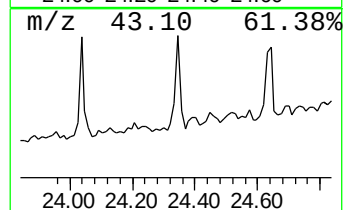
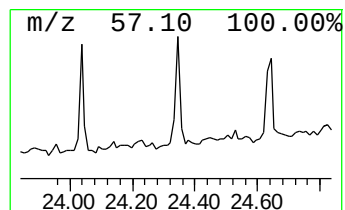
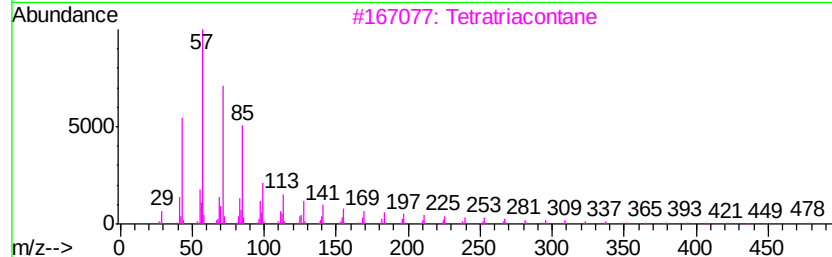
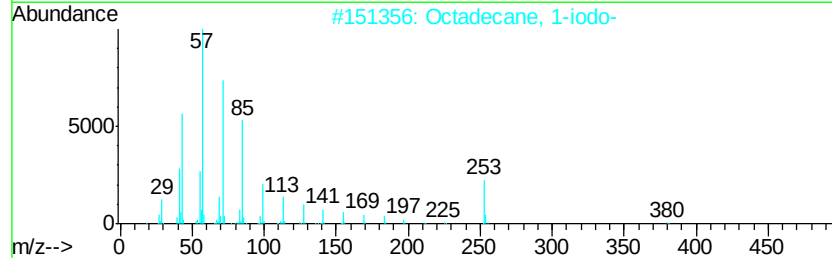
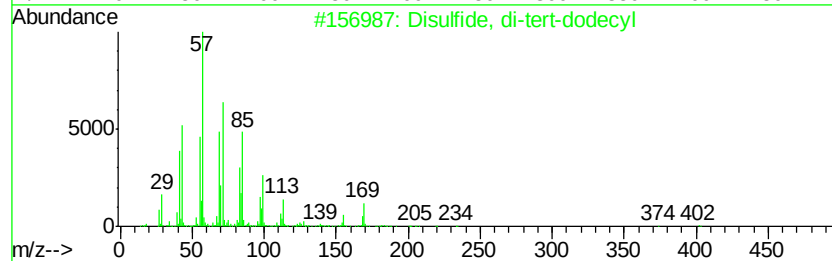
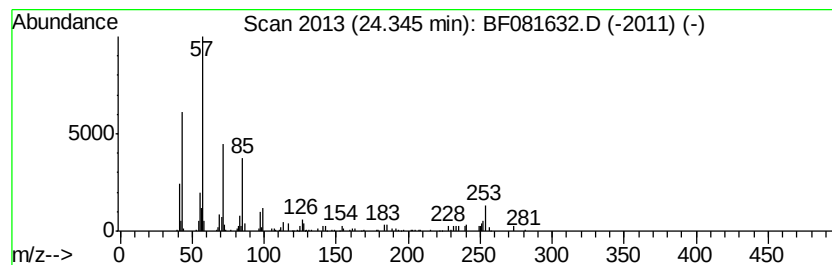
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Disulfide, di-tert-dodecyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.34	3.19 ng	51150	Perylene-d12	24.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	64
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
3	Tetratriacontane	479	C34H70	014167-59-0	64
4	Heptadecane	240	C17H36	000629-78-7	58
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	53



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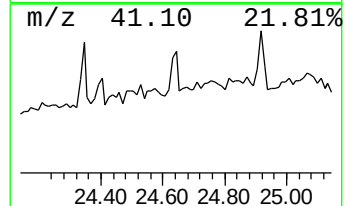
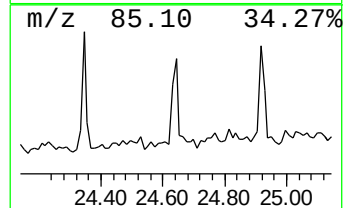
