

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102165.D
 Acq On : 17 Jan 2018 22:07
 Operator : SJ/JU
 Sample : J1167-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-2

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-BF010918.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	4.916	476	481	489	rVB	106480	140232	4.08%	0.455%
2	5.328	546	551	554	rBV	2283918	2032775	59.20%	6.598%
3	6.351	720	725	728	rBV	2016337	1958639	57.04%	6.357%
4	6.486	744	748	751	rBV	2454029	2076546	60.47%	6.740%
5	6.722	784	788	791	rBV	973783	853340	24.85%	2.770%
6	6.786	794	799	810	rBV	53731	110502	3.22%	0.359%
7	6.875	810	814	817	rVV	2129132	1671911	48.69%	5.426%
8	7.280	879	883	886	rBV	1337310	1241889	36.17%	4.031%
9	8.004	1001	1006	1009	rBV	1194406	1082095	31.51%	3.512%
10	8.557	1097	1100	1103	rBV	87012	69345	2.02%	0.225%
11	9.080	1184	1189	1192	rBV	2897088	2490179	72.52%	8.082%
12	9.422	1243	1247	1251	rBV	290907	274264	7.99%	0.890%
13	9.474	1251	1256	1259	rBV2	215388	269259	7.84%	0.874%
14	9.510	1259	1262	1264	rVV4	43409	52327	1.52%	0.170%
15	9.622	1278	1281	1284	rBV4	75120	117968	3.44%	0.383%
16	9.663	1285	1288	1291	rVV3	166729	153293	4.46%	0.498%
17	9.686	1291	1292	1296	rVV3	70699	79984	2.33%	0.260%
18	9.757	1297	1304	1307	rVV	1120106	1176048	34.25%	3.817%
19	10.010	1345	1347	1350	rBV2	89147	102204	2.98%	0.332%
20	10.157	1370	1372	1375	rBV3	150679	136003	3.96%	0.441%
21	10.186	1375	1377	1379	rBV	95878	90341	2.63%	0.293%
22	10.469	1422	1425	1427	rVB	298725	253852	7.39%	0.824%
23	10.539	1433	1437	1441	rBV	1169248	1241814	36.16%	4.030%
24	10.674	1455	1460	1465	rBV3	302358	541692	15.78%	1.758%
25	10.986	1511	1513	1516	rBV3	206928	220927	6.43%	0.717%
26	11.110	1532	1534	1536	rBV	212955	188371	5.49%	0.611%
27	11.139	1536	1539	1546	rVB	439284	592438	17.25%	1.923%
28	11.239	1553	1556	1559	rBV	784015	704199	20.51%	2.286%
29	11.539	1605	1607	1612	rBV2	254283	349047	10.16%	1.133%
30	11.704	1632	1635	1640	rBV2	465525	758177	22.08%	2.461%
31	11.804	1649	1652	1655	rBV	821513	722391	21.04%	2.345%
32	11.833	1655	1657	1662	rBV2	559110	796216	23.19%	2.584%
33	11.951	1674	1677	1679	rBV	681581	684820	19.94%	2.223%
34	12.098	1700	1702	1705	rBV2	605162	826134	24.06%	2.681%

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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-BF010918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.227	1722	1724	1728	rBV	612636	688753	20.06%	2.235%
36	12.339	1741	1743	1746	rBV	584921	583112	16.98%	1.893%
37	12.480	1764	1767	1770	rBV	908283	1277878	37.21%	4.148%
38	12.710	1804	1806	1809	rBV	625608	767963	22.36%	2.493%
39	12.833	1823	1827	1833	rBV2	1840803	3433838	100.00%	11.145%

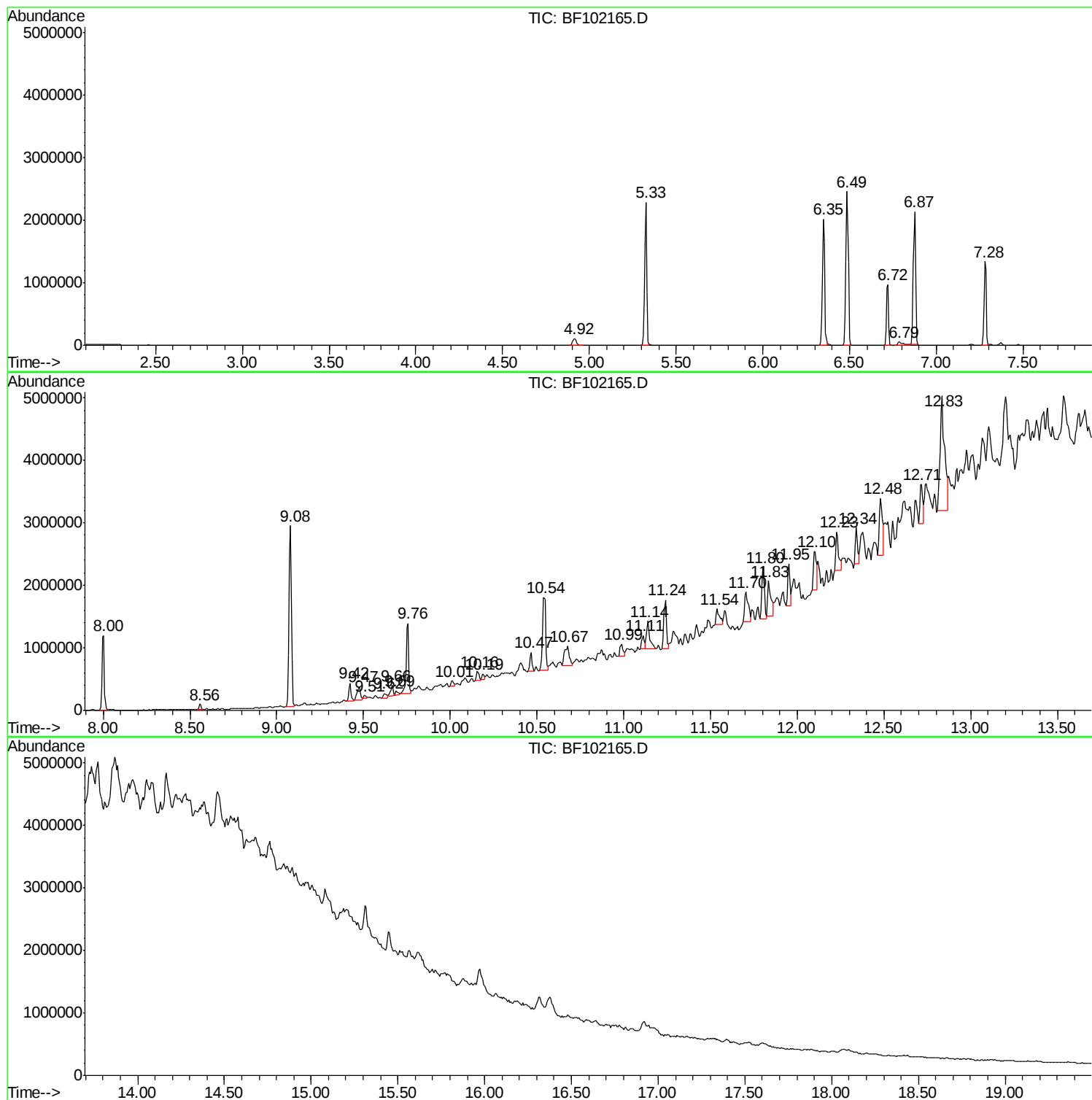
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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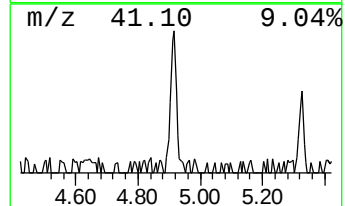
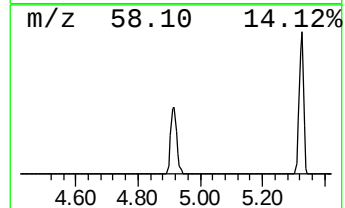
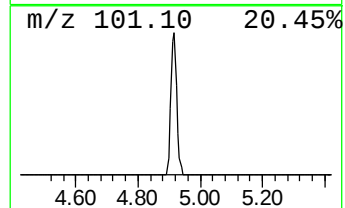
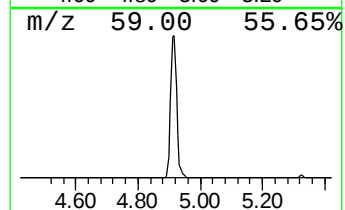
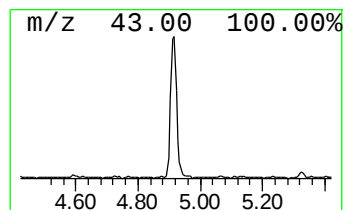
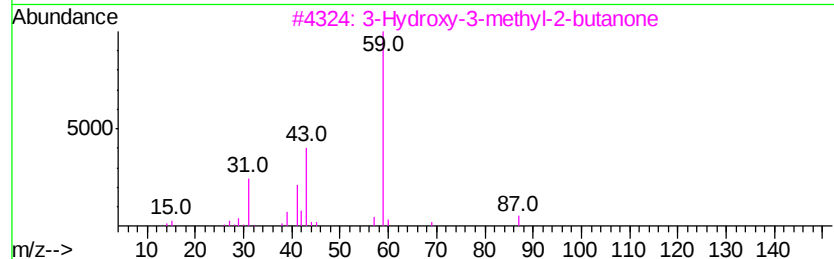
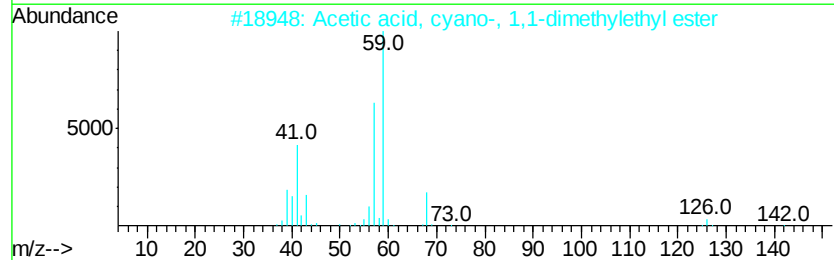
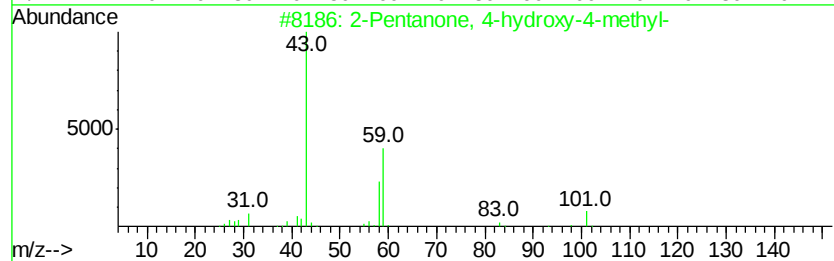
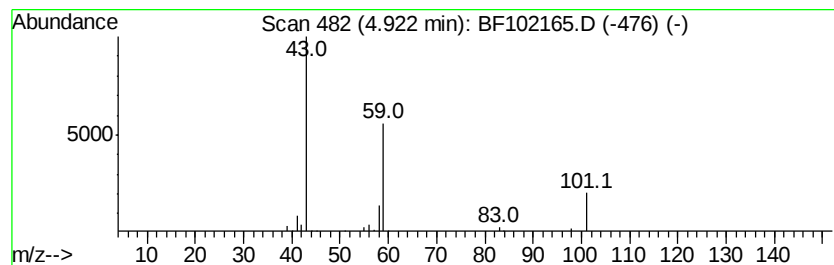
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	3.29 ng	140232	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	17
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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Instrument :
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ClientSampleId :
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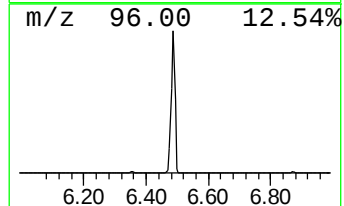
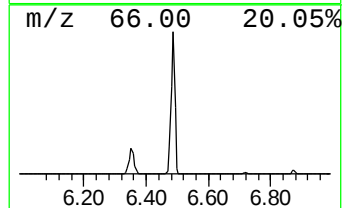
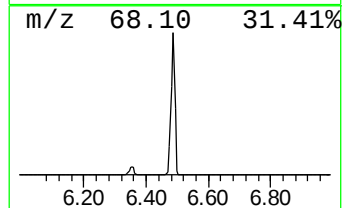
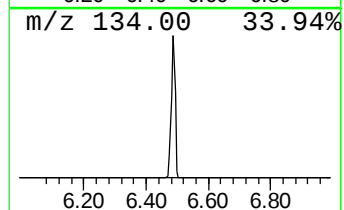
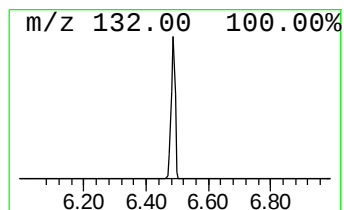
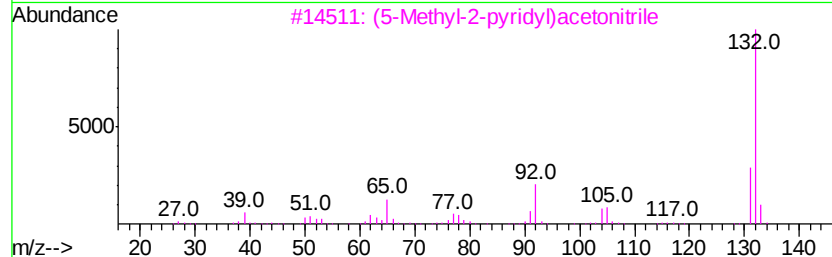
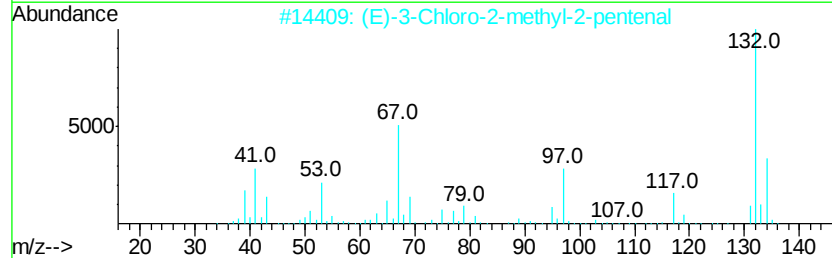
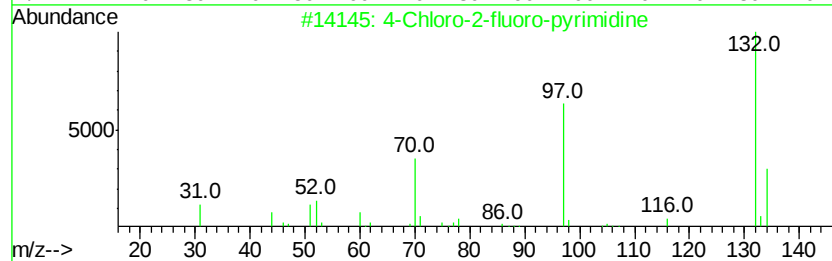
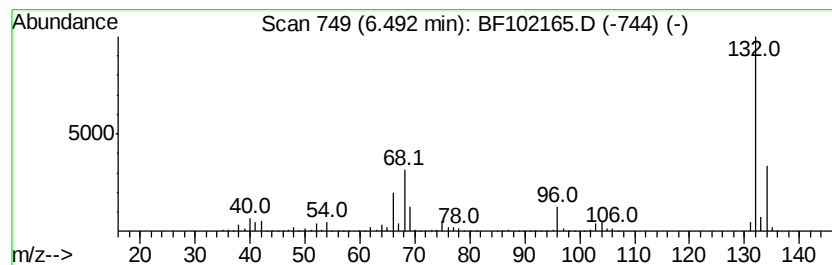
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	48.67 ng	2076550	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
3		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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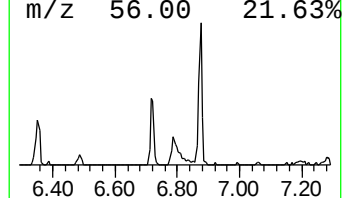
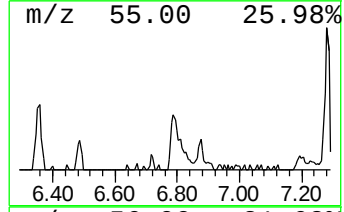
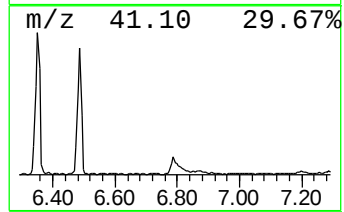
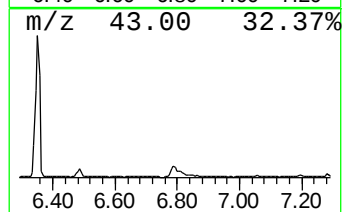
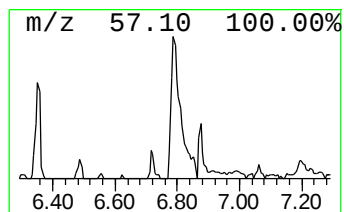
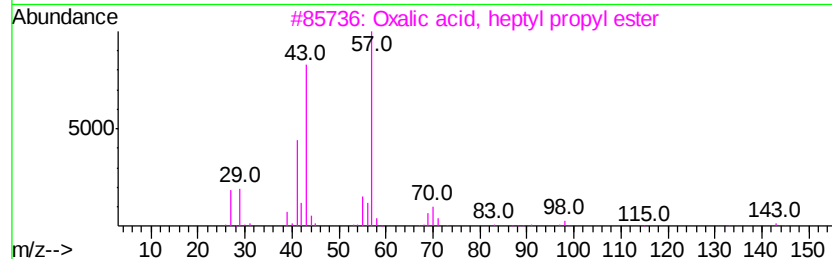
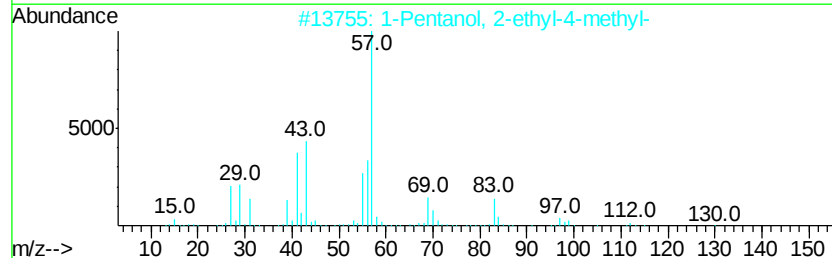
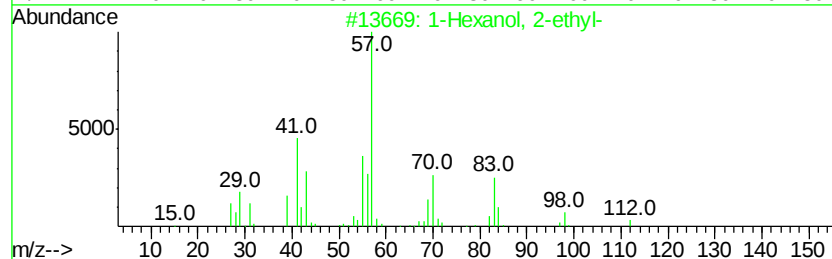
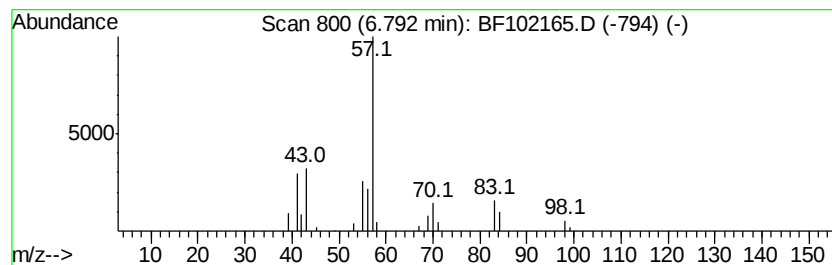
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	2.59 ng	110502	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
2		1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	53
3		Oxalic acid, heptyl propyl ester	230	C12H22O4	1000309-26-0	40
4		1-Hexene, 4-methyl-	98	C7H14	003769-23-1	38
5		Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	37



