

Data Path : Z:\HPCHEM1\BNA_F\Data\BF071217\
 Data File : BF096704.D
 Acq On : 12 Jul 2017 21:03
 Operator : SJ/JU
 Sample : I4140-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-09

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-BF070117.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	4.851	464	470	478	rBV	1081348	1280261	47.38%	4.711%
2	5.275	538	542	546	rBV	1608522	1617681	59.87%	5.952%
3	6.310	712	718	727	rBV	2581733	2701857	100.00%	9.942%
4	6.433	735	739	743	rBV	2254657	2253315	83.40%	8.291%
5	6.663	775	778	782	rBV	764954	692917	25.65%	2.550%
6	6.822	801	805	809	rBV	2228998	2070740	76.64%	7.619%
7	7.227	869	874	877	rBV	1769362	1807933	66.91%	6.652%
8	7.945	992	996	1000	rBV	1012706	937665	34.70%	3.450%
9	8.557	1094	1100	1102	rBV	33400	31702	1.17%	0.117%
10	9.027	1175	1180	1183	rBV	2419804	2219713	82.16%	8.168%
11	9.121	1190	1196	1199	rBV	46141	53867	1.99%	0.198%
12	9.416	1243	1246	1249	rBV	360835	323658	11.98%	1.191%
13	9.645	1283	1285	1289	rVB	54381	47612	1.76%	0.175%
14	9.698	1289	1294	1298	rBV	983349	840192	31.10%	3.092%
15	10.145	1367	1370	1373	rBV	87859	66429	2.46%	0.244%
16	10.363	1403	1407	1410	rBV	30081	34348	1.27%	0.126%
17	10.480	1424	1427	1433	rVB	447304	380619	14.09%	1.401%
18	10.616	1447	1450	1457	rBV	104920	136573	5.05%	0.503%
19	11.063	1522	1526	1529	rBV2	67731	58617	2.17%	0.216%
20	11.174	1542	1545	1549	rBV	788213	683915	25.31%	2.517%
21	11.415	1582	1586	1589	rBV	34001	36594	1.35%	0.135%
22	11.486	1595	1598	1602	rVB	44301	38967	1.44%	0.143%
23	11.892	1662	1667	1670	rBV	32989	33283	1.23%	0.122%
24	12.280	1727	1733	1737	rVB2	74433	70963	2.63%	0.261%
25	12.651	1794	1796	1803	rVB	27596	33607	1.24%	0.124%
26	12.762	1810	1815	1818	rBV	1420286	1403714	51.95%	5.165%
27	12.980	1849	1852	1854	rBV	39033	36028	1.33%	0.133%
28	13.009	1854	1857	1860	rVB	74176	65943	2.44%	0.243%
29	13.127	1872	1877	1881	rBV3	55356	81445	3.01%	0.300%
30	13.333	1908	1912	1913	rBV2	22334	28967	1.07%	0.107%
31	13.462	1930	1934	1938	rVB	684182	580251	21.48%	2.135%
32	13.545	1944	1948	1951	rBV3	36136	49007	1.81%	0.180%
33	13.639	1960	1964	1966	rBV	83637	89764	3.32%	0.330%
34	13.662	1966	1968	1975	rVV	456662	552682	20.46%	2.034%

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35	13.721	1975	1978	1983	rVV	397614	364784	13.50%	1.342%
36	13.804	1987	1992	1999	rVB	625425	626988	23.21%	2.307%
37	13.956	2009	2018	2023	rBV2	183098	378096	13.99%	1.391%
38	14.009	2024	2027	2035	rVB5	64264	112949	4.18%	0.416%
39	14.109	2041	2044	2048	rBV2	195977	172937	6.40%	0.636%
40	14.315	2073	2079	2083	rBV3	461602	857605	31.74%	3.156%
41	14.351	2083	2085	2092	rVB	144000	131149	4.85%	0.483%
42	14.503	2107	2111	2116	rBV3	37394	54761	2.03%	0.201%
43	14.574	2117	2123	2126	rVV5	54957	101708	3.76%	0.374%
44	14.609	2126	2129	2135	rVV	87555	130070	4.81%	0.479%
45	14.668	2137	2139	2144	rVV2	39499	59328	2.20%	0.218%
46	14.721	2145	2148	2155	rVB	72577	78505	2.91%	0.289%
47	14.809	2159	2163	2167	rVV4	38275	48475	1.79%	0.178%
48	14.921	2175	2182	2189	rBV3	310429	643865	23.83%	2.369%
49	15.139	2215	2219	2223	rBV4	27406	40723	1.51%	0.150%
50	15.198	2224	2229	2235	rVV2	379044	462302	17.11%	1.701%
51	15.286	2240	2244	2252	rVB8	31219	49286	1.82%	0.181%
52	15.427	2264	2268	2274	rBV4	45830	62656	2.32%	0.231%
53	15.645	2300	2305	2308	rBV	120498	176824	6.54%	0.651%
54	15.686	2308	2312	2319	rVB	132207	233573	8.64%	0.859%
55	15.880	2343	2345	2350	rVB4	26000	30893	1.14%	0.114%
56	16.098	2377	2382	2388	rBV4	21464	46021	1.70%	0.169%
57	16.562	2458	2461	2466	rVB5	19844	34136	1.26%	0.126%
58	16.639	2470	2474	2479	rVB3	28030	50067	1.85%	0.184%
59	16.715	2483	2487	2494	rVB10	20697	46144	1.71%	0.170%
60	16.792	2497	2500	2505	rVV6	21096	34818	1.29%	0.128%
61	17.068	2540	2547	2553	rBV3	93814	228301	8.45%	0.840%
62	17.144	2556	2560	2562	rBV5	26243	42762	1.58%	0.157%
63	17.362	2590	2597	2604	rBV9	62587	153070	5.67%	0.563%
64	17.568	2625	2632	2642	rVB5	104817	243450	9.01%	0.896%
65	17.786	2664	2669	2672	rBV7	25568	45537	1.69%	0.168%
66	17.986	2698	2703	2713	rVB9	33717	94346	3.49%	0.347%

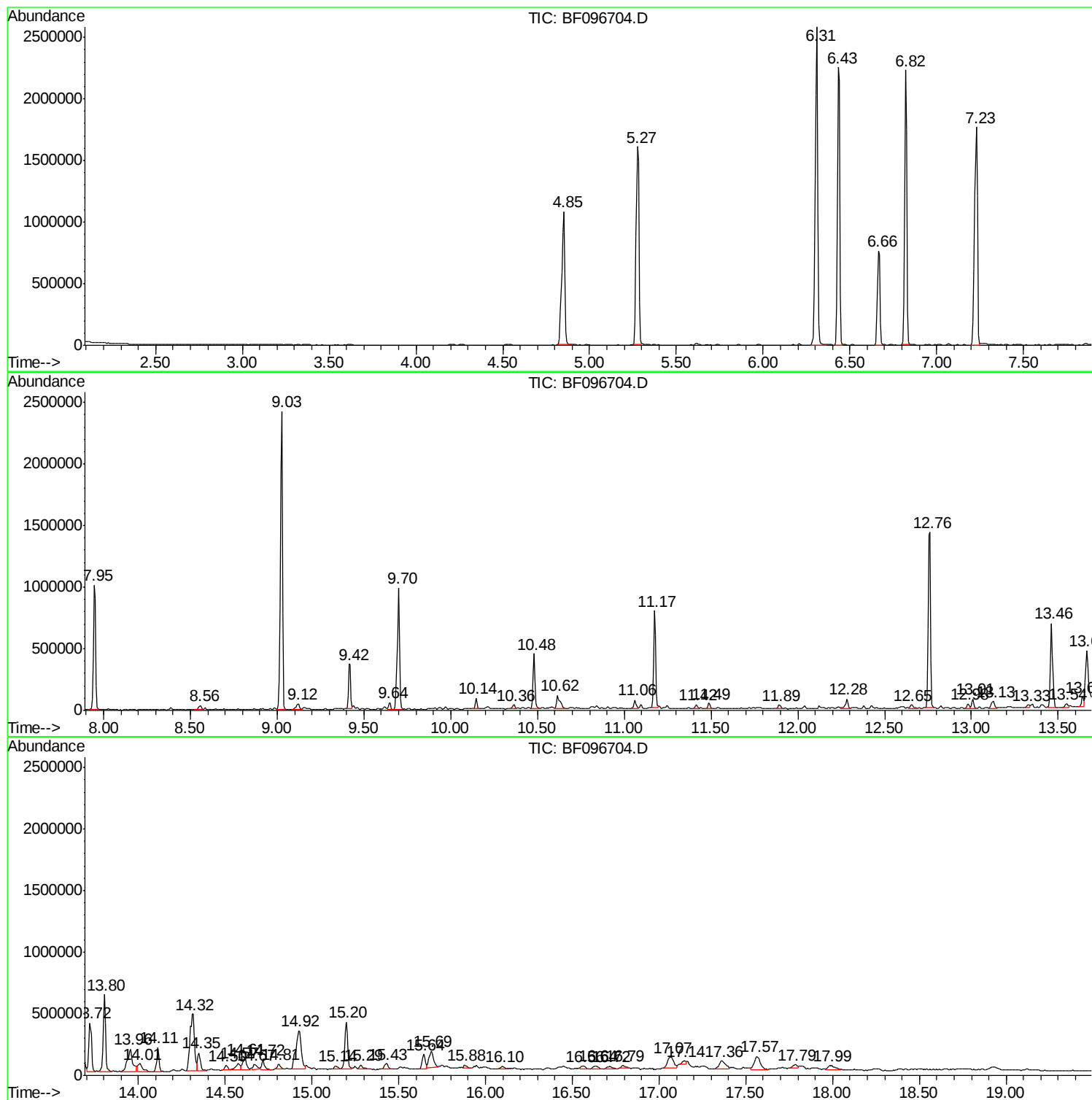
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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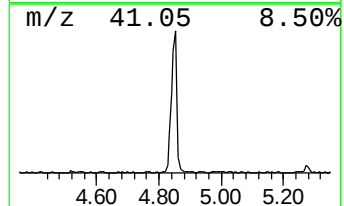
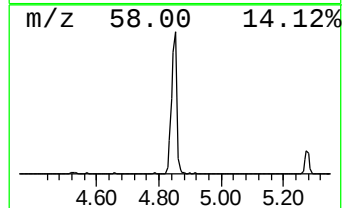
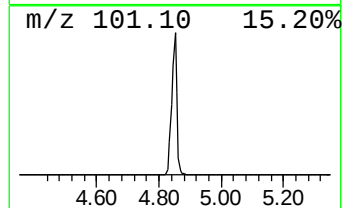
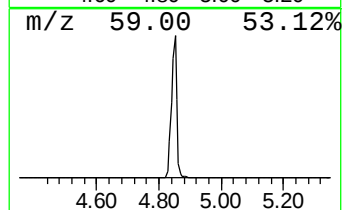
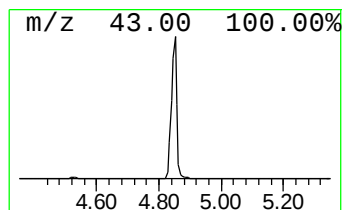
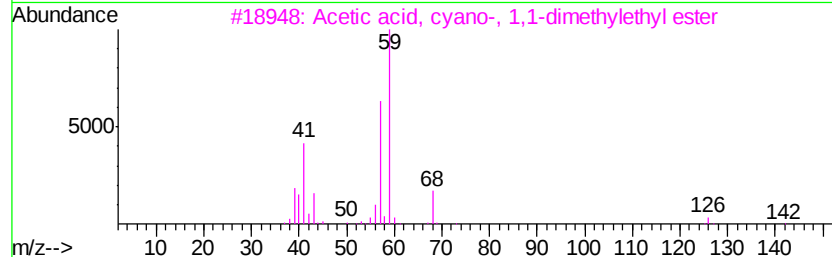
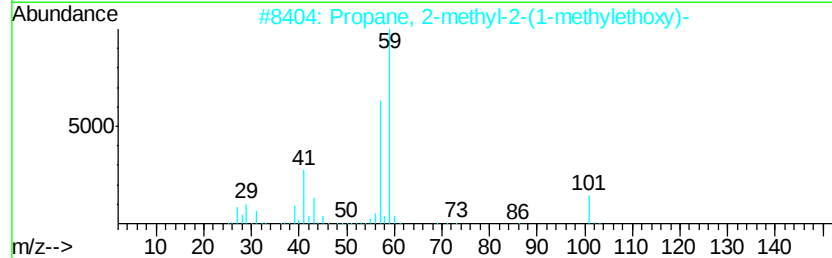
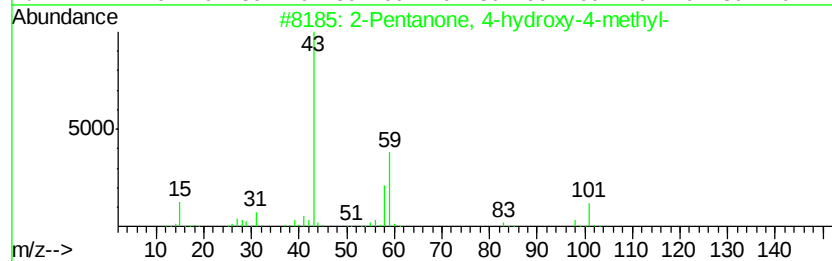
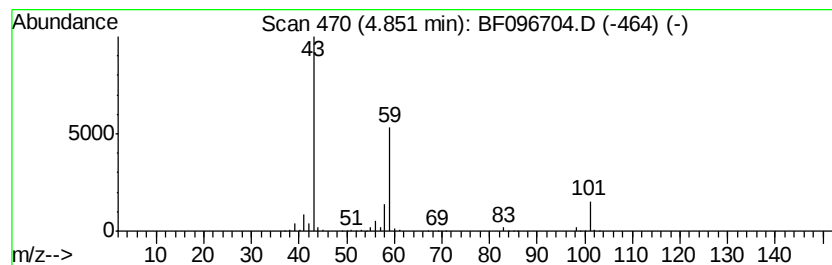
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	36.95 ng	1280260	1,4-Dichlorobenzene-d4	6.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9



