

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097046.D
 Acq On : 25 Jul 2017 23:12
 Operator : SJ/JU
 Sample : I4290-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.669	469	473	485	rBV	221542	385376	10.45%	0.981%
2	5.110	543	548	563	rBV	2970525	3528816	95.67%	8.984%
3	6.169	722	728	741	rBV	2826365	3688556	100.00%	9.391%
4	6.275	741	746	749	rBV	3228980	3299970	89.47%	8.402%
5	6.498	780	784	789	rBV	1043581	868307	23.54%	2.211%
6	6.657	806	811	814	rBV	2503400	2372460	64.32%	6.040%
7	7.069	875	881	884	rBV	2041124	2204084	59.75%	5.612%
8	7.780	998	1002	1005	rBV	1336169	1119075	30.34%	2.849%
9	8.863	1180	1186	1189	rBV	2889003	2769880	75.09%	7.052%
10	9.257	1248	1253	1256	rBV	296557	231160	6.27%	0.589%
11	9.386	1272	1275	1278	rBV	53284	46847	1.27%	0.119%
12	9.527	1294	1299	1302	rVV	1197757	1091732	29.60%	2.780%
13	9.727	1327	1333	1337	rBV3	32529	41760	1.13%	0.106%
14	9.980	1373	1376	1379	rBV	87610	64761	1.76%	0.165%
15	10.069	1388	1391	1394	rBV	52553	41594	1.13%	0.106%
16	10.198	1407	1413	1416	rBV2	34942	55931	1.52%	0.142%
17	10.316	1428	1433	1436	rBV	1547578	1600521	43.39%	4.075%
18	10.451	1451	1456	1462	rBV2	132242	167197	4.53%	0.426%
19	10.510	1462	1466	1468	rBV	92290	89214	2.42%	0.227%
20	10.539	1468	1471	1474	rBV2	94828	100477	2.72%	0.256%
21	10.574	1474	1477	1479	rBV2	84125	73381	1.99%	0.187%
22	10.639	1485	1488	1492	rVB3	39398	62807	1.70%	0.160%
23	10.680	1492	1495	1499	rVV3	70913	96539	2.62%	0.246%
24	10.721	1499	1502	1504	rVV	97728	86469	2.34%	0.220%
25	10.763	1507	1509	1514	rVB2	58854	55157	1.50%	0.140%
26	10.898	1528	1532	1535	rVB2	78173	71695	1.94%	0.183%
27	10.998	1545	1549	1551	rBV	1106215	936752	25.40%	2.385%
28	11.021	1551	1553	1557	rVB	609111	474328	12.86%	1.208%
29	11.074	1557	1562	1566	rVB	139051	140707	3.81%	0.358%
30	11.186	1577	1581	1584	rVB	1214638	991972	26.89%	2.526%
31	11.233	1587	1589	1597	rVB	47564	49759	1.35%	0.127%
32	11.321	1602	1604	1609	rVB3	33610	45114	1.22%	0.115%
33	11.498	1628	1634	1636	rBV	115371	117770	3.19%	0.300%
34	11.527	1636	1639	1641	rVV	140165	114187	3.10%	0.291%

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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

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35	11.557	1641	1644	1646	rVV	283584	237947	6.45%	0.606%
36	11.604	1650	1652	1655	rVV	138626	147728	4.01%	0.376%
37	11.627	1655	1656	1659	rVB	65540	51881	1.41%	0.132%
38	11.727	1670	1673	1679	rVV2	84596	85199	2.31%	0.217%
39	11.792	1681	1684	1687	rVV	60056	62590	1.70%	0.159%
40	12.045	1724	1727	1730	rBV	67794	63636	1.73%	0.162%
41	12.133	1740	1742	1746	rVB3	44762	47820	1.30%	0.122%
42	12.204	1750	1754	1758	rBV	679549	607533	16.47%	1.547%
43	12.262	1760	1764	1768	rBV6	22231	40009	1.08%	0.102%
44	12.345	1773	1778	1781	rBV3	54419	92824	2.52%	0.236%
45	12.427	1787	1792	1795	rBV	1418866	1276286	34.60%	3.249%
46	12.480	1795	1801	1803	rVV2	87943	154901	4.20%	0.394%
47	12.504	1803	1805	1808	rVV2	135931	107521	2.91%	0.274%
48	12.586	1814	1819	1822	rVV	1590658	1667717	45.21%	4.246%
49	12.651	1825	1830	1833	rBV2	45452	63550	1.72%	0.162%
50	12.739	1842	1845	1846	rBV2	38744	40932	1.11%	0.104%
51	12.757	1846	1848	1851	rVB2	81422	76073	2.06%	0.194%
52	12.833	1854	1861	1864	rBV2	74809	126723	3.44%	0.323%
53	12.862	1864	1866	1873	rVB	67409	68800	1.87%	0.175%
54	12.951	1878	1881	1884	rBV2	47635	43061	1.17%	0.110%
55	12.980	1884	1886	1891	rBV2	44332	42555	1.15%	0.108%
56	13.127	1908	1911	1915	rBV	544806	535957	14.53%	1.365%
57	13.174	1915	1919	1922	rVV2	109433	155080	4.20%	0.395%
58	13.198	1922	1923	1927	rVB2	49769	41097	1.11%	0.105%
59	13.262	1932	1934	1937	rBV	40153	41133	1.12%	0.105%
60	13.339	1944	1947	1950	rBV2	23493	39131	1.06%	0.100%
61	13.368	1950	1952	1954	rVV	61230	59525	1.61%	0.152%
62	13.398	1954	1957	1959	rVB2	49595	51405	1.39%	0.131%
63	13.492	1967	1973	1978	rBV3	198753	344308	9.33%	0.877%
64	13.621	1989	1995	1998	rBV2	850417	1052506	28.53%	2.680%
65	13.645	1998	1999	2003	rVB	229546	143021	3.88%	0.364%
66	13.815	2025	2028	2032	rBV2	119906	127854	3.47%	0.326%
67	13.939	2046	2049	2051	rVB3	46370	43668	1.18%	0.111%
68	14.009	2058	2061	2064	rVB	64503	66006	1.79%	0.168%
69	14.039	2064	2066	2068	rBV2	37228	37778	1.02%	0.096%
70	14.121	2077	2080	2084	rBV	303237	323707	8.78%	0.824%
71	14.386	2122	2125	2127	rBV	94411	97219	2.64%	0.248%

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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72	14.415	2127	2130	2133	rVB	125018	123034	3.34%	0.313%
73	14.480	2138	2141	2144	rVV3	51520	60449	1.64%	0.154%
74	14.539	2148	2151	2154	rVB3	79253	90454	2.45%	0.230%
75	14.609	2159	2163	2171	rVV	225146	384265	10.42%	0.978%
76	14.704	2176	2179	2188	rVB	419445	492956	13.36%	1.255%
77	14.862	2203	2206	2211	rVB	118580	135838	3.68%	0.346%
78	14.915	2212	2215	2220	rVV	172016	201583	5.47%	0.513%
79	14.968	2220	2224	2228	rVV	498628	610611	16.55%	1.555%
80	15.021	2231	2233	2242	rVB2	89005	122173	3.31%	0.311%
81	15.186	2258	2261	2267	rVB3	86892	106233	2.88%	0.270%
82	15.386	2290	2295	2298	rBV	168514	239415	6.49%	0.610%
83	15.798	2362	2365	2369	rVB	40860	47350	1.28%	0.121%
84	16.033	2400	2405	2409	rBV3	93854	164996	4.47%	0.420%
85	16.198	2428	2433	2440	rVB2	83947	157530	4.27%	0.401%
86	16.339	2453	2457	2461	rBV7	42130	75824	2.06%	0.193%
87	16.550	2490	2493	2499	rVB	57294	96725	2.62%	0.246%
88	16.668	2506	2513	2520	rBV6	97344	231206	6.27%	0.589%
89	17.027	2568	2574	2584	rBV4	76488	195535	5.30%	0.498%
90	17.345	2616	2628	2639	rBV7	103415	392513	10.64%	0.999%