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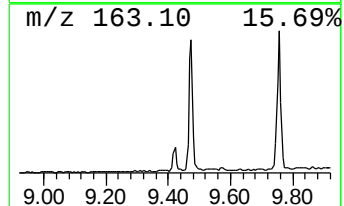
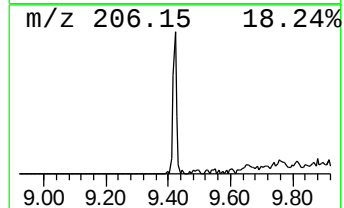
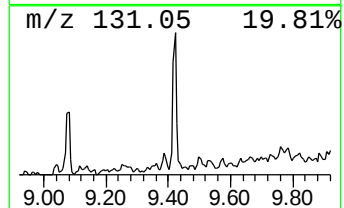
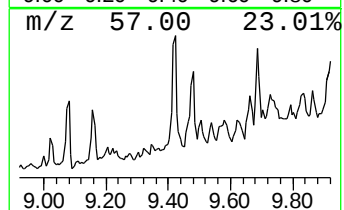
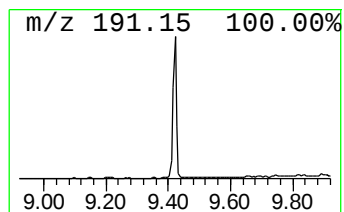
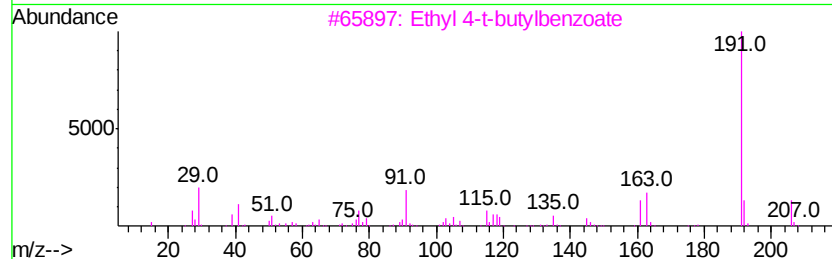
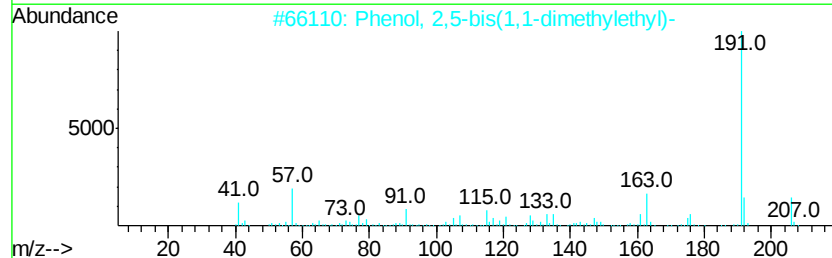
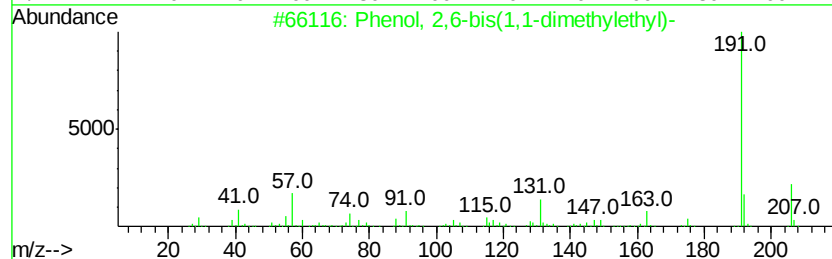
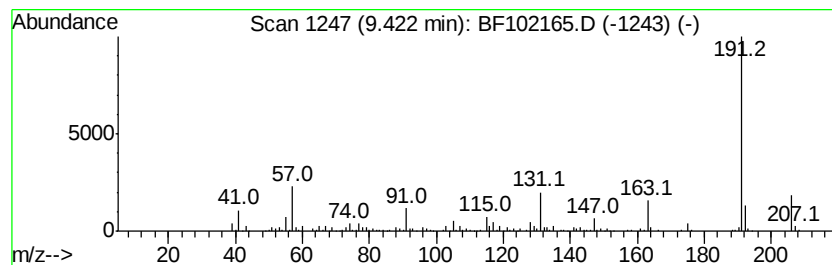
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	4.66 ng	274264	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	91
2		Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	81
3		Ethyl 4-t-butylbenzoate	206	C13H18O2	005406-57-5	68
4		Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	62
5		4'-Diethylaminoacetanilide	206	C12H18N2O	005326-57-8	58