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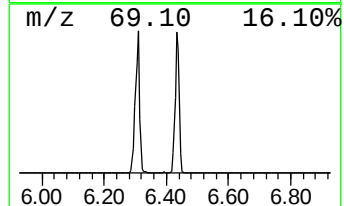
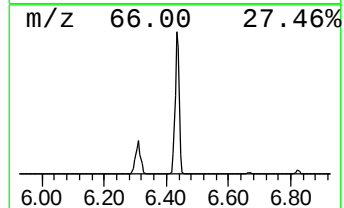
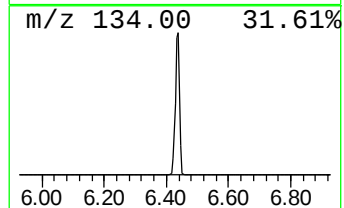
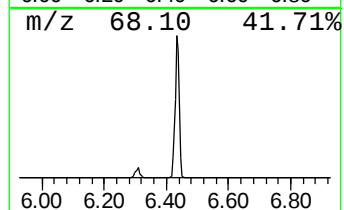
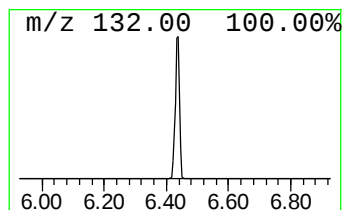
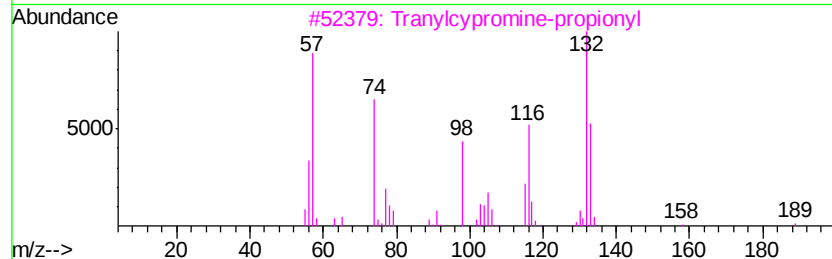
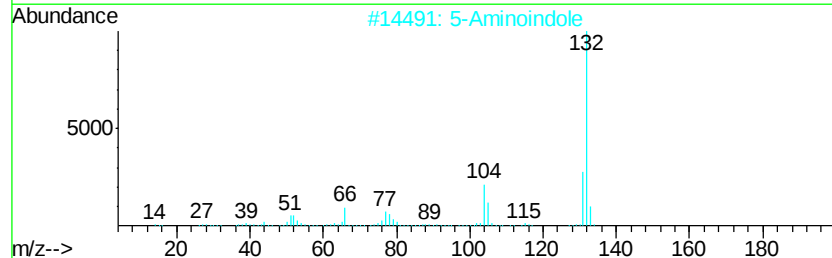
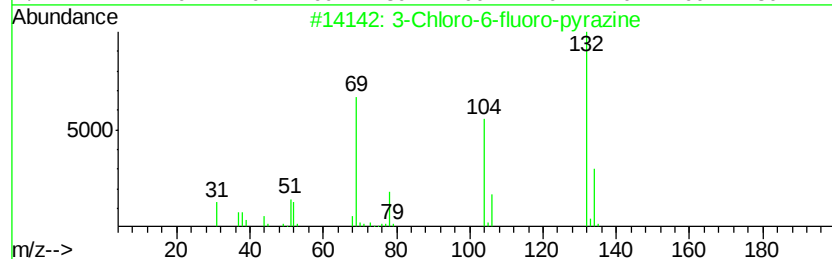
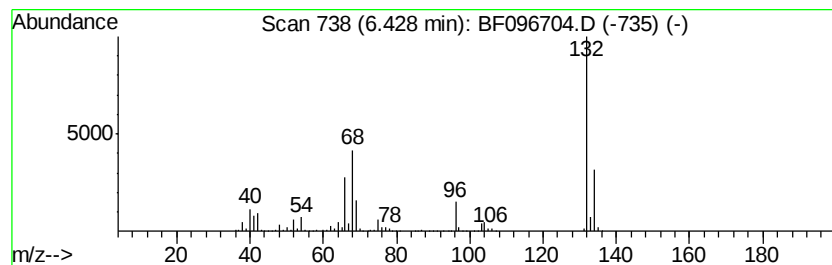
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	65.04 ng	2253320	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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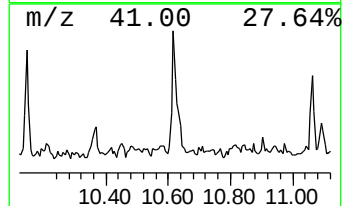
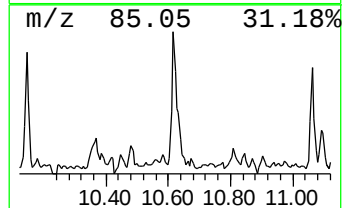
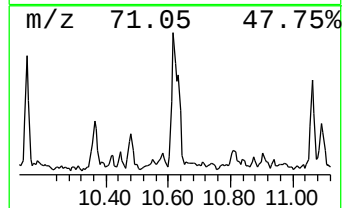
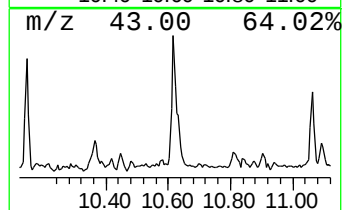
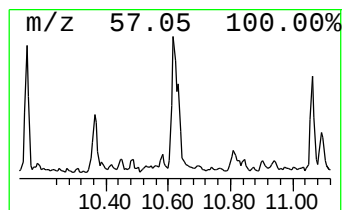
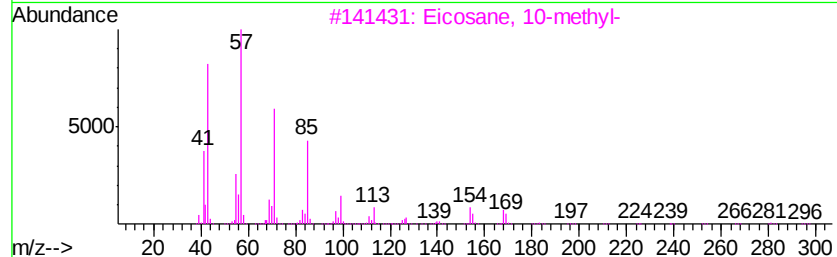
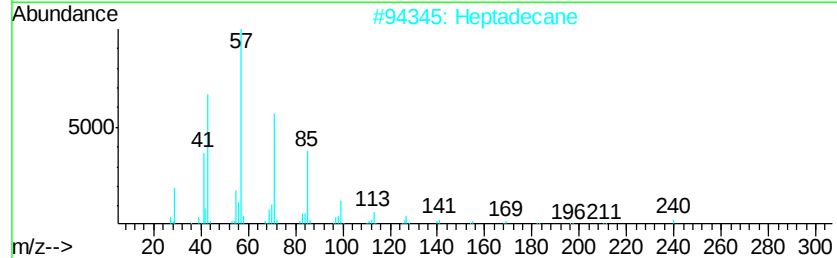
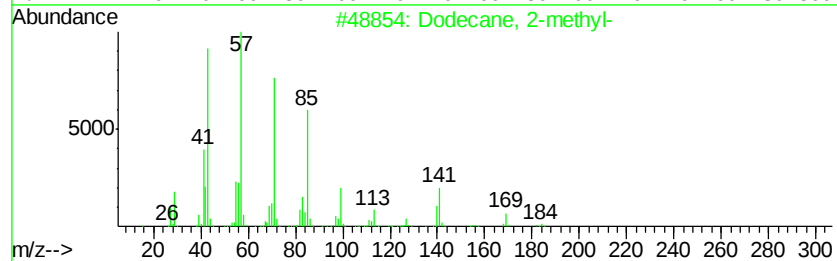
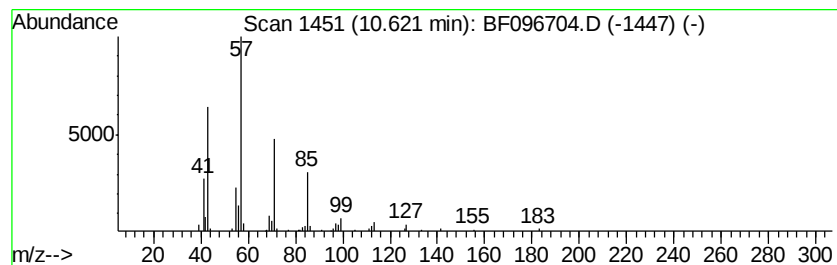
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	3.99 ng	136573	Phenanthrene-d10	11.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	86
5		Hexadecane	226	C16H34	000544-76-3	86



