

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104480.D
 Acq On : 13 Apr 2018 16:01
 Operator : JU/SJ
 Sample : J2364-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-B

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-BF040618.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	5.028	495	500	509	rVB	104857	140480	4.77%	0.480%
2	5.422	562	567	570	rBV	2619557	2860535	97.20%	9.772%
3	6.063	673	676	692	rVB	60765	101446	3.45%	0.347%
4	6.445	735	741	745	rBV	2568192	2931315	99.61%	10.013%
5	6.581	759	764	767	rBV	3134234	2942871	100.00%	10.053%
6	6.810	799	803	806	rBV	1041730	822400	27.95%	2.809%
7	6.969	825	830	833	rBV	2434630	2268739	77.09%	7.750%
8	7.375	894	899	902	rBV	1866362	1871788	63.60%	6.394%
9	8.092	1017	1021	1024	rBV	1364654	1061524	36.07%	3.626%
10	9.169	1199	1204	1207	rBV	3180133	2901937	98.61%	9.913%
11	9.245	1214	1217	1219	rBV	52839	38309	1.30%	0.131%
12	9.563	1267	1271	1274	rBV	430436	358559	12.18%	1.225%
13	9.775	1304	1307	1310	rVB	142879	101332	3.44%	0.346%
14	9.851	1316	1320	1324	rBV	1256498	1115471	37.90%	3.810%
15	10.098	1358	1362	1366	rBV3	31320	32696	1.11%	0.112%
16	10.275	1390	1392	1395	rVB	155365	119015	4.04%	0.407%
17	10.498	1425	1430	1432	rBV	38765	50651	1.72%	0.173%
18	10.639	1450	1454	1458	rBV	1864886	1719110	58.42%	5.872%
19	10.751	1470	1473	1477	rBV	128804	138387	4.70%	0.473%
20	10.898	1494	1498	1501	rBV2	41182	38996	1.33%	0.133%
21	11.198	1546	1549	1552	rBV	73336	60353	2.05%	0.206%
22	11.339	1569	1573	1575	rBV	1121642	975170	33.14%	3.331%