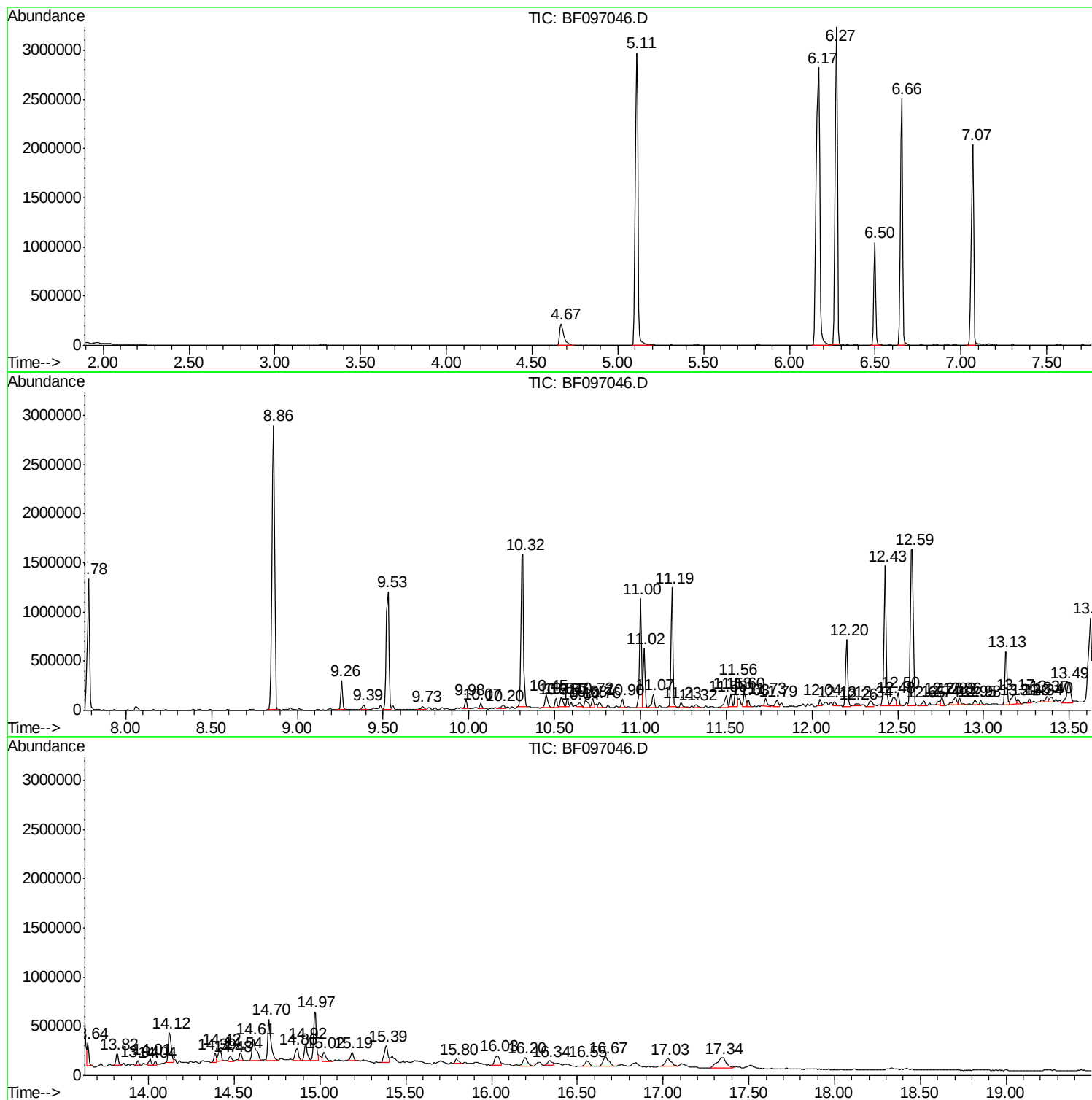
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ClientSampled :
S-1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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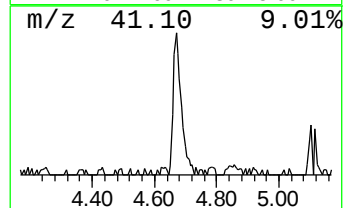
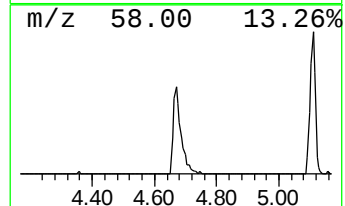
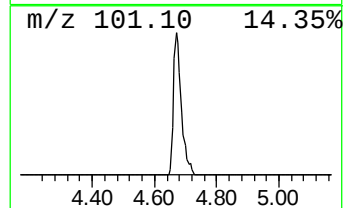
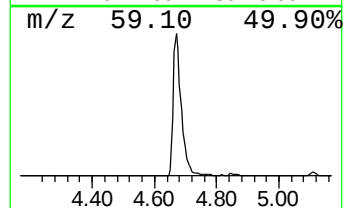
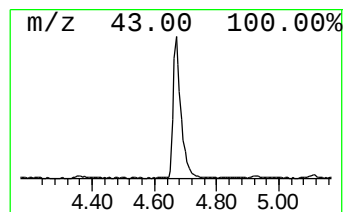
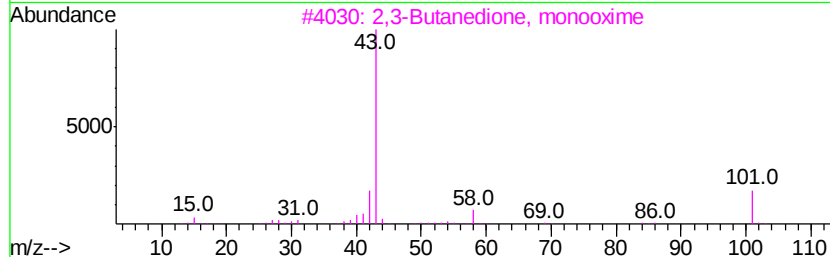
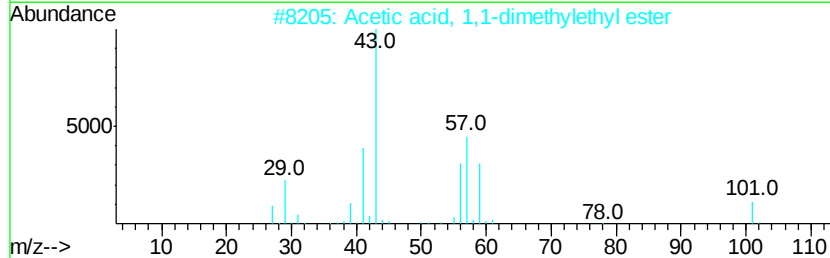
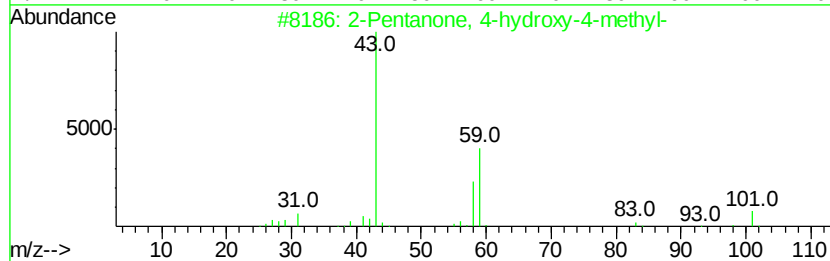
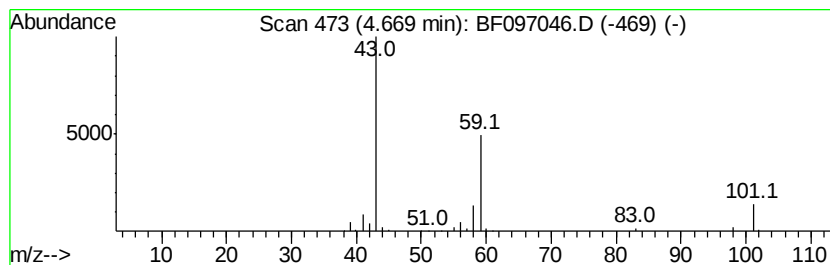
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	8.88 ng	385376	1,4-Dichlorobenzene-d4	6.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50	
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28	
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9	
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9	
5	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	7	



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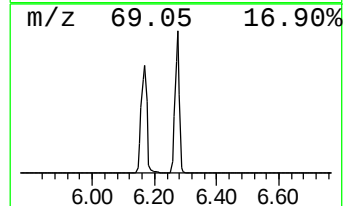
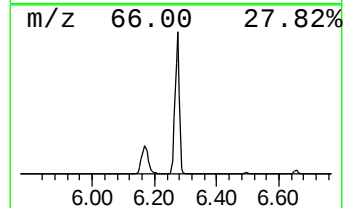
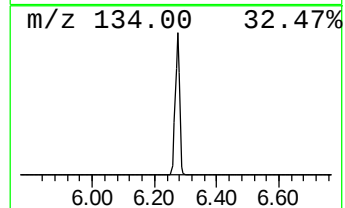
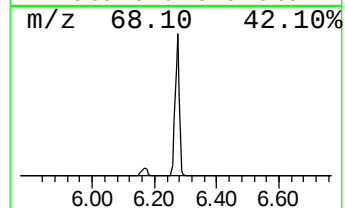
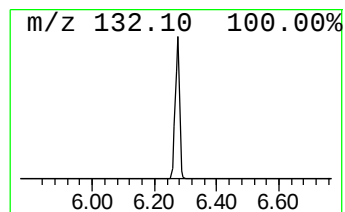
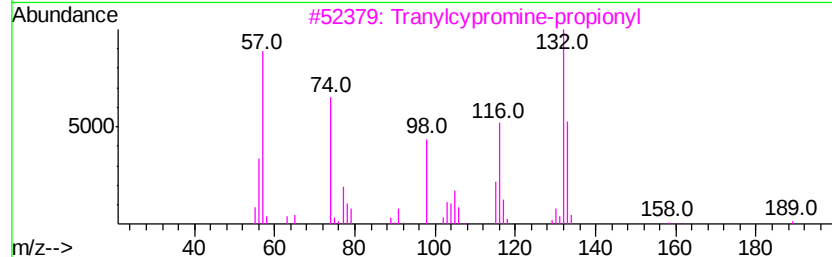
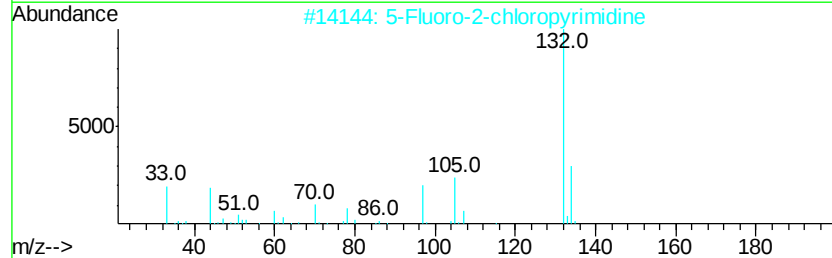
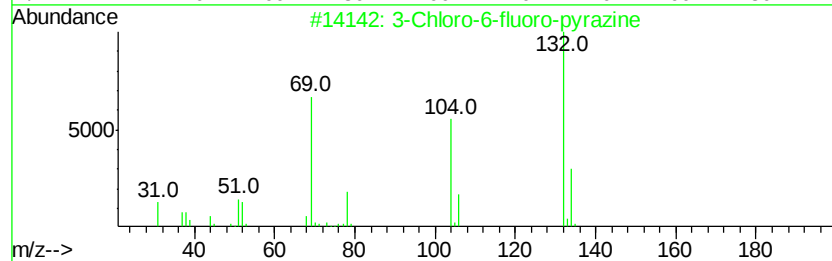
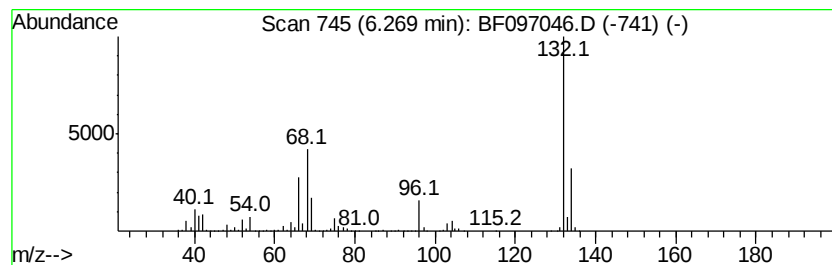
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.27 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	76.01 ng	3299970	1,4-Dichlorobenzene-d4	6.50

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		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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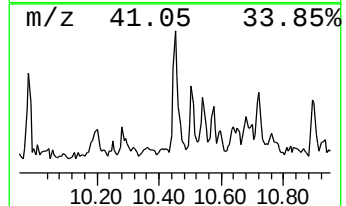
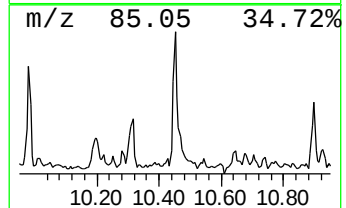
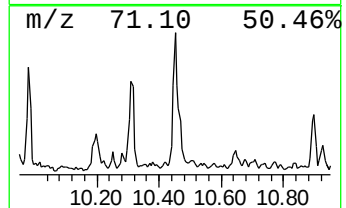
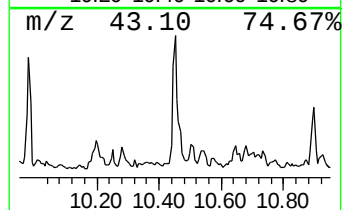
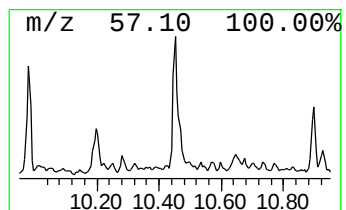
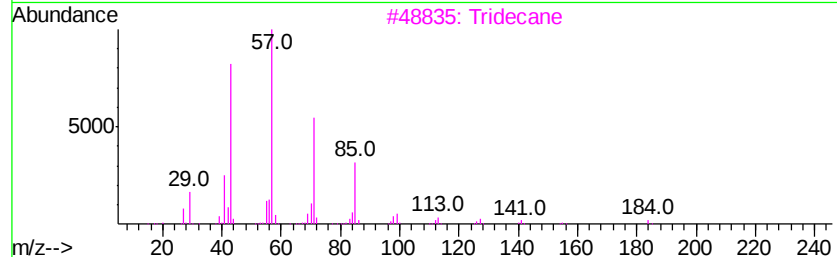
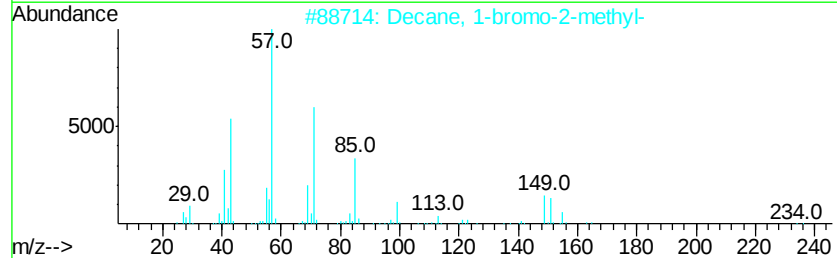
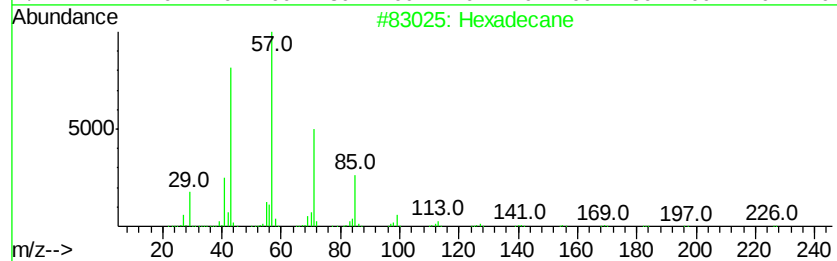
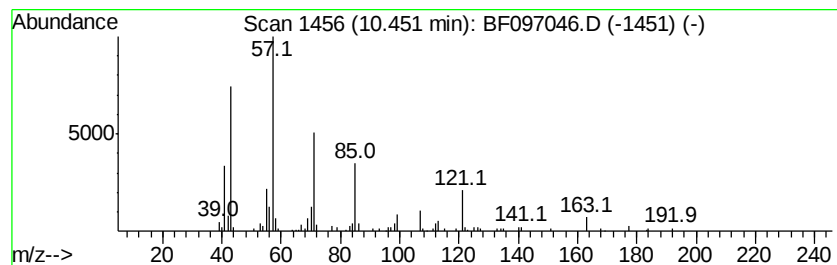
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.45	3.57 ng	167197	Phenanthrene-d10	11.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	68
2	Decane, 1-bromo-2-methyl-	234	C11H23Br	127839-47-8	59
3	Tridecane	184	C13H28	000629-50-5	59
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	59
5	Pentadecane	212	C15H32	000629-62-9	58