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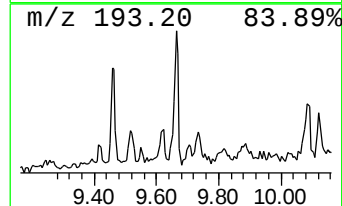
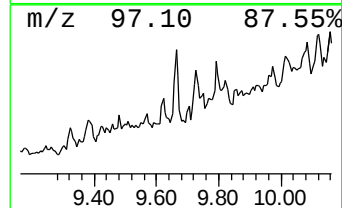
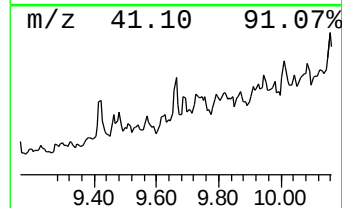
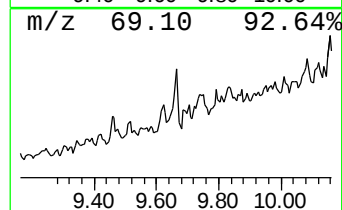
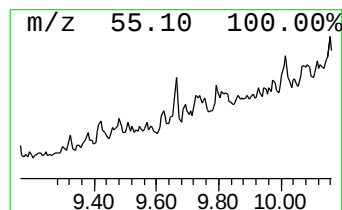
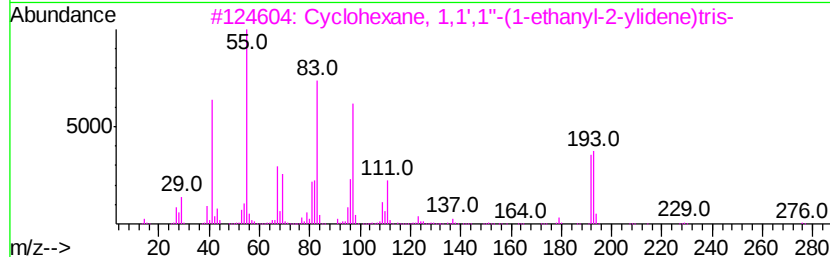
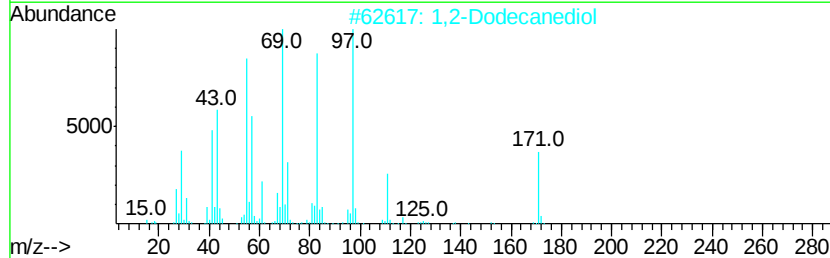
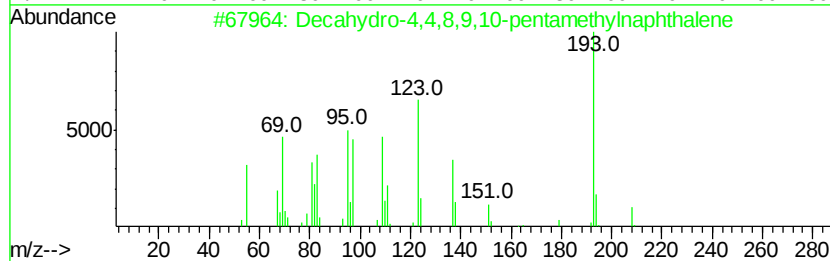
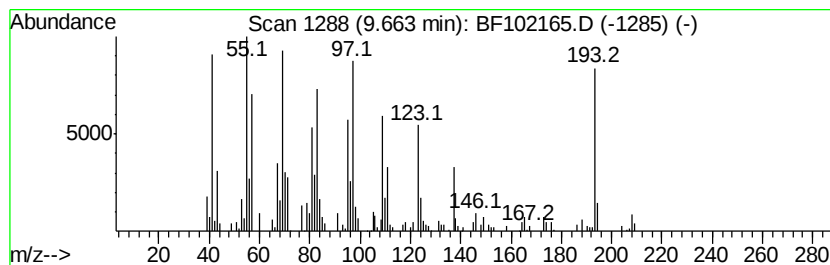
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown9.66 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	2.61 ng	153293	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	46
2		1,2-Dodecanediol	202	C12H26O2	001119-87-5	38
3		Cyclohexane, 1,1',1''-(1-ethanyl...	276	C20H36	055682-86-5	35
4		2-Anthracenamine	193	C14H11N	000613-13-8	30
5		Decane, 1,10-dibromo-	298	C10H20Br2	004101-68-2	27



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
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Operator : SJ/JU
Sample : J1167-05
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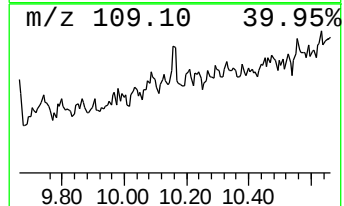
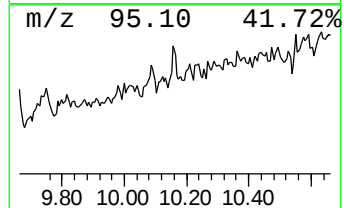
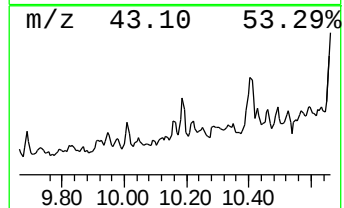
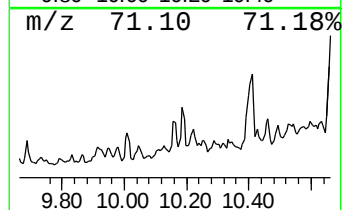
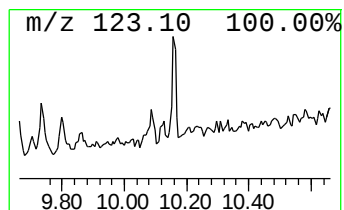
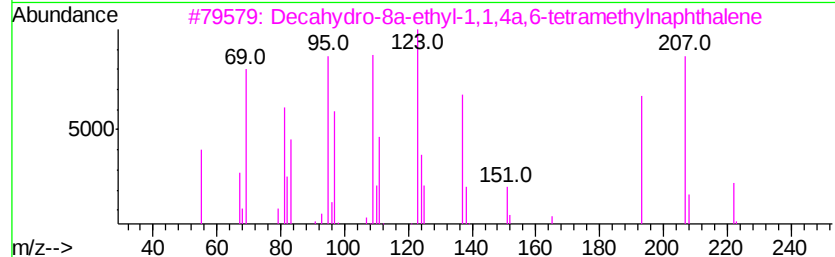
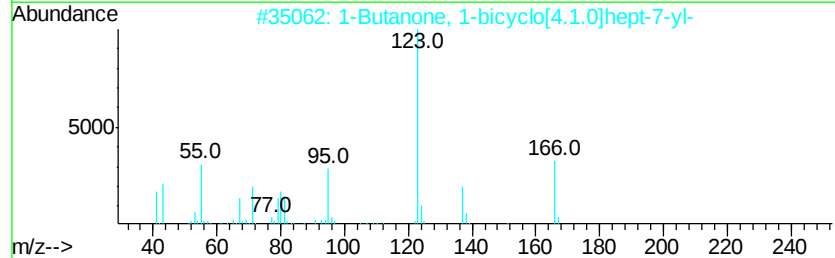
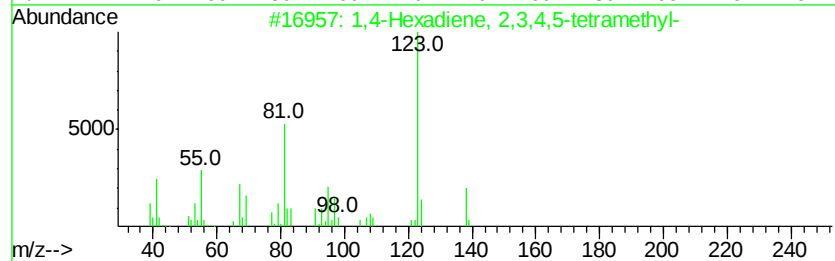
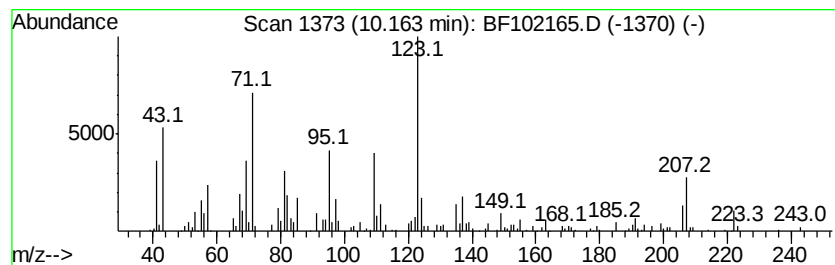
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1,4-Hexadiene, 2,3,4,5-tetr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	2.31 ng	136003	Acenaphthene-d10	9.76
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,4-Hexadiene, 2,3,4,5-tetramethyl-	138 C10H18	051504-54-2	55
2	1-Butanone, 1-bicyclo[4.1.0]hept...	166 C11H18O	054764-62-4	47
3	Decahydro-8a-ethyl-1,1,4a,6-tetr...	222 C16H30	1000100-23-6	38
4	4-Fluoro-N-(1H-tetrazol-5-yl)ben...	207 C8H6FN5O	1000306-76-6	38
5	3-Fluorobenzoic acid, 2-ethylcyc...	250 C15H19FO2	1000279-04-9	35