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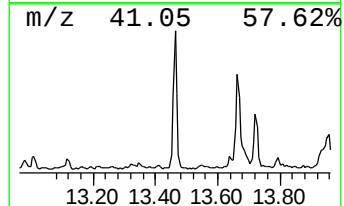
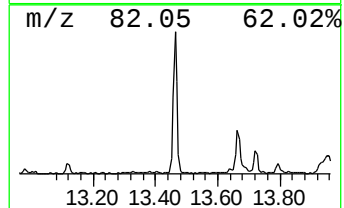
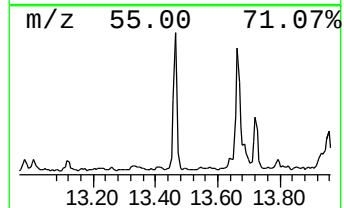
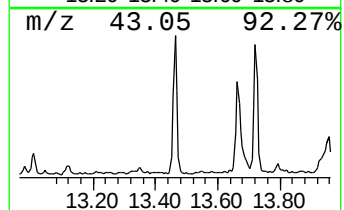
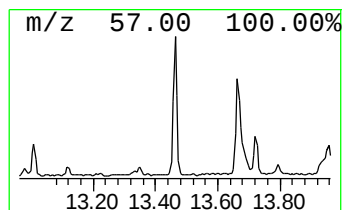
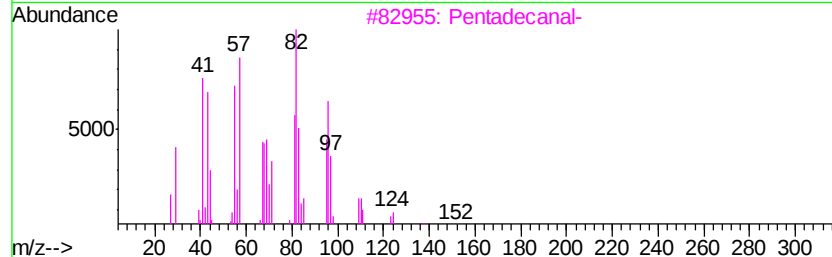
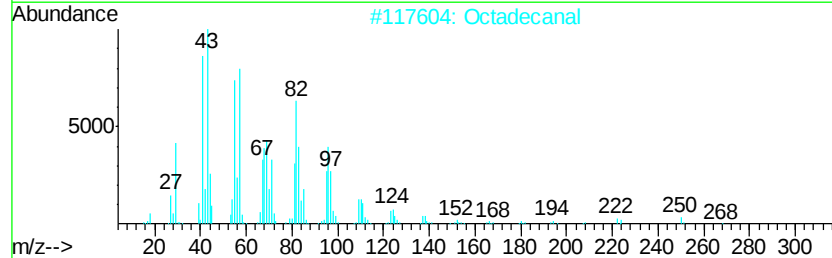
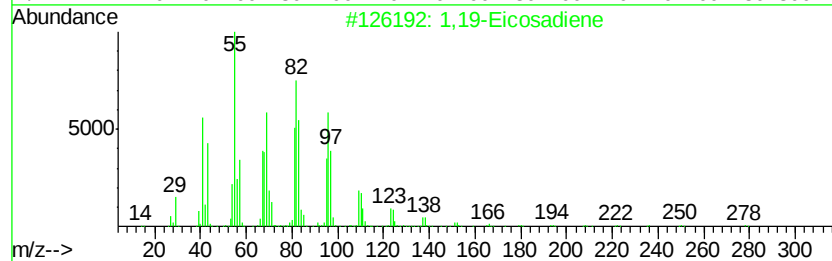
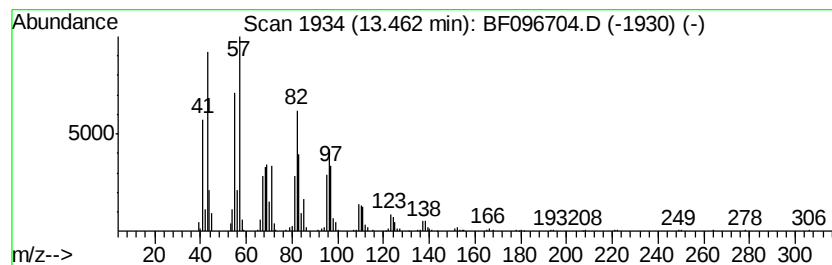
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Peak Number 5 1,19-Eicosadiene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.46	18.51 ng	580251	Chrysene-d12		13.80
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Pentadecanal-	226	C15H30O	002765-11-9	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91



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ALS Vial : 19 Sample Multiplier: 1

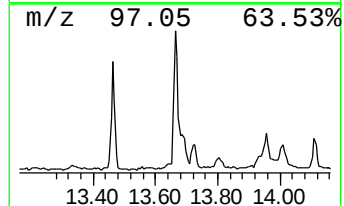
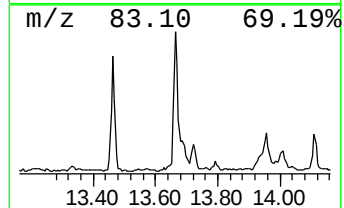
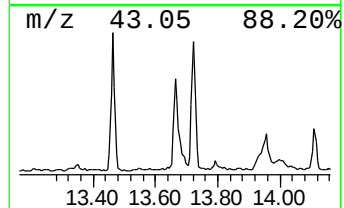
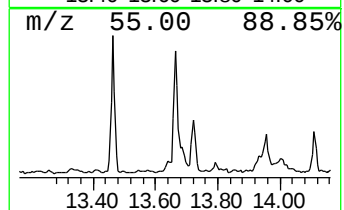
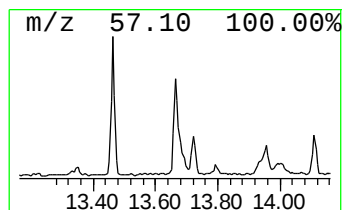
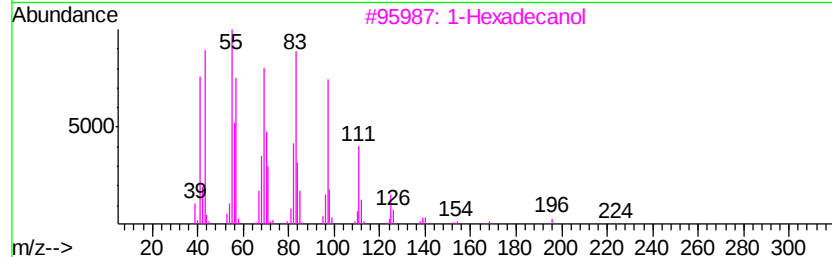
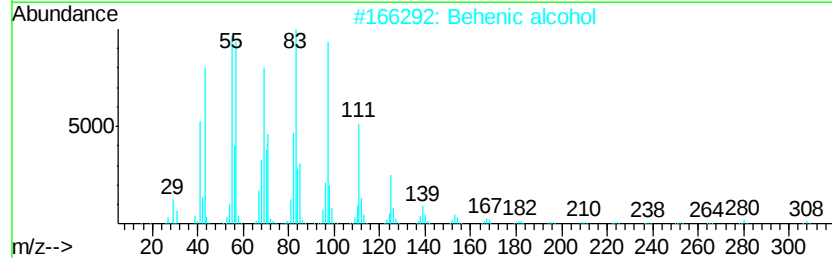
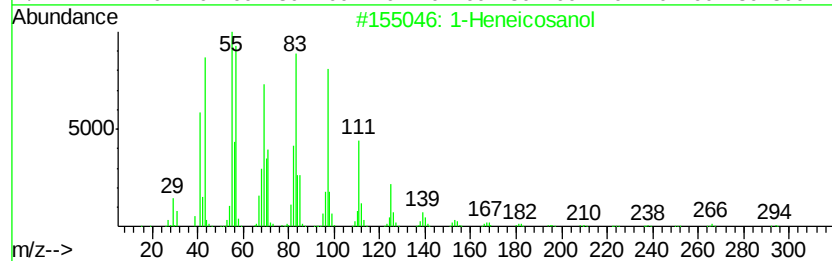
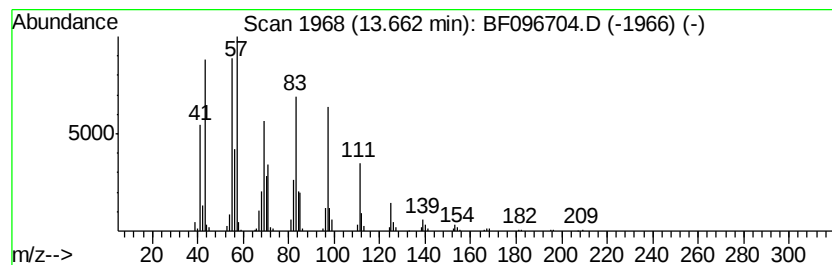
Instrument :
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ClientSampleId :
EP-09

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Heneicosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	17.63 ng	552682	Chrysene-d12	13.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosanol	312 C21H44O	015594-90-8	93
2	Behenic alcohol	326 C22H46O	000661-19-8	93
3	1-Hexadecanol	242 C16H34O	036653-82-4	91
4	1-Octadecanol	270 C18H38O	000112-92-5	91
5	1-Nonadecene	266 C19H38	018435-45-5	91



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071217\
Data File : BF096704.D
Acq On : 12 Jul 2017 21:03
Operator : SJ/JU
Sample : I4140-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

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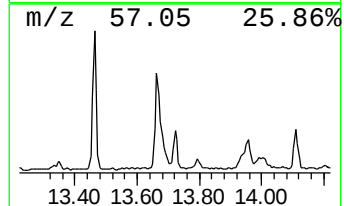
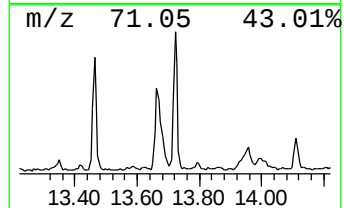
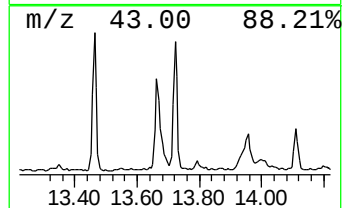
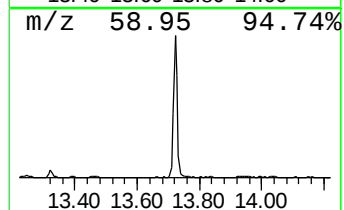
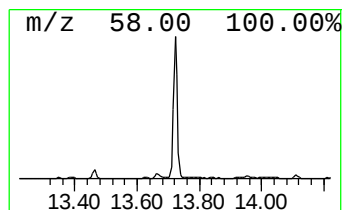
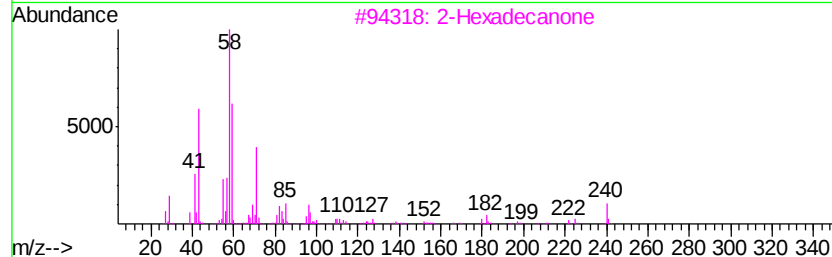
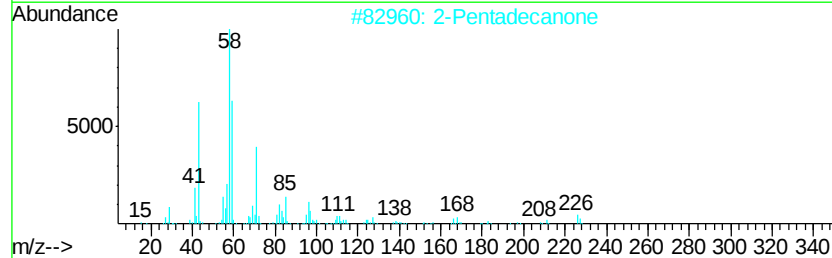
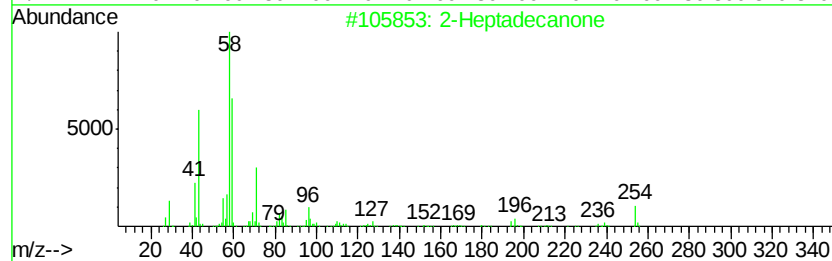
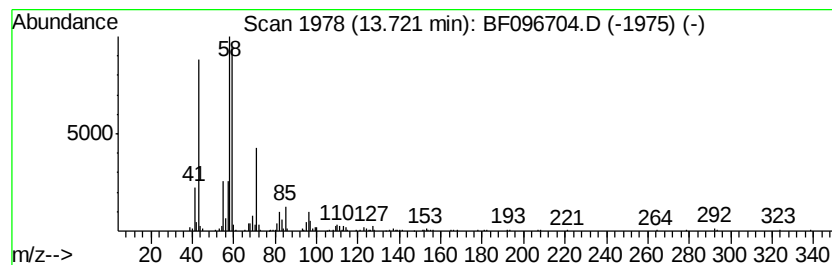
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-Heptadecanone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	11.64 ng	364784	Chrysene-d12	13.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Heptadecanone	254	C17H34O	002922-51-2	78
2		2-Pentadecanone	226	C15H30O	002345-28-0	64
3		2-Hexadecanone	240	C16H32O	018787-63-8	64
4		2-Tridecanone	198	C13H26O	000593-08-8	50
5		N-Methyl-N-methoxycarbonylcarbam...	175	C6H9NO5	073830-21-4	50