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S-1

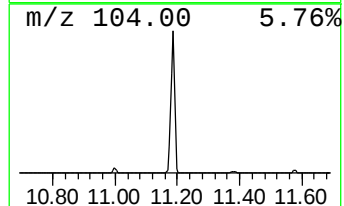
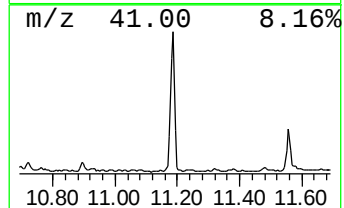
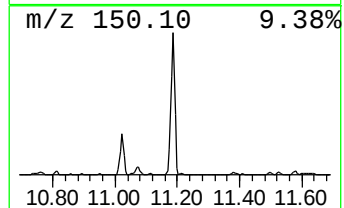
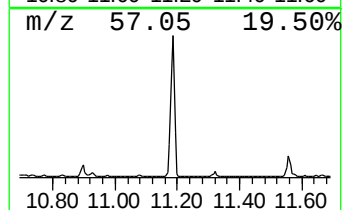
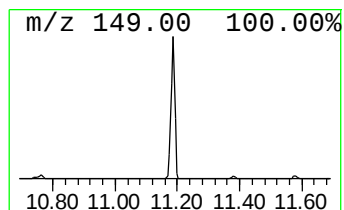
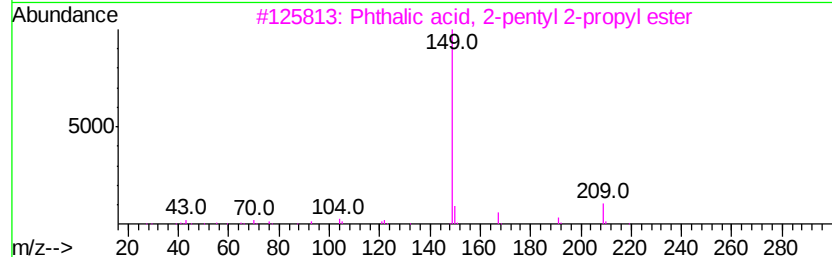
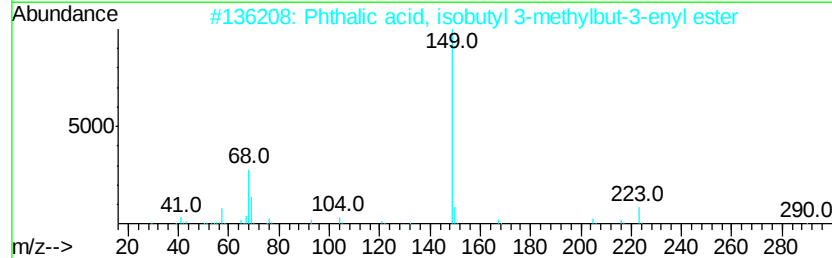
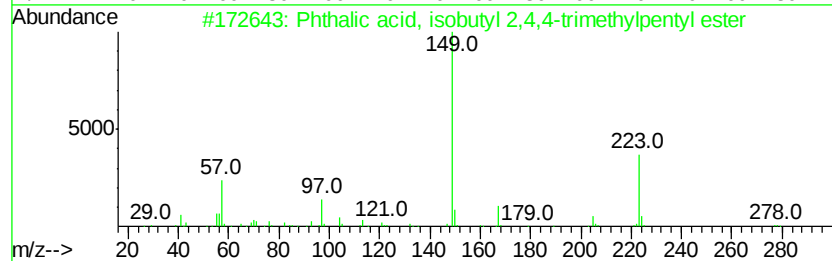
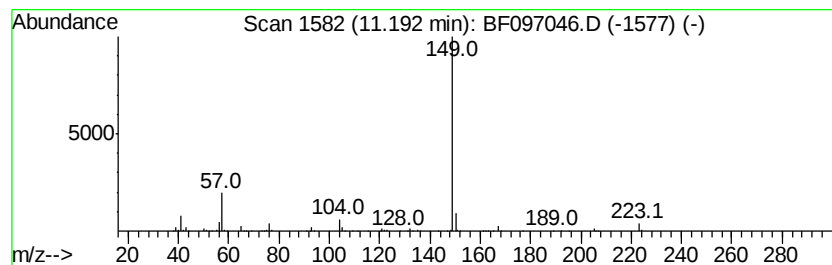
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phthalic acid, isobutyl 2,4... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	21.18 ng	991972	Phenanthrene-d10	11.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, isobutyl 2,4,4-tr...	334	C20H30O4	1000377-76-9	78
2		Phthalic acid, isobutyl 3-methyl...	290	C17H22O4	1000357-10-1	78
3		Phthalic acid, 2-pentyl 2-propyl...	278	C16H22O4	1000315-56-2	78
4		Phthalic acid, 8-chlorooctyl iso...	368	C20H29ClO4	1000356-85-8	78
5		Phthalic acid, hex-2-yn-4-yl iso...	302	C18H22O4	1000315-19-9	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072517\
Data File : BF097046.D
Acq On : 25 Jul 2017 23:12
Operator : SJ/JU
Sample : I4290-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1

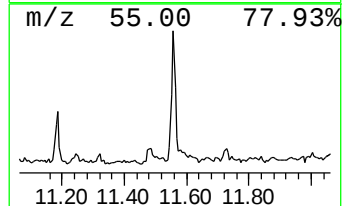
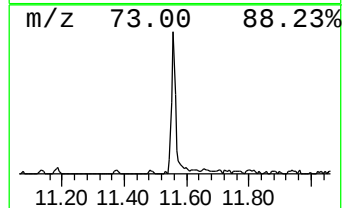
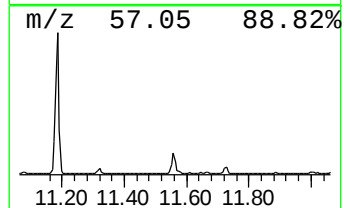
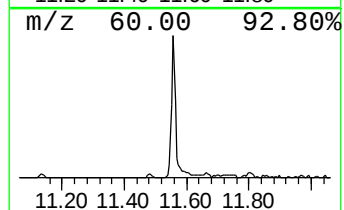
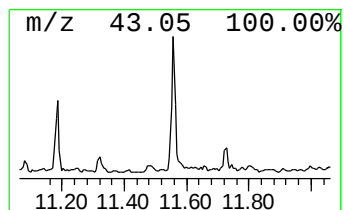
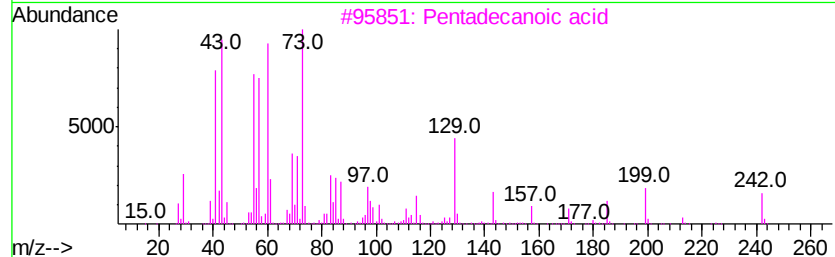
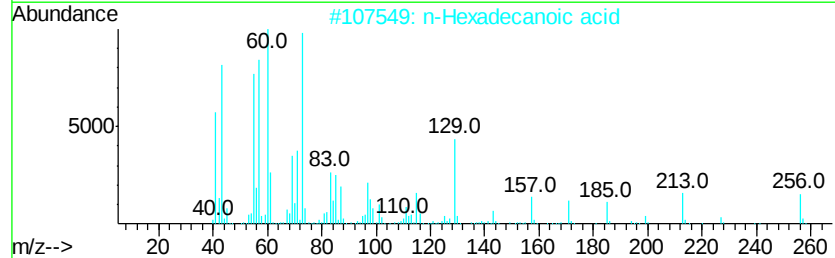
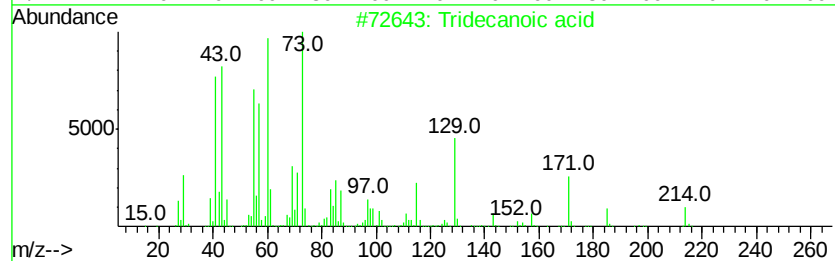
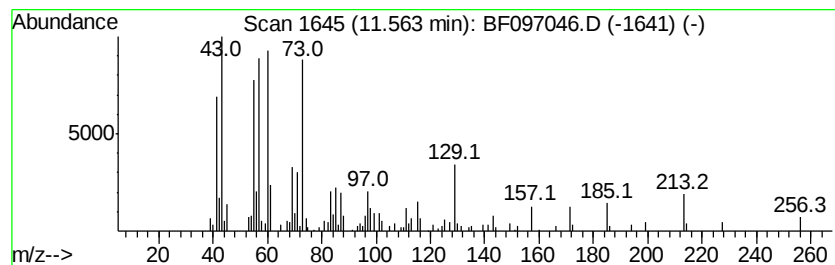
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	5.08 ng	237947	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072517\
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Acq On : 25 Jul 2017 23:12
Operator : SJ/JU
Sample : I4290-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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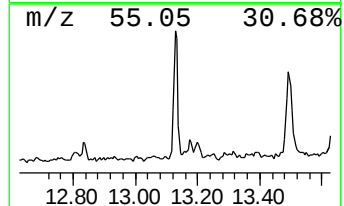
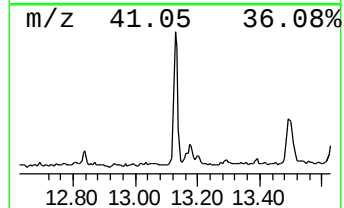
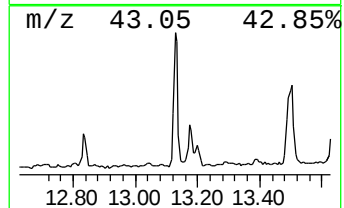
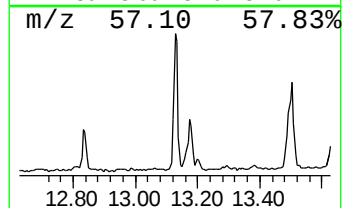
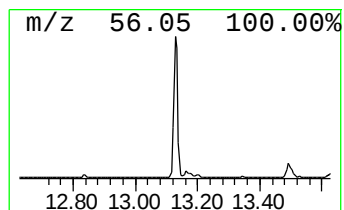
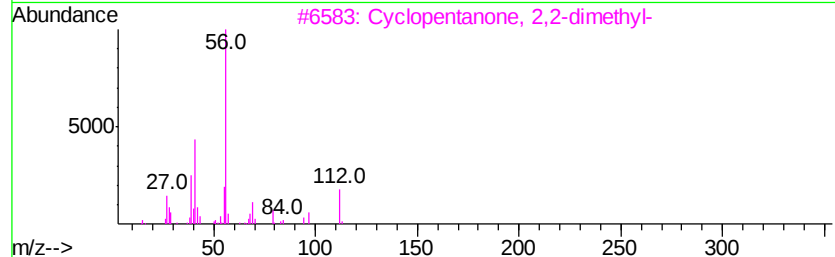
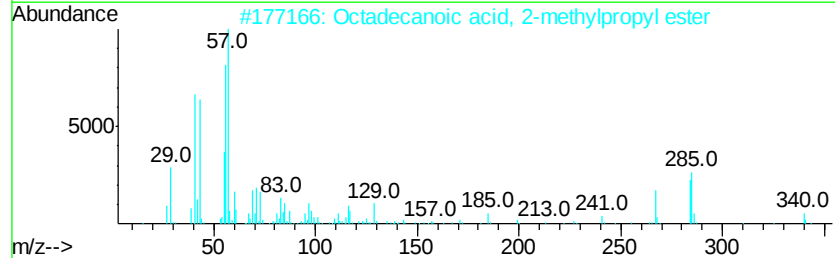
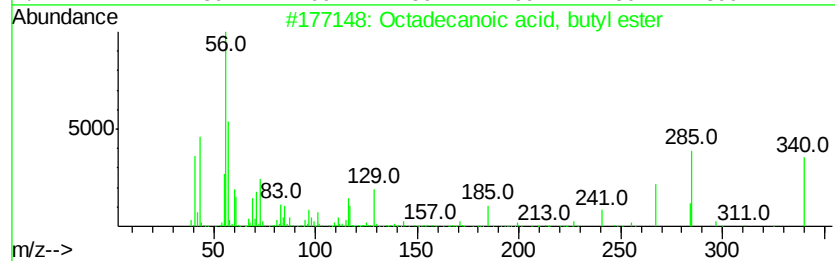
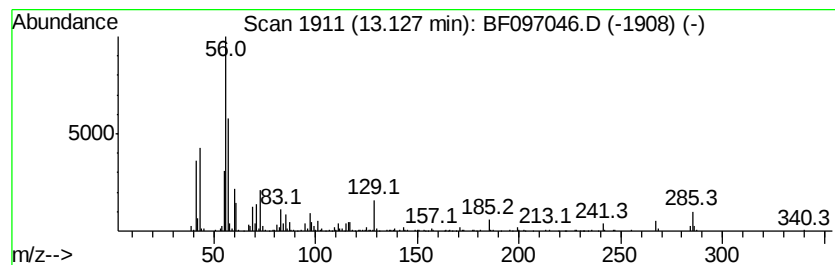
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	10.18 ng	535957	Chrysene-d12	13.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	95
2		Octadecanoic acid, 2-methylpropyl ester	340	C22H44O2	000646-13-9	72
3		Cyclopentanone, 2,2-dimethyl-	112	C7H12O	004541-32-6	38
4		Oxirane, 2,3-bis(1-methylethyl)-	128	C8H16O	054644-32-5	38
5		1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	35