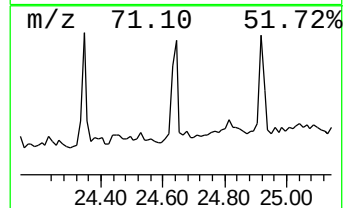
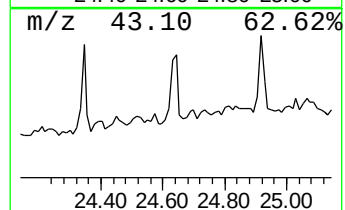
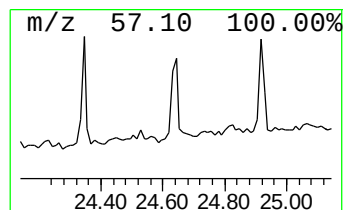
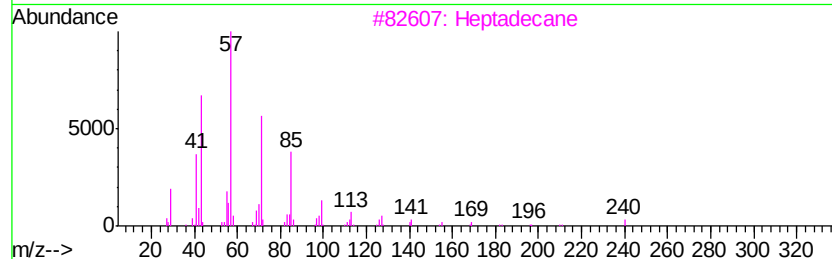
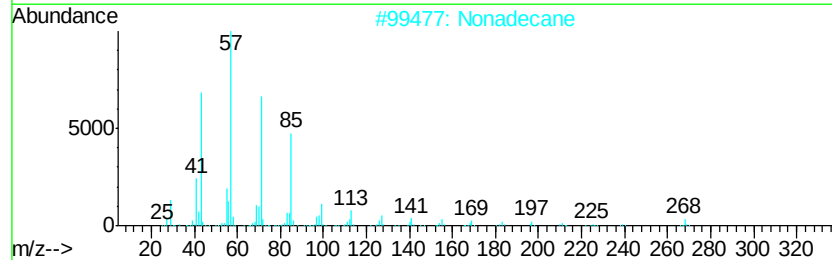
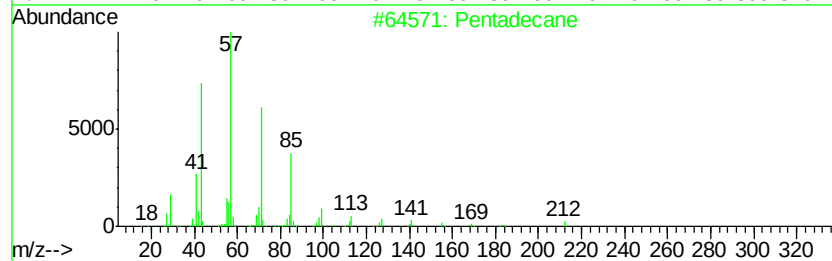
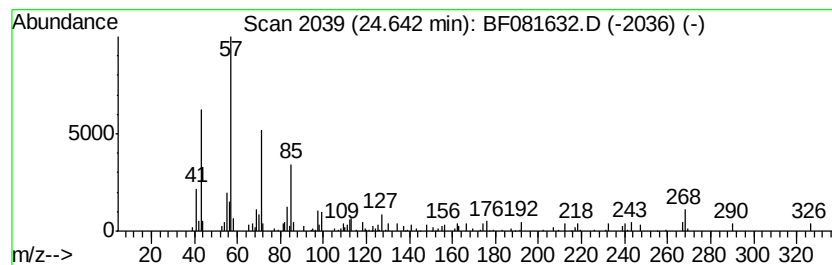
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.64	4.57 ng	73290	Perylene-d12	24.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	78
2	Nonadecane	268 C19H40	000629-92-5	64
3	Heptadecane	240 C17H36	000629-78-7	60
4	Hexadecane	226 C16H34	000544-76-3	55
5	Pentadecane, 8-heptyl-	310 C22H46	071005-15-7	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
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Sample : G3597-14 5X
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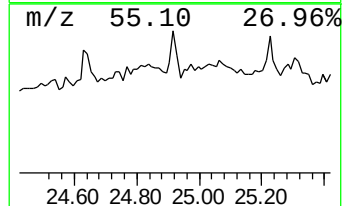
