

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021218\
 Data File : BF102920.D
 Acq On : 12 Feb 2018 15:07
 Operator : SJ/JU
 Sample : J1491-01RX
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-1-4-DENSE-GRADE-AGG-RCARX

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-BF020318.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	2.193	10	18	29	rVB	430484	599719	5.31%	1.257%
2	3.487	237	238	254	rBV2	43592	133735	1.18%	0.280%
3	4.499	406	410	417	rBV	261169	277522	2.46%	0.582%
4	4.793	458	460	471	rBV	99699	128656	1.14%	0.270%
5	5.146	509	520	523	rVB	4852160	11302690	100.00%	23.695%
6	5.504	578	581	590	rVB	343731	304423	2.69%	0.638%
7	5.834	632	637	644	rBV	195158	166030	1.47%	0.348%
8	6.122	682	686	693	rBV	145028	165429	1.46%	0.347%
9	6.404	728	734	738	rBV	282319	395258	3.50%	0.829%
10	6.510	747	752	769	rVB2	1924022	2263702	20.03%	4.746%
11	6.651	771	776	779	rBV	726754	596443	5.28%	1.250%
12	6.710	783	786	789	rVV	177346	130353	1.15%	0.273%
13	6.804	799	802	806	rVB	133456	113673	1.01%	0.238%
14	6.887	811	816	819	rBV	1464260	1292364	11.43%	2.709%
15	7.045	838	843	846	rVB	3894661	3953425	34.98%	8.288%
16	7.451	906	912	914	rBV	3186486	3360908	29.74%	7.046%
17	7.716	954	957	961	rVB	115037	128488	1.14%	0.269%
18	8.063	1012	1016	1020	rBV	734893	590407	5.22%	1.238%
19	8.169	1031	1034	1037	rVV	1814555	1592946	14.09%	3.339%
20	8.304	1054	1057	1065	rBV	83486	171396	1.52%	0.359%
21	8.751	1130	1133	1137	rVB	175543	154720	1.37%	0.324%
22	9.245	1212	1217	1220	rBV	4658139	4525842	40.04%	9.488%
23	9.316	1226	1229	1232	rBV	322681	255052	2.26%	0.535%
24	9.351	1232	1235	1238	rVV	364772	320221	2.83%	0.671%
25	9.569	1265	1272	1280	rVV3	181339	461209	4.08%	0.967%
26	9.634	1280	1283	1286	rVV	512602	475083	4.20%	0.996%
27	9.845	1312	1319	1321	rBV	520215	458880	4.06%	0.962%
28	9.875	1321	1324	1328	rVV	1170075	974614	8.62%	2.043%
29	9.922	1328	1332	1336	rVV	1563570	1511047	13.37%	3.168%
30	10.163	1370	1373	1377	rVV3	105819	134975	1.19%	0.283%
31	10.345	1401	1404	1407	rVB	519953	402263	3.56%	0.843%
32	10.492	1427	1429	1434	rVB	205108	154776	1.37%	0.324%
33	10.539	1434	1437	1439	rBV	136757	116234	1.03%	0.244%
34	10.563	1439	1441	1444	rVB	125146	114111	1.01%	0.239%

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-1-4-DENSE-GRADE-AGG-RCARX

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-BF020318.M
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35	10.710	1464	1466	1471	rVB3	171918	180450	1.60%	0.378%
36	10.822	1481	1485	1494	rVB	516370	635230	5.62%	1.332%
37	11.022	1514	1519	1521	rBV3	87025	129842	1.15%	0.272%
38	11.269	1557	1561	1563	rBV	335027	295014	2.61%	0.618%
39	11.298	1563	1566	1572	rVB2	138688	181455	1.61%	0.380%
40	11.410	1581	1585	1588	rBV	1218480	1201712	10.63%	2.519%
41	11.433	1588	1589	1596	rVV2	281129	299032	2.65%	0.627%
42	11.580	1610	1614	1618	rBV	229181	203458	1.80%	0.427%
43	11.692	1631	1633	1636	rVB	210253	160477	1.42%	0.336%
44	11.928	1668	1673	1681	rVB3	144330	228907	2.03%	0.480%
45	12.098	1700	1702	1705	rBV	165518	152362	1.35%	0.319%
46	12.492	1765	1769	1773	rBV3	145019	205276	1.82%	0.430%
47	12.627	1787	1792	1798	rBV2	307067	373108	3.30%	0.782%
48	12.857	1829	1831	1834	rVB2	276852	246793	2.18%	0.517%
49	12.998	1848	1855	1858	rBV	3172987	3186860	28.20%	6.681%
50	13.880	2002	2005	2008	rBV	230911	216040	1.91%	0.453%
51	14.057	2031	2035	2037	rBV	1037254	985489	8.72%	2.066%
52	15.545	2284	2288	2299	rVB	767005	1093184	9.67%	2.292%