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071217\
Data File : BF096704.D
Acq On : 12 Jul 2017 21:03
Operator : SJ/JU
Sample : I4140-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

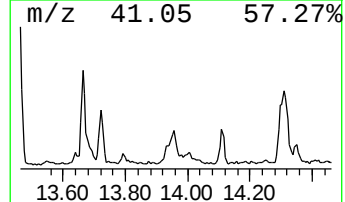
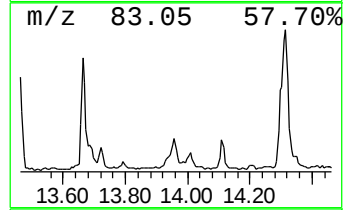
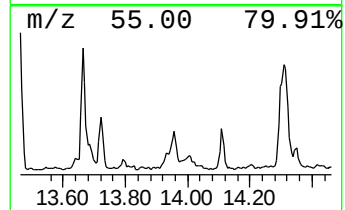
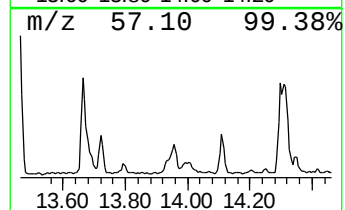
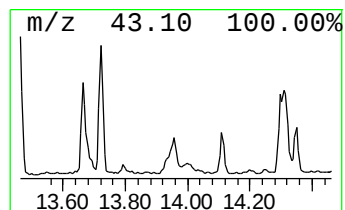
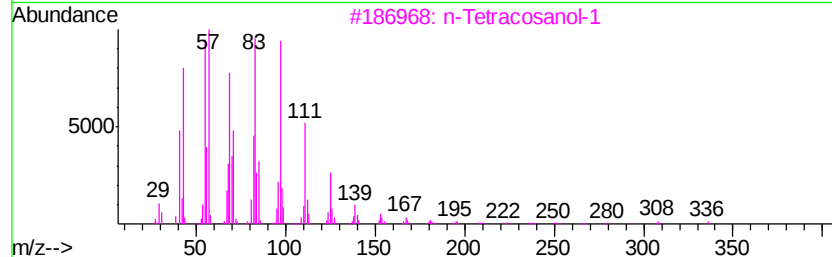
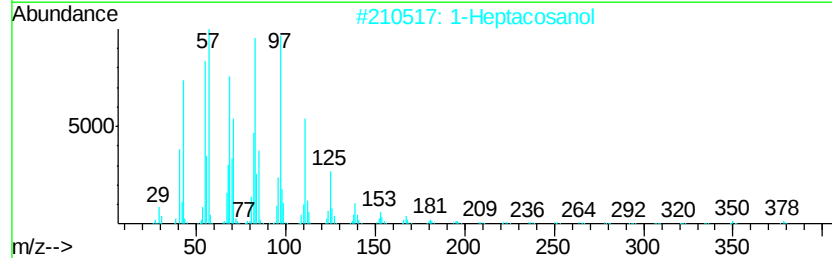
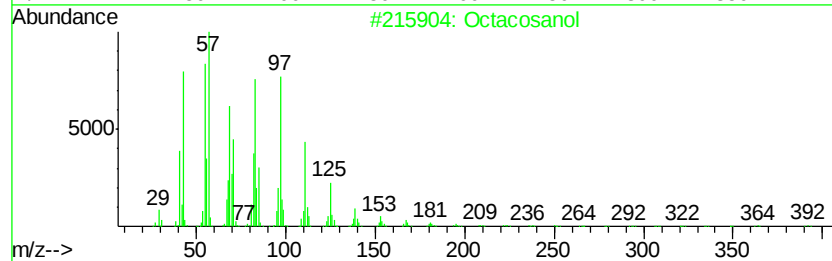
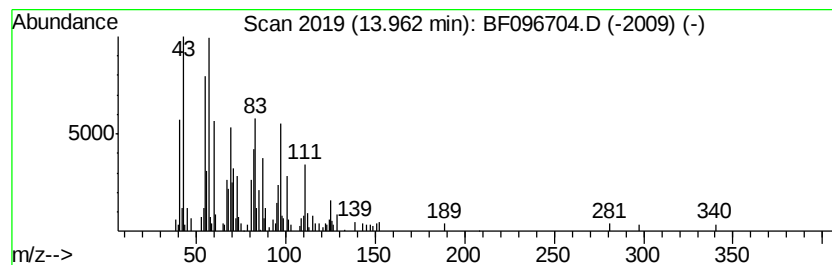
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	12.06 ng	378096	Chrysene-d12	13.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octacosanol	410 C28H58O	000557-61-9 55
2		1-Heptacosanol	396 C27H56O	002004-39-9 55
3		n-Tetracosanol-1	354 C24H50O	000506-51-4 50
4		Heptacosyl acetate	438 C29H58O2	1000351-78-2 49
5		1-Docosanol, methyl ether	340 C23H48O	1000333-91-9 43



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071217\
Data File : BF096704.D
Acq On : 12 Jul 2017 21:03
Operator : SJ/JU
Sample : I4140-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

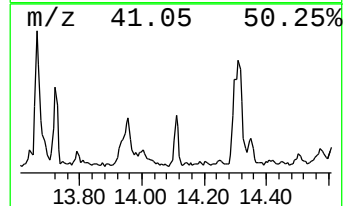
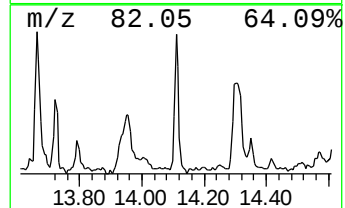
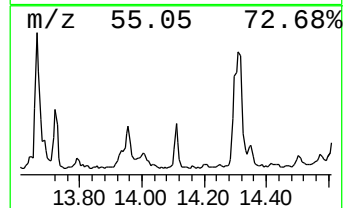
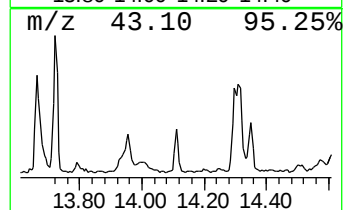
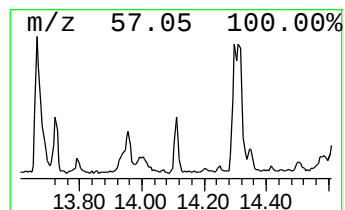
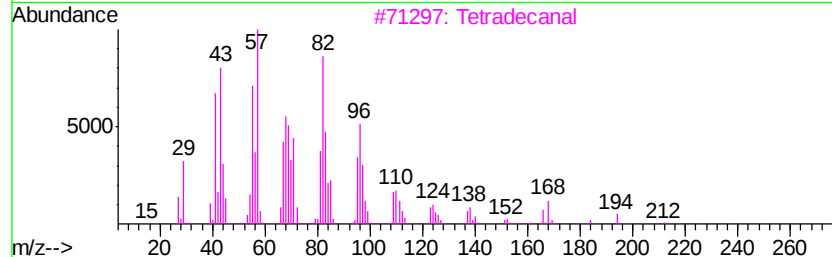
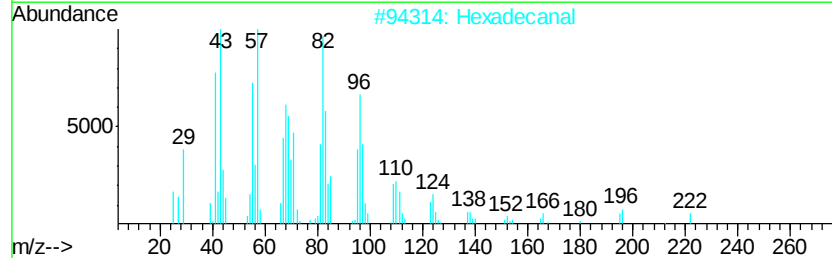
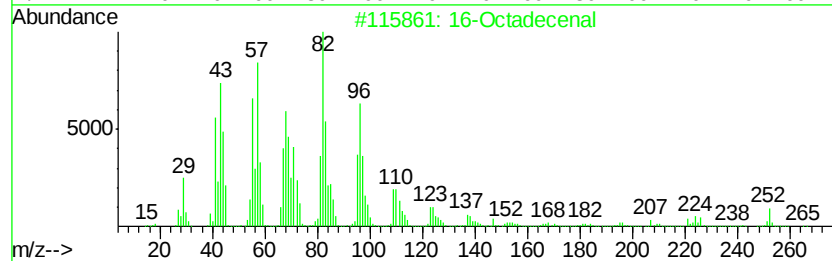
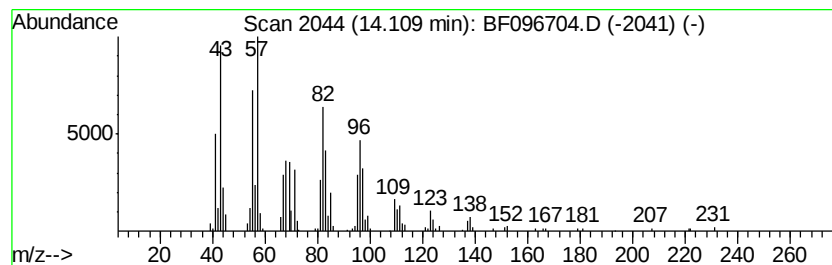
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 16-Octadecenal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.11	5.52 ng	172937	Chrysene-d12		13.80
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenal	266	C18H34O	056554-87-1	91
2	Hexadecanal	240	C16H32O	000629-80-1	90
3	Tetradecanal	212	C14H28O	000124-25-4	87
4	1,19-Eicosadiene	278	C20H38	014811-95-1	87
5	12-Octadecenal	266	C18H34O	056554-91-7	80