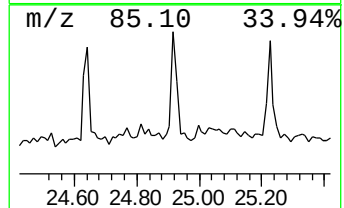
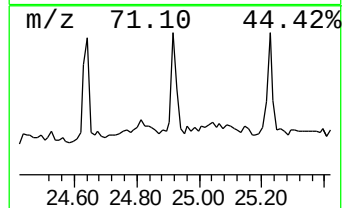
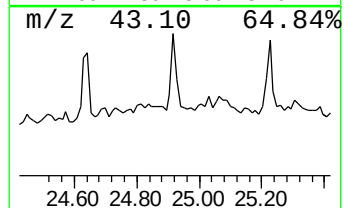
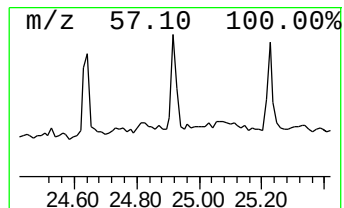
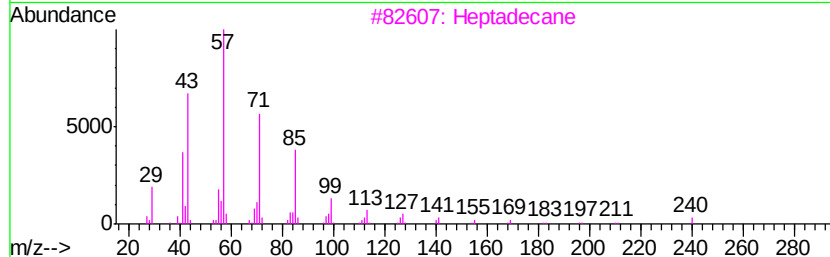
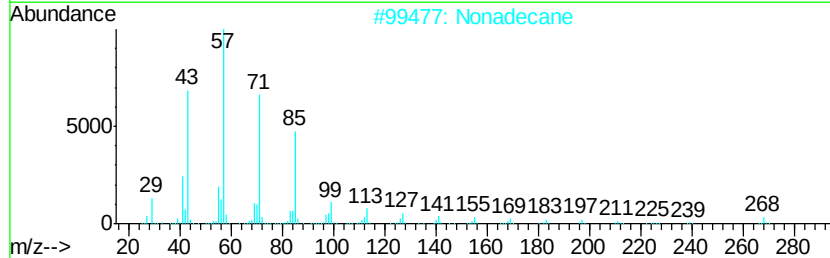
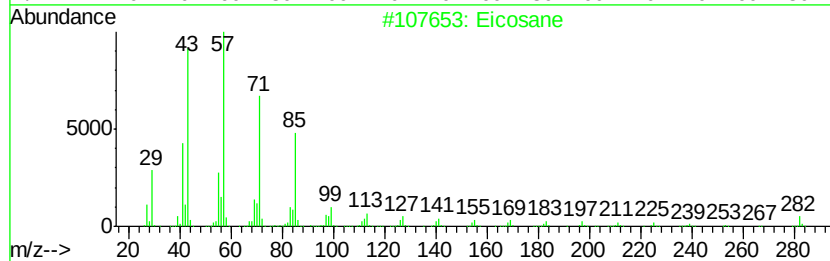
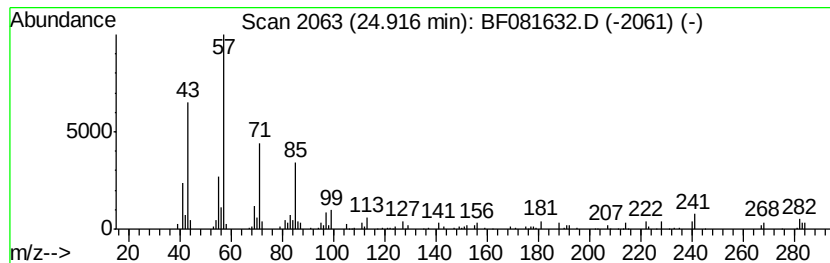
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.92	3.28 ng	52585	Perylene-d12	24.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	93
2	Nonadecane	268 C19H40	000629-92-5	83
3	Heptadecane	240 C17H36	000629-78-7	81
4	Eicosane, 3-methyl-	296 C21H44	006418-46-8	64
5	Tridecane, 7-propyl-	226 C16H34	055045-09-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
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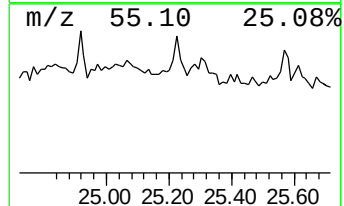