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Data File : BF097046.D
Acq On : 25 Jul 2017 23:12
Operator : SJ/JU
Sample : I4290-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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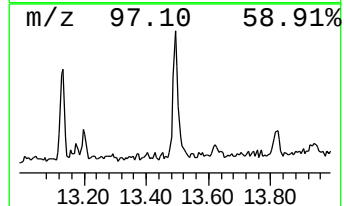
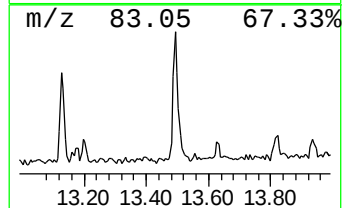
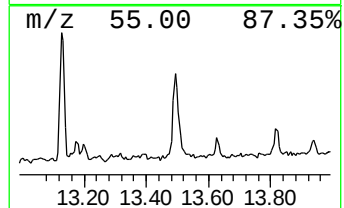
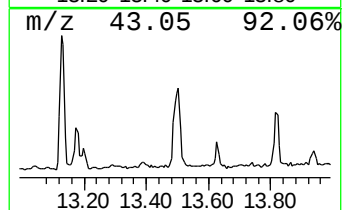
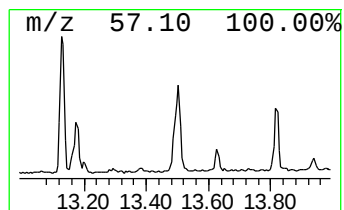
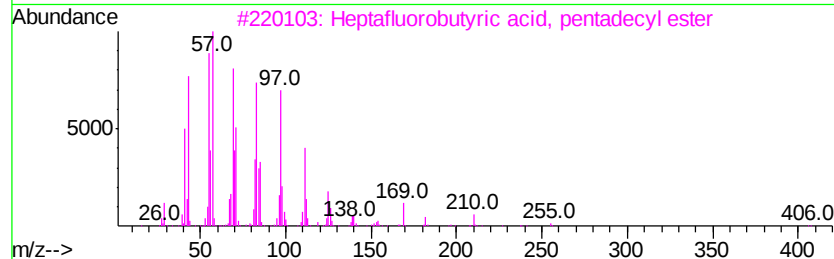
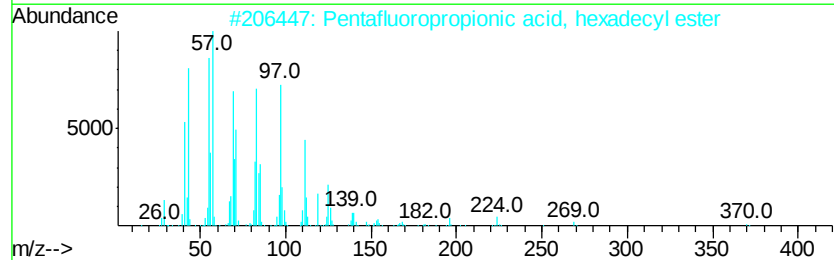
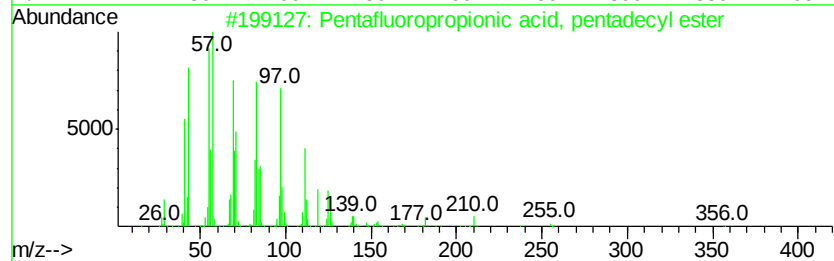
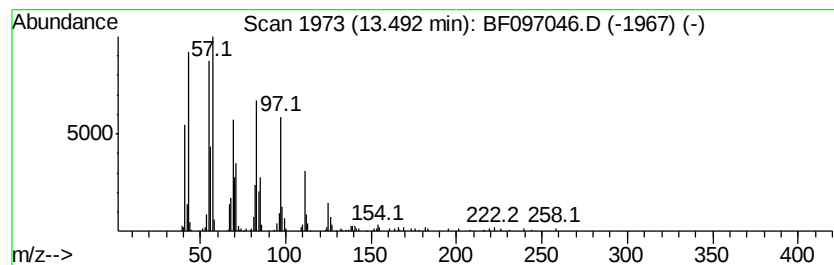
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentafluoropropionic acid, ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	6.54 ng	344308	Chrysene-d12	13.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
2		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	90
3		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
4		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	87
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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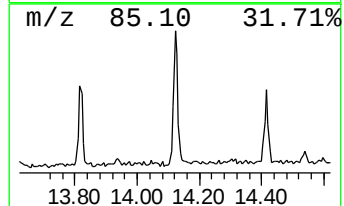
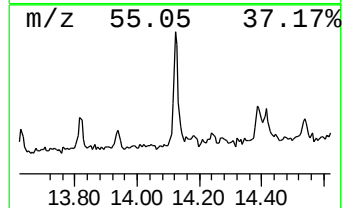
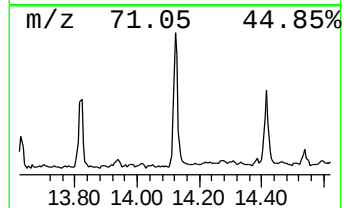
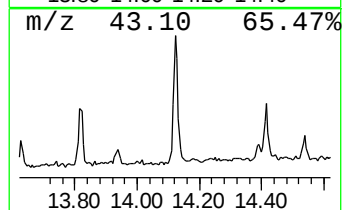
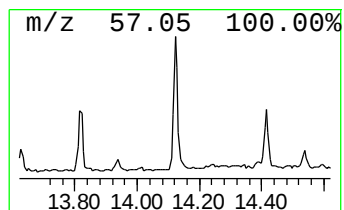
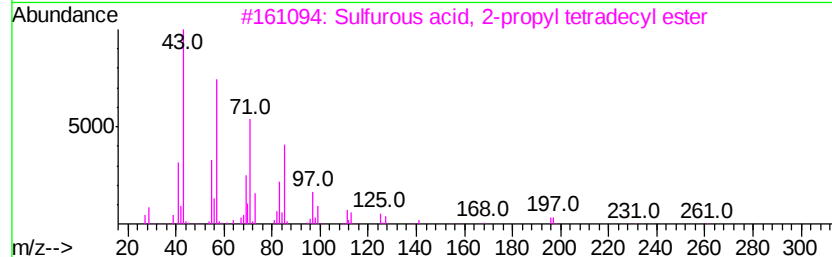
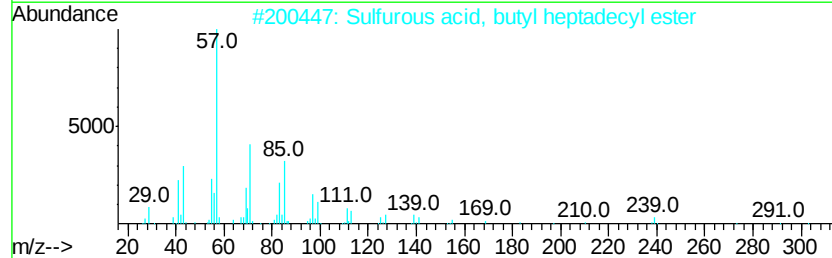
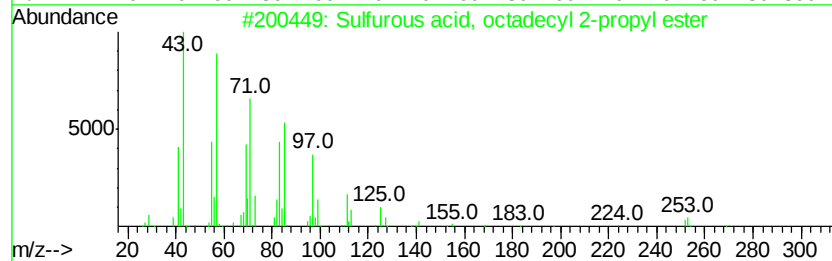
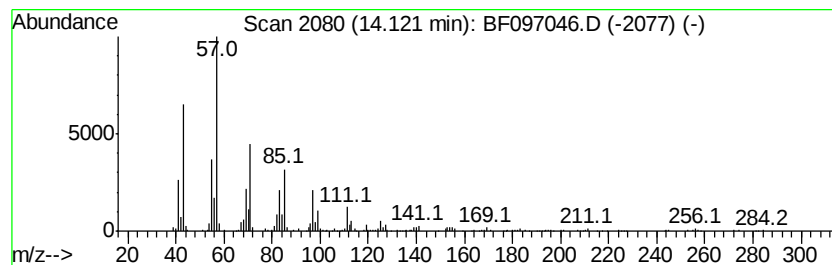
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Sulfurous acid, octadecyl 2... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	6.15 ng	323707	Chrysene-d12	13.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
2		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	86
3		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	72
4		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	58
5		Tetradecane	198	C14H30	000629-59-4	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072517\
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Acq On : 25 Jul 2017 23:12
Operator : SJ/JU
Sample : I4290-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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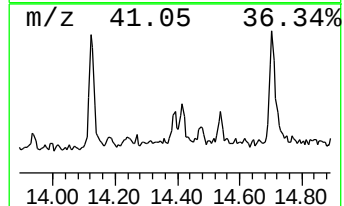
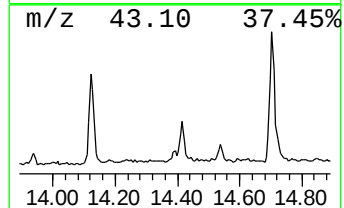
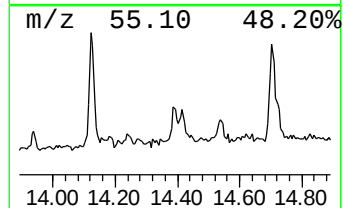
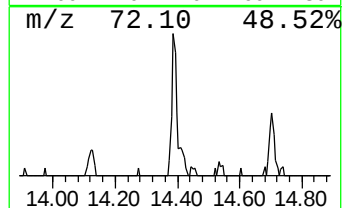
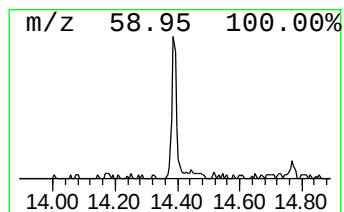
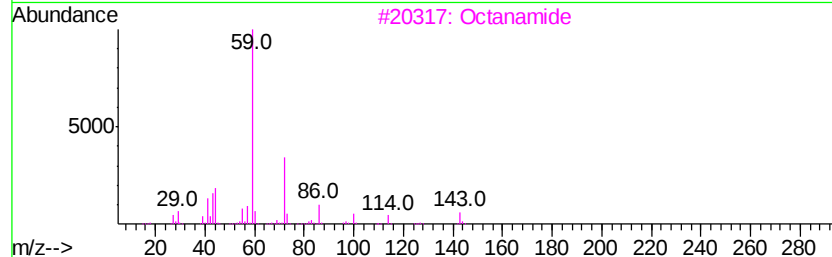
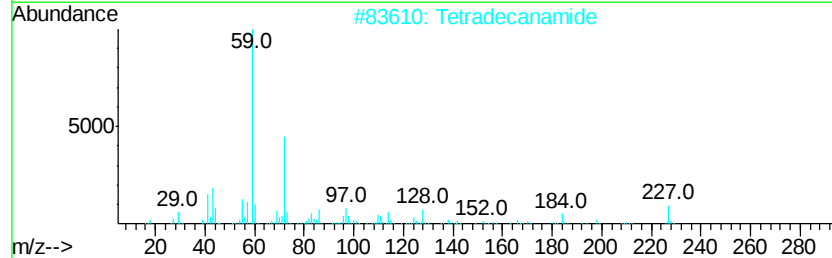
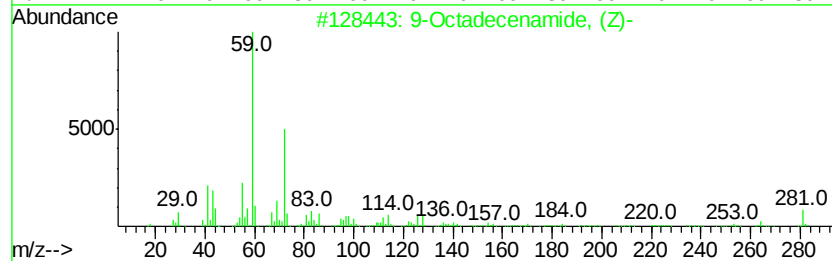
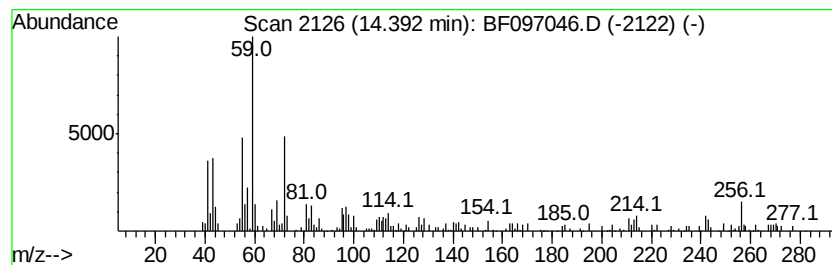
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 9-Octadecenamide, (Z)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	3.18 ng	97219	Perylene-d12	14.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2			Tetradecanamide	227	C14H29NO	000638-58-4	64
3			Octanamide	143	C8H17NO	000629-01-6	59
4			Hexadecanamide	255	C16H33NO	000629-54-9	58
5			Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072517\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