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102165.D
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Operator : SJ/JU
Sample : J1167-05
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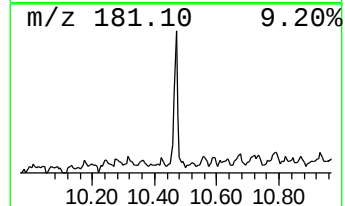
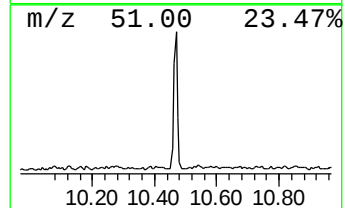
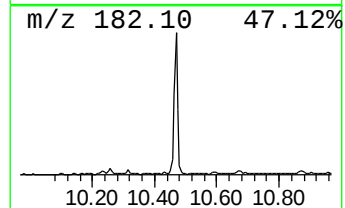
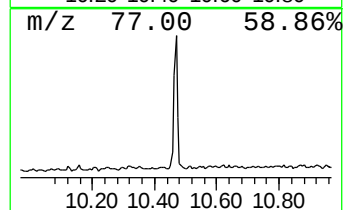
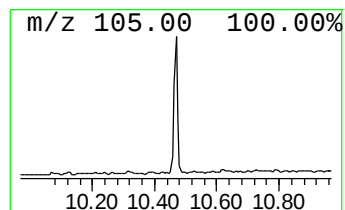
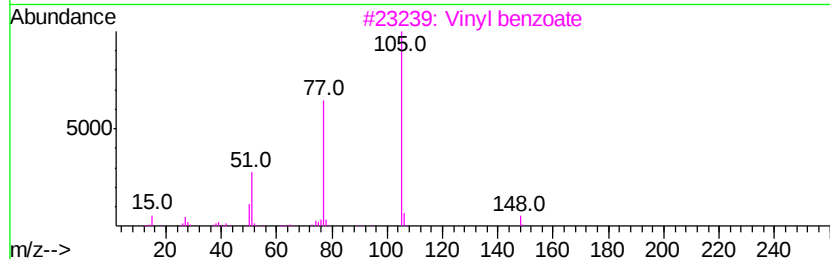
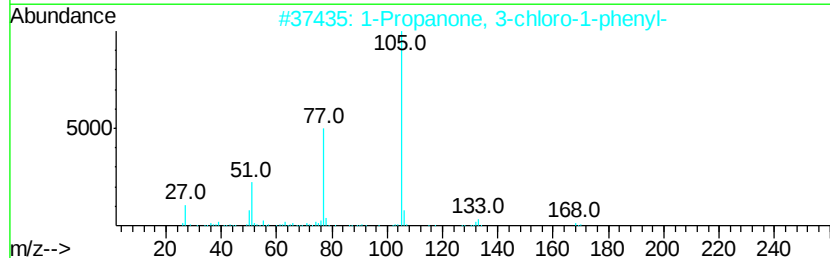
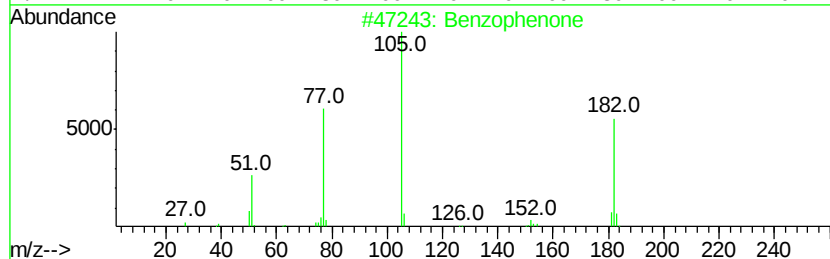
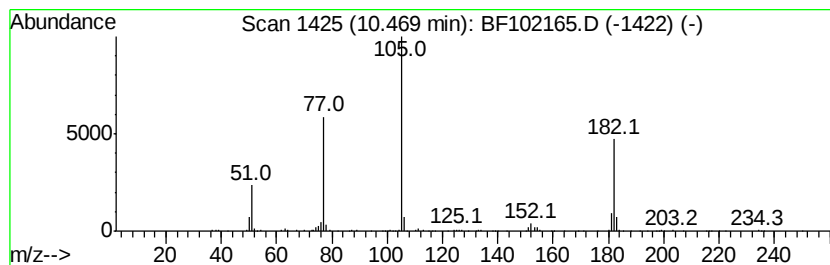
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	4.32 ng	253852	Acenaphthene-d10	9.76
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzophenone	182 C13H10O	000119-61-9 96
2		1-Propanone, 3-chloro-1-phenyl-	168 C9H9ClO	000936-59-4 47
3		Vinyl benzoate	148 C9H8O2	000769-78-8 47
4		Benzoyl isothiocyanate	163 C8H5NOS	000532-55-8 47
5		1-Propanone, 2-bromo-1-phenyl-	212 C9H9BrO	002114-00-3 47



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
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Sample : J1167-05
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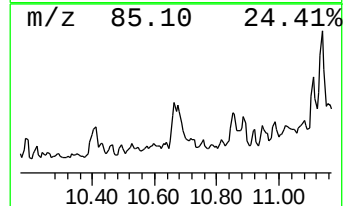
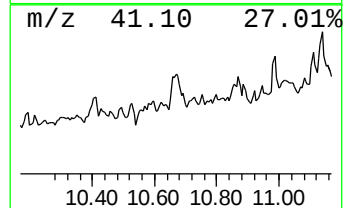
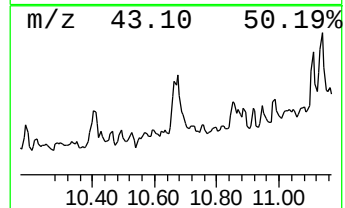
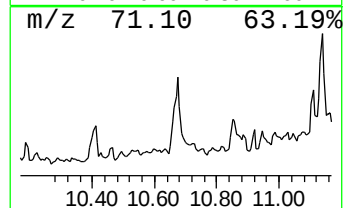
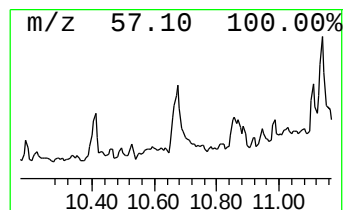
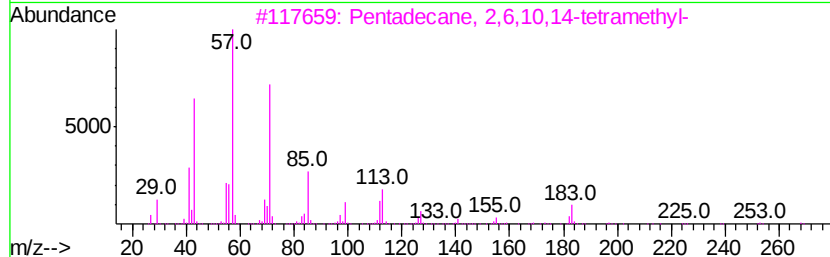
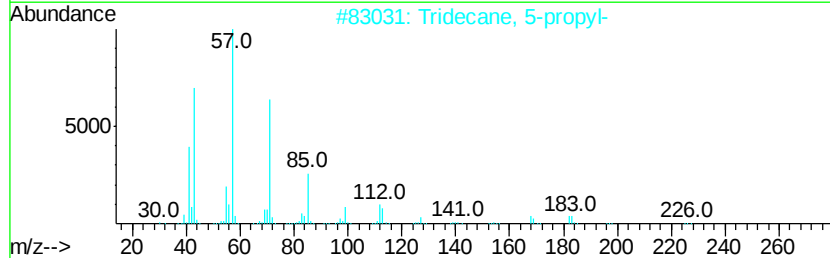
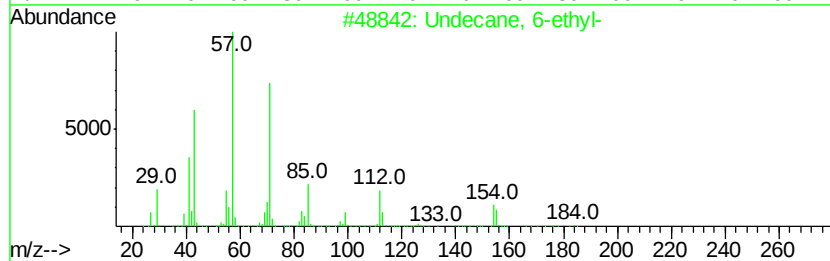
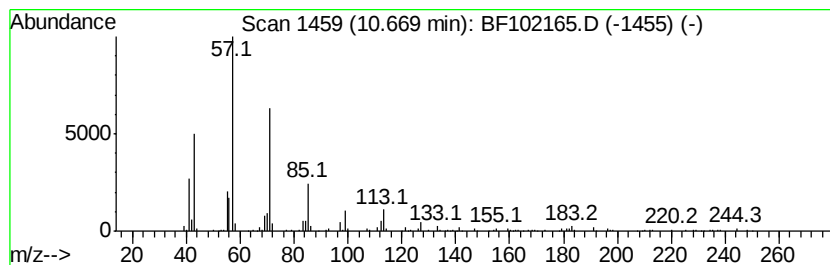
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecane, 6-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.		
10.67	15.38 ng	541692	Phenanthrene-d10		11.24		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 6-ethyl-	184	C13H28	017312-60-6	87
2			Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
4			Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
5			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
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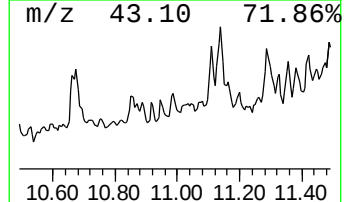
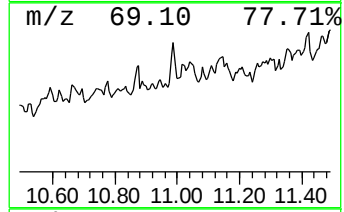
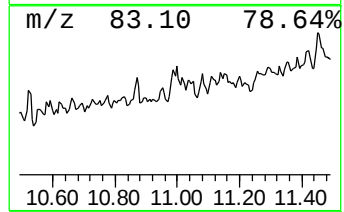
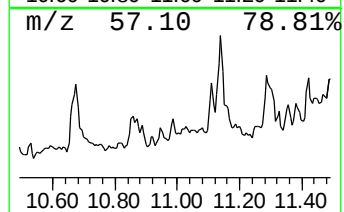
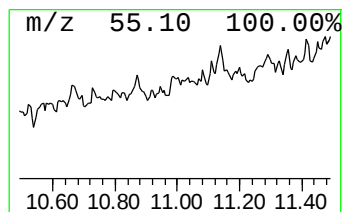
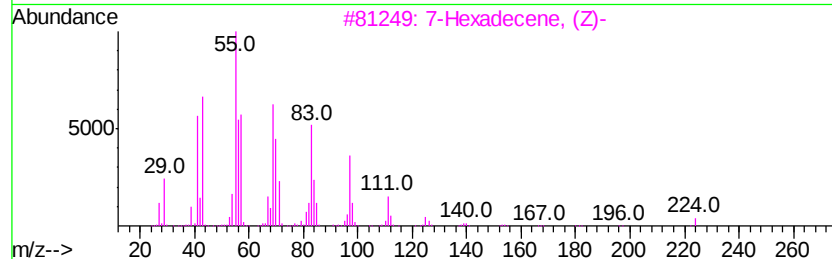
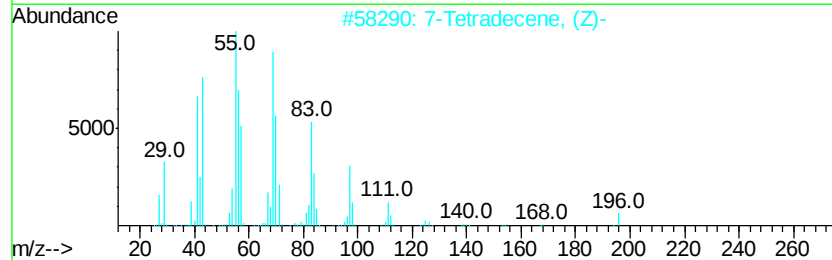
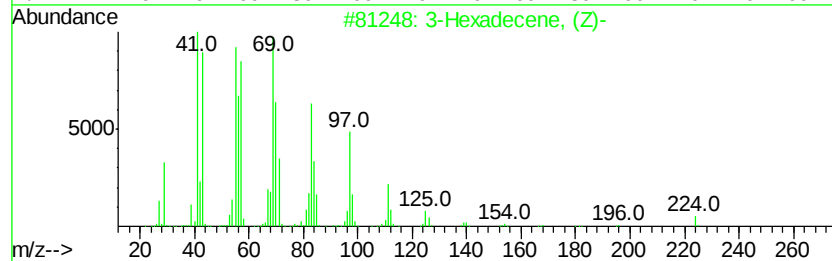
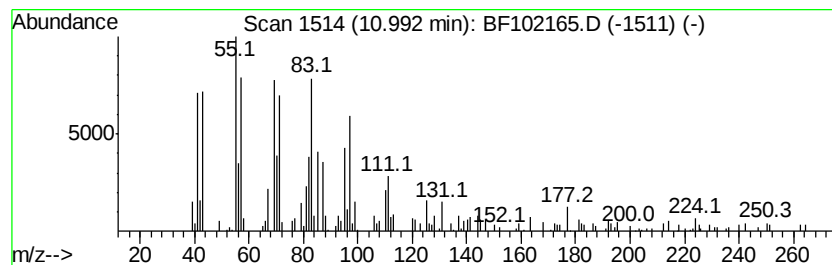
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 3-Hexadecene, (Z)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.99	6.27 ng	220927	Phenanthrene-d10	11.24		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Hexadecene, (Z)-	224	C16H32	034303-81-6	89
2		7-Tetradecene, (Z)-	196	C14H28	041446-60-0	70
3		7-Hexadecene, (Z)-	224	C16H32	035507-09-6	70
4		3-Tetradecene, (E)-	196	C14H28	041446-68-8	58
5		4-Trifluoroacetoxyhexadecane	338	C18H33F3O2	1000215-97-5	58