23	11.357	1575	1576	1580	rVB	66064	54916	1.87%	0.188%
24	11.627	1619	1622	1626	rVV2	28929	30854	1.05%	0.105%
25	11.680	1627	1631	1636	rVB5	23278	33295	1.13%	0.114%
26	12.551	1776	1779	1784	rVB	176498	148384	5.04%	0.507%
27	12.610	1786	1789	1792	rVB2	68329	67950	2.31%	0.232%
28	12.780	1813	1818	1823	rBV	157538	161382	5.48%	0.551%
29	12.863	1829	1832	1836	rBV	470105	404424	13.74%	1.382%
30	12.927	1839	1843	1846	rBV	2419184	2179084	74.05%	7.444%
31	13.110	1872	1874	1879	rVB3	23302	30622	1.04%	0.105%
32	13.180	1883	1886	1887	rVV2	31265	31480	1.07%	0.108%
33	13.204	1887	1890	1892	rVV	726499	618063	21.00%	2.111%
34	13.233	1892	1895	1899	rVB	221072	196139	6.66%	0.670%

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Integration Parameters: rteint.p
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 >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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35	13.498	1937	1940	1944	rBV	839031	738563	25.10%	2.523%
36	13.586	1953	1955	1958	rBV	43200	41574	1.41%	0.142%
37	13.821	1991	1995	1999	rBV2	130023	141080	4.79%	0.482%
38	13.986	2016	2023	2025	rBV	825810	875566	29.75%	2.991%
39	14.010	2025	2027	2033	rVB	85983	80269	2.73%	0.274%
40	15.021	2196	2199	2203	rBV	77412	119412	4.06%	0.408%
41	15.451	2268	2272	2281	rVB	534357	669780	22.76%	2.288%

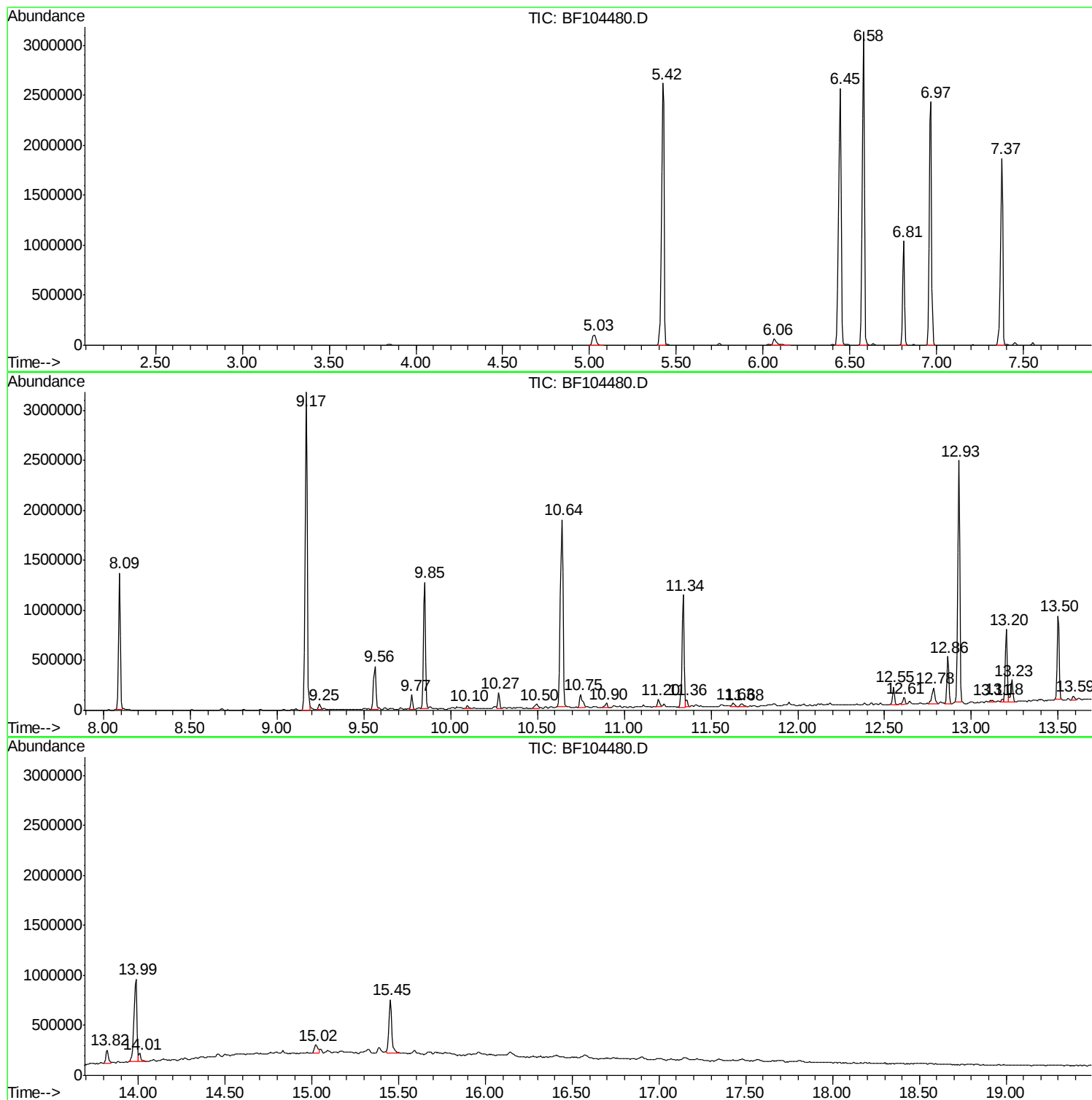
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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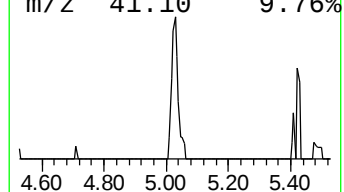