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071217\
Data File : BF096704.D
Acq On : 12 Jul 2017 21:03
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ClientSampleId :
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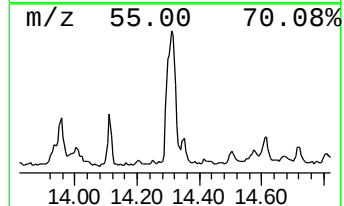
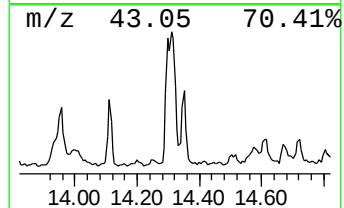
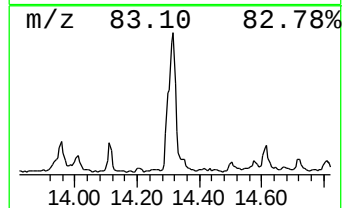
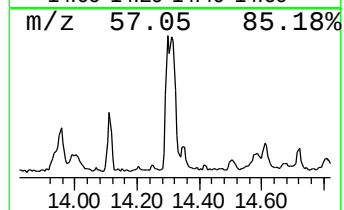
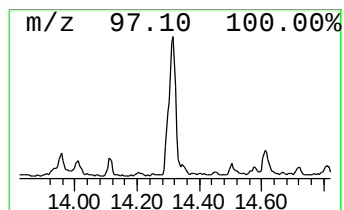
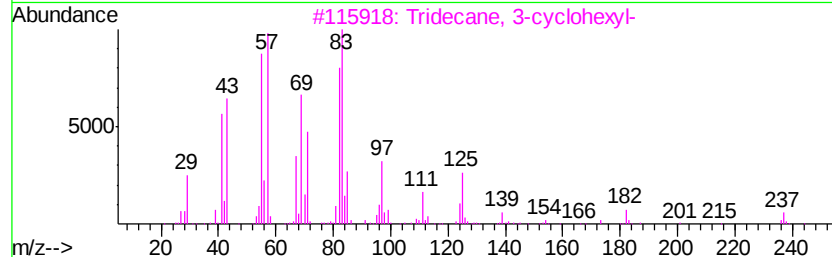
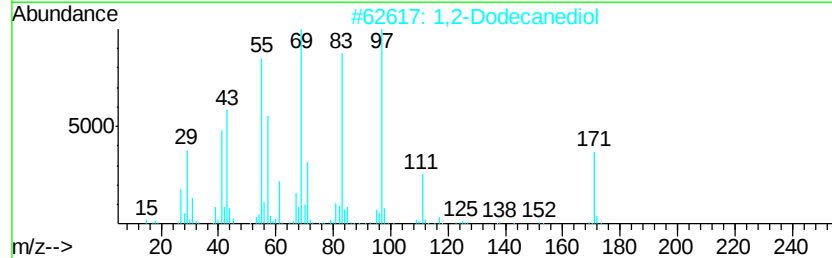
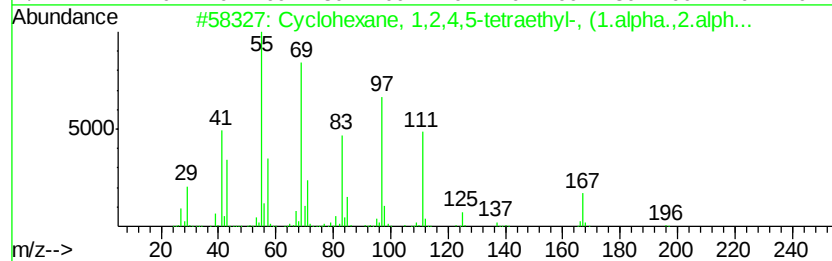
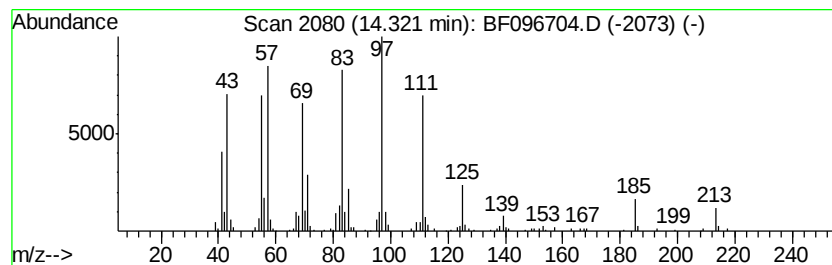
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexane, 1,2,4,5-tetrae... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	27.36 ng	857605	Chrysene-d12	13.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	58
2		1,2-Dodecanediol	202	C12H26O2	001119-87-5	52
3		Tridecane, 3-cyclohexyl-	266	C19H38	013151-88-7	46
4		Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	43
5		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	30



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071217\
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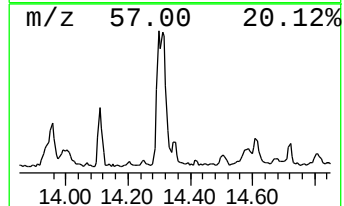
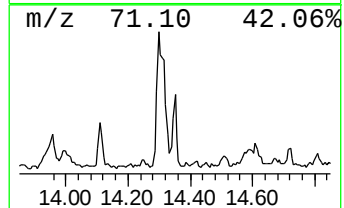
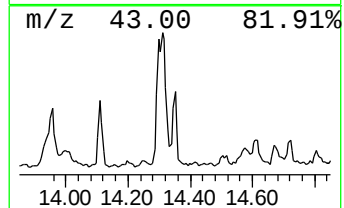
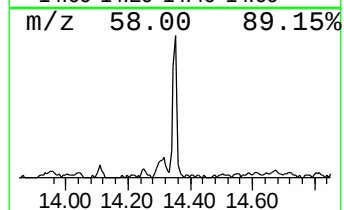
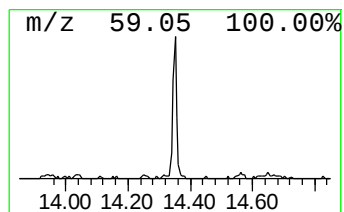
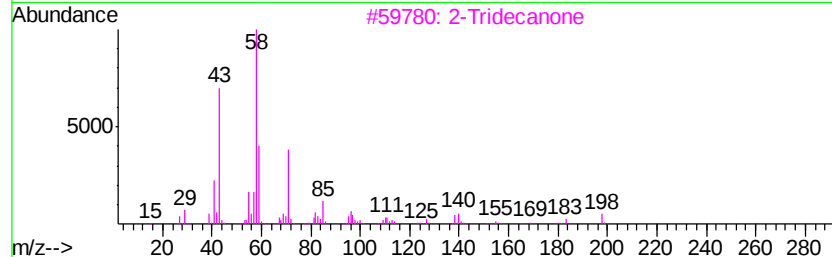
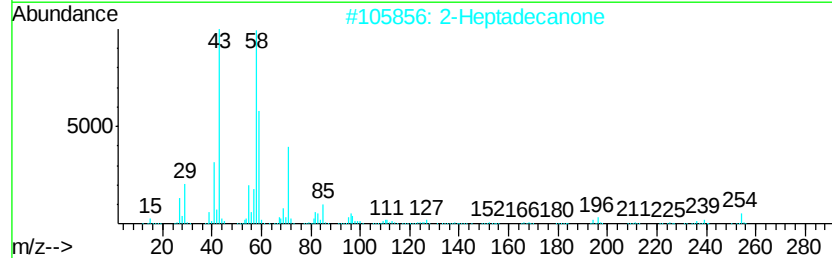
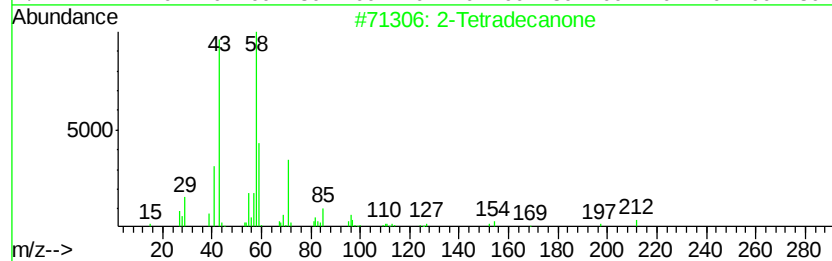
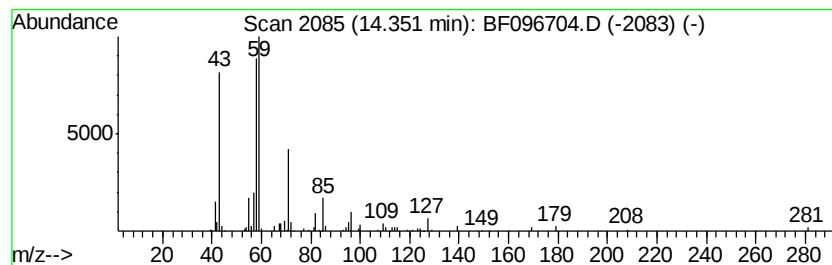
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2-Tetradecanone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.35	4.18 ng	131149	Chrysene-d12		13.80
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tetradecanone	212	C14H28O	002345-27-9	64
2	2-Heptadecanone	254	C17H34O	002922-51-2	59
3	2-Tridecanone	198	C13H26O	000593-08-8	53
4	2-Pentadecanone	226	C15H30O	002345-28-0	53
5	2-Hexadecanone	240	C16H32O	018787-63-8	45



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071217\
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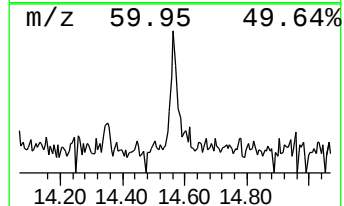
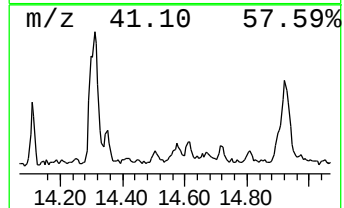
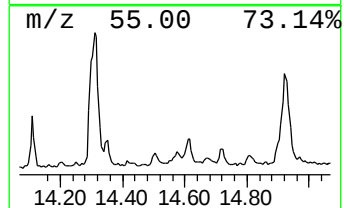
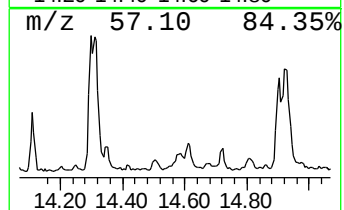
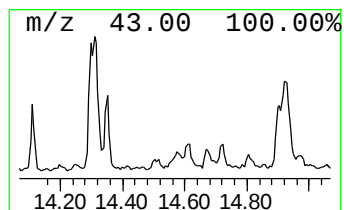
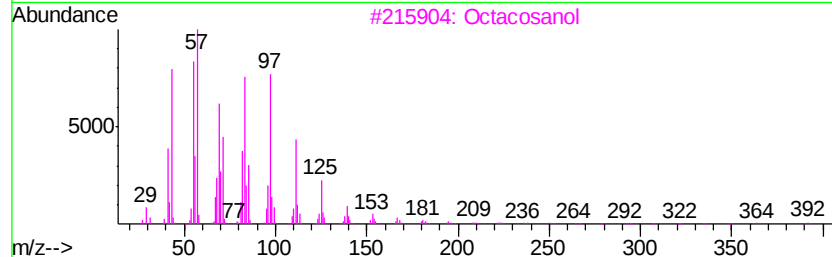
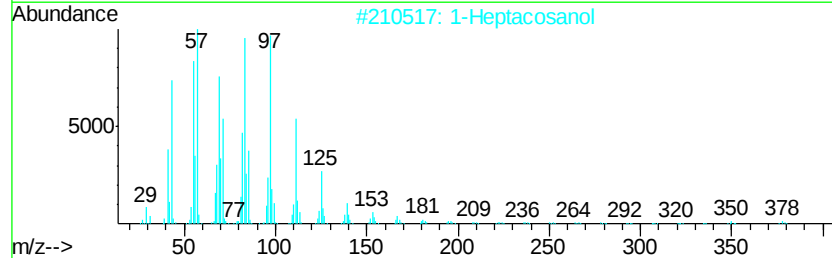
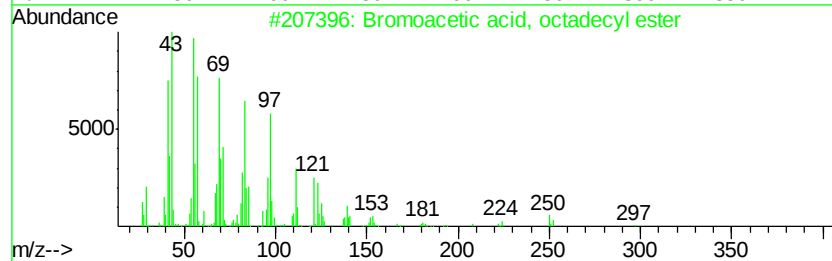
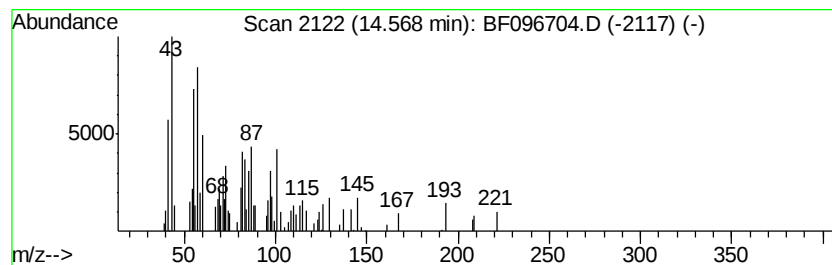
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown14.57 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	4.40 ng	101708	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	43
2		1-Heptacosanol	396	C27H56O	002004-39-9	38
3		Octacosanol	410	C28H58O	000557-61-9	38
4		Tricosyl acetate	382	C25H50O2	1000351-77-8	35
5		Octacosyl acetate	452	C30H60O2	018206-97-8	35