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
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Instrument :
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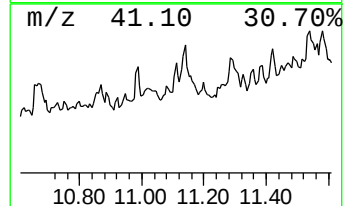
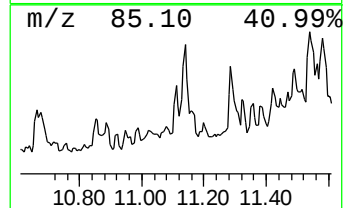
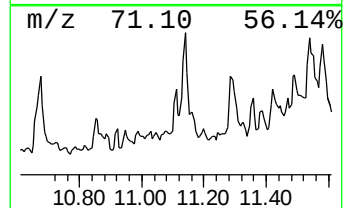
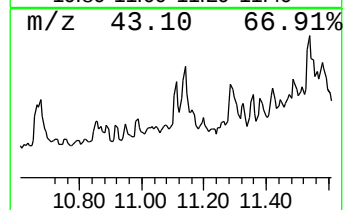
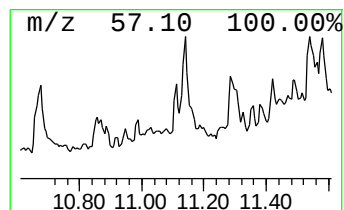
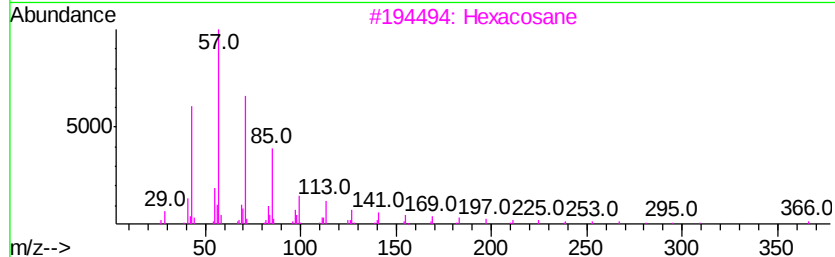
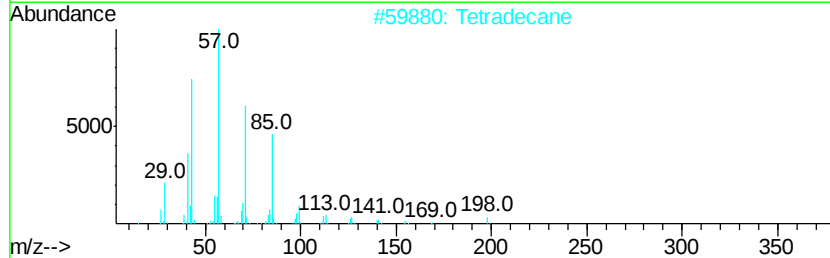
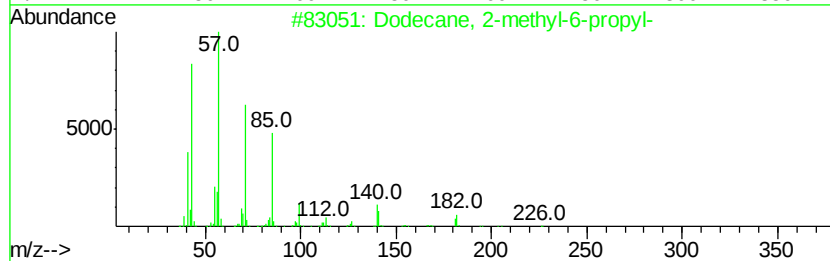
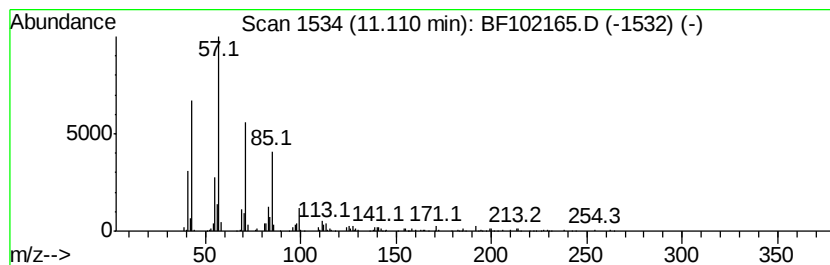
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Dodecane, 2-methyl-6-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	5.35 ng	188371	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2		Tetradecane	198	C14H30	000629-59-4	87
3		Hexacosane	366	C26H54	000630-01-3	86
4		10-Methylnonadecane	282	C20H42	056862-62-5	83
5		Pentacosane	352	C25H52	000629-99-2	80



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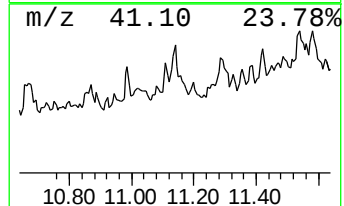
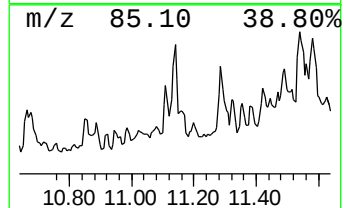
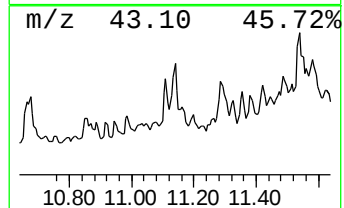
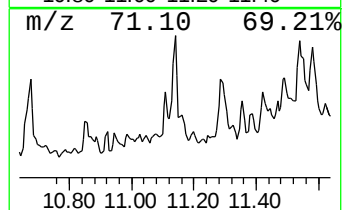
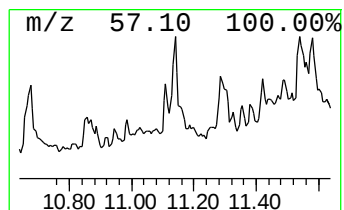
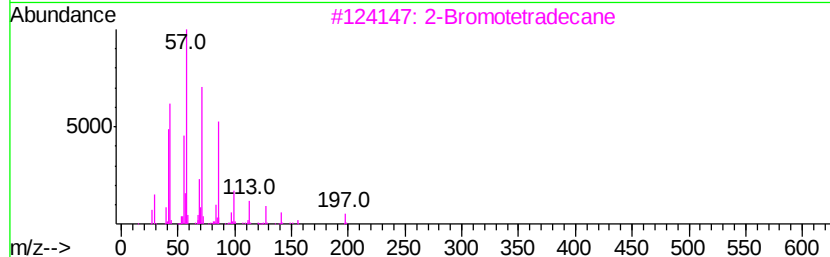
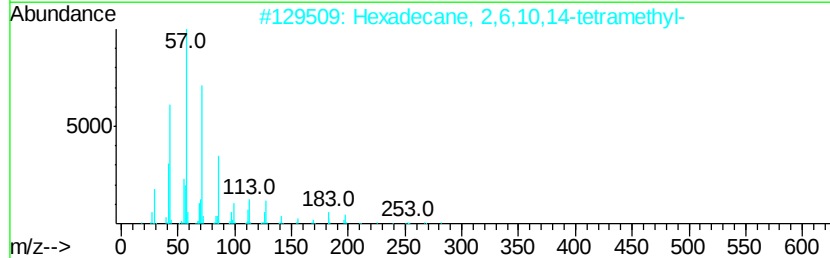
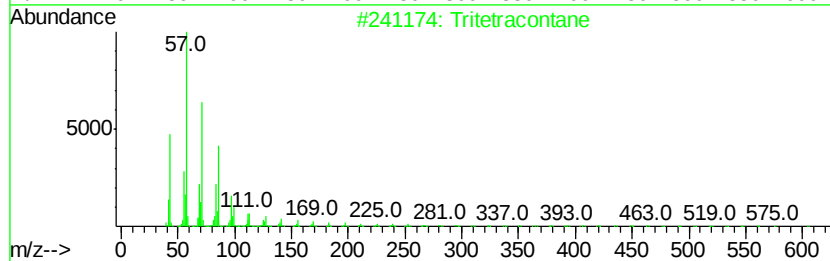
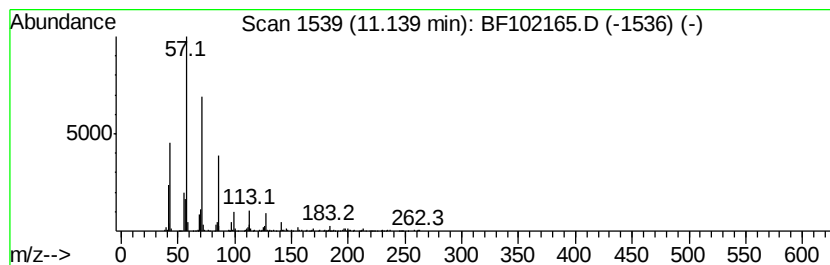
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Tritetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	16.83 ng	592438	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	90
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3		2-Bromotetradecane	276	C14H29Br	074036-95-6	80
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64



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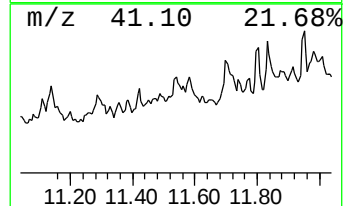
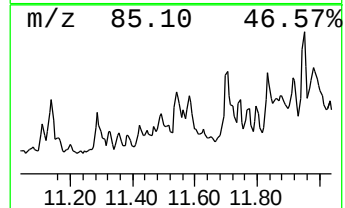
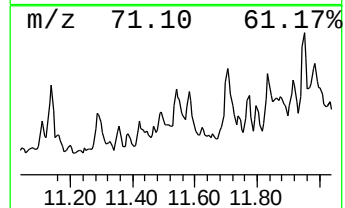
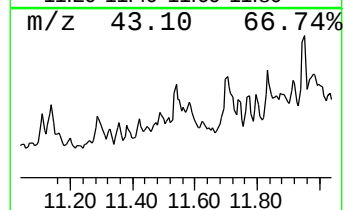
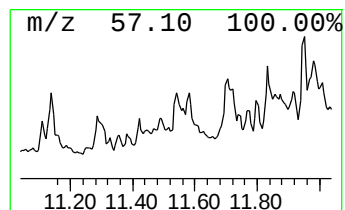
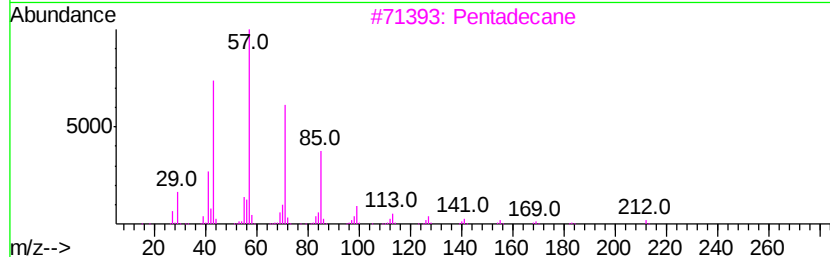
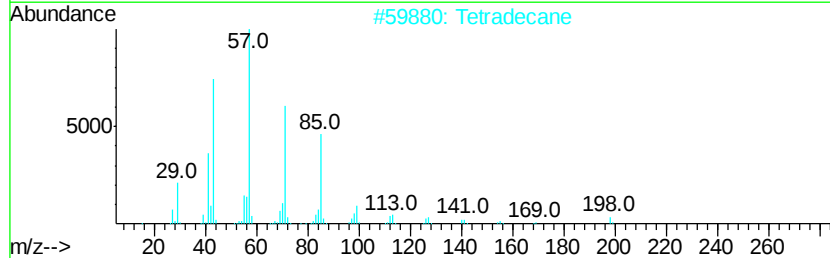
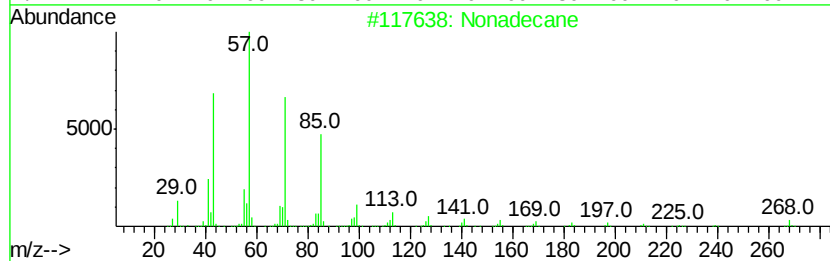
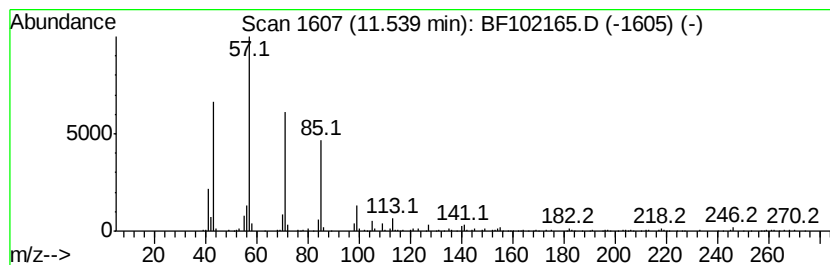
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ClientSampleId :
DRUM-1-2