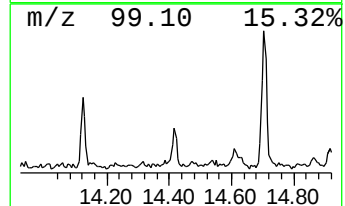
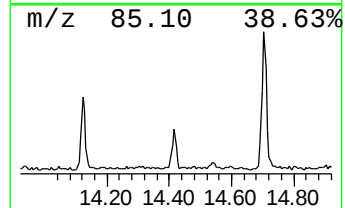
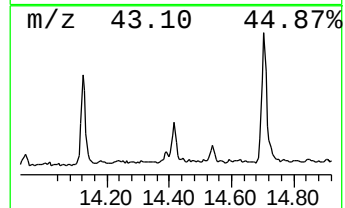
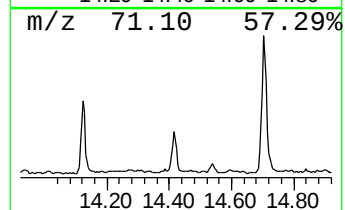
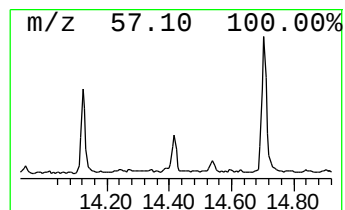
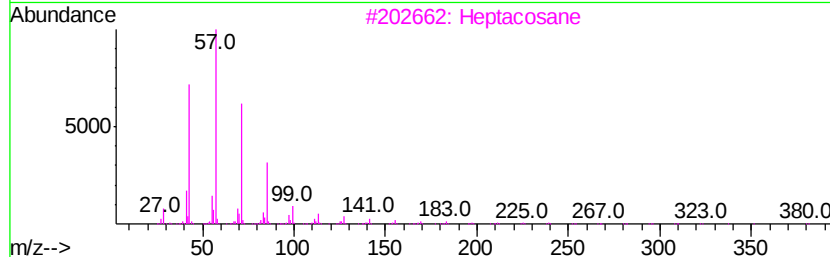
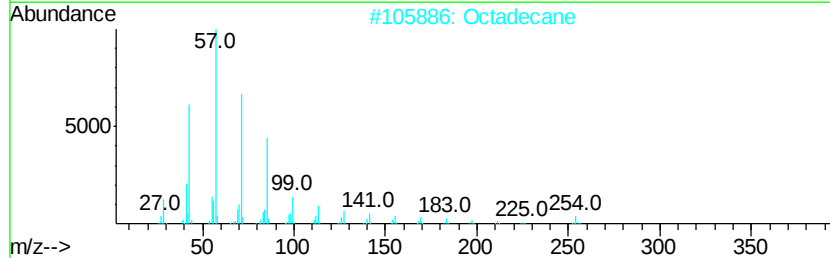
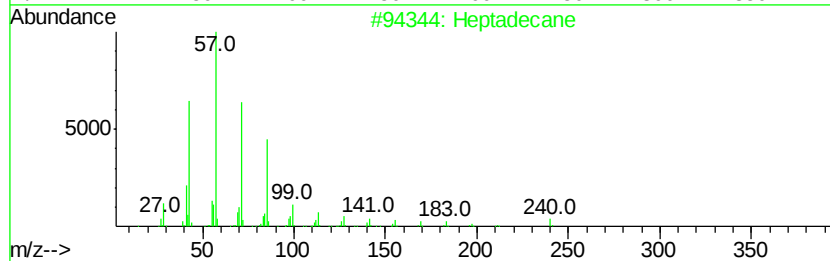
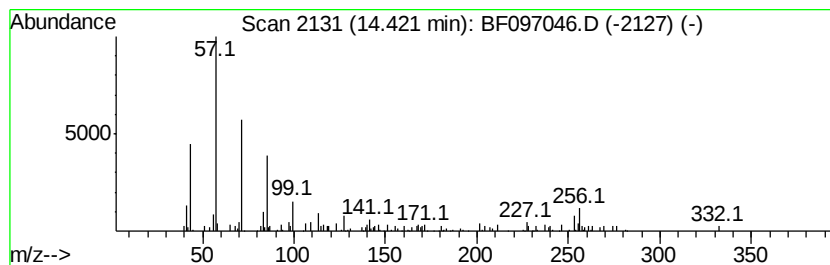
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.42	4.03 ng	123034	Perylene-d12	14.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	83
2	Octadecane	254	C18H38	000593-45-3	83
3	Heptacosane	380	C27H56	000593-49-7	83
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
5	Eicosane	282	C20H42	000112-95-8	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
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Operator : SJ/JU
Sample : I4290-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