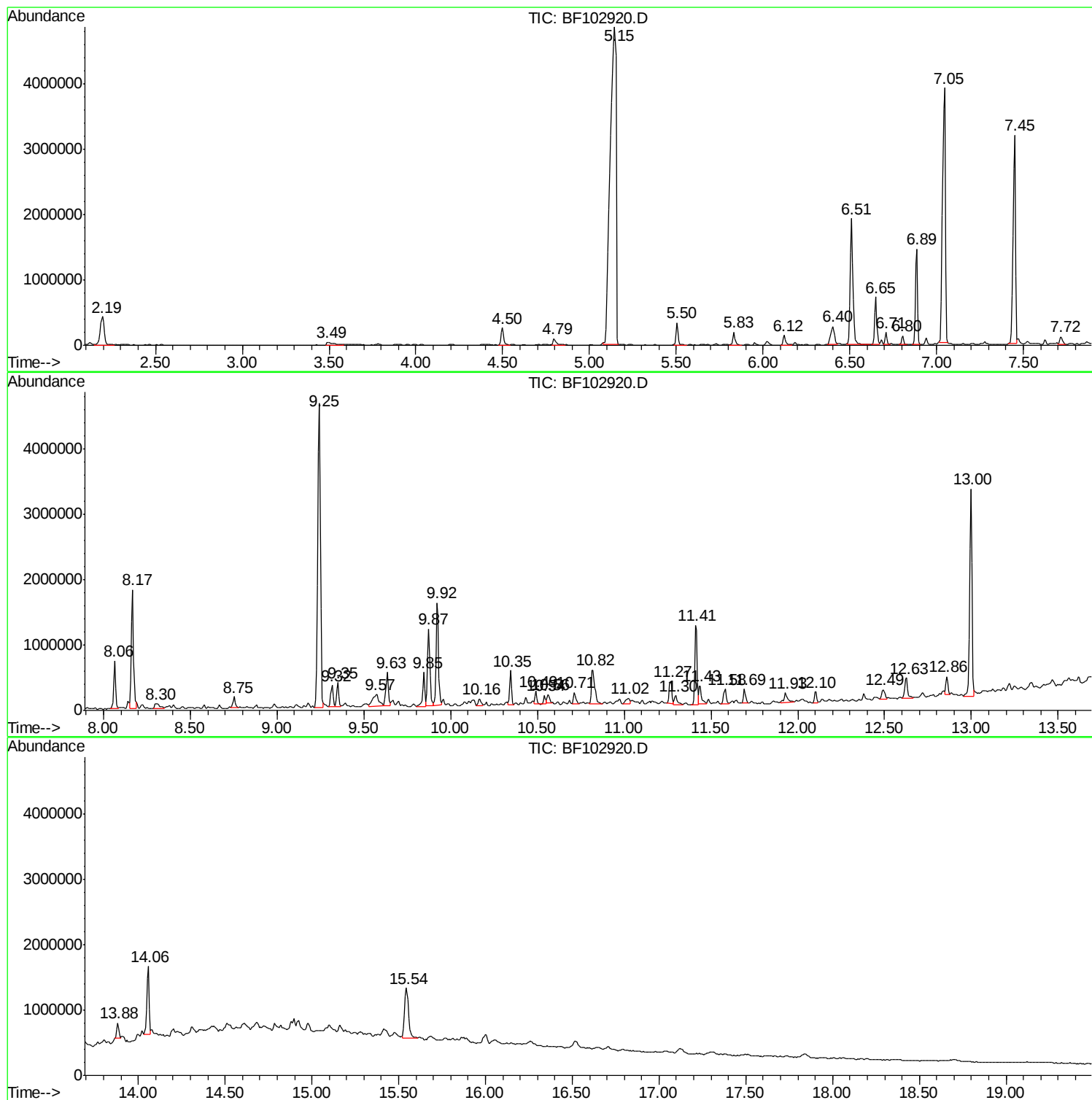
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Misc :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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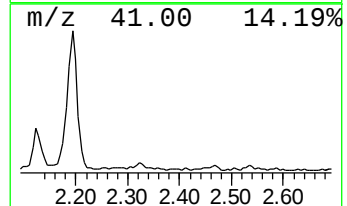
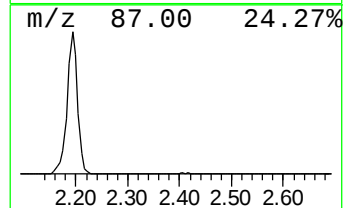
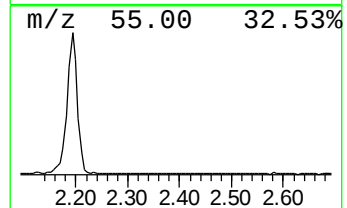
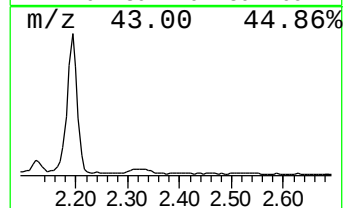
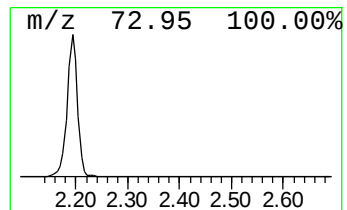
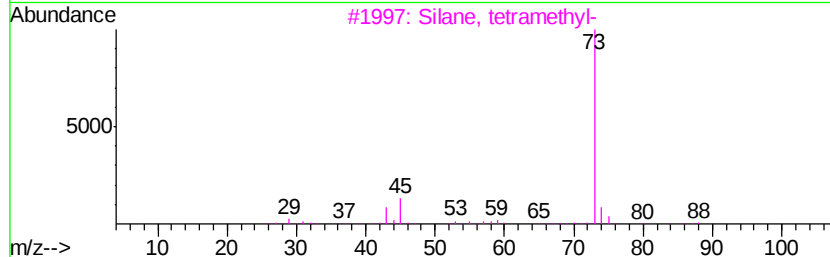
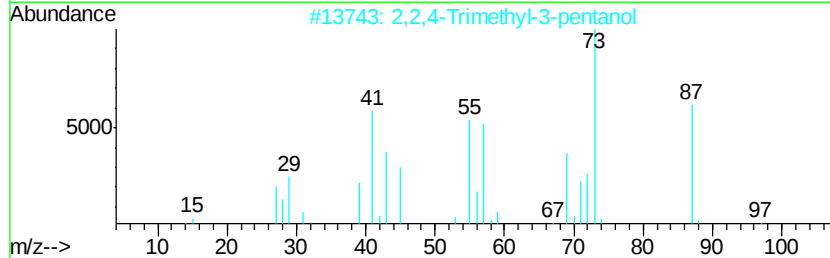
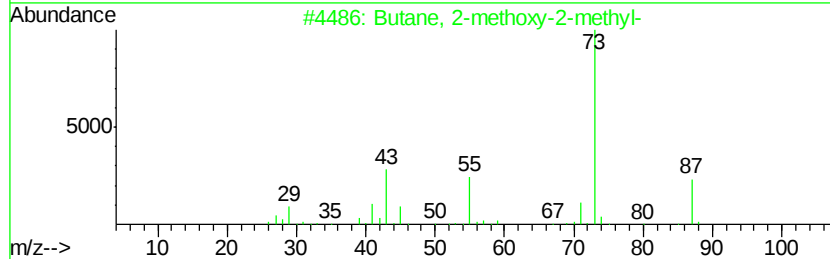
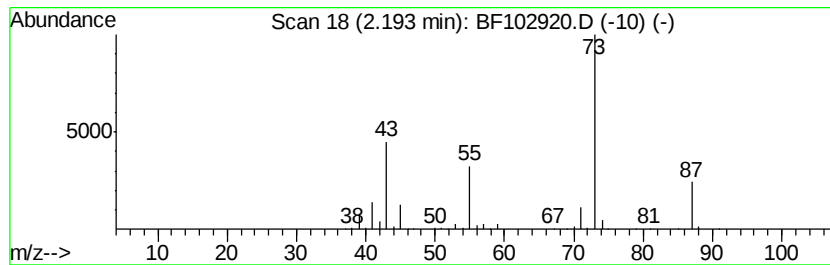
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	9.28 ng	599719	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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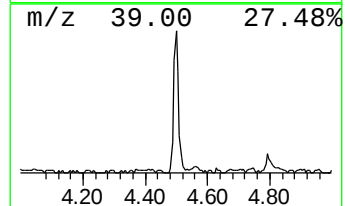
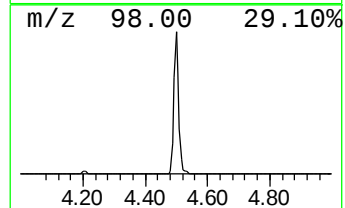
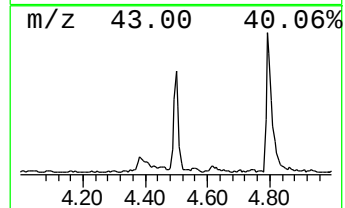
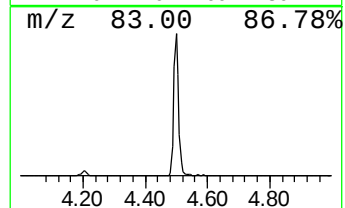
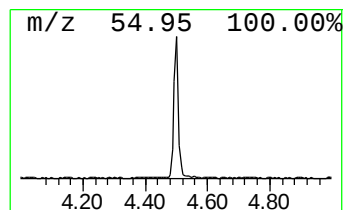
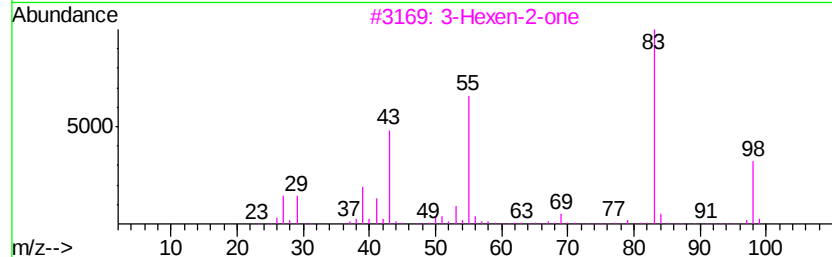
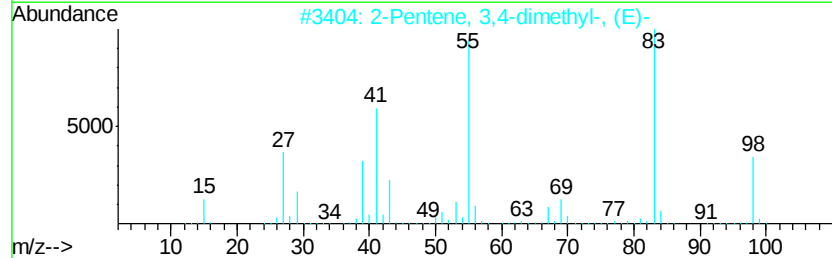
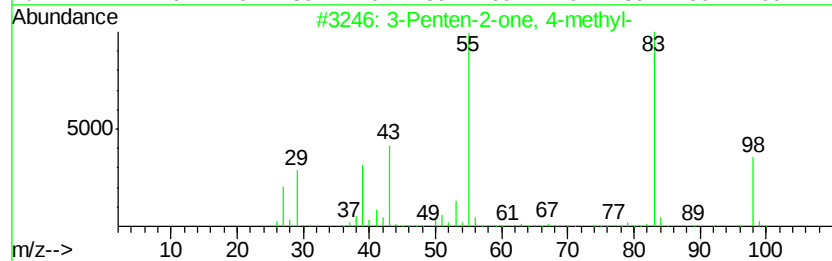
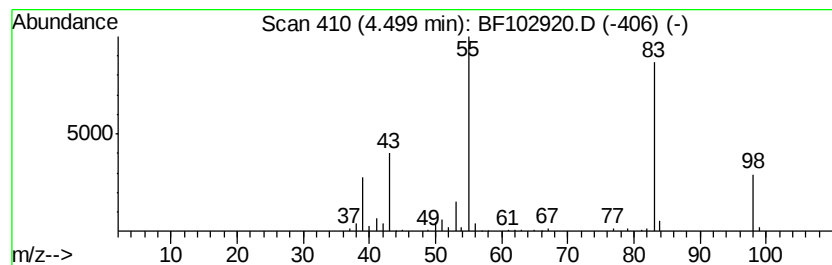
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.50	4.29 ng	277522	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
3			3-Hexen-2-one	98	C6H10O	000763-93-9	87
4			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5			2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86