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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 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.54	9.91 ng	349047	Phenanthrene-d10		11.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Tetradecane	198	C14H30	000629-59-4	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102165.D
Acq On : 17 Jan 2018 22:07
Operator : SJ/JU
Sample : J1167-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

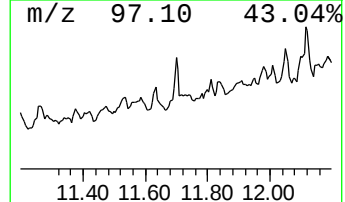
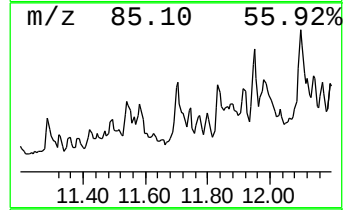
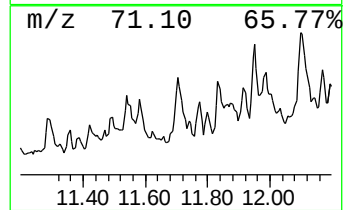
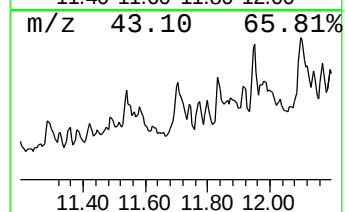
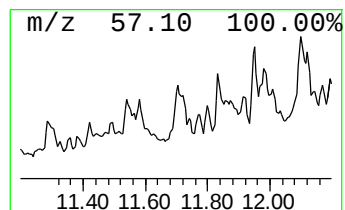
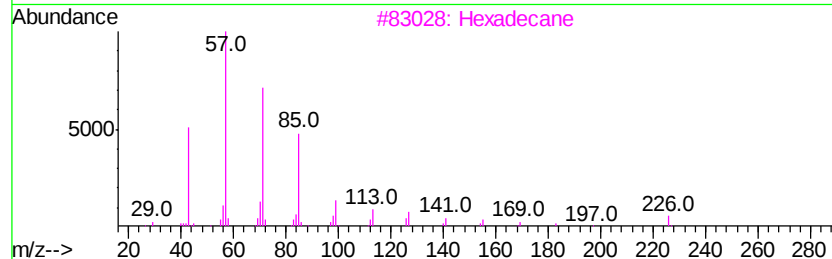
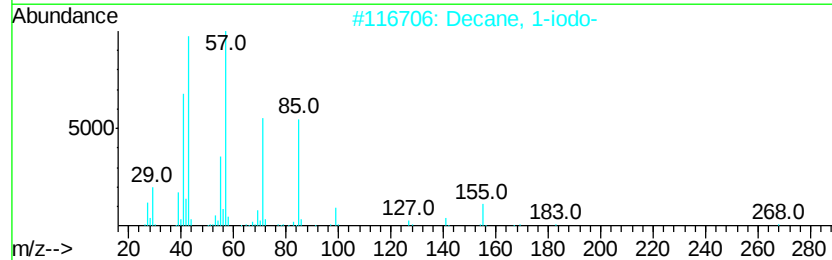
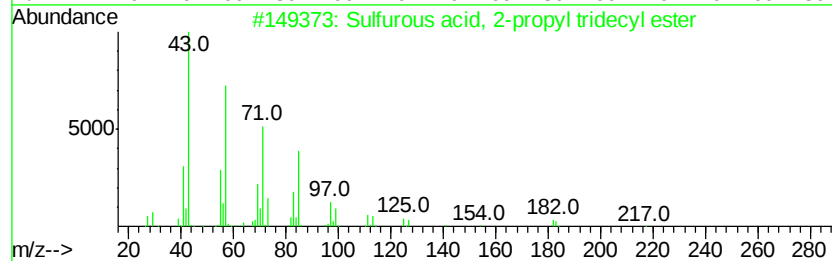
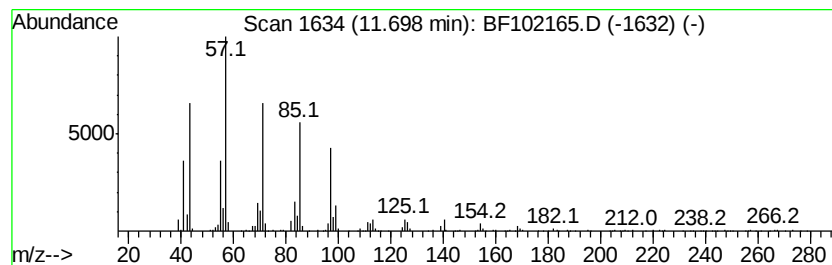
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Sulfurous acid, 2-propyl tr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	21.53 ng	758177	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-propyl tridecyl...	306	C16H34O3S	1000309-12-4	86
2			Decane, 1-iodo-	268	C10H21I	002050-77-3	72
3			Hexadecane	226	C16H34	000544-76-3	72
4			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64
5			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	60



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102165.D
Acq On : 17 Jan 2018 22:07
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DRUM-1-2

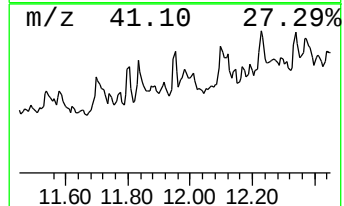
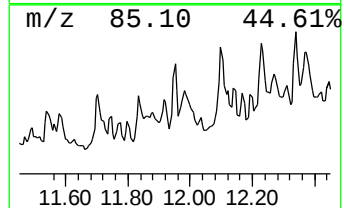
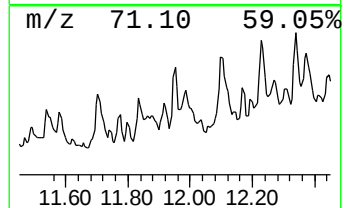
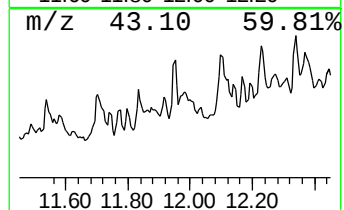
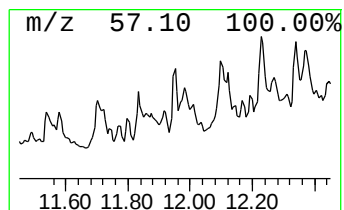
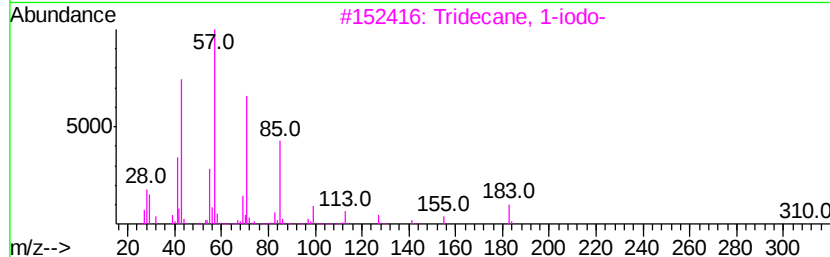
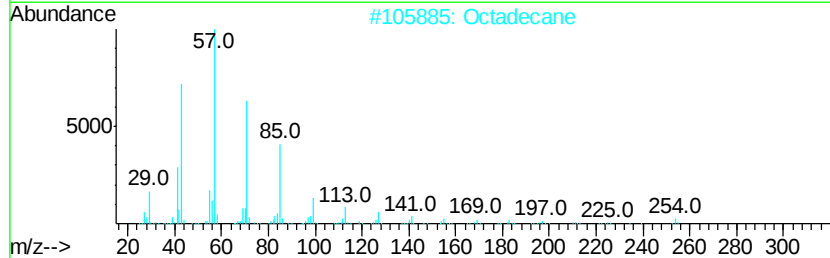
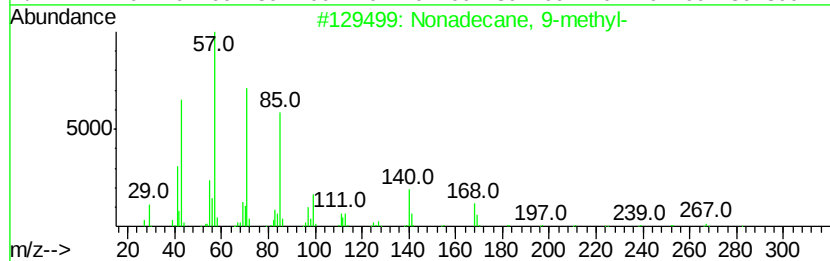
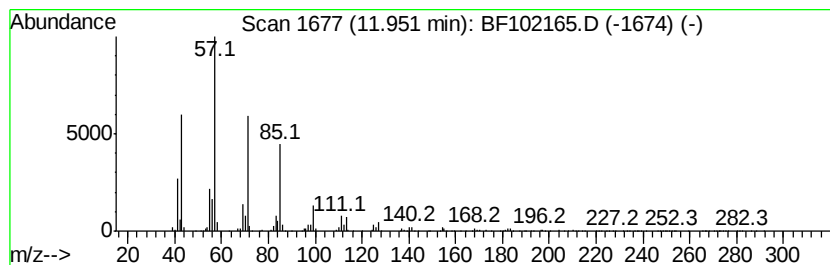
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Nonadecane, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	19.45 ng	684820	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	95
2		Octadecane	254	C18H38	000593-45-3	90
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
4		Nonadecane	268	C19H40	000629-92-5	86
5		Heptadecane	240	C17H36	000629-78-7	86



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102165.D
Acq On : 17 Jan 2018 22:07
Operator : SJ/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DRUM-1-2