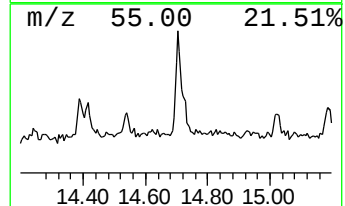
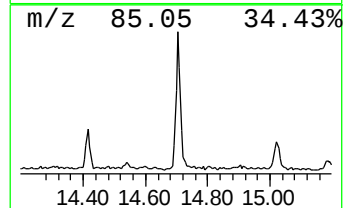
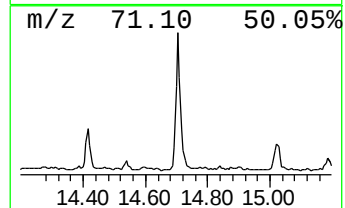
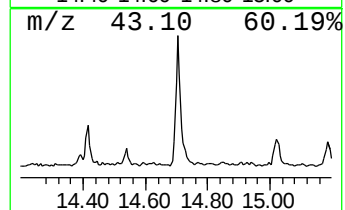
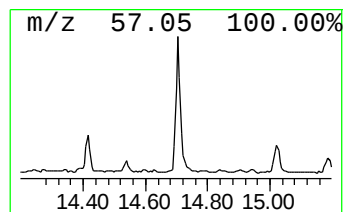
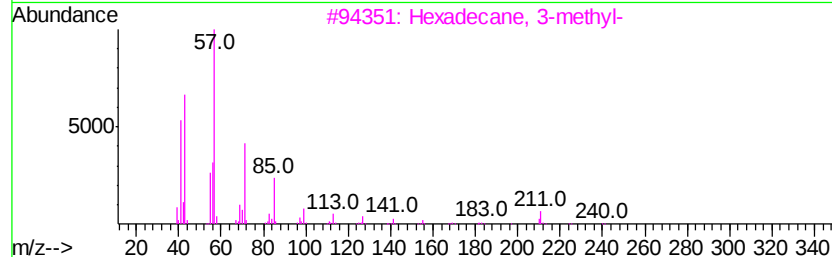
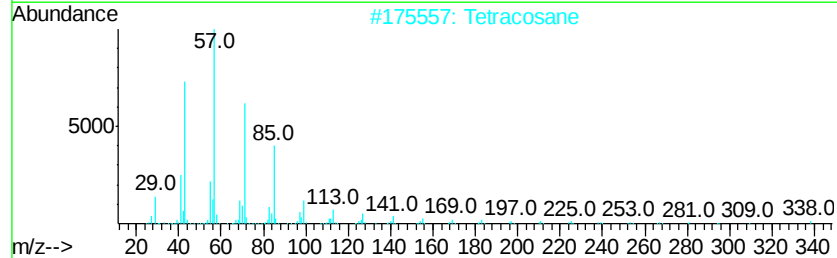
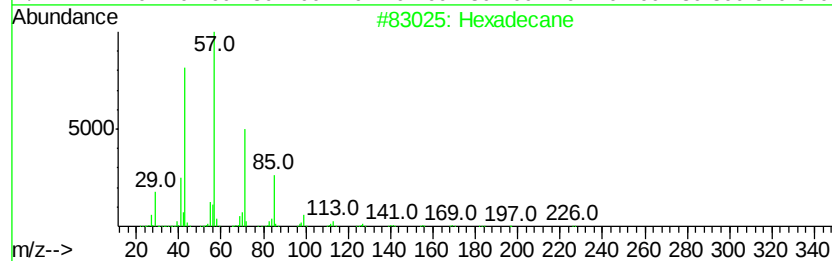
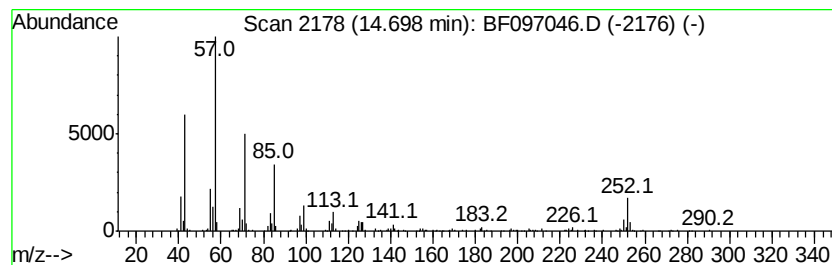
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.70	16.15 ng	492956	Perylene-d12	14.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tetracosane	338	C24H50	000646-31-1	81
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	74
4	Hexatriacontane	507	C36H74	000630-06-8	74
5	Hentriacontane	437	C31H64	000630-04-6	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097046.D
Acq On : 25 Jul 2017 23:12
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ClientSampleId :
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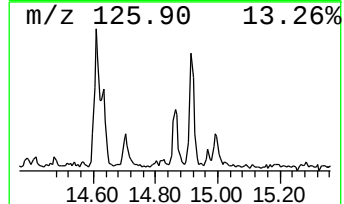
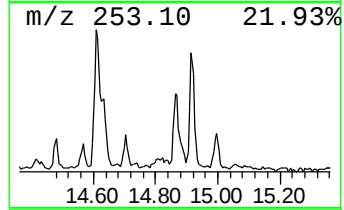
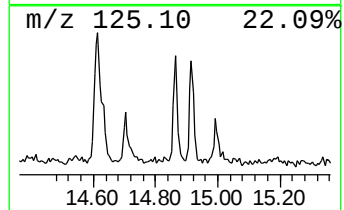
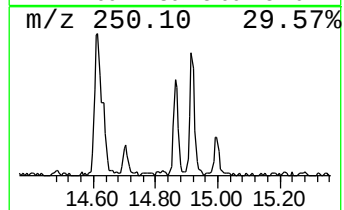
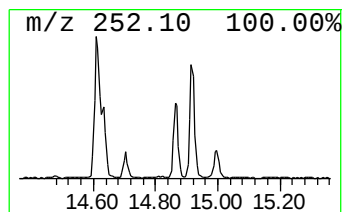
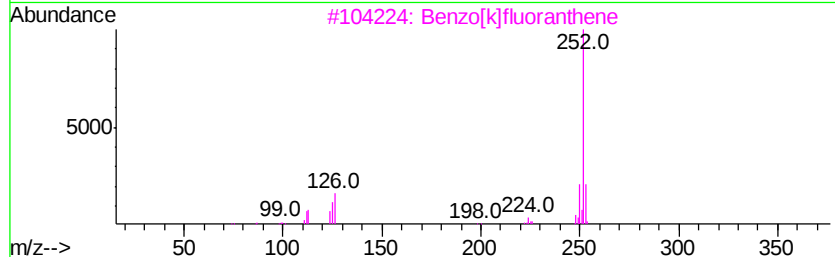
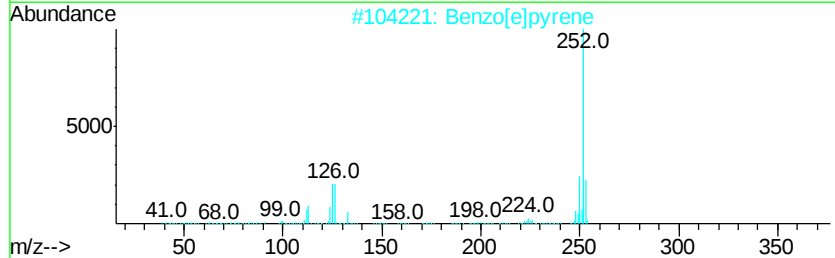
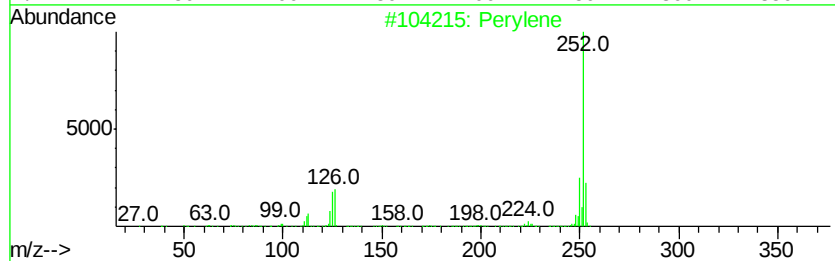
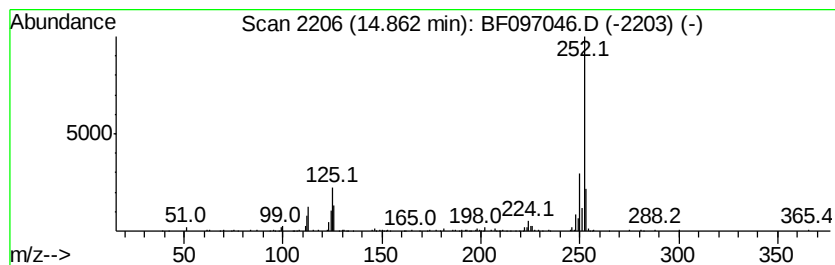
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Perylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	4.45 ng	135838	Perylene-d12	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	93
2		Benzo[e]pyrene	252	C20H12	000192-97-2	93
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	93
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072517\
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Acq On : 25 Jul 2017 23:12
Operator : SJ/JU
Sample : I4290-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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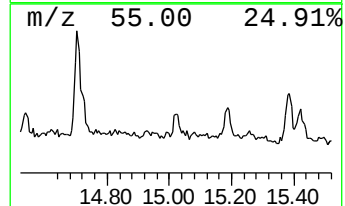
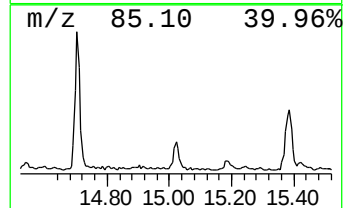
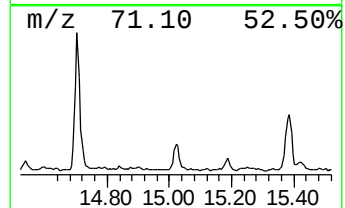
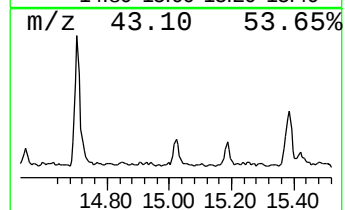
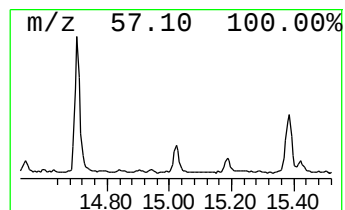
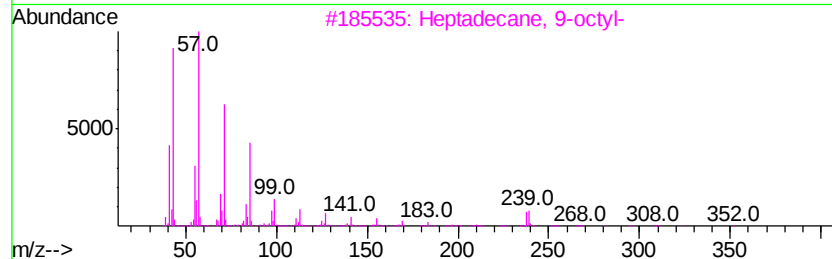
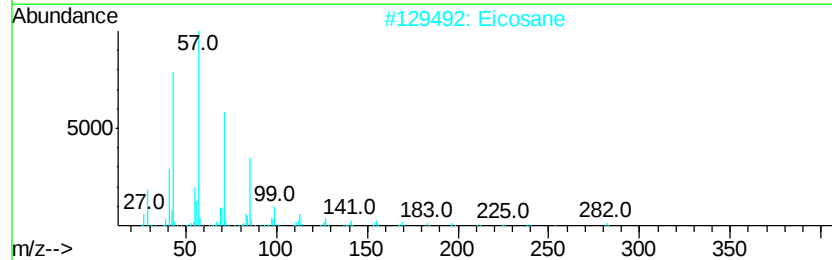
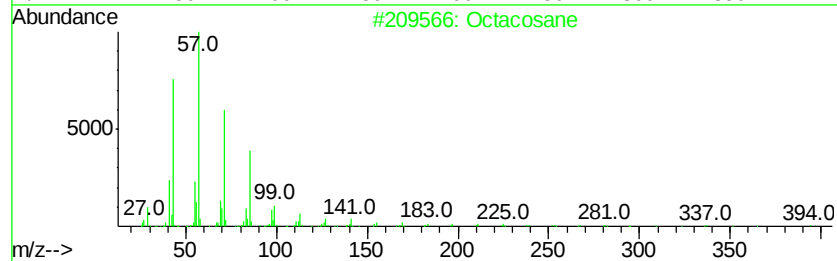
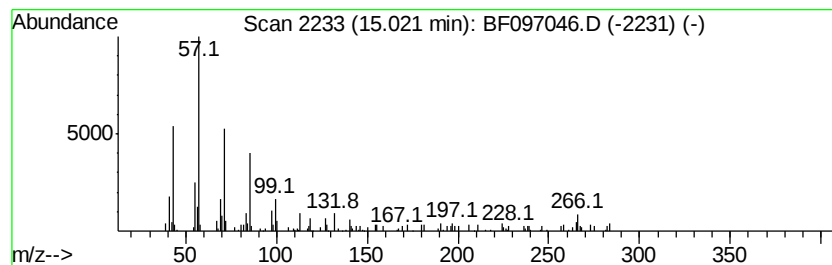
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	4.00 ng	122173	Perylene-d12	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	83
2		Eicosane	282	C20H42	000112-95-8	81
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	74
5		triacontane	422	C30H62	000638-68-6	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
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Operator : SJ/JU
Sample : I4290-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