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071217\
Data File : BF096704.D
Acq On : 12 Jul 2017 21:03
Operator : SJ/JU
Sample : I4140-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-09

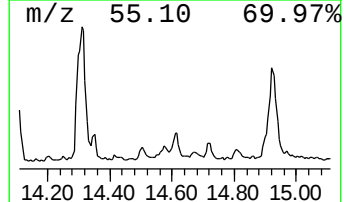
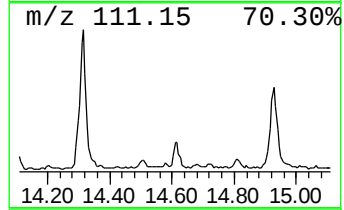
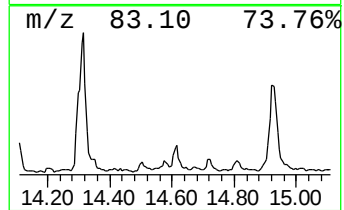
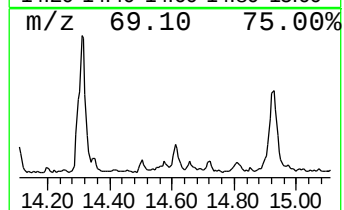
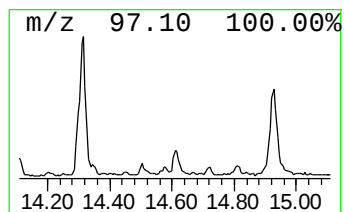
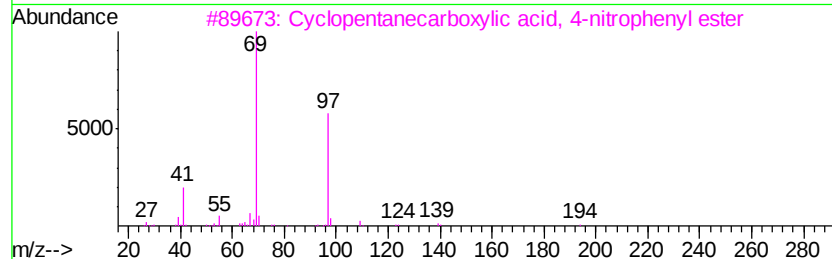
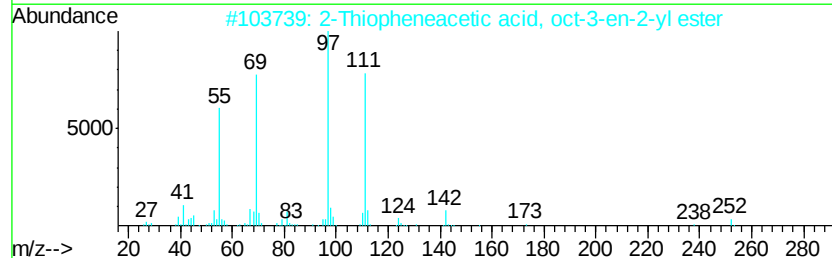
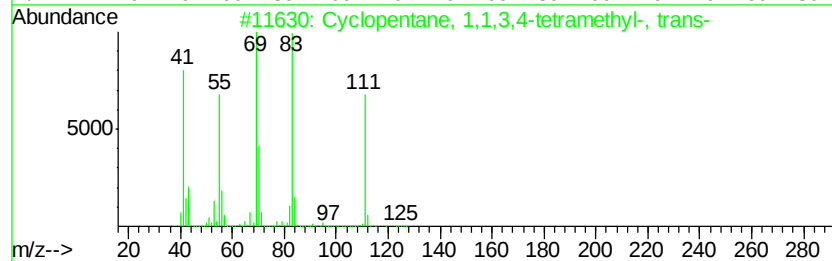
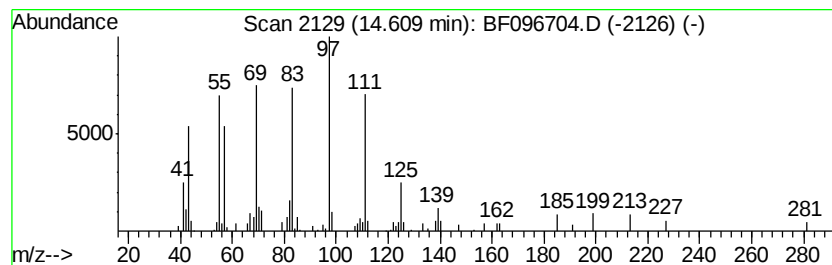
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown14.61 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	5.63 ng	130070	Perylene-d12	15.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	47
2			2-Thiopheneacetic acid, oct-3-en...	252	C14H20O2S	1000299-38-6	47
3			Cyclopentanecarboxylic acid, 4-n...	235	C12H13NO4	1000307-58-0	38
4			Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	38
5			Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	30



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071217\
Data File : BF096704.D
Acq On : 12 Jul 2017 21:03
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Sample : I4140-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

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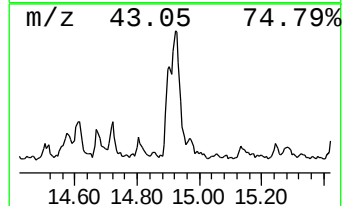
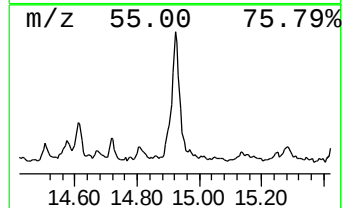
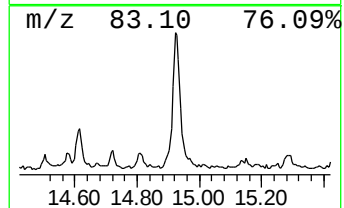
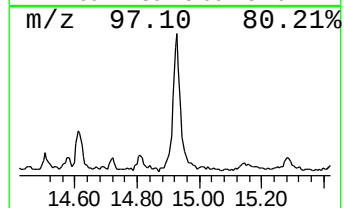
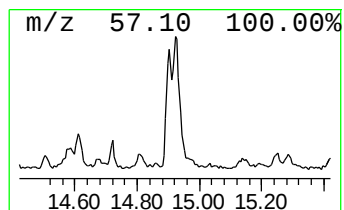
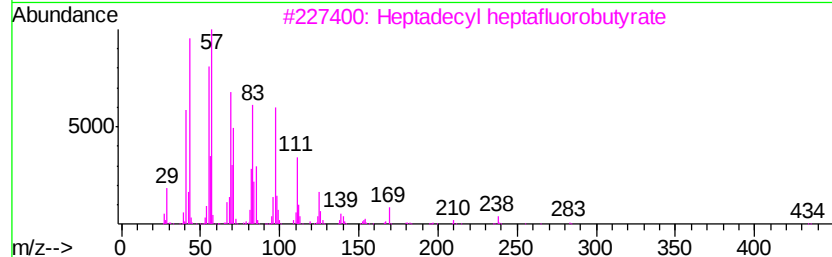
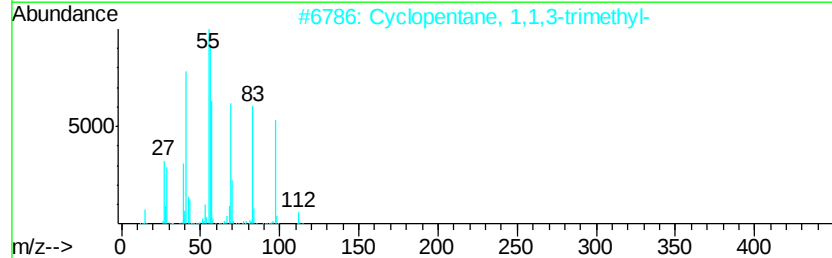
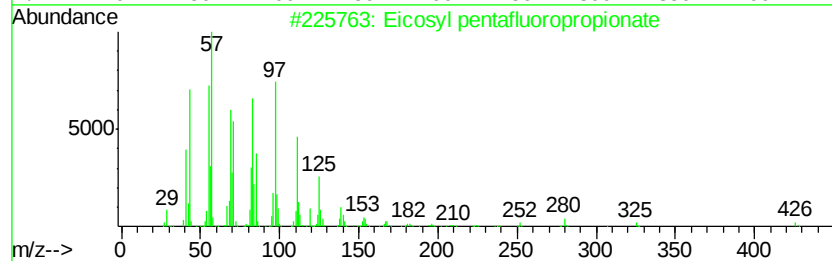
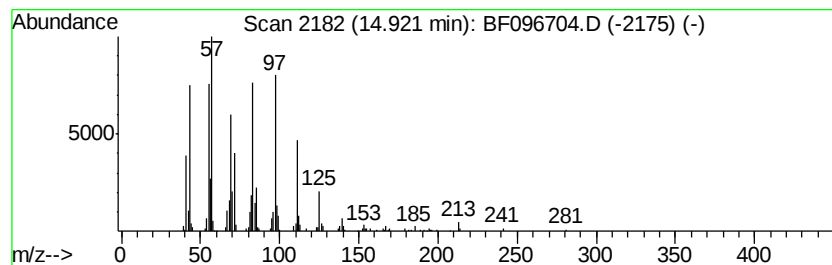
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosyl pentafluoropropionate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	27.85 ng	643865	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	58
2		Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	53
3		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	49
4		Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	49
5		Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	43



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071217\
Data File : BF096704.D
Acq On : 12 Jul 2017 21:03
Operator : SJ/JU
Sample : I4140-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