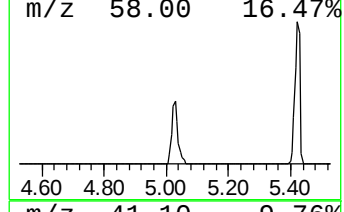
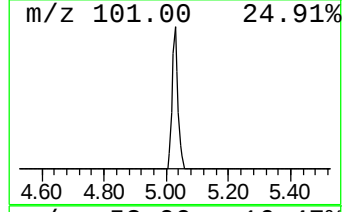
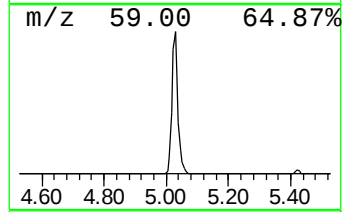
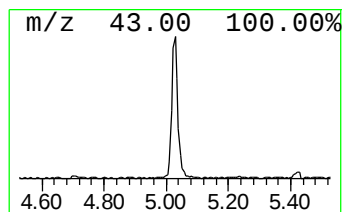
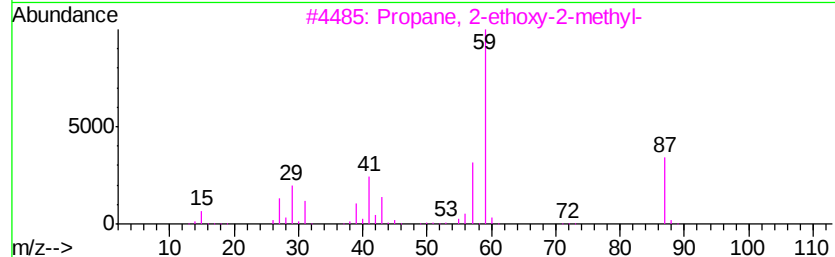
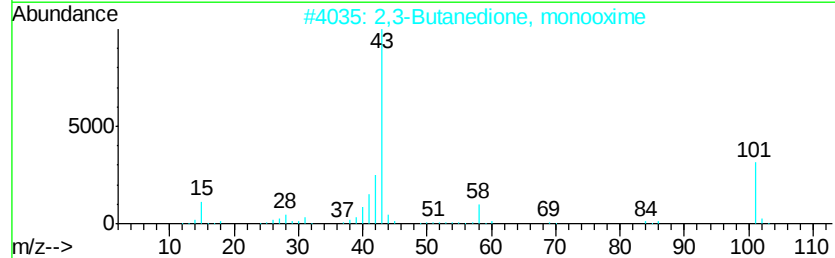
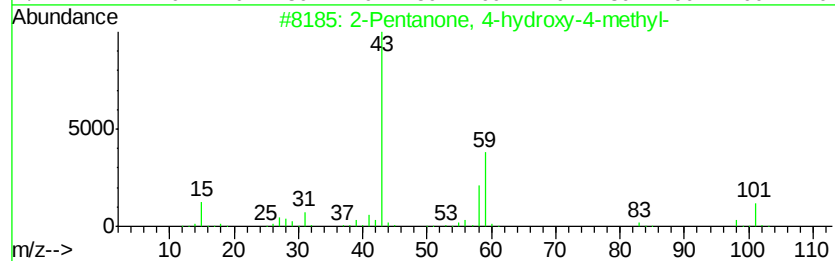
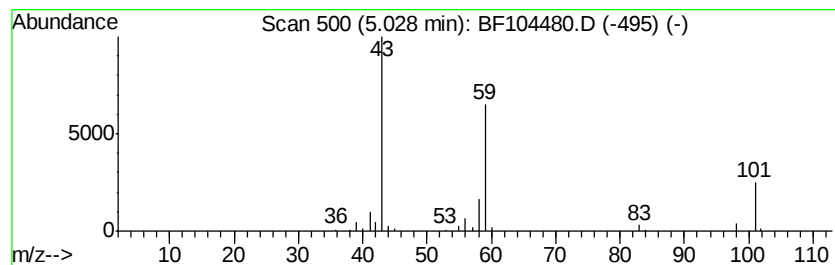
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	3.42 ng	140480	1,4-Dichlorobenzene-d4	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3			Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
4			Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	17
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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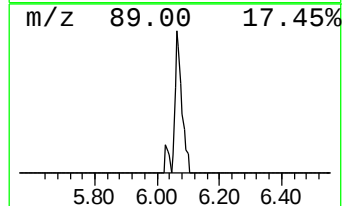
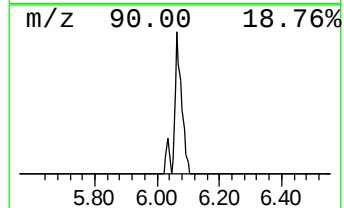
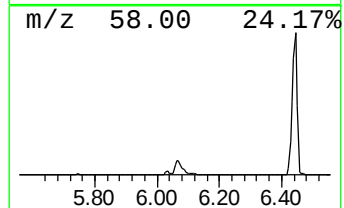
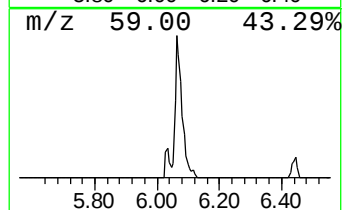
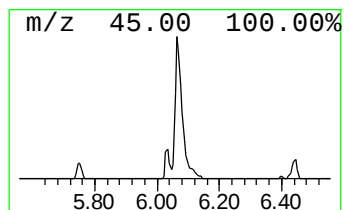
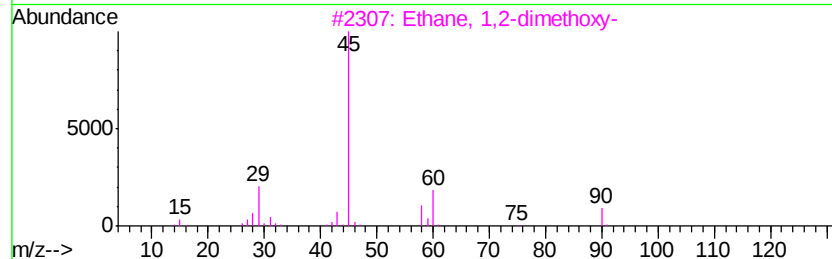
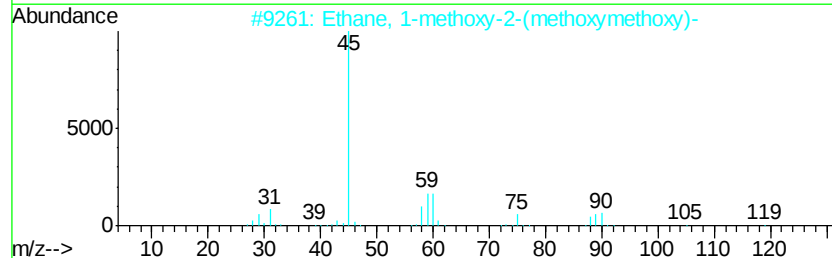
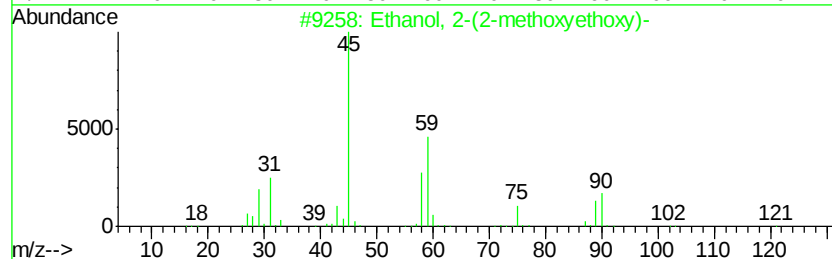
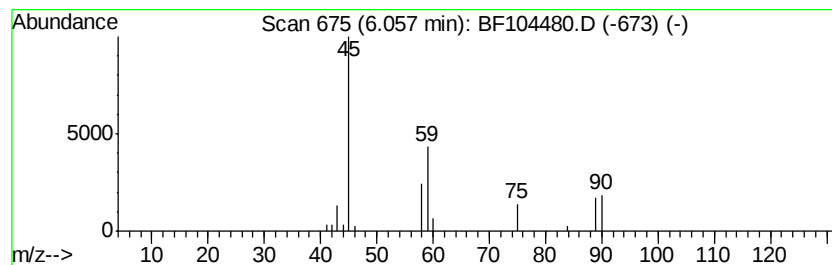
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.06	2.47 ng	101446	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	83
2		Ethane, 1-methoxy-2-(methoxymeth...	120	C5H12O3	074498-88-7	72
3		Ethane, 1,2-dimethoxy-	90	C4H10O2	000110-71-4	50
4		Hydrazinecarboxylic acid, methyl...	90	C2H6N2O2	006294-89-9	39
5		Triethylene glycol	150	C6H14O4	000112-27-6	38



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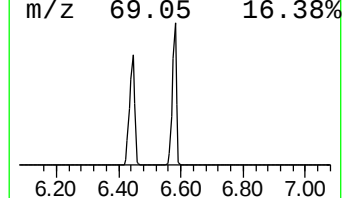