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Sample : J1491-01RX
Misc :
ALS Vial : 15 Sample Multiplier: 1

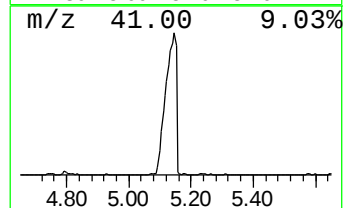
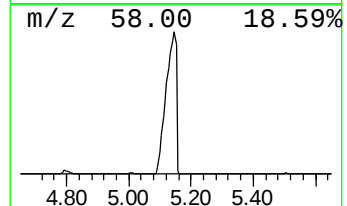
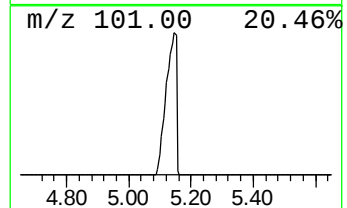
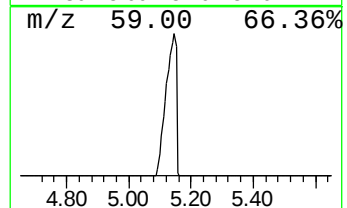
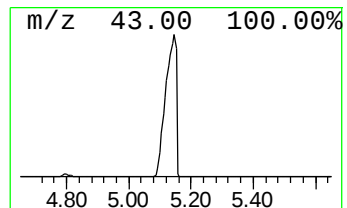
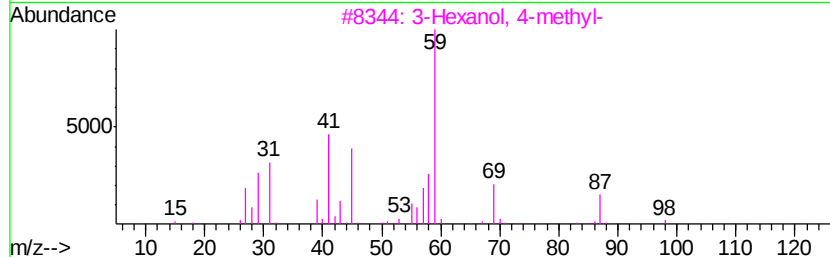
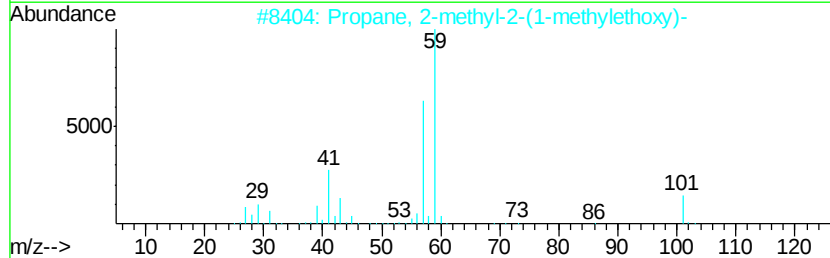
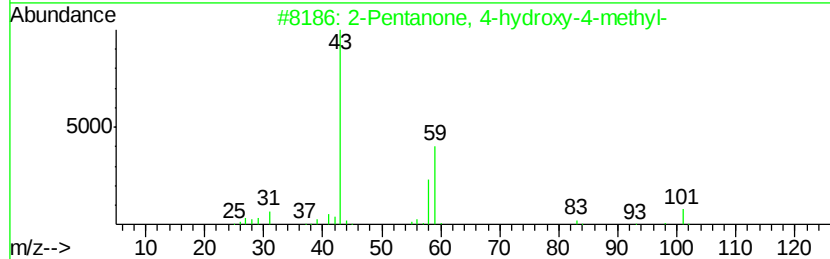
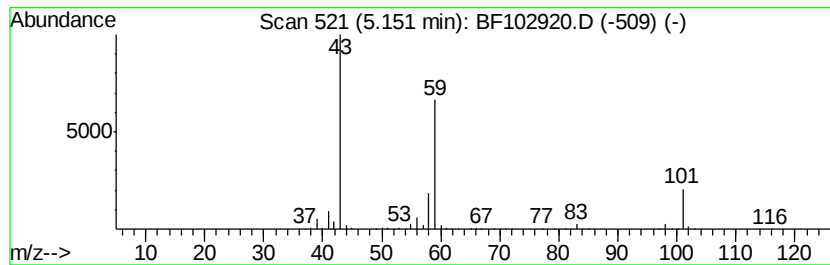
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.15	174.92 ng	11302700	1,4-Dichlorobenzene-d4	6.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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Sample : J1491-01RX
Misc :
ALS Vial : 15 Sample Multiplier: 1