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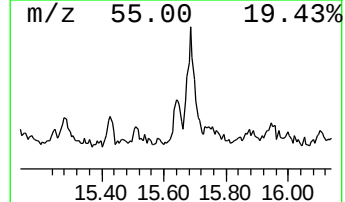
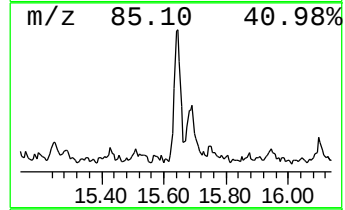
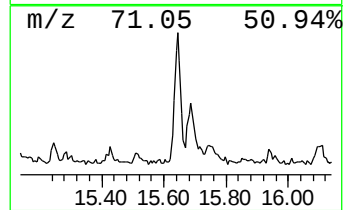
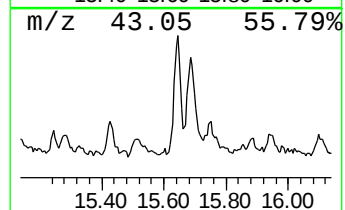
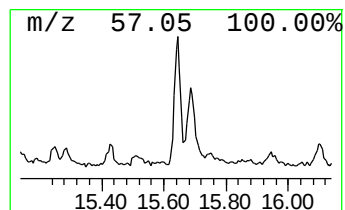
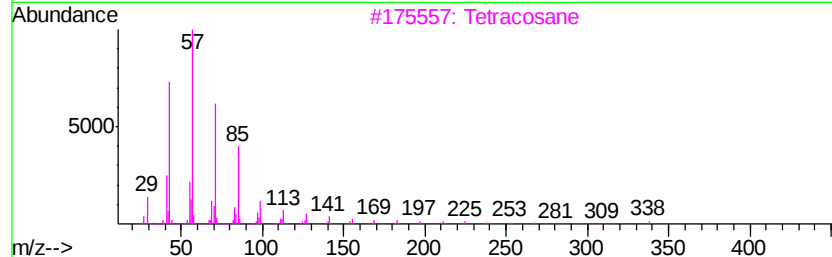
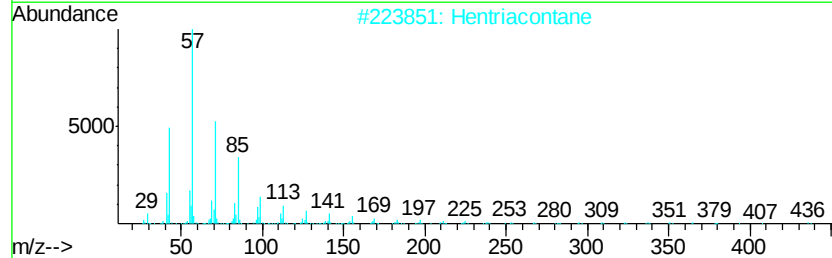
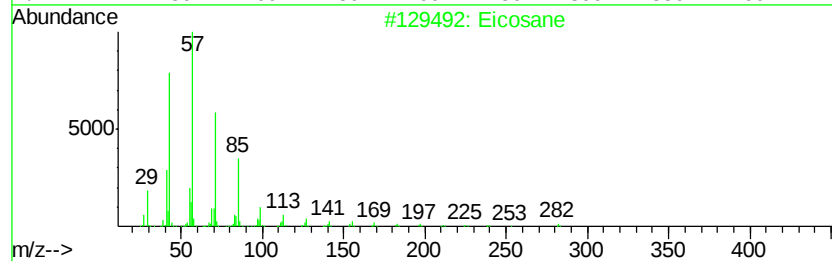
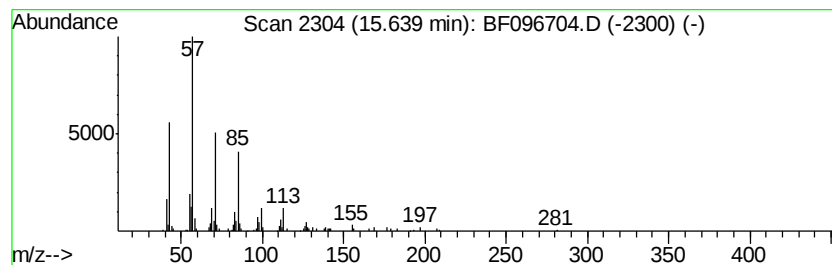
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	7.65 ng	176824	Perylene-d12	15.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	93
2			Hentriacontane	437	C31H64	000630-04-6	91
3			Tetracosane	338	C24H50	000646-31-1	90
4			Hexacosane	366	C26H54	000630-01-3	90
5			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071217\
Data File : BF096704.D
Acq On : 12 Jul 2017 21:03
Operator : SJ/JU
Sample : I4140-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

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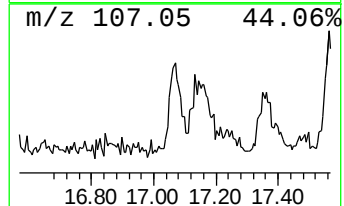
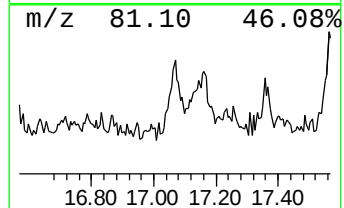
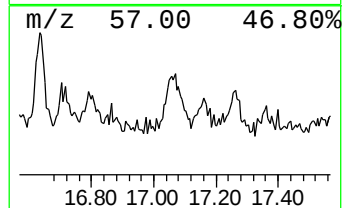
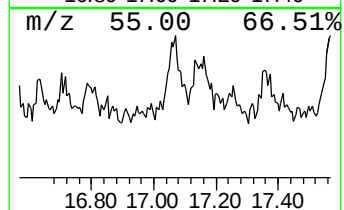
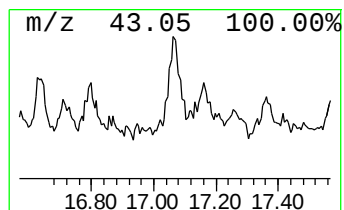
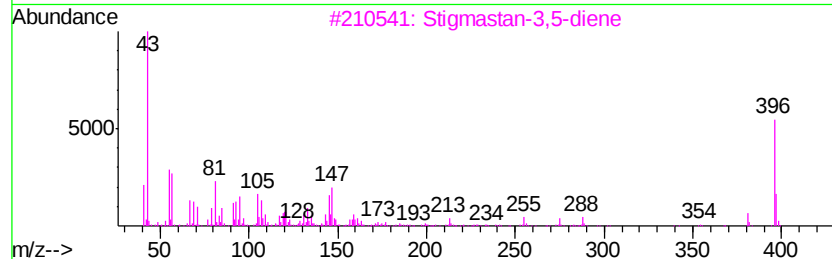
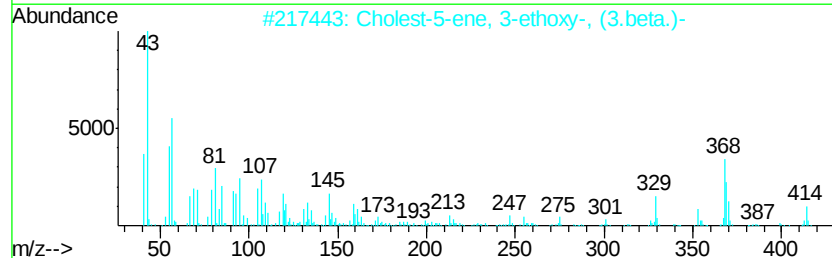
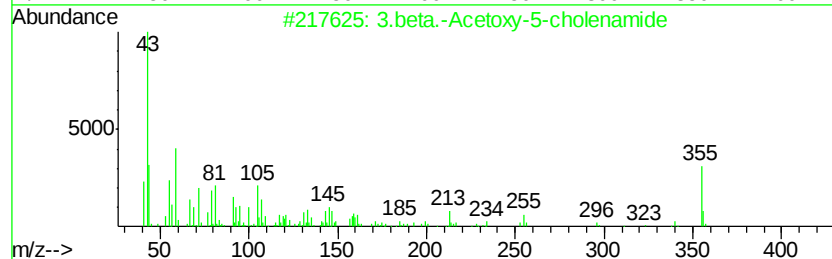
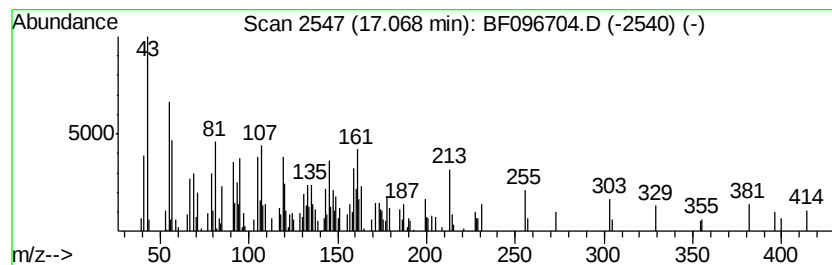
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown17.07 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.07	9.88 ng	228301	Perylene-d12	15.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3	.beta.-Acetoxy-5-cholenamide	415	C26H41N03	088108-04-7	12	
2	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H500	000986-19-6	11		
3	Stigmastan-3,5-diene	396	C29H48	1000214-16-4	10		
4	.beta.-Sitosterol acetate	456	C31H5202	000915-05-9	10		
5	N-Benzylacrylamide	161	C10H11N0	013304-62-6	9		



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071217\
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Acq On : 12 Jul 2017 21:03
Operator : SJ/JU
Sample : I4140-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

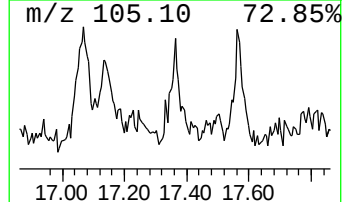
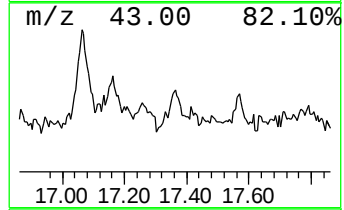
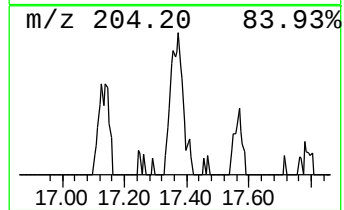
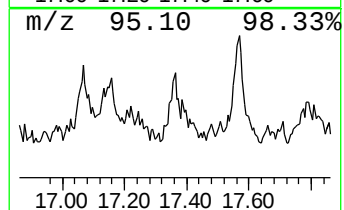
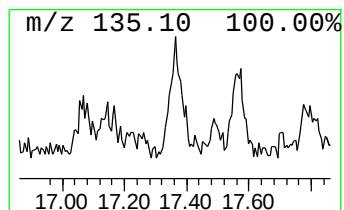
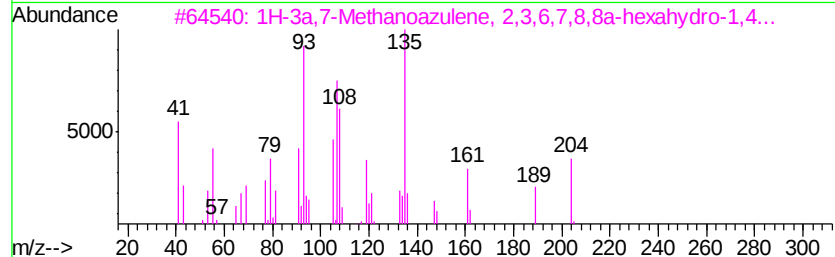
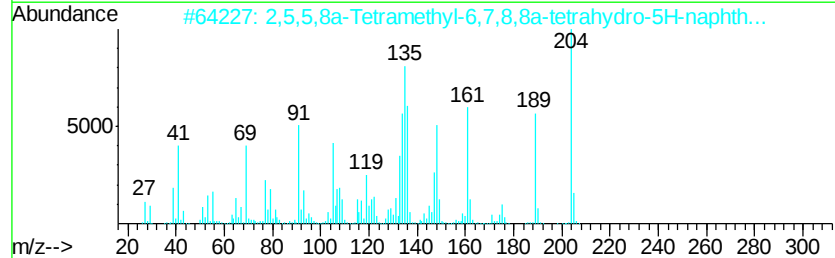
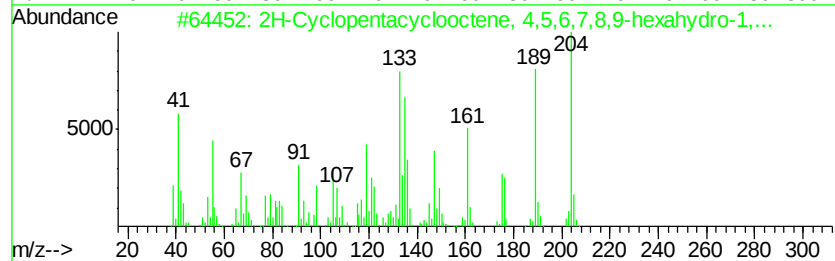
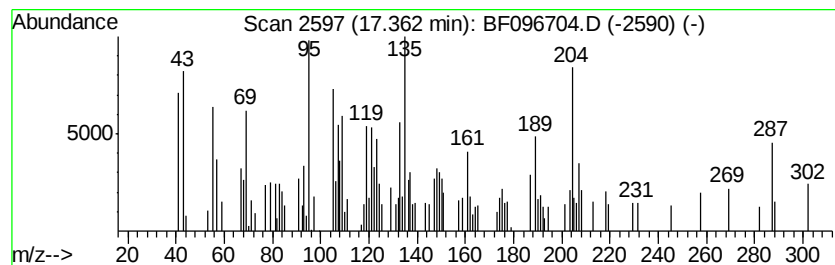
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2H-Cyclopentacyclooctene, 4... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	6.62 ng	153070	Perylene-d12	15.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2H-Cyclopentacyclooctene, 4,5,6,...	204 C15H24	1000221-85-8	95
2	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204 C14H200	124957-09-1	70
3	1H-3a,7-Methanoazulene, 2,3,6,7,...	204 C15H24	000560-32-7	70
4	Himachala-2,4-diene	204 C15H24	060909-27-5	47
5	3H-3a,7-Methanoazulene, 2,4,5,6,...	204 C15H24	002387-78-2	47