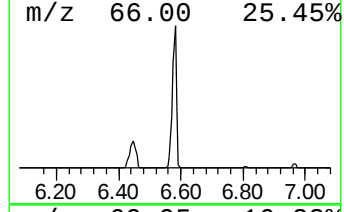
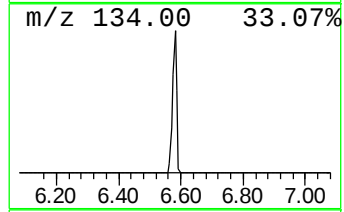
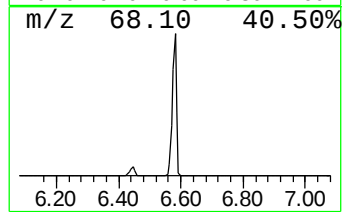
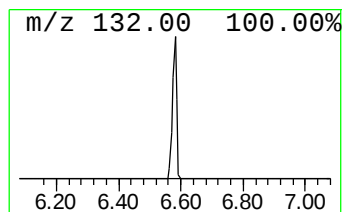
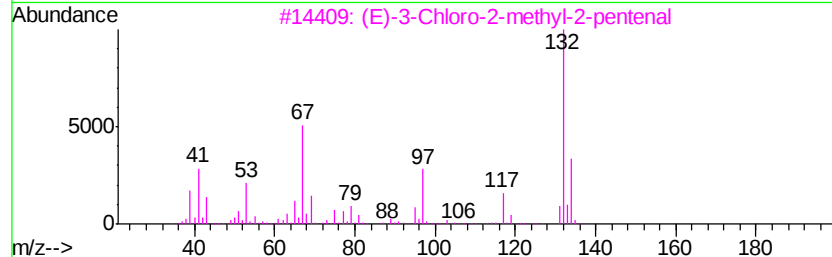
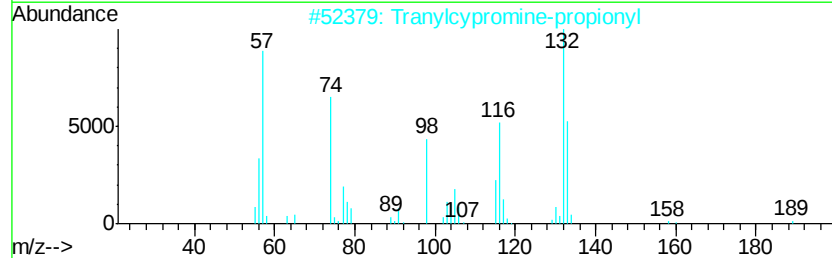
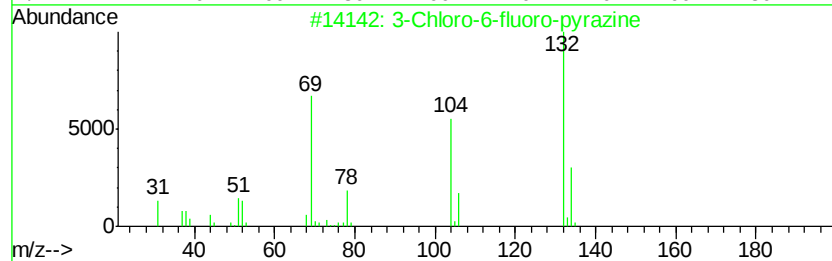
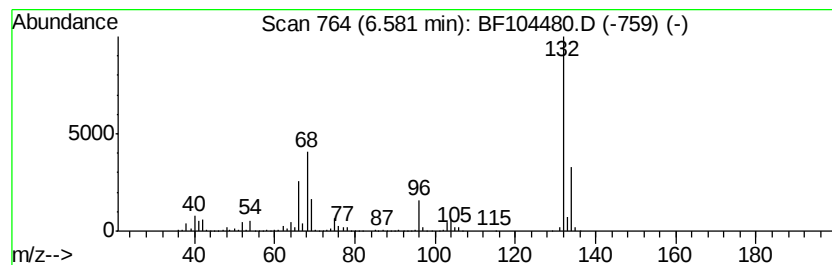
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	71.57 ng	2942870	1,4-Dichlorobenzene-d4	6.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4			1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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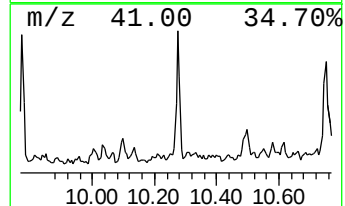
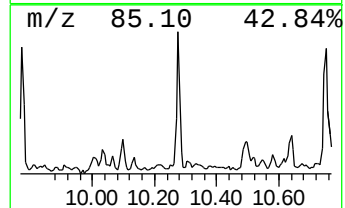
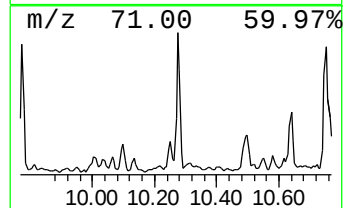
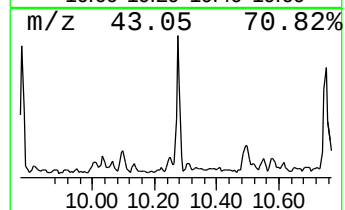
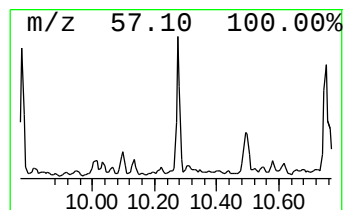
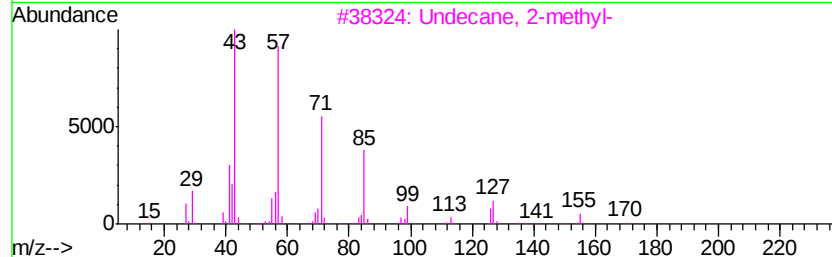
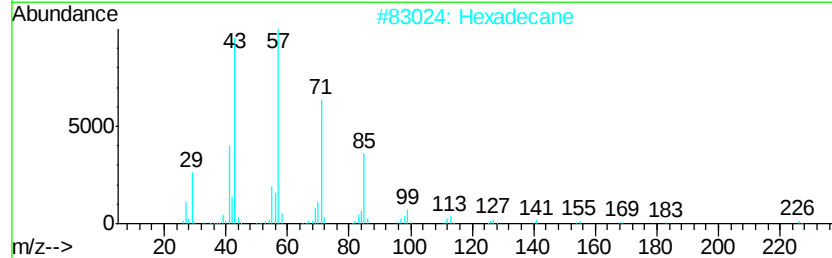
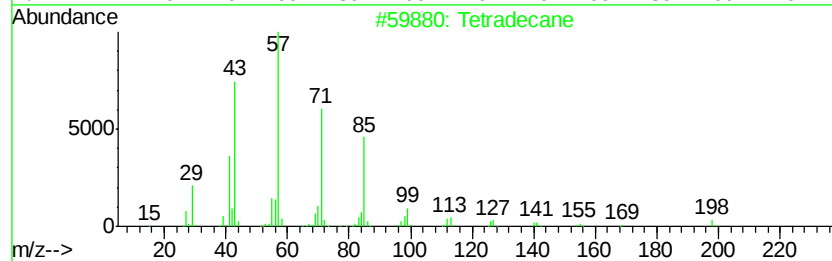
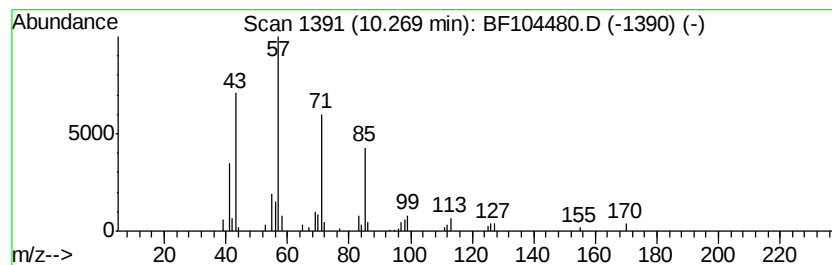
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.27	2.13 ng	119015	Acenaphthene-d10		9.85
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	86
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
4	Heptadecane	240	C17H36	000629-78-7	72
5	Tridecane	184	C13H28	000629-50-5	72



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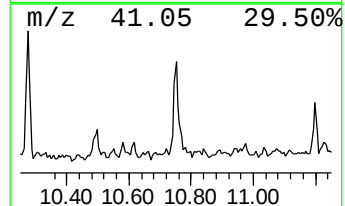
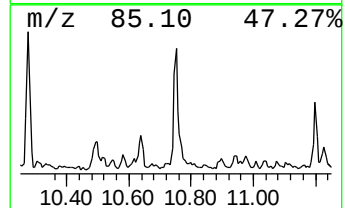
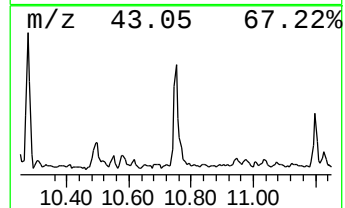
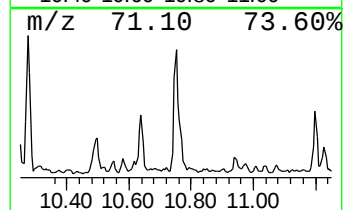
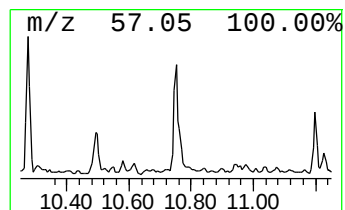