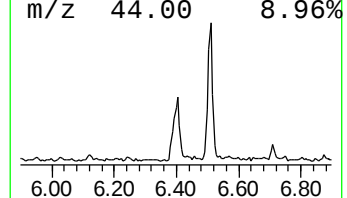
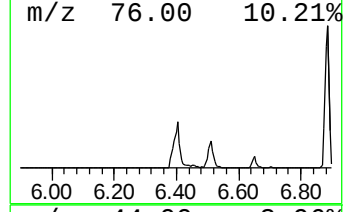
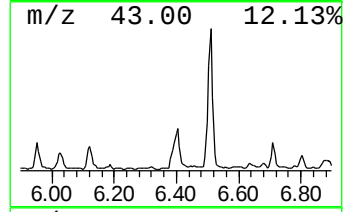
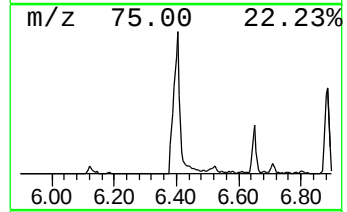
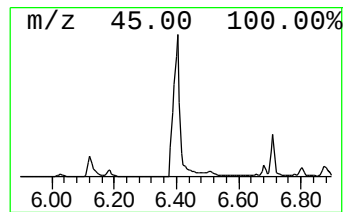
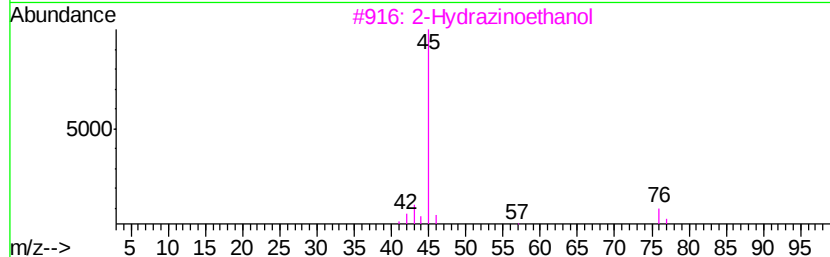
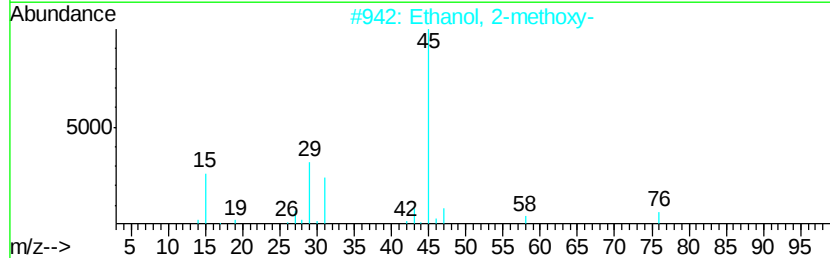
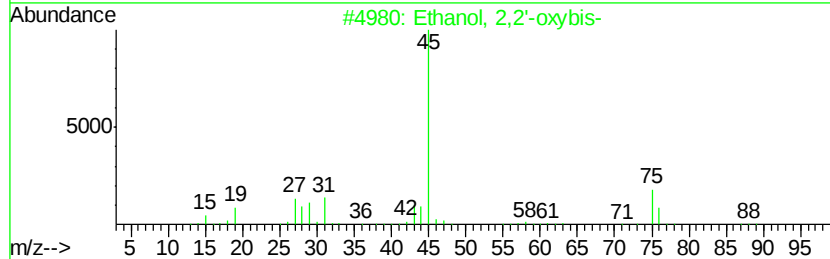
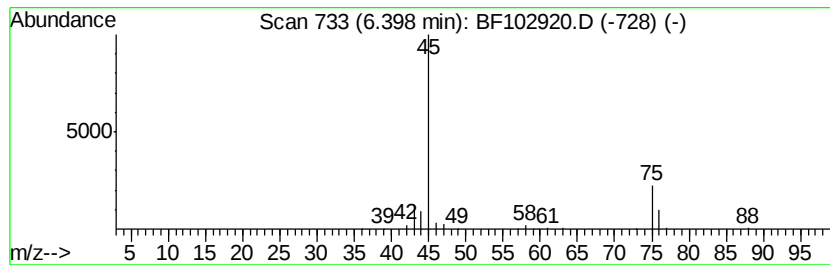
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Ethanol, 2,2'-oxybis- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.40	6.12 ng	395258	1,4-Dichlorobenzene-d4	6.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2,2'-oxybis-	106	C4H10O3	000111-46-6	83
2	Ethanol, 2-methoxy-	76	C3H8O2	000109-86-4	9
3	2-Hydrazinoethanol	76	C2H8N2O	000109-84-2	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	9



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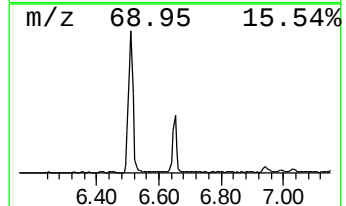
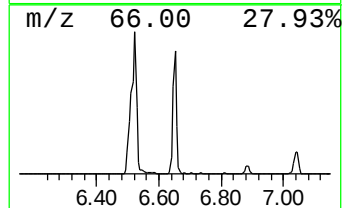
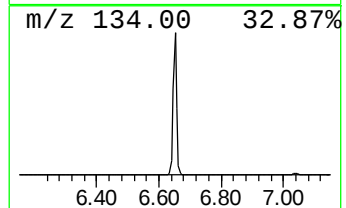
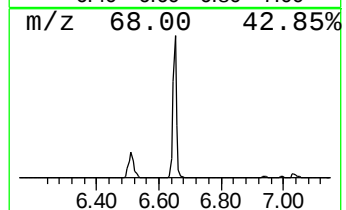
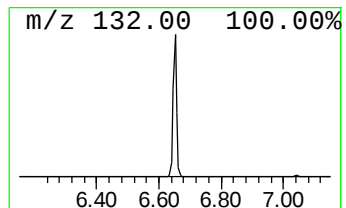
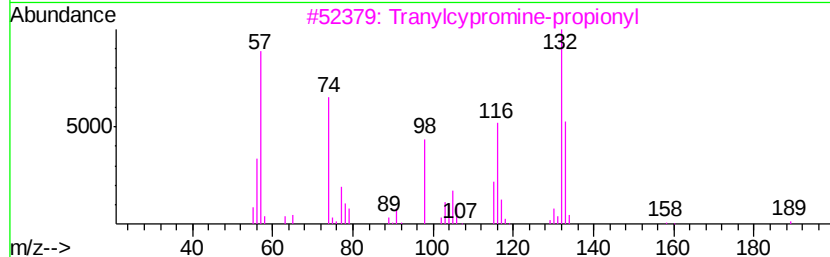
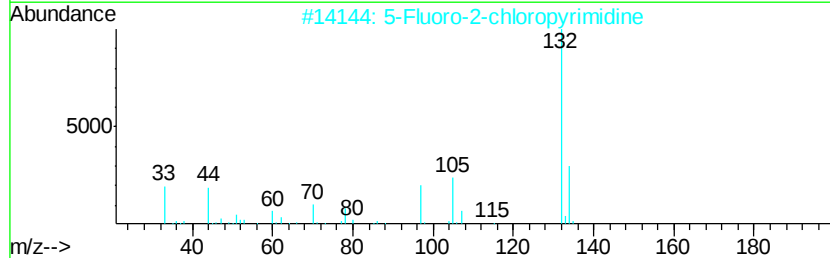
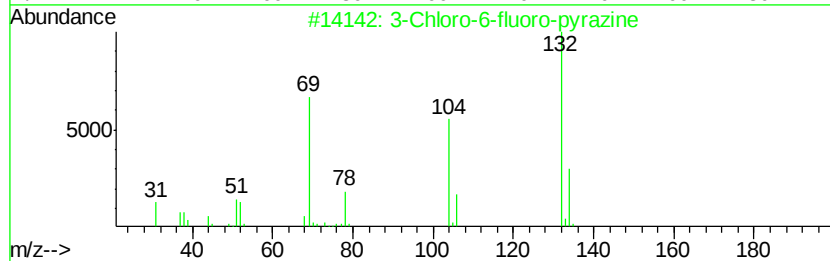
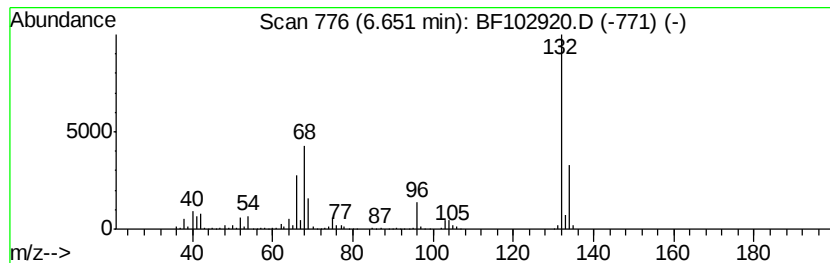
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.65 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	9.23 ng	596443	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16	
3	Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10	
4	5-Aminoindole	132	C8H8N2	005192-03-0	10	
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9	