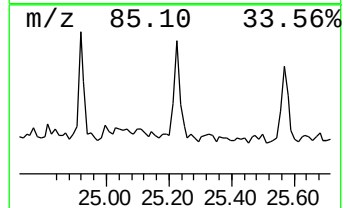
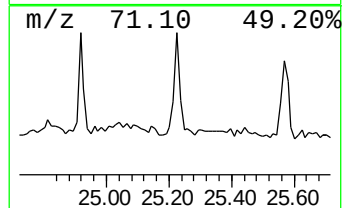
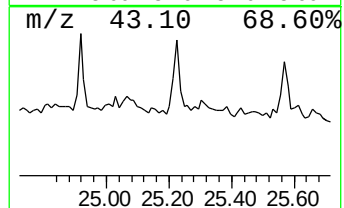
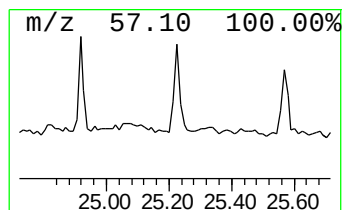
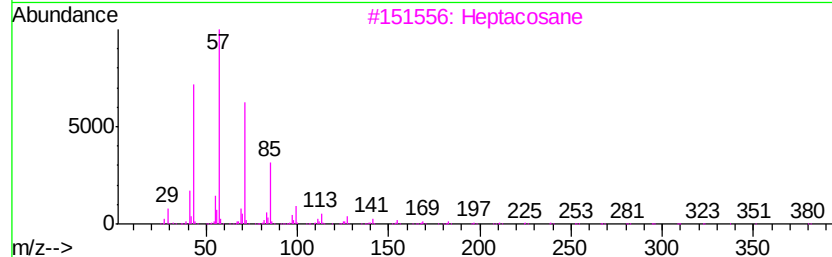
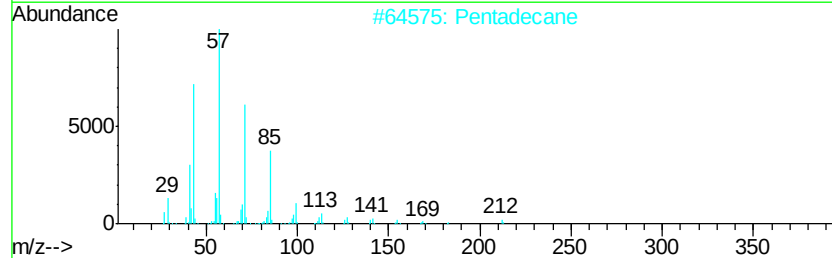
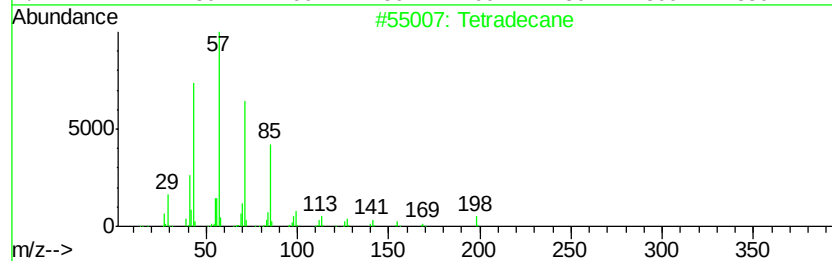
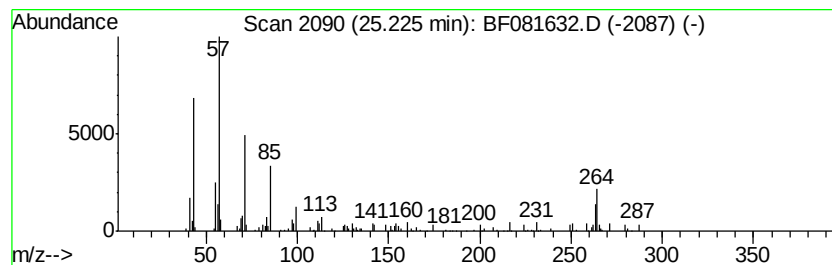
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown25.22 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.22	4.57 ng	73311	Perylene-d12	24.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	43
2		Pentadecane	212	C15H32	000629-62-9	43
3		Heptacosane	380	C27H56	000593-49-7	43
4		Hexadecane	226	C16H34	000544-76-3	43
5		Heptadecane	240	C17H36	000629-78-7	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
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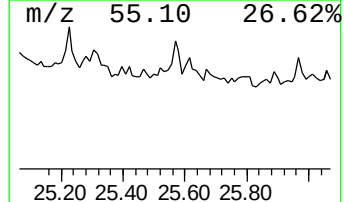