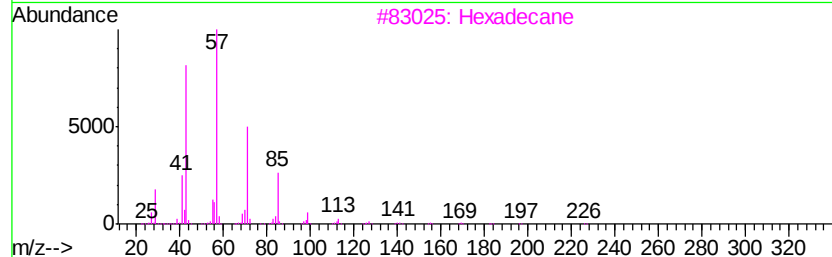
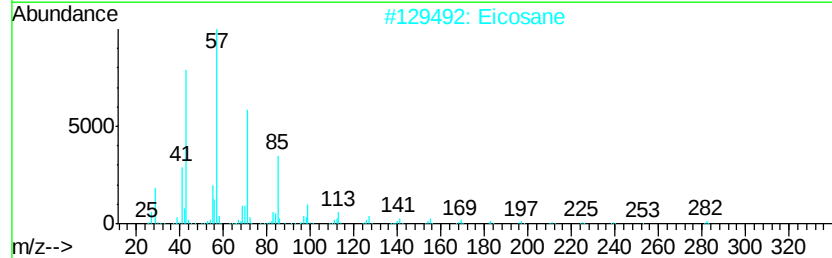
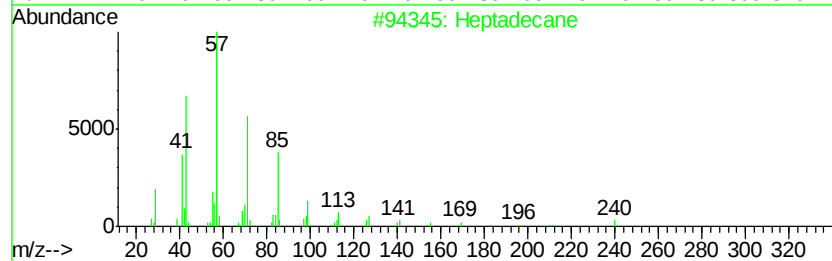
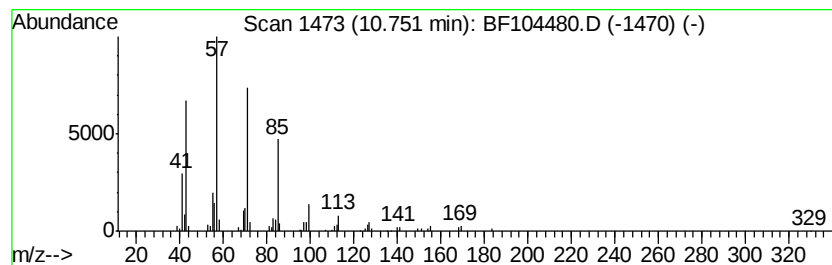
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.84 ng	138387	Phenanthrene-d10	11.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Eicosane		282	C20H42	000112-95-8	91
3	Hexadecane		226	C16H34	000544-76-3	90
4	Sulfurous acid, 2-propyl tetra...		320	C17H36O3S	1000309-12-5	90
5	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104480.D
Acq On : 13 Apr 2018 16:01
Operator : JU/SJ
Sample : J2364-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-B

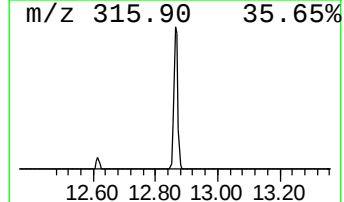
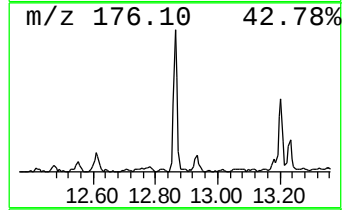
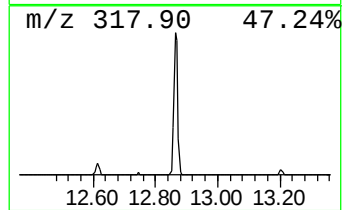
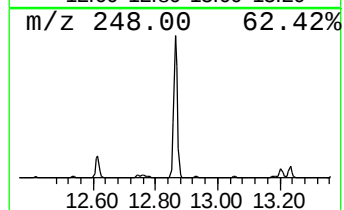
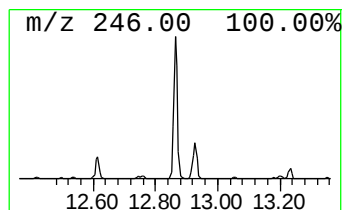
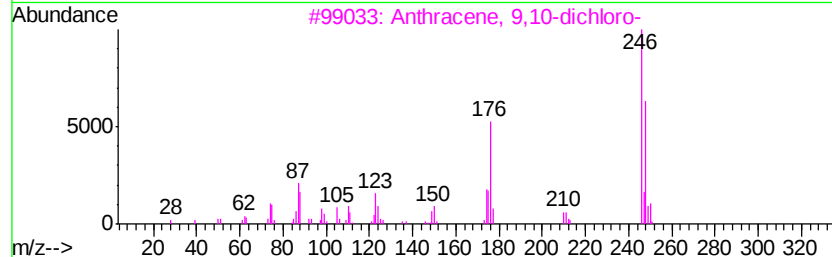
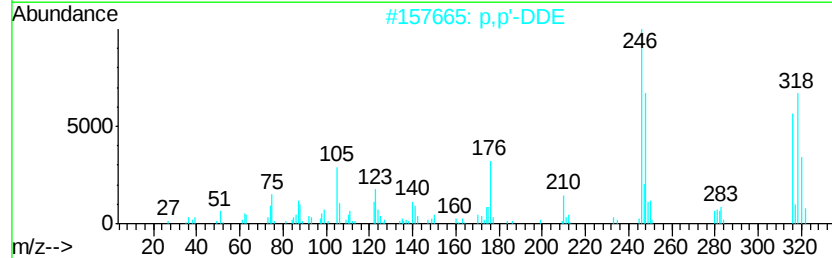
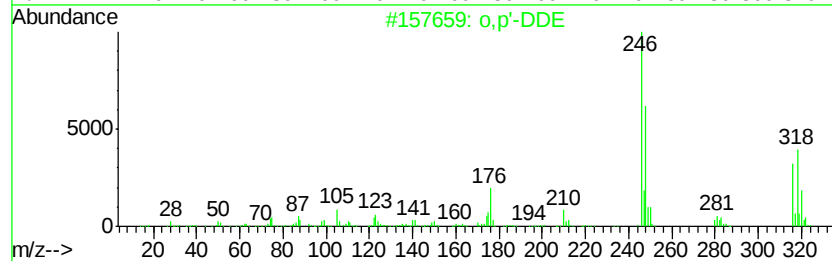
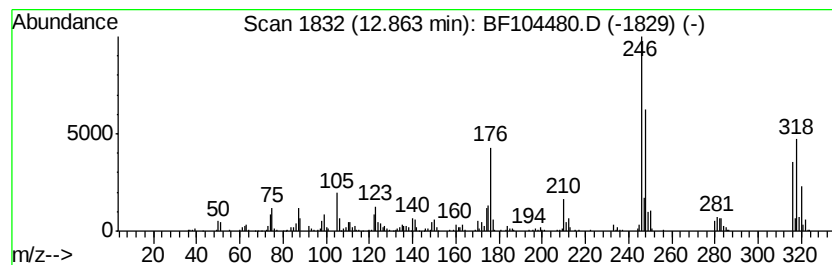
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 o,p'-DDE Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	9.24 ng	404424	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o,p'-DDE	316	C14H8Cl4	003424-82-6	99
2		p,p'-DDE	316	C14H8Cl4	000072-55-9	99
3		Anthracene, 9,10-dichloro-	246	C14H8Cl2	000605-48-1	98
4		Benzene, 1,1'-(1,2-dichloro-1,2-...	316	C14H8Cl4	088970-69-8	94
5		Ethene, 1-chloro-1,2-bis(4-chlor...	282	C14H9Cl3	076905-73-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041318\