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102920.D
Acq On : 12 Feb 2018 15:07
Operator : SJ/JU
Sample : J1491-01RX
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-1-4-DENSE-GRADE-AGG-RCARX

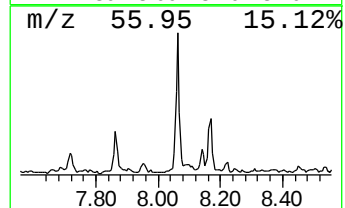
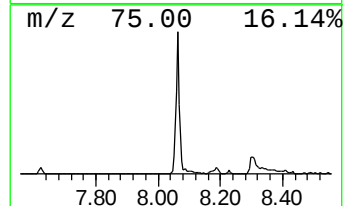
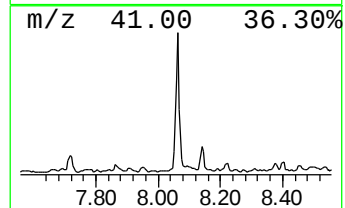
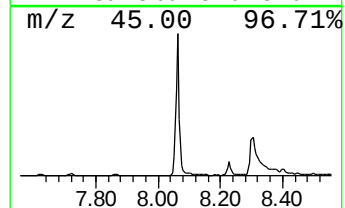
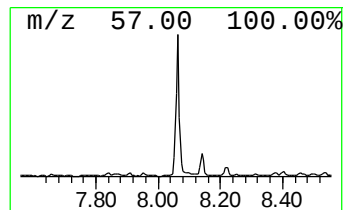
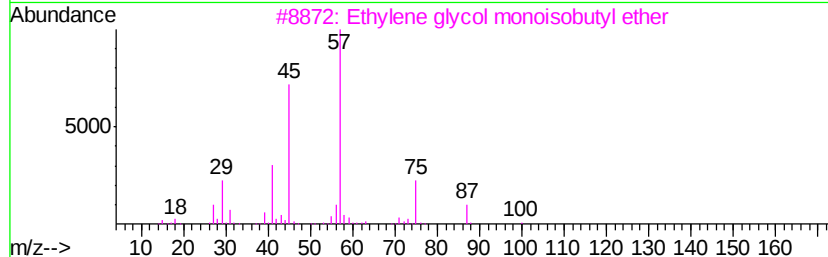
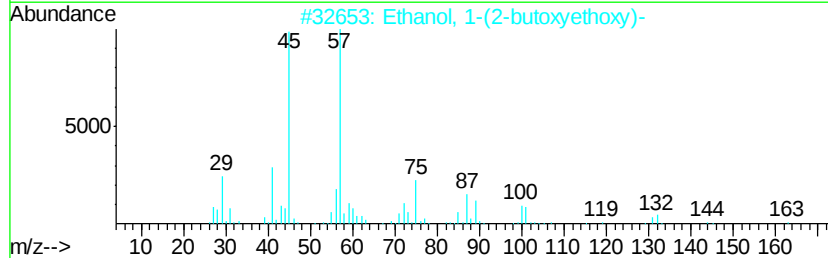
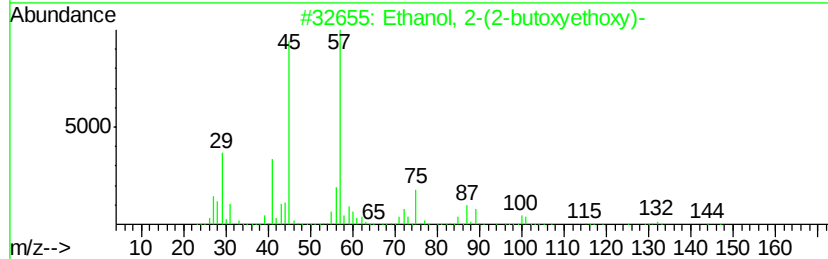
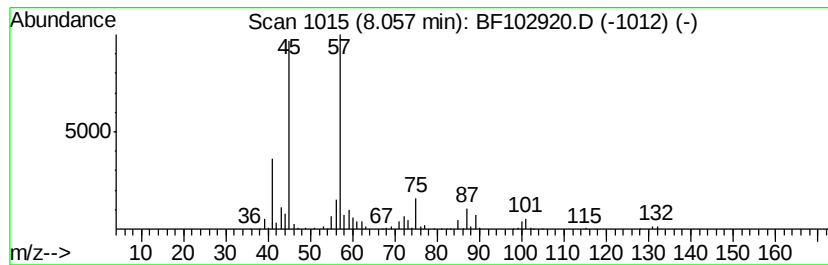
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	7.41 ng	590407	Naphthalene-d8	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2		Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3		Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4		Di-sec-butyl ether	130	C8H18O	006863-58-7	53
5		3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102920.D
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Operator : SJ/JU
Sample : J1491-01RX
Misc :
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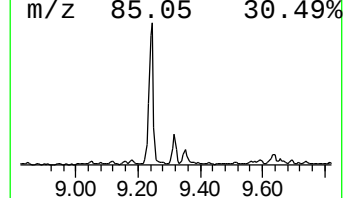
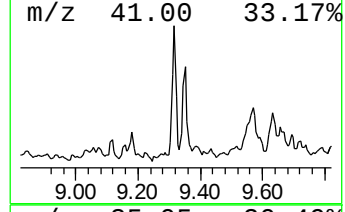
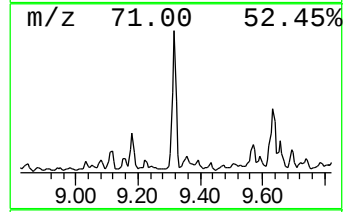
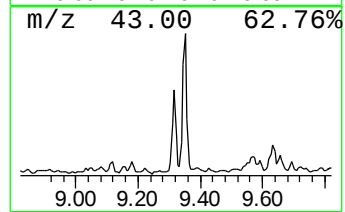
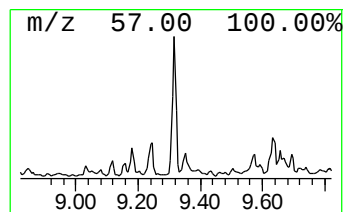
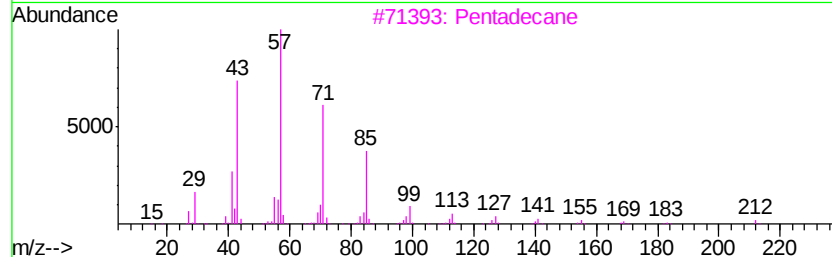
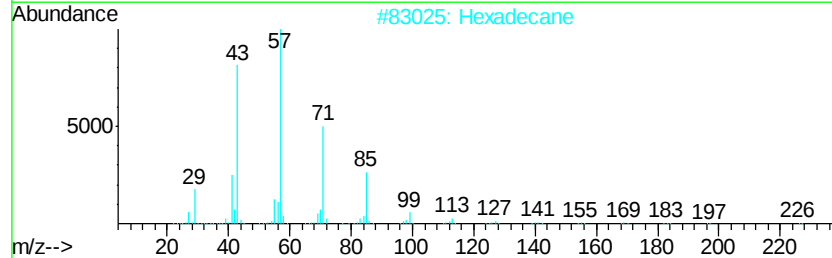
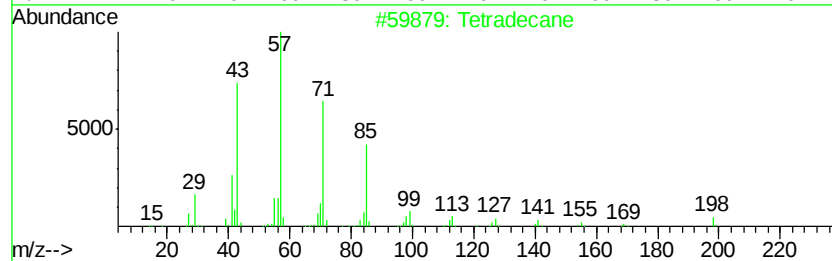
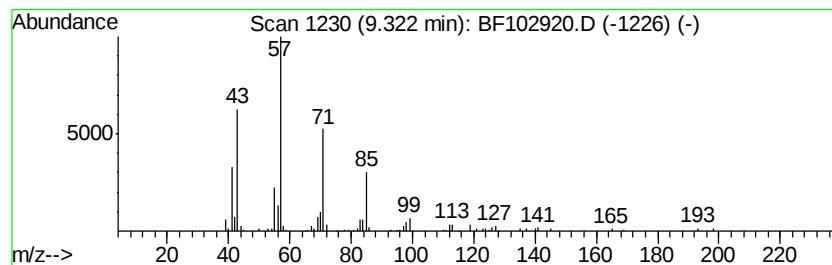
Instrument :
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ClientSampleId :
1-1-4-DENSE-GRADE-AGG-RCARX

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	3.38 ng	255052	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 97
2		Hexadecane	226 C16H34	000544-76-3 91
3		Pentadecane	212 C15H32	000629-62-9 90
4		Tridecane	184 C13H28	000629-50-5 86
5		Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3 78



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102920.D
Acq On : 12 Feb 2018 15:07
Operator : SJ/JU
Sample : J1491-01RX
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-1-4-DENSE-GRADE-AGG-RCARX

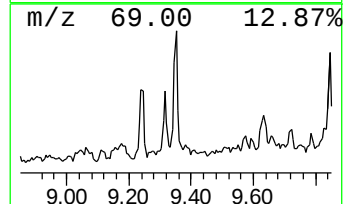
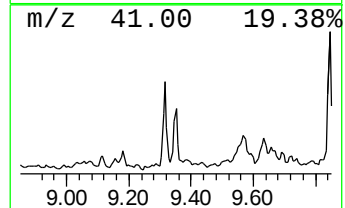
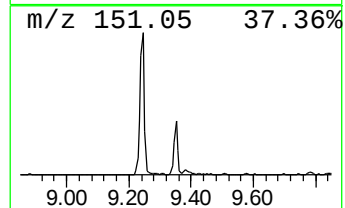
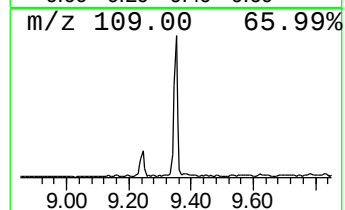
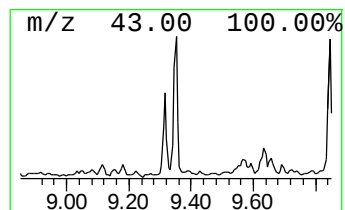
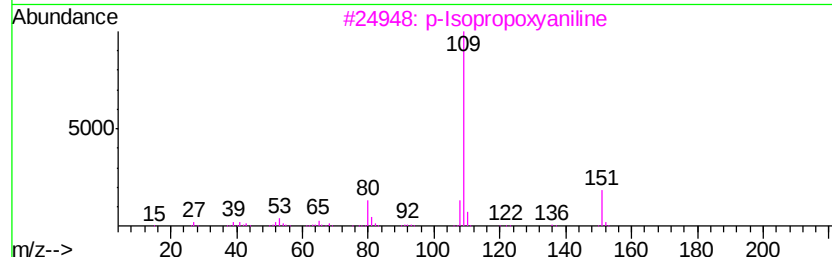
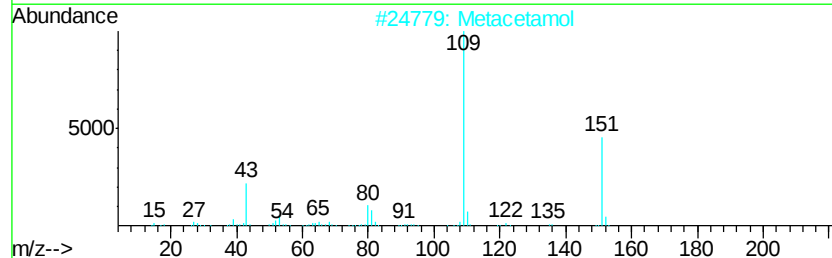
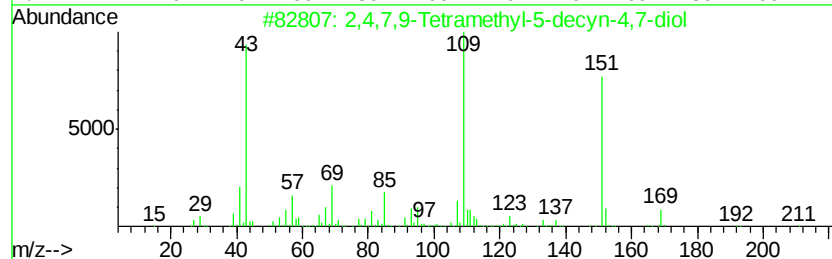
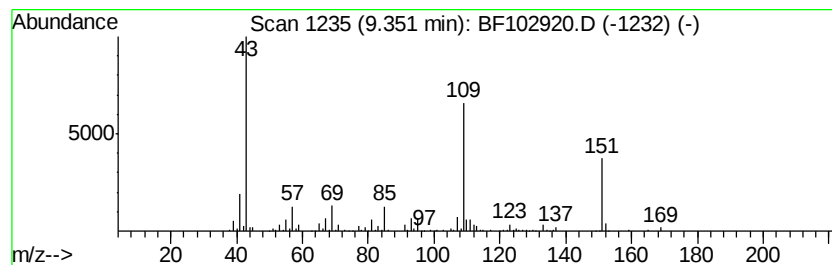
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	4.24 ng	320221	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	86
2		Metacetamol	151	C8H9NO2	000621-42-1	49
3		p-Isopropoxvaniline	151	C9H13NO	007664-66-6	38
4		Acetaminophen	151	C8H9NO2	000103-90-2	38
5		m-Isopropoxyaniline	151	C9H13NO	041406-00-2	38



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF021218\
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Operator : SJ/JU
Sample : J1491-01RX
Misc :
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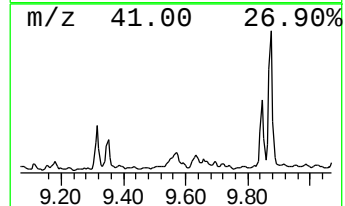
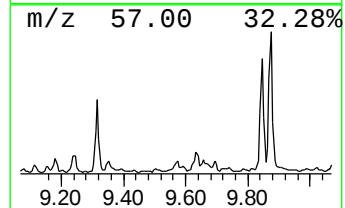
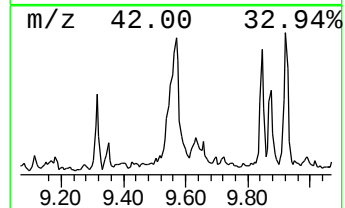
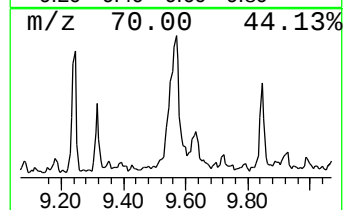
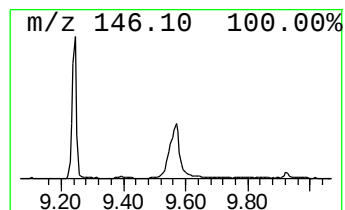
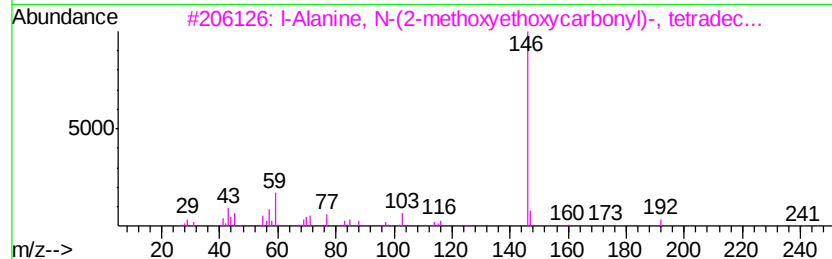
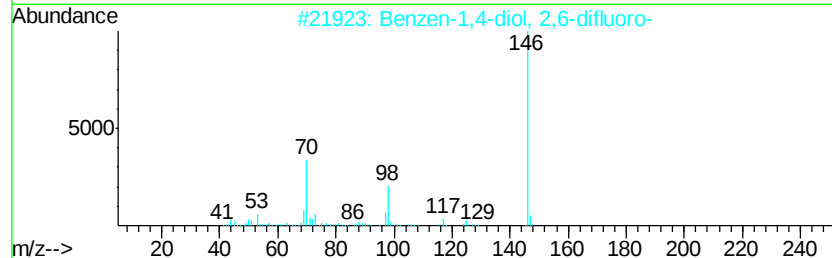
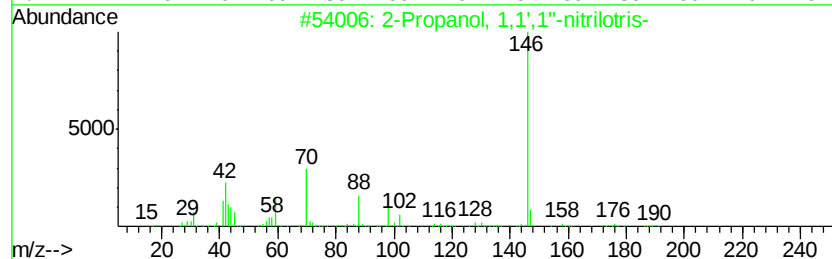
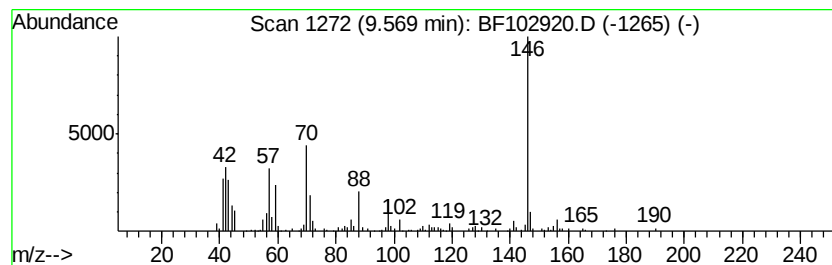
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-Propanol, 1,1',1''-nitril... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.57	6.10 ng	461209	Acenaphthene-d10	9.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1',1''-nitrilotris-	191	C9H21N03	000122-20-3	72
2	Benzen-1,4-diol, 2,6-difluoro-	146	C6H4F2O2	084959-65-9	47
3	l-Alanine, N-(2-methoxyethoxycar...	387	C21H41N05	1000327-94-5	43
4	5,6-Dimethyl-1,3,4,4-dithiapyrid...	146	C4H6N2S2	021423-60-9	38
5	l-Alanine, N-(2-methoxyethoxycar...	359	C19H37N05	1000327-94-4	37



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
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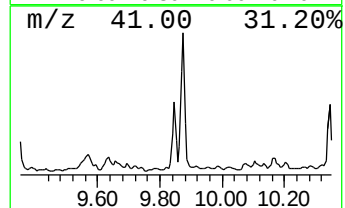
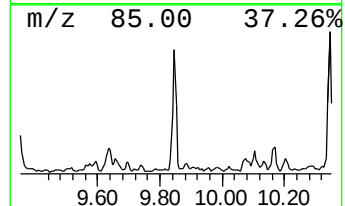
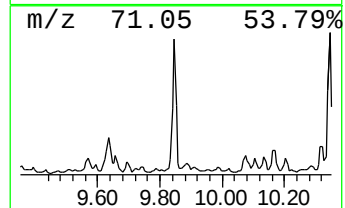
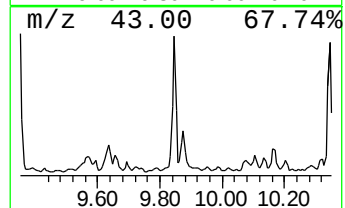
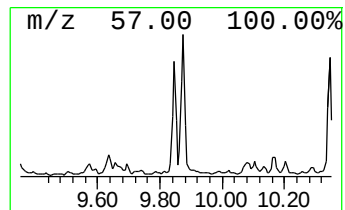
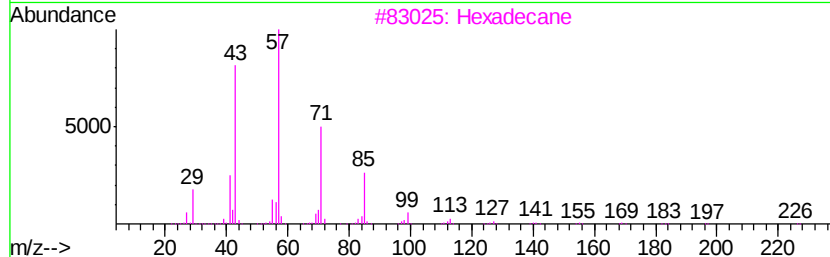
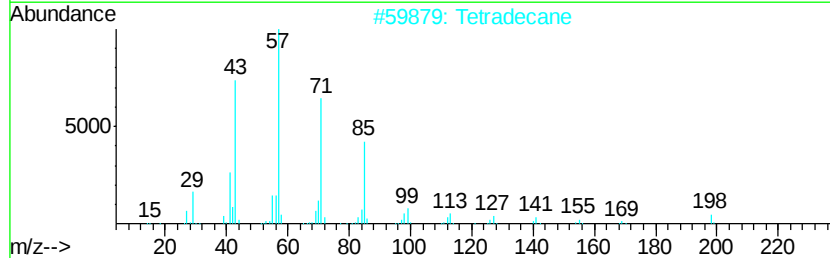
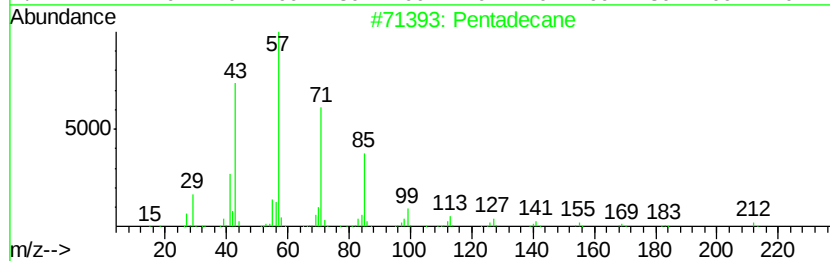
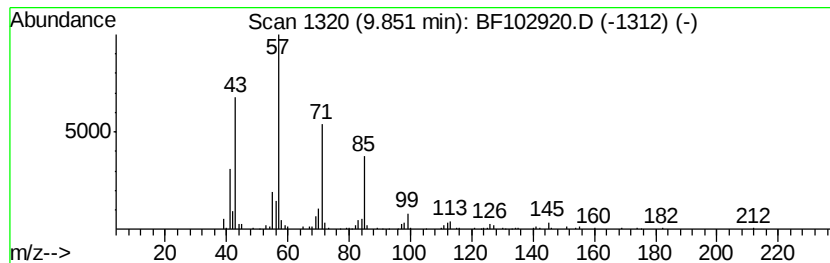
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ClientSampleId :
1-1-4-DENSE-GRADE-AGG-RCARX

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.85	6.07 ng	458880	Acenaphthene-d10	9.92		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	90
2	Tetradecane		198	C14H30	000629-59-4	90
3	Hexadecane		226	C16H34	000544-76-3	87
4	Tridecane		184	C13H28	000629-50-5	83
5	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	80



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
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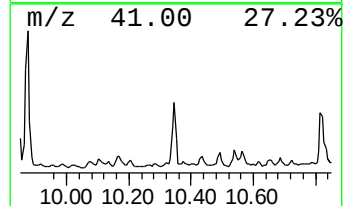
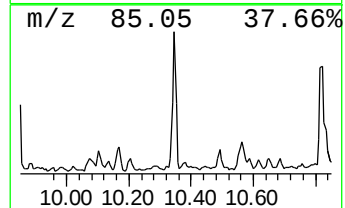
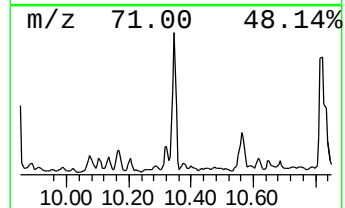
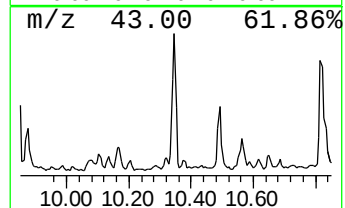
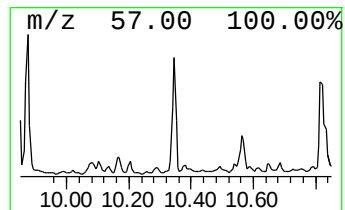
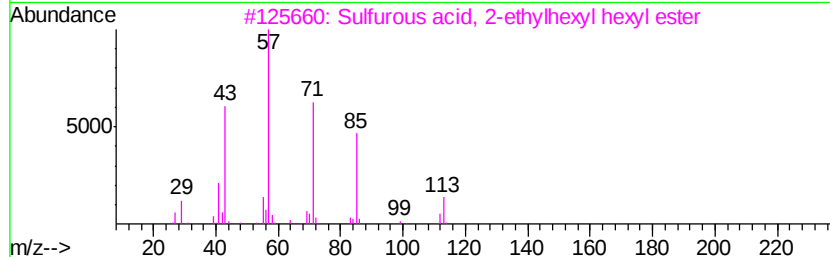
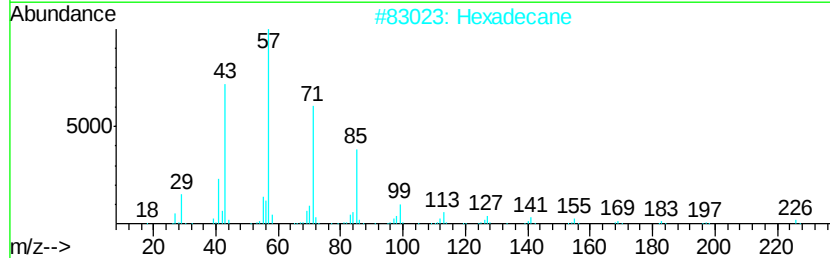
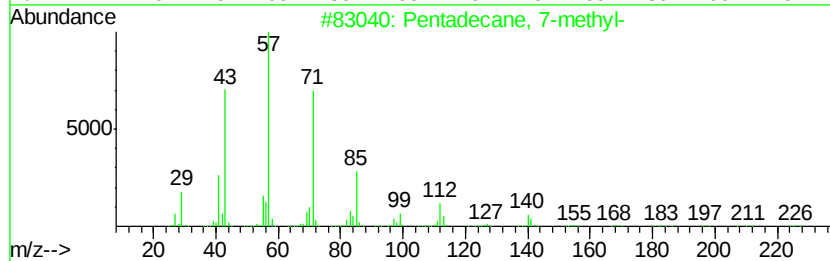
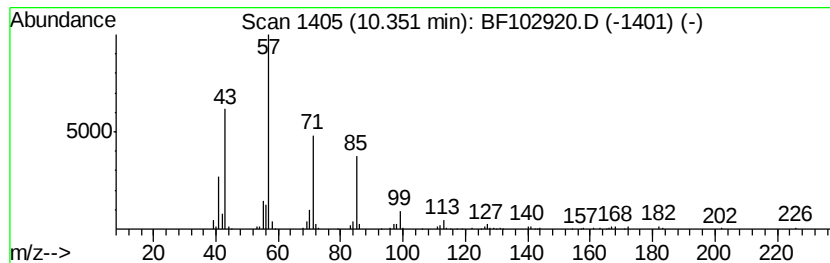
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane, 7-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	5.32 ng	402263	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecane, 7-methyl-	226 C16H34	006165-40-8 91
2		Hexadecane	226 C16H34	000544-76-3 91
3		Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2 80
4		Tridecane, 6-methyl-	198 C14H30	013287-21-3 72
5		Bacchotricuneatin c	342 C20H22O5	066563-30-2 64



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Operator : SJ/JU
Sample : J1491-01RX
Misc :
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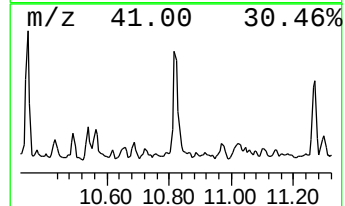
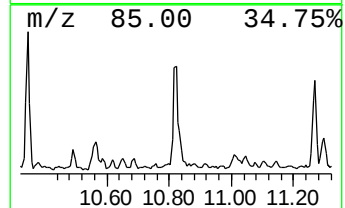
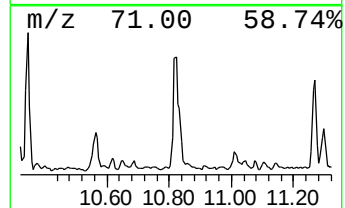
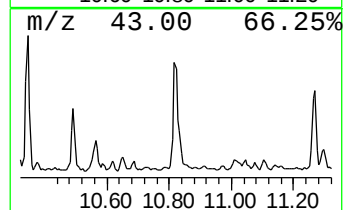
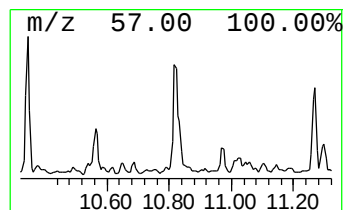