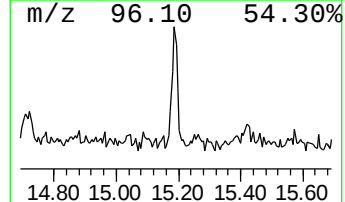
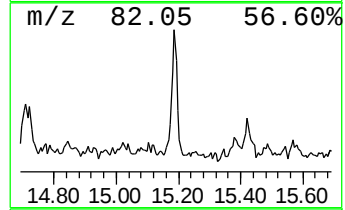
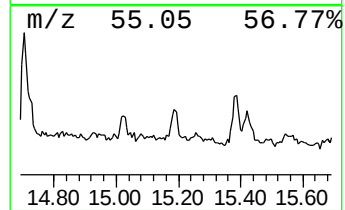
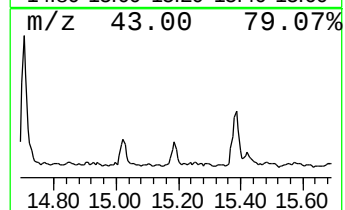
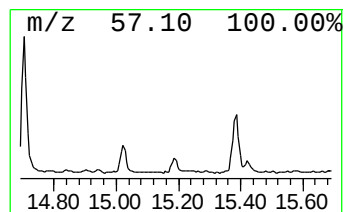
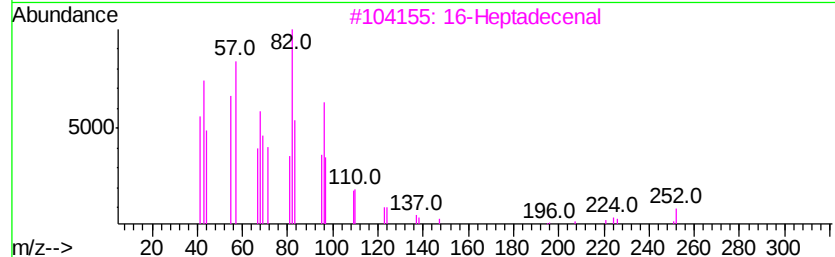
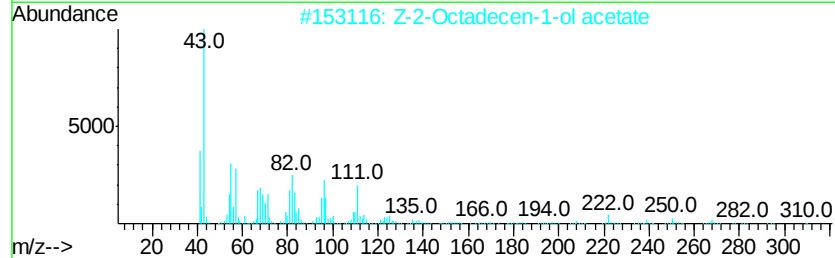
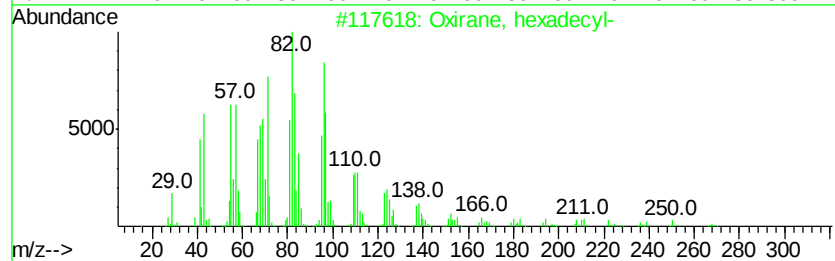
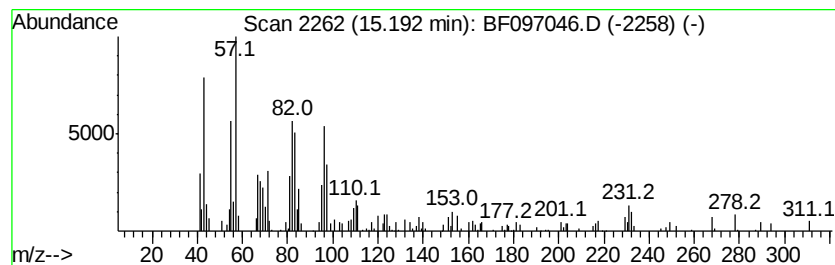
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Oxirane, hexadecyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.19	3.48 ng	106233	Perylene-d12		14.97	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	72
2		Z-2-Octadecen-1-ol acetate	310	C20H38O2	1000131-08-0	59
3		16-Heptadecenal	252	C17H32O	1000144-57-9	59
4		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	53
5		17-Pentatriacontene	491	C35H70	006971-40-0	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072517\
Data File : BF097046.D
Acq On : 25 Jul 2017 23:12
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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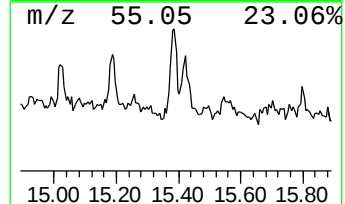
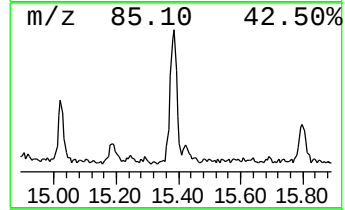
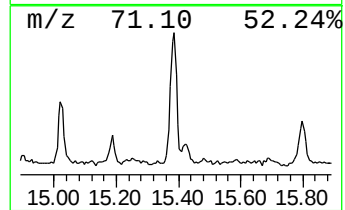
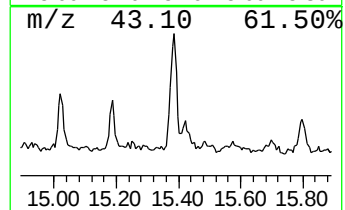
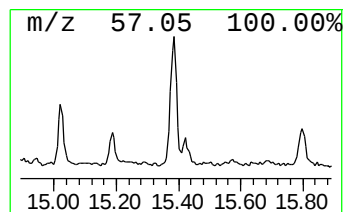
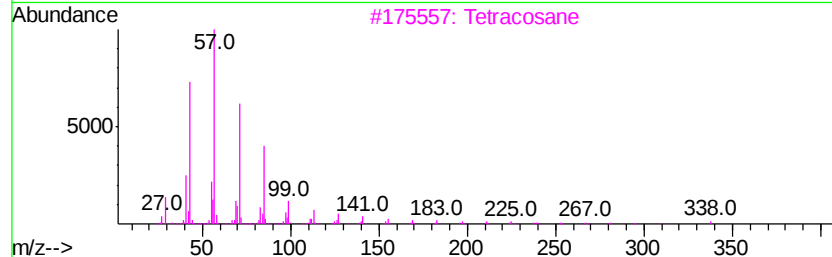
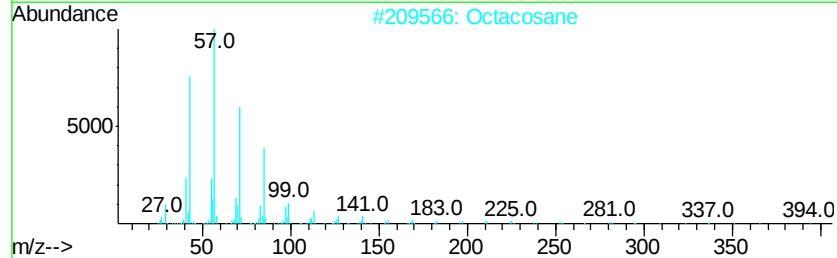
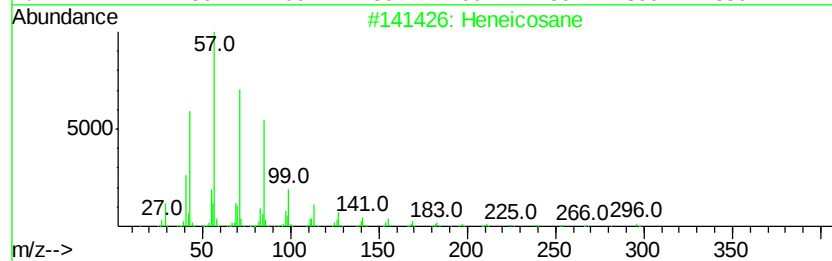
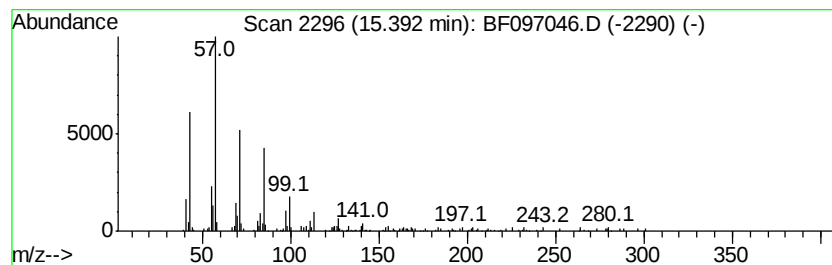
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	7.84 ng	239415	Perylene-d12	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Octacosane	394	C28H58	000630-02-4	90
3		Tetracosane	338	C24H50	000646-31-1	87
4		Docosane	310	C22H46	000629-97-0	83
5		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072517\
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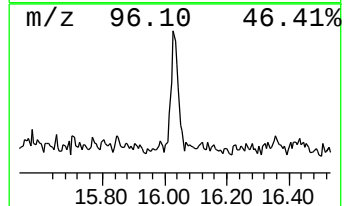
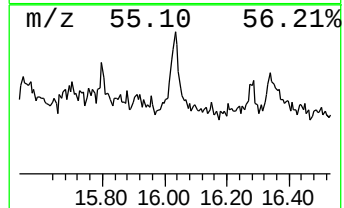
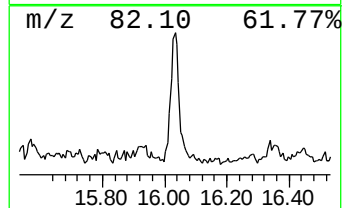
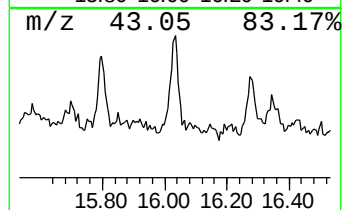
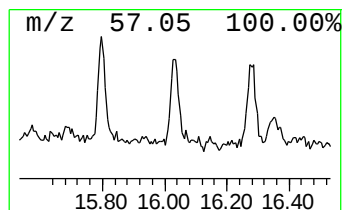
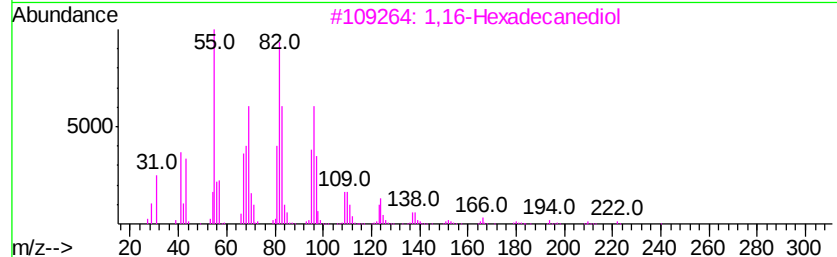
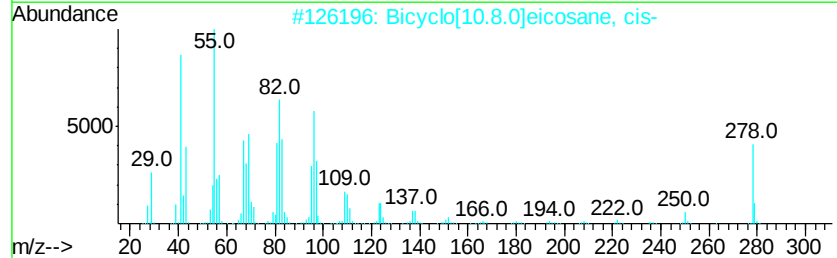
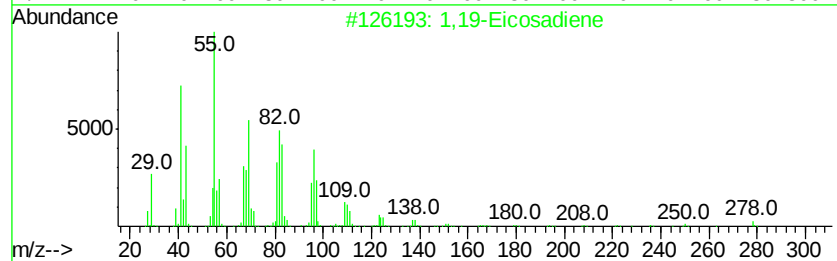
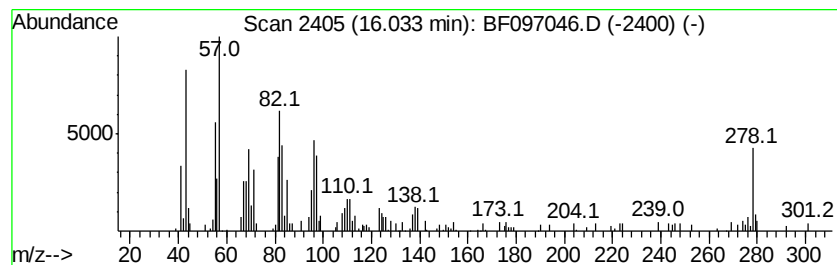
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,19-Eicosadiene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.03	5.40 ng	164996	Perylene-d12	14.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	76
2	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	58
3	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	53
4	16-Heptadecenal	252	C17H32O	1000144-57-9	47
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
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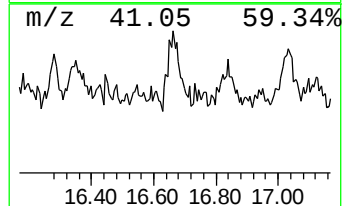
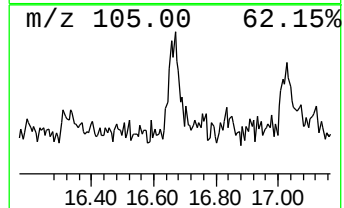
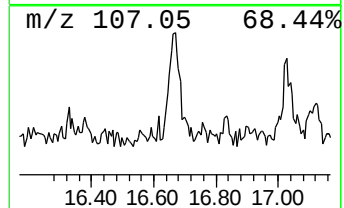
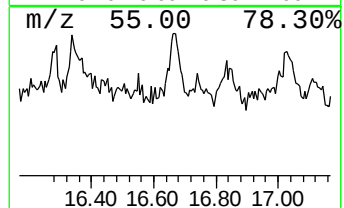
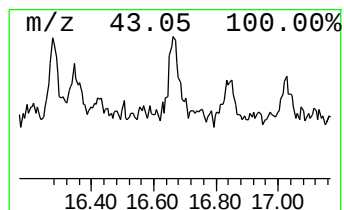
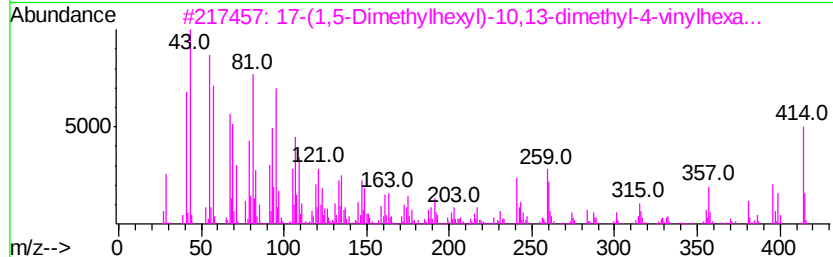
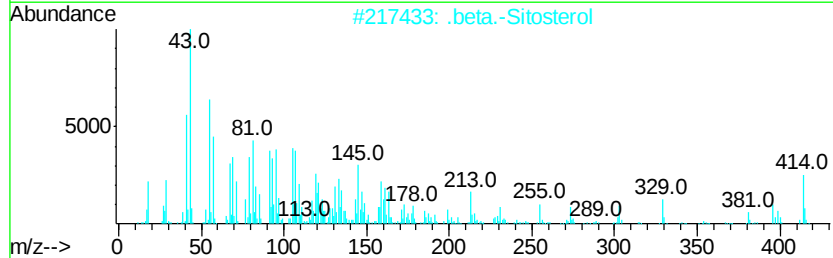
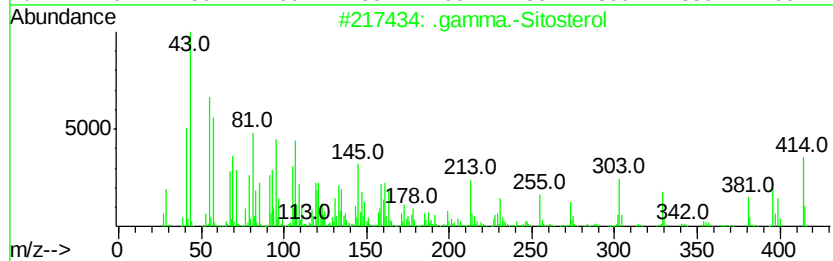
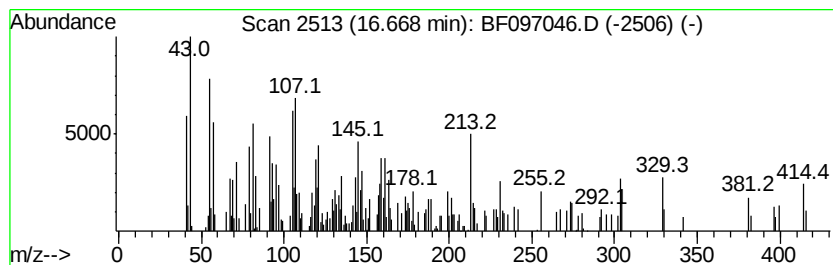
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 .gamma.-Sitosterol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.67	7.57 ng	231206	Perylene-d12	14.97		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.gamma.-Sitosterol	414	C29H50O	000083-47-6	83
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	64
3		17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	38
4		Ethinyl Estradiol	296	C20H24O2	000057-63-6	25
5		22,26-Oxido-4,17-cholestadien-3....	414	C27H42O3	1000252-80-4	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072517\
Data File : BF097046.D
Acq On : 25 Jul 2017 23:12
Operator : SJ/JU
Sample : I4290-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1