Data File : BF104480.D
Acq On : 13 Apr 2018 16:01
Operator : JU/SJ
Sample : J2364-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-B

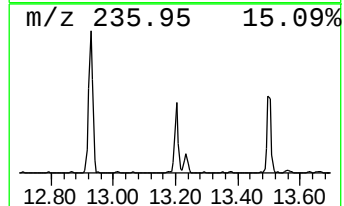
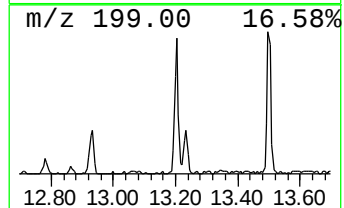
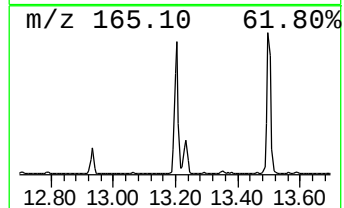
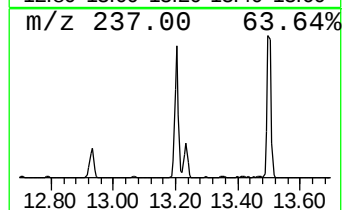
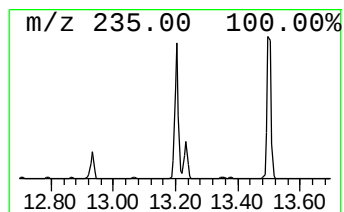
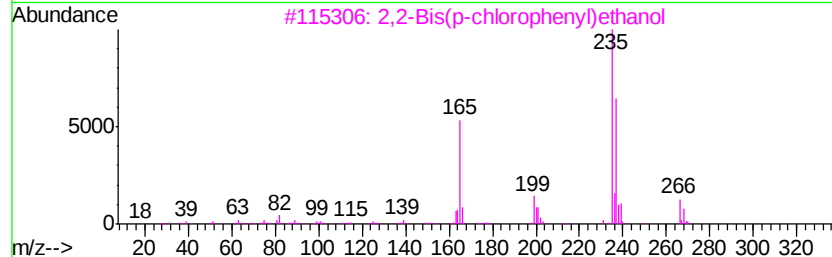
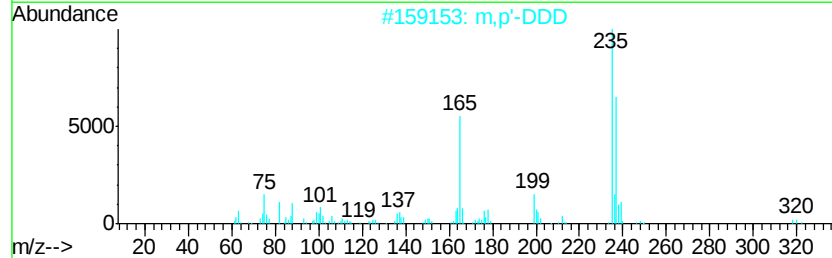
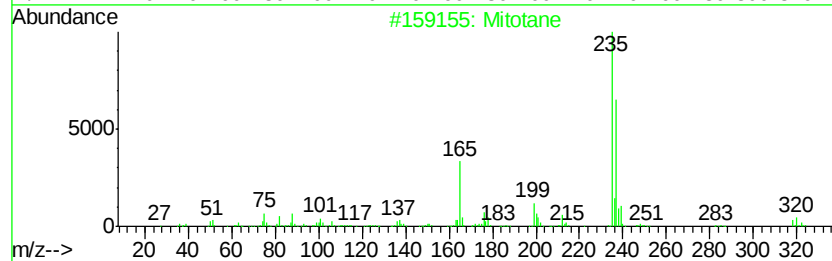
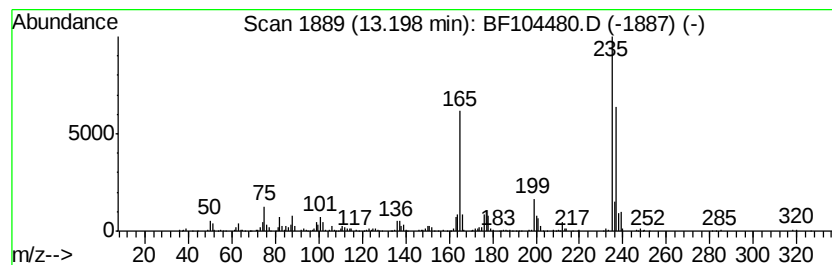
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Mitotane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	14.12 ng	618063	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mitotane	318	C14H10Cl4	000053-19-0	98
2		m,p'-DDD	318	C14H10Cl4	004329-12-8	92
3		2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	90
4		1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	86
5		3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041318\
Data File : BF104480.D
Acq On : 13 Apr 2018 16:01
Operator : JU/SJ
Sample : J2364-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-B

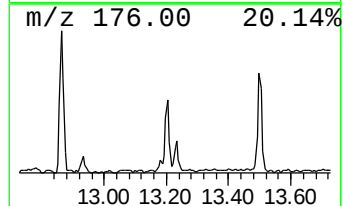
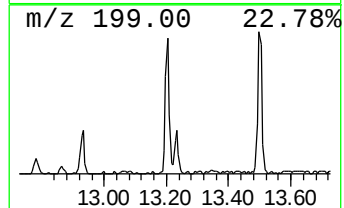
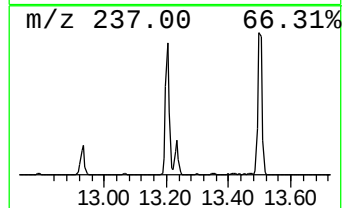
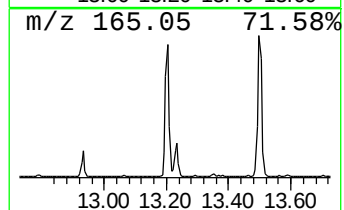
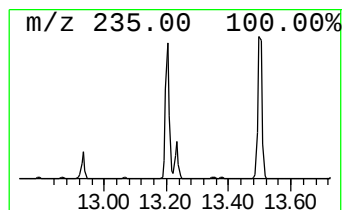
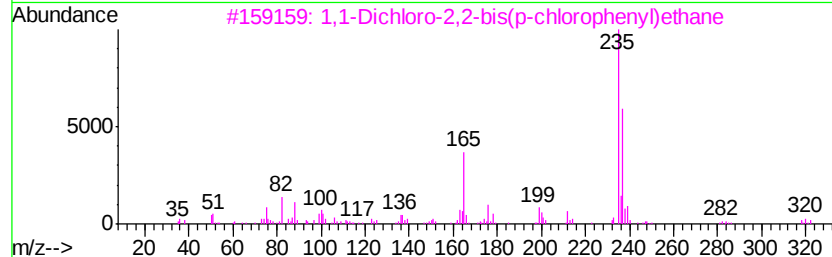
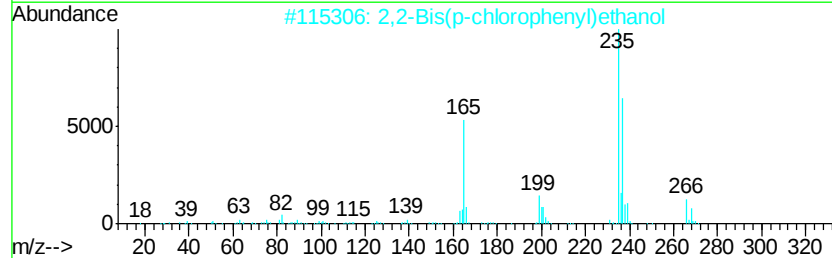
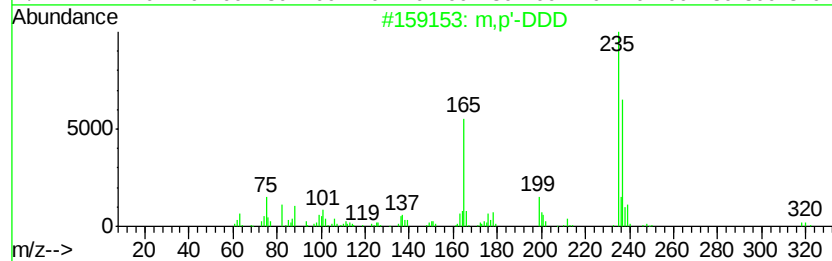
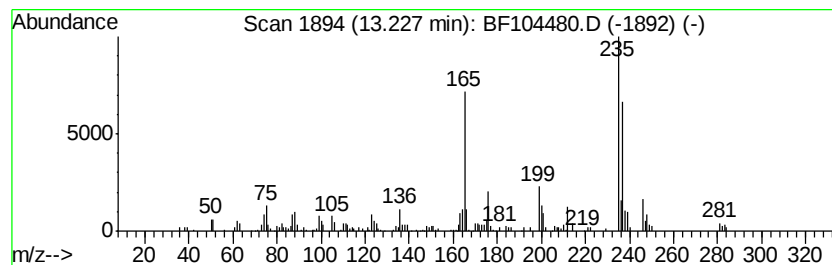