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071217\
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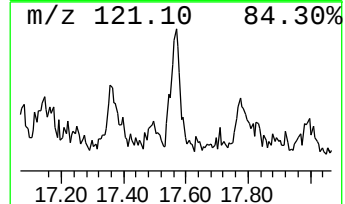
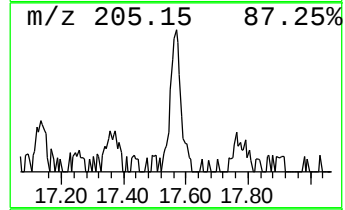
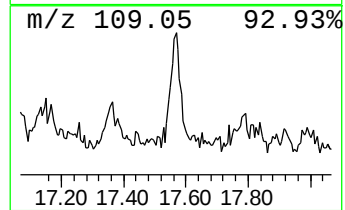
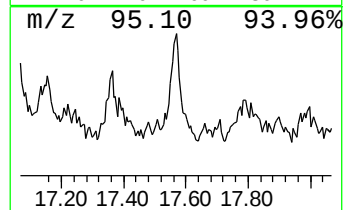
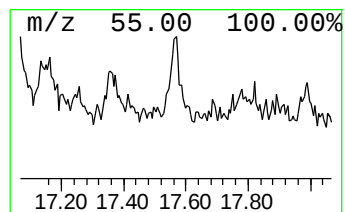
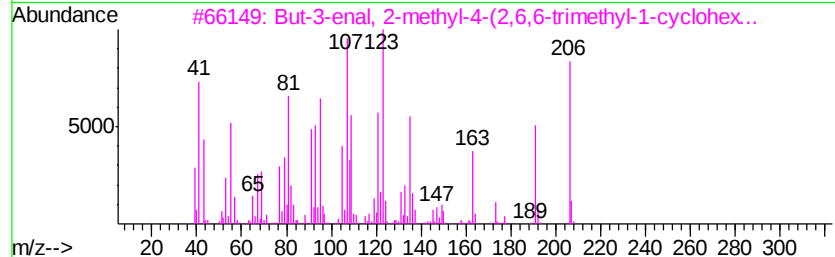
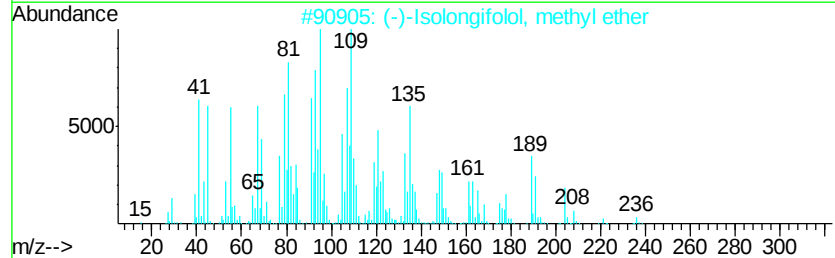
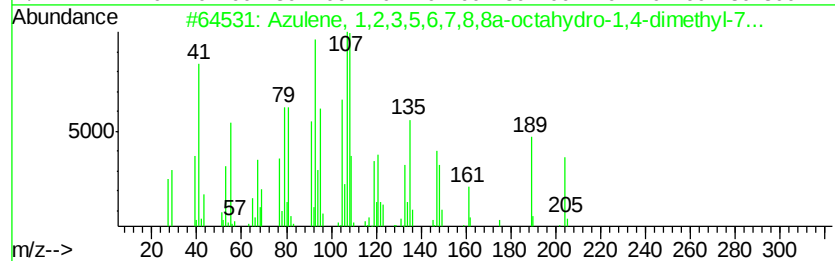
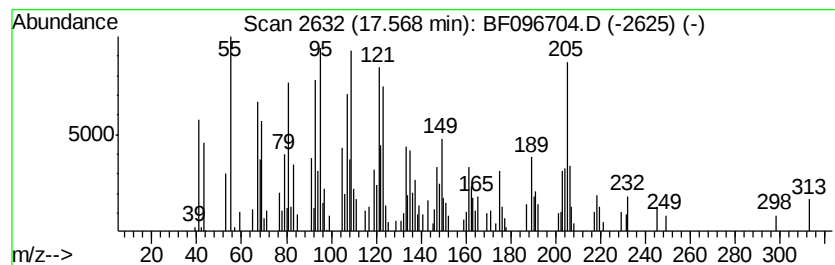
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Azulene, 1,2,3,5,6,7,8,8a-o... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	10.53 ng	243450	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	53
2		(-)-Isolongifolol, methyl ether	236	C16H28O	1000333-80-8	46
3		But-3-enal, 2-methyl-4-(2,6,6-tr...	206	C14H22O	104900-59-6	41
4		2,4a,8,8-Tetramethyldecahydrocyc...	206	C15H26	074022-04-1	35
5		Allyl ionone 3	232	C16H24O	1000284-92-9	25



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071217\
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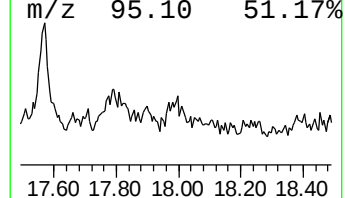
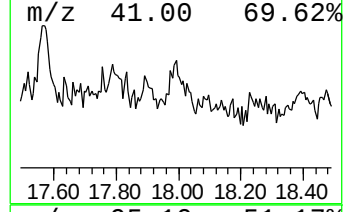
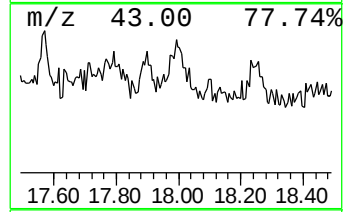
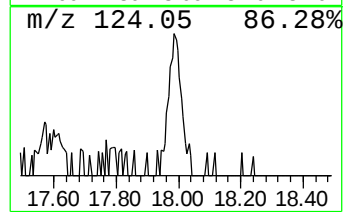
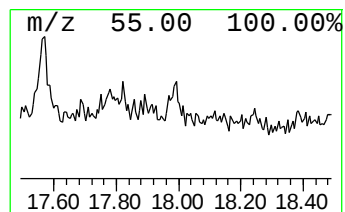
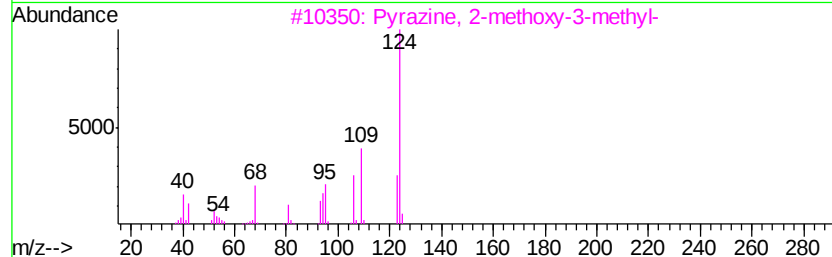
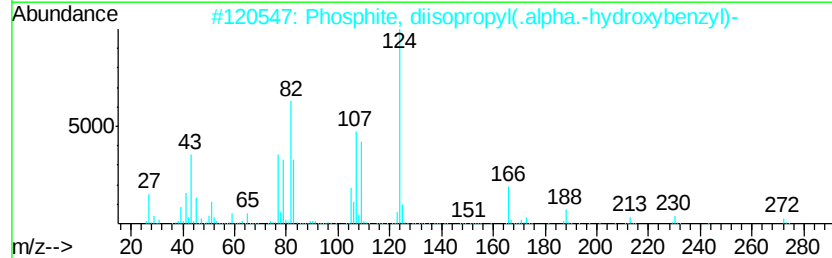
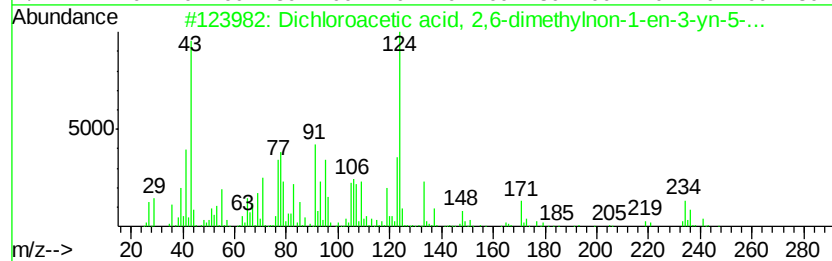
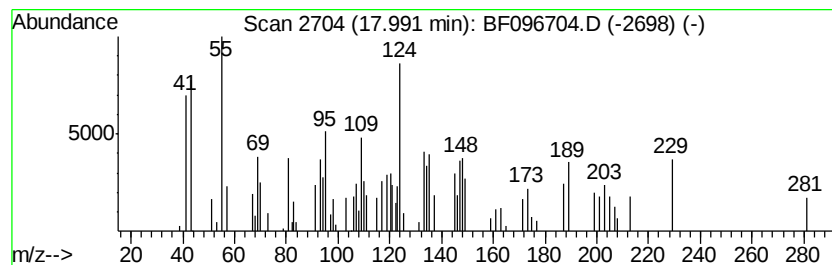
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown17.99 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	4.08 ng	94346	Perylene-d12	15.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dichloroacetic acid, 2,6-dimethy...	276	C13H18Cl2O2	1000299-43-5	27
2			Phosphite, diisopropyl(.alpha.-h...	272	C13H21O4P	020386-43-0	27
3			Pyrazine, 2-methoxy-3-methyl-	124	C6H8N2O	002847-30-5	22
4			3-Cyclohexene-1-carboxaldehyde, ...	124	C8H12O	007560-64-7	22
5			1,3-Benzenediol, 2-methyl-	124	C7H8O2	000608-25-3	18



Data Path : Z:\HPCHEM1\BNA_F\Data\BF071217\
 Data File : BF096704.D
 Acq On : 12 Jul 2017 21:03
 Operator : SJ/JU
 Sample : I4140-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-09

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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...	4.85	37.0	ng	1280260	1	6.67	692917	20.0
unknown6.43	6.43	65.0	ng	2253320	1	6.67	692917	20.0
Dodecane, 2-methyl-	10.62	4.0	ng	136573	4	11.17	683915	20.0
1,19-Eicosadiene	13.46	18.5	ng	580251	5	13.80	626988	20.0
1-Heneicosanol	13.66	17.6	ng	552682	5	13.80	626988	20.0
2-Heptadecanone	13.72	11.6	ng	364784	5	13.80	626988	20.0
Octacosanol	13.96	12.1	ng	378096	5	13.80	626988	20.0
16-Octadecenal	14.11	5.5	ng	172937	5	13.80	626988	20.0
Cyclohexane, 1,2,...	14.32	27.4	ng	857605	5	13.80	626988	20.0
2-Tetradecanone	14.35	4.2	ng	131149	5	13.80	626988	20.0
unknown14.57	14.57	4.4	ng	101708	6	15.20	462302	20.0
unknown14.61	14.61	5.6	ng	130070	6	15.20	462302	20.0
Eicosyl pentafluo...	14.92	27.9	ng	643865	6	15.20	462302	20.0
Eicosane	15.64	7.7	ng	176824	6	15.20	462302	20.0
unknown17.07	17.07	9.9	ng	228301	6	15.20	462302	20.0
2H-Cyclopentacycl...	17.36	6.6	ng	153070	6	15.20	462302	20.0
Azulene, 1,2,3,5,...	17.57	10.5	ng	243450	6	15.20	462302	20.0
unknown17.99	17.99	4.1	ng	94346	6	15.20	462302	20.0