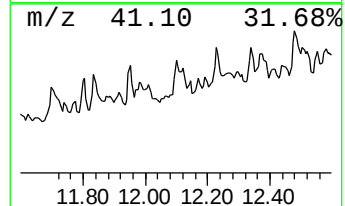
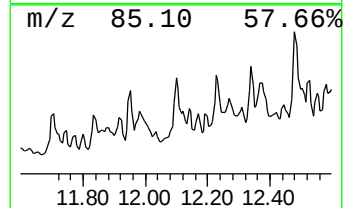
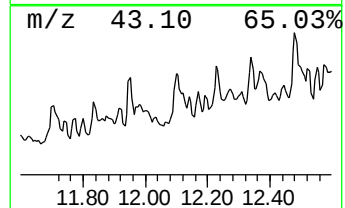
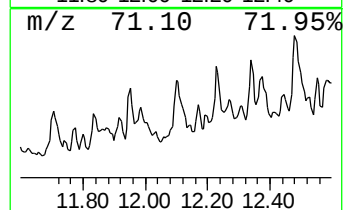
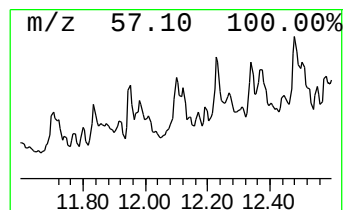
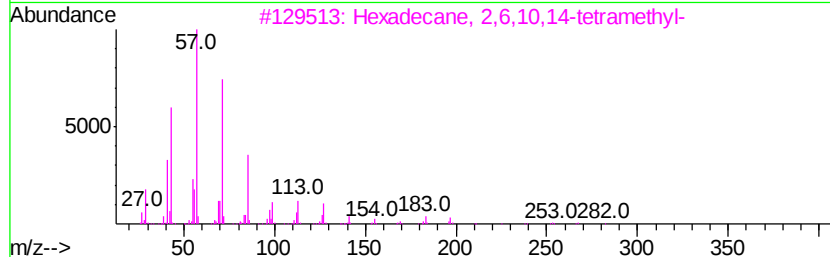
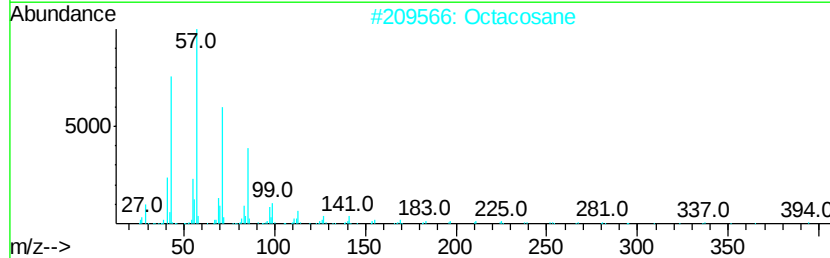
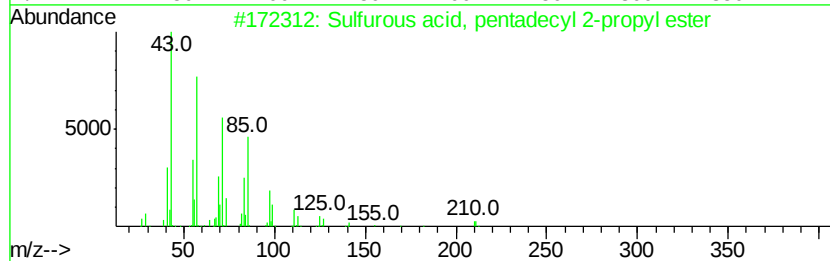
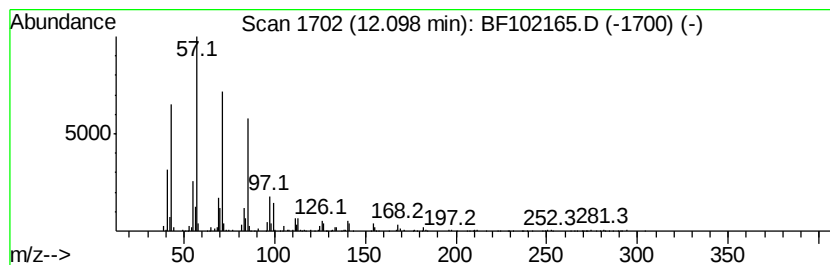
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Sulfurous acid, pentadecyl ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	23.46 ng	826134	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	86
2		Octacosane	394	C28H58	000630-02-4	86
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
4		9-methylheptadecane	254	C18H38	026741-18-4	72
5		Nonadecane	268	C19H40	000629-92-5	58



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
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Acq On : 17 Jan 2018 22:07
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ALS Vial : 20 Sample Multiplier: 1

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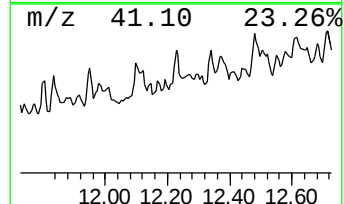
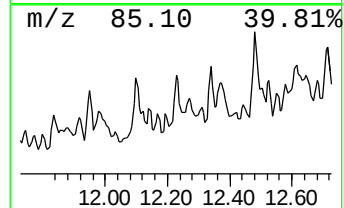
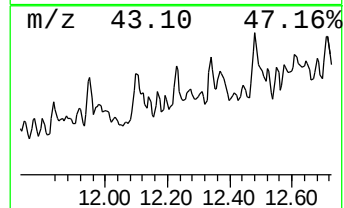
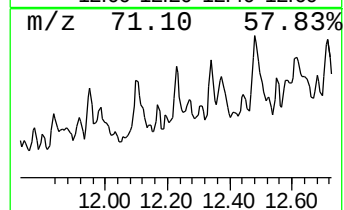
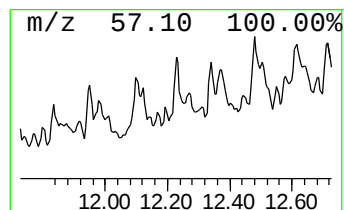
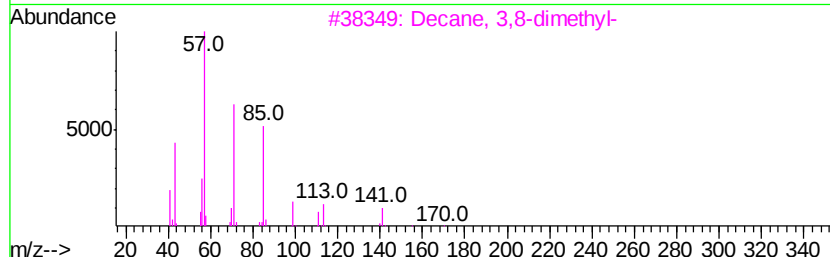
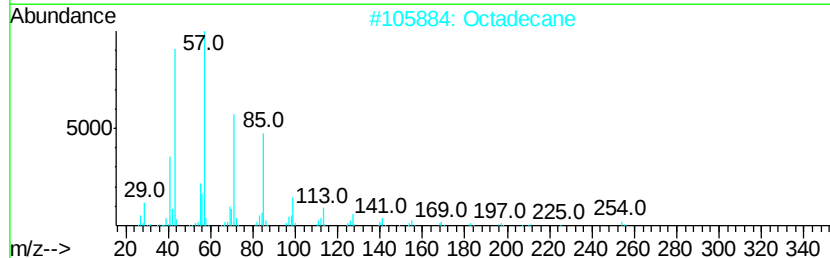
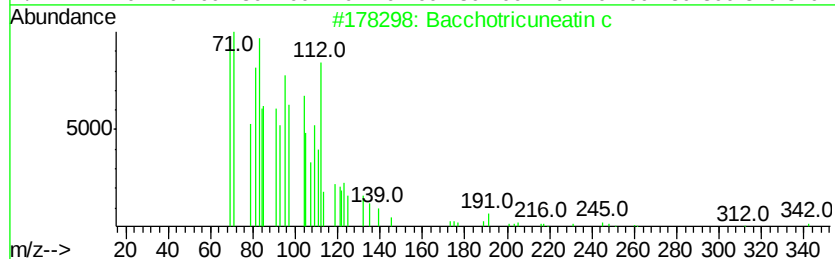
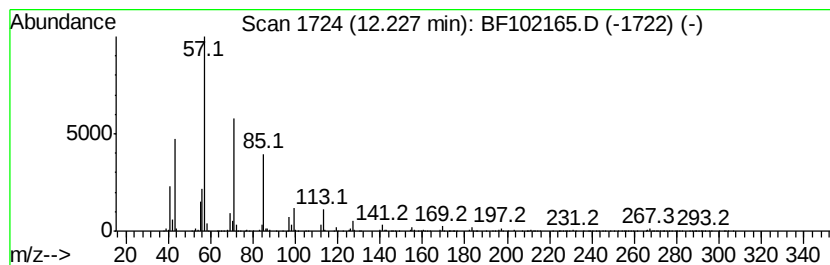
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Bacchotricuneatin c Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	19.56 ng	688753	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	97
2		Octadecane	254	C18H38	000593-45-3	86
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83
4		Eicosane	282	C20H42	000112-95-8	80
5		3,5-Dimethyldodecane	198	C14H30	107770-99-0	74



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102165.D
Acq On : 17 Jan 2018 22:07
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DRUM-1-2

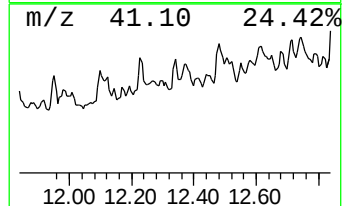
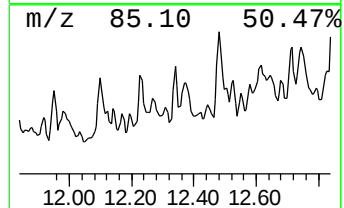
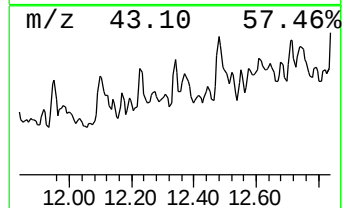
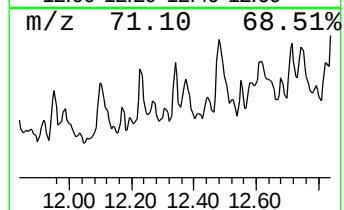
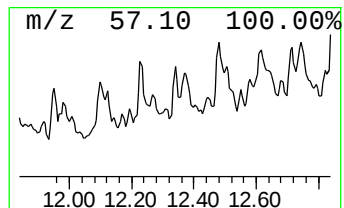
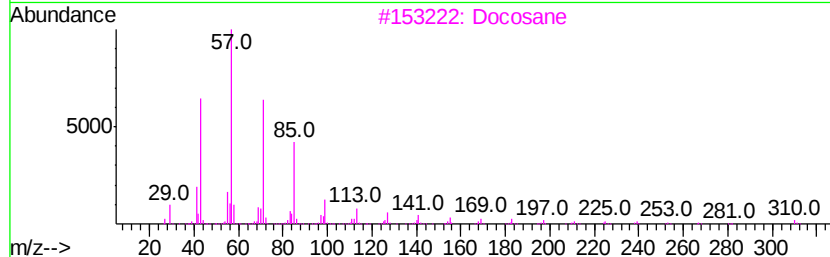
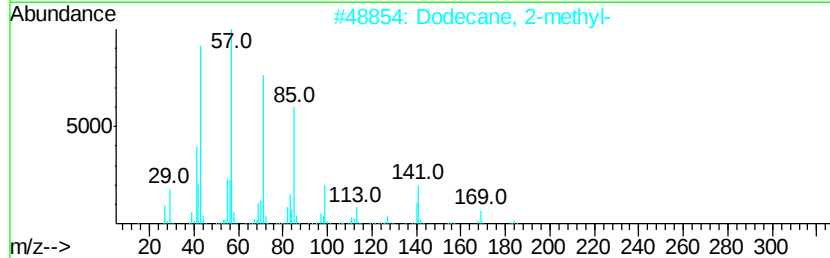
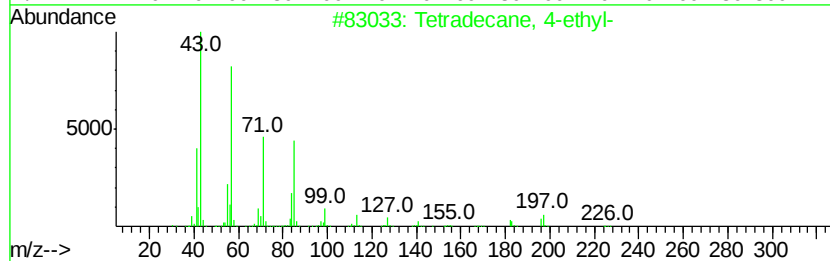
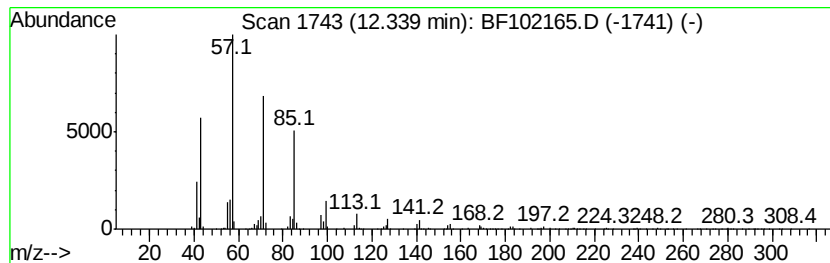
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetradecane, 4-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	16.56 ng	583112	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
3		Docosane	310	C22H46	000629-97-0	90
4		Octadecane	254	C18H38	000593-45-3	90
5		Eicosane	282	C20H42	000112-95-8	86