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 m,p'-DDD Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	4.48 ng	196139	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	m,p'-DDD	318	C14H10Cl4	004329-12-8	87
2		2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	83
3		1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	80
4		1-Chloro-2,2-Bis(p-chlorophenyl)...	284	C14H11Cl3	002642-80-0	72
5		3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041318\
Data File : BF104480.D
Acq On : 13 Apr 2018 16:01
Operator : JU/SJ
Sample : J2364-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-B

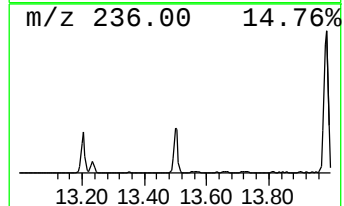
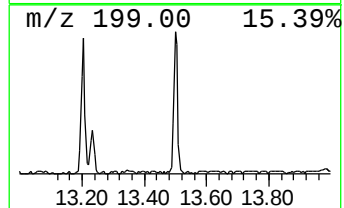
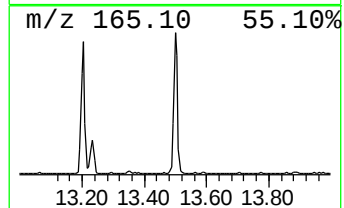
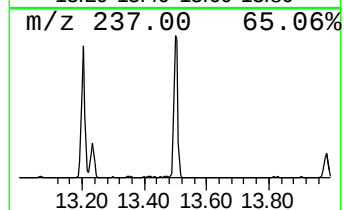
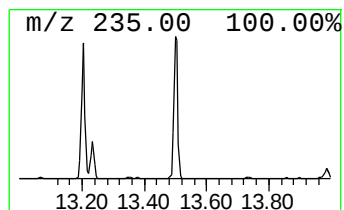
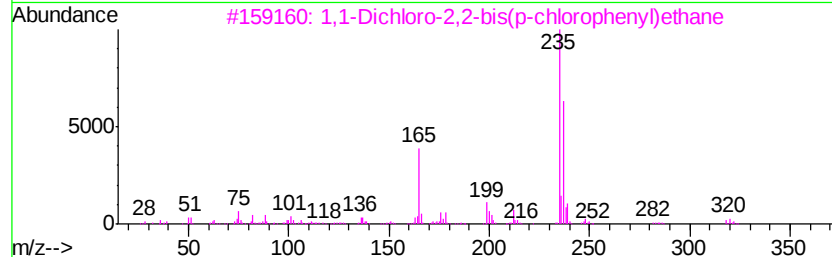
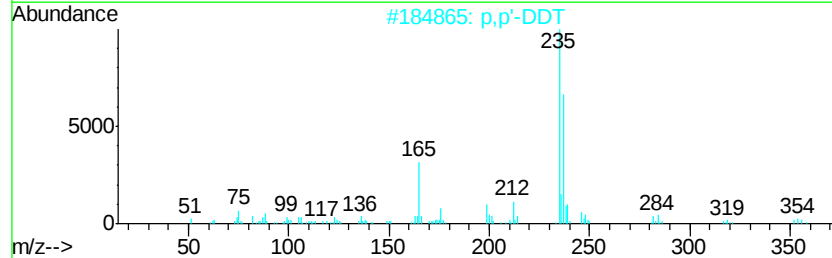
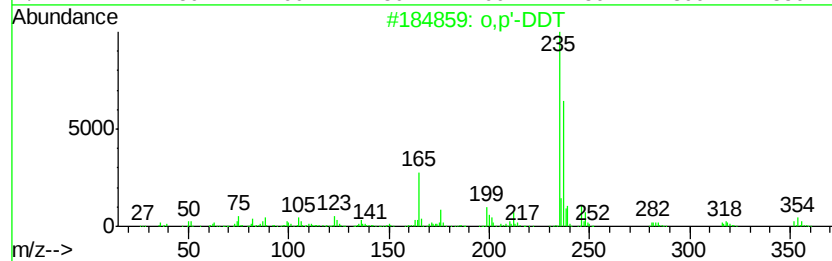
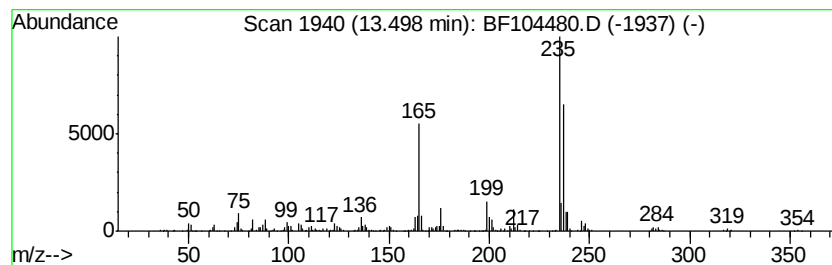
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 o,p'-DDT Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	16.87 ng	738563	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o,p'-DDT	352	C14H9Cl5	000789-02-6	94
2		p,p'-DDT	352	C14H9Cl5	000050-29-3	93
3		1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	91
4		m,p'-DDD	318	C14H10Cl4	004329-12-8	86
5		Mitotane	318	C14H10Cl4	000053-19-0	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041318\
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Acq On : 13 Apr 2018 16:01
Operator : JU/SJ