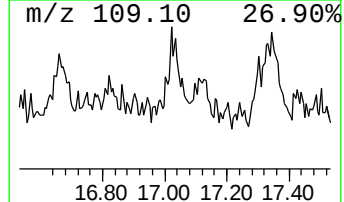
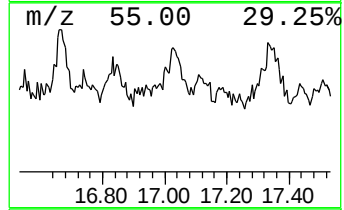
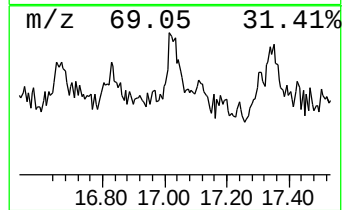
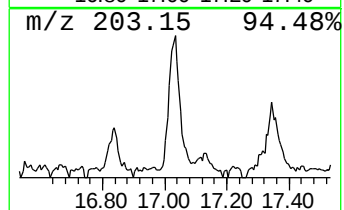
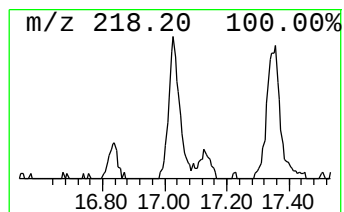
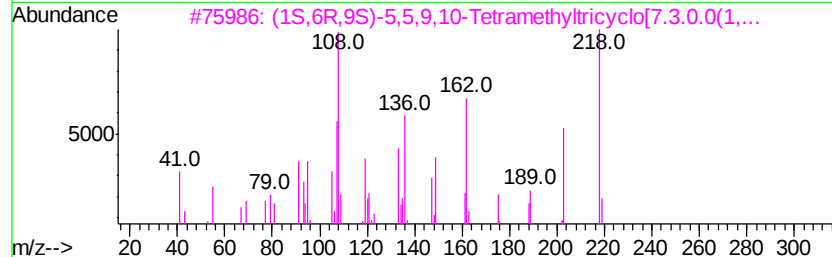
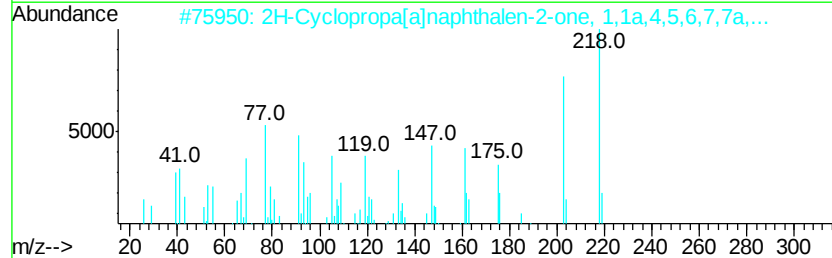
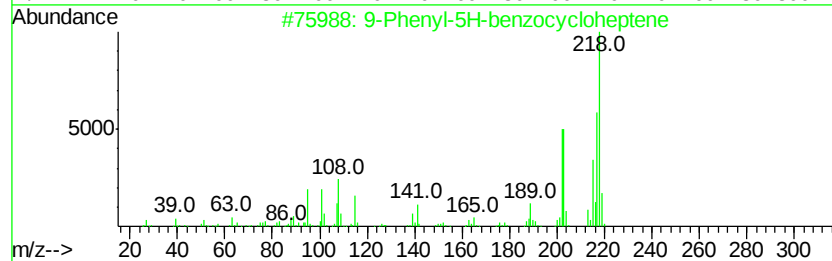
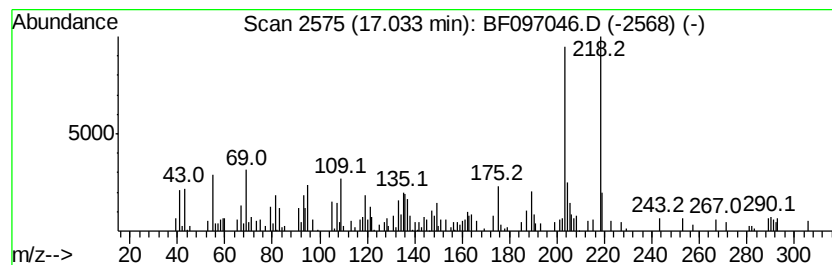
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9-Phenyl-5H-benzocycloheptene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.03	6.40 ng	195535	Perylene-d12	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Phenyl-5H-benzocycloheptene	218	C17H14	138089-71-1	80
2		2H-Cyclopropa[<i>a</i>]naphthalen-2-one...	218	C15H22O	006831-17-0	58
3		(1 <i>S</i> ,6 <i>R</i> ,9 <i>S</i>)-5,5,9,10-Tetramethylt...	218	C16H26	1000298-97-8	53
4		Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	49
5		4-(<i>p</i> -N,N-dimethylaminophenylimin...	218	C13H18N2O	1000100-07-8	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072517\
 Data File : BF097046.D
 Acq On : 25 Jul 2017 23:12
 Operator : SJ/JU
 Sample : I4290-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.67	8.9	ng	385376	1	6.50	868307	20.0
unknown6.27	6.27	76.0	ng	3299970	1	6.50	868307	20.0
Hexadecane	10.45	3.6	ng	167197	4	11.00	936752	20.0
Phthalic acid, is...	11.19	21.2	ng	991972	4	11.00	936752	20.0
Tridecanoic acid	11.56	5.1	ng	237947	4	11.00	936752	20.0
Octadecanoic acid...	13.13	10.2	ng	535957	5	13.62	1052510	20.0
Pentafluoropropio...	13.49	6.5	ng	344308	5	13.62	1052510	20.0
Sulfurous acid, o...	14.12	6.2	ng	323707	5	13.62	1052510	20.0
9-Octadecenamide, ...	14.39	3.2	ng	97219	6	14.97	610611	20.0
Heptadecane	14.42	4.0	ng	123034	6	14.97	610611	20.0
Tetracosane	14.70	16.1	ng	492956	6	14.97	610611	20.0
Perylene	14.86	4.5	ng	135838	6	14.97	610611	20.0
Octacosane	15.02	4.0	ng	122173	6	14.97	610611	20.0
Oxirane, hexadecyl-	15.19	3.5	ng	106233	6	14.97	610611	20.0
Heneicosane	15.39	7.8	ng	239415	6	14.97	610611	20.0
1,19-Eicosadiene	16.03	5.4	ng	164996	6	14.97	610611	20.0
.gamma.-Sitosterol	16.67	7.6	ng	231206	6	14.97	610611	20.0
9-Phenyl-5H-benzo...	17.03	6.4	ng	195535	6	14.97	610611	20.0
unknown17.34	17.34	12.9	ng	392513	6	14.97	610611	20.0