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
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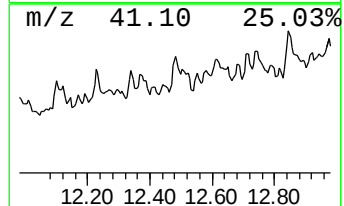
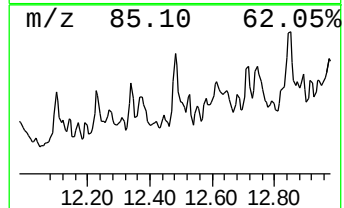
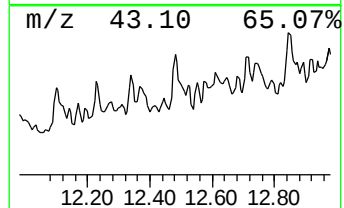
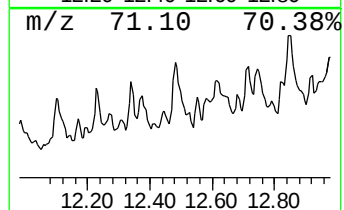
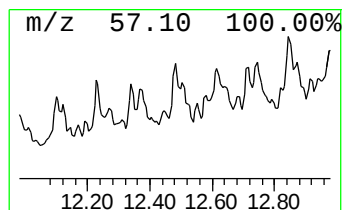
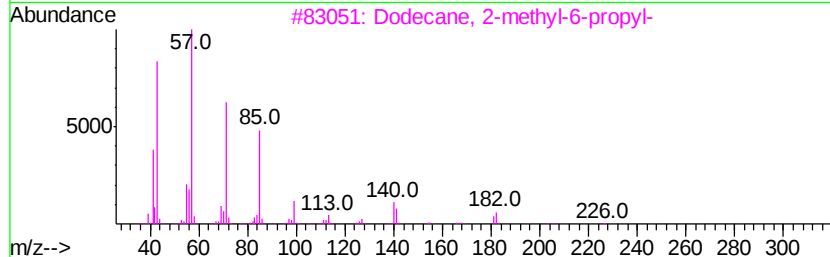
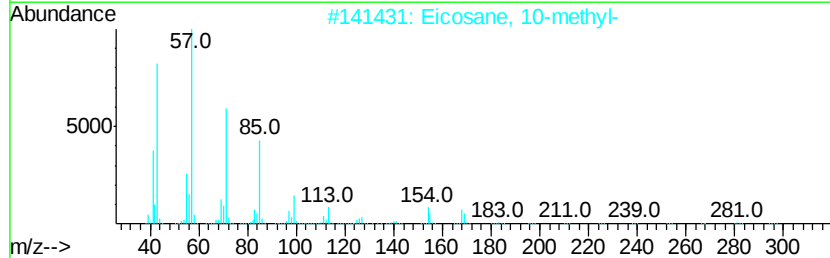
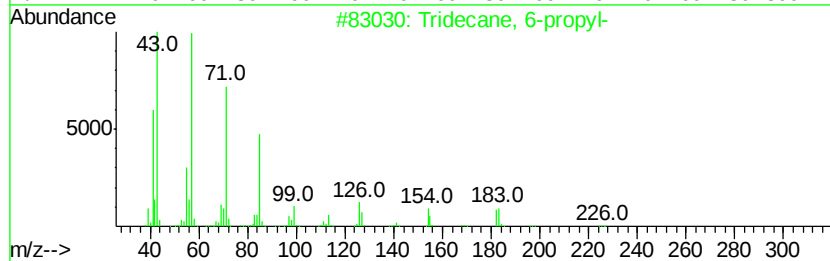
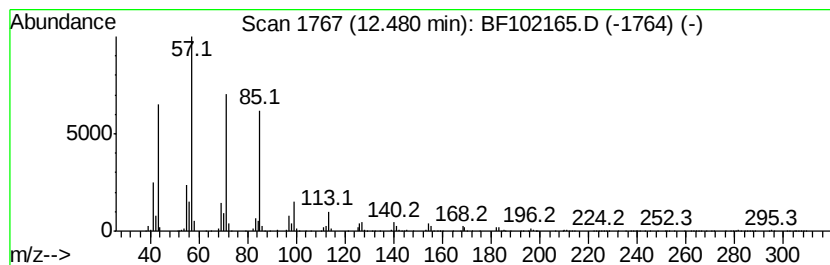
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 6-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.48	36.29 ng	1277880	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
4	Tetradecane, 2,5-dimethyl-	226	C16H34	056292-69-4	83
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	80



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102165.D
Acq On : 17 Jan 2018 22:07
Operator : SJ/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-1-2

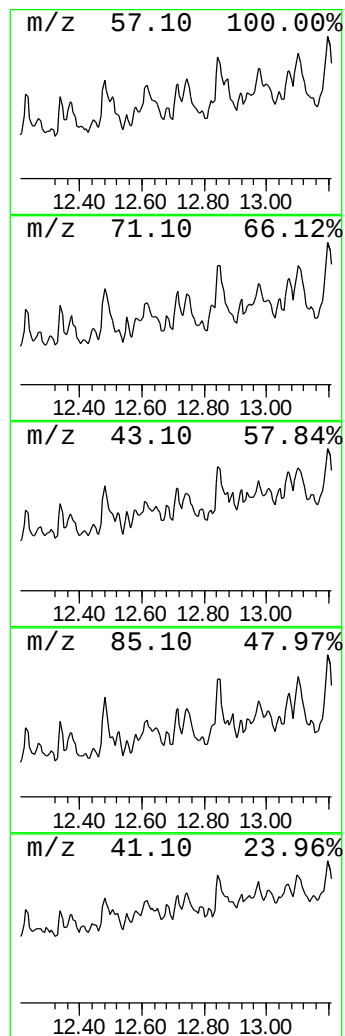
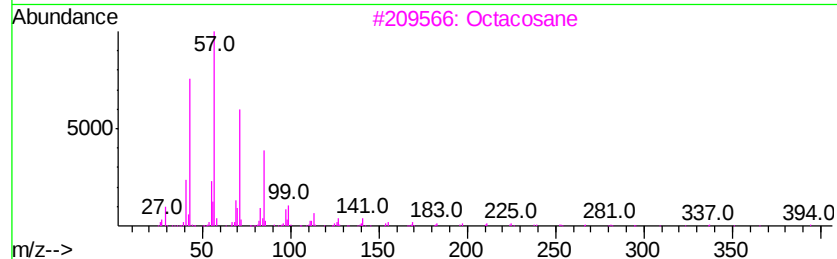
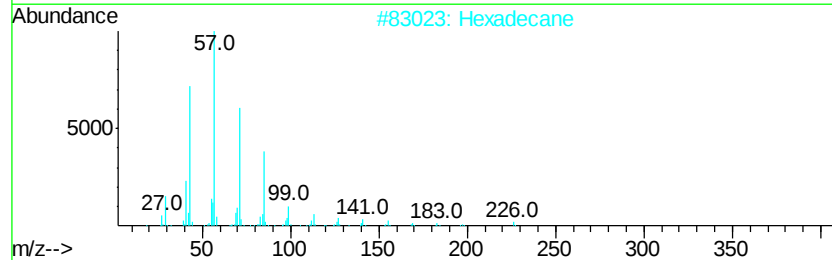
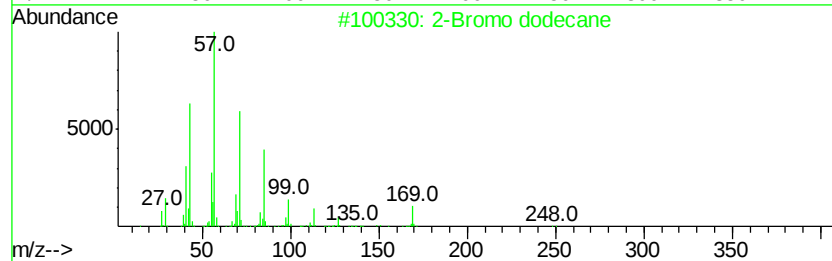
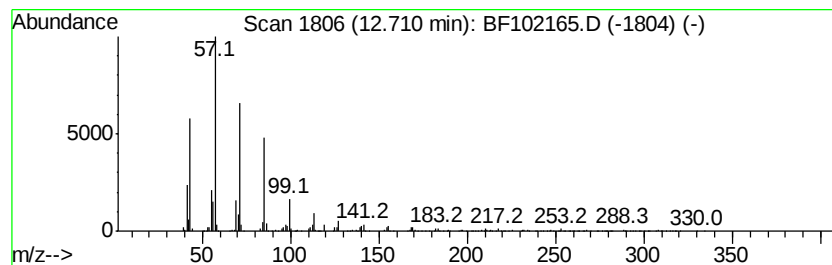
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2-Bromo dodecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	4.47 ng	767963	Chrysene-d12	13.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2			Hexadecane	226	C16H34	000544-76-3	90
3			Octacosane	394	C28H58	000630-02-4	86
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
5			Hentriacontane	437	C31H64	000630-04-6	72



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
 Data File : BF102165.D
 Acq On : 17 Jan 2018 22:07
 Operator : SJ/JU
 Sample : J1167-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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...	4.92	3.3	ng	140232	1	6.72	853340	20.0
unknown6.49	6.49	48.7	ng	2076550	1	6.72	853340	20.0
1-Hexanol, 2-ethyl-	6.79	2.6	ng	110502	1	6.72	853340	20.0
Phenol, 2,6-bis(1...	9.42	4.7	ng	274264	3	9.76	1176050	20.0
unknown9.66	9.66	2.6	ng	153293	3	9.76	1176050	20.0
1,4-Hexadiene, 2,...	10.16	2.3	ng	136003	3	9.76	1176050	20.0
Benzophenone	10.47	4.3	ng	253852	3	9.76	1176050	20.0
Undecane, 6-ethyl-	10.67	15.4	ng	541692	4	11.24	704199	20.0
3-Hexadecene, (Z)-	10.99	6.3	ng	220927	4	11.24	704199	20.0
Dodecane, 2-methy...	11.11	5.3	ng	188371	4	11.24	704199	20.0
Tritetracontane	11.14	16.8	ng	592438	4	11.24	704199	20.0
Nonadecane	11.54	9.9	ng	349047	4	11.24	704199	20.0
Sulfurous acid, 2...	11.70	21.5	ng	758177	4	11.24	704199	20.0
Nonadecane, 9-met...	11.95	19.4	ng	684820	4	11.24	704199	20.0
Sulfurous acid, p...	12.10	23.5	ng	826134	4	11.24	704199	20.0
Bacchotricuneatin c	12.23	19.6	ng	688753	4	11.24	704199	20.0
Tetradecane, 4-et...	12.34	16.6	ng	583112	4	11.24	704199	20.0
Tridecane, 6-propyl-	12.48	36.3	ng	1277880	4	11.24	704199	20.0
2-Bromo dodecane	12.71	4.5	ng	767963	5	13.89	3433840	20.0