Sample : J2364-05
Misc :
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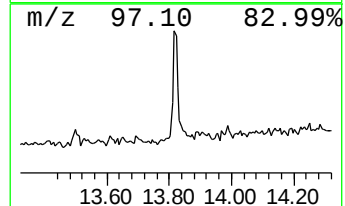
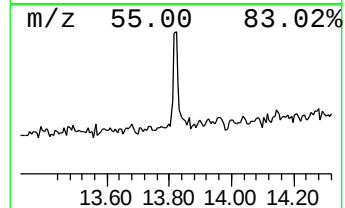
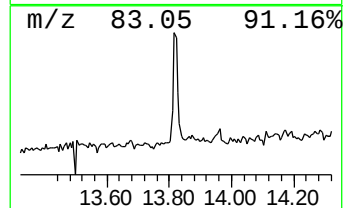
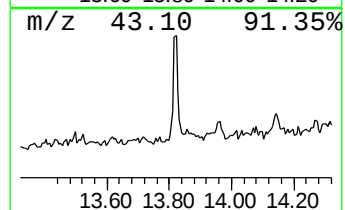
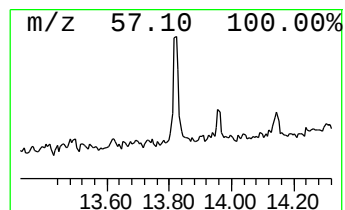
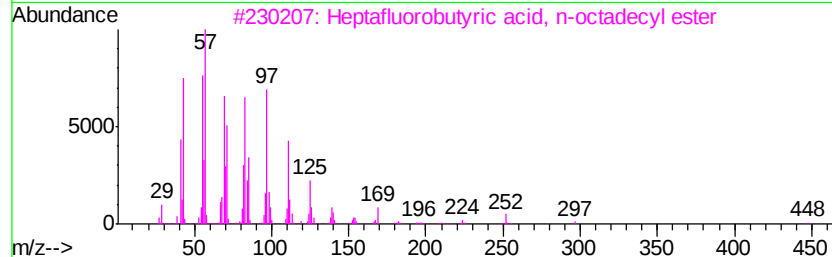
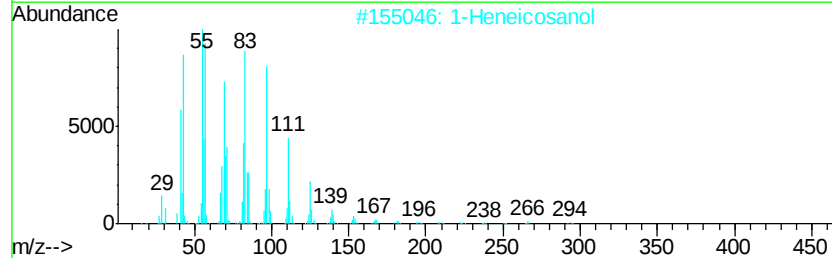
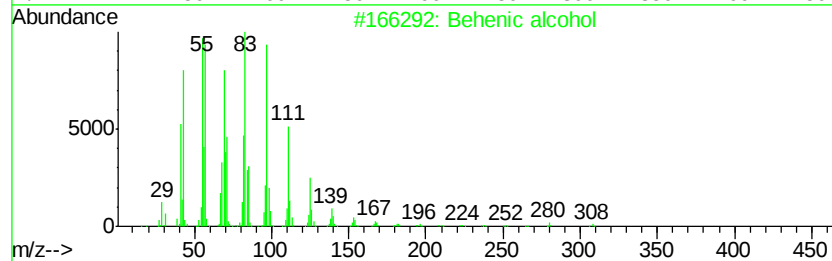
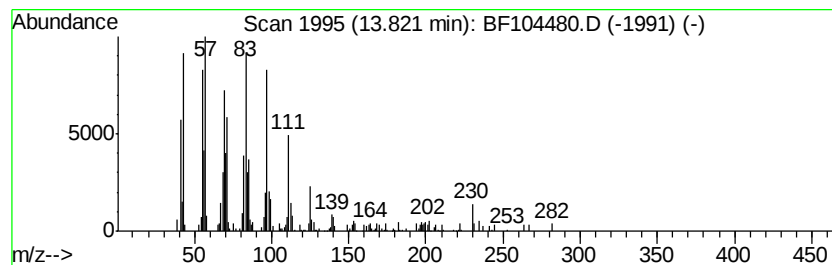
Instrument :
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ClientSampleId :
SP-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Behenic alcohol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.82	3.22 ng	141080	Chrysene-d12	13.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	95
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041318\
Data File : BF104480.D
Acq On : 13 Apr 2018 16:01
Operator : JU/SJ
Sample : J2364-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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...	5.03	3.4	ng	140480	1	6.81	822400	20.0
Ethanol, 2-(2-met...	6.06	2.5	ng	101446	1	6.81	822400	20.0
unknown6.58	6.58	71.6	ng	2942870	1	6.81	822400	20.0
Tetradecane	10.27	2.1	ng	119015	3	9.85	1115470	20.0
Heptadecane	10.75	2.8	ng	138387	4	11.34	975170	20.0
o,p'-DDE	12.86	9.2	ng	404424	5	13.99	875566	20.0
Mitotane	13.20	14.1	ng	618063	5	13.99	875566	20.0
m,p'-DDD	13.23	4.5	ng	196139	5	13.99	875566	20.0
o,p'-DDT	13.50	16.9	ng	738563	5	13.99	875566	20.0
Behenic alcohol	13.82	3.2	ng	141080	5	13.99	875566	20.0