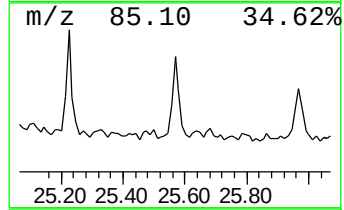
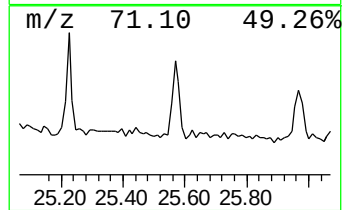
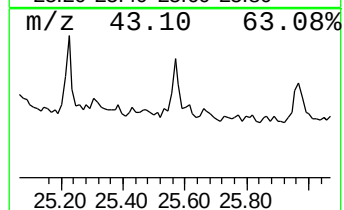
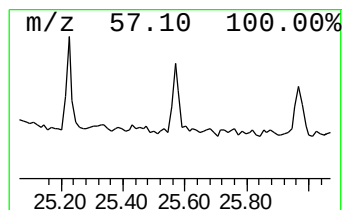
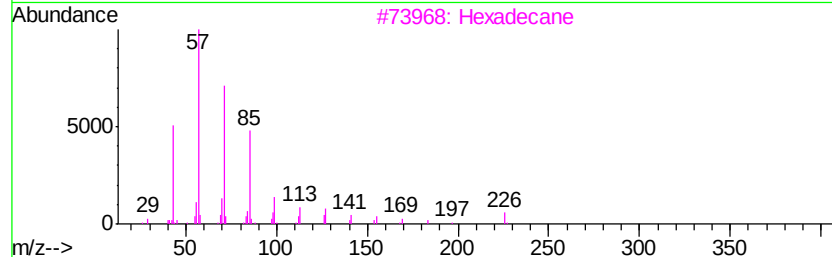
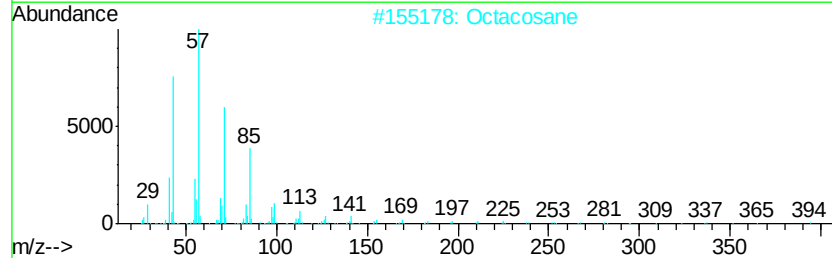
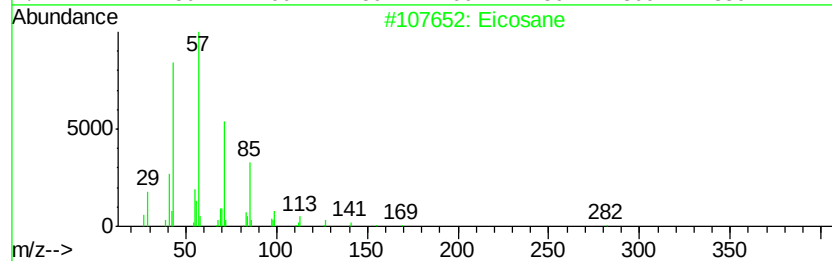
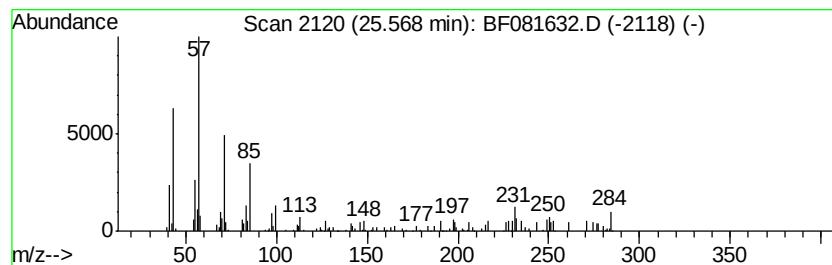
Instrument :
BNA_F
ClientSampleId :
GP-14(0-5)

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

Peak Number 13 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.57	3.12 ng	50107	Perylene-d12	24.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	70
2	Octacosane	394 C28H58	000630-02-4	55
3	Hexadecane	226 C16H34	000544-76-3	55
4	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	49
5	Hexatriacontane	507 C36H74	000630-06-8	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081632.D
Acq On : 15 Sep 2015 16:38
Operator : UM/IZ
Sample : G3597-14 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-14(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...	4.45	8.8	ng	138077	1	8.21	313048	20.0
unknown7.74	7.74	17.6	ng	274813	1	8.21	313048	20.0
unknown20.50	20.50	2.1	ng	41841	4	18.76	388670	20.0
Hexadecanoic acid...	22.02	2.5	ng	72418	5	23.38	573362	20.0
Pyrene, 1-methyl-	22.29	2.3	ng	65548	5	23.38	573362	20.0
11H-Benzo[a]fluor...	22.95	2.5	ng	70112	5	23.38	573362	20.0
Disulfide, di-ter...	24.34	3.2	ng	51150	6	24.81	320882	20.0
Pentadecane	24.64	4.6	ng	73290	6	24.81	320882	20.0
Eicosane	24.92	3.3	ng	52585	6	24.81	320882	20.0
unknown25.22	25.22	4.6	ng	73311	6	24.81	320882	20.0
Octacosane	25.57	3.1	ng	50107	6	24.81	320882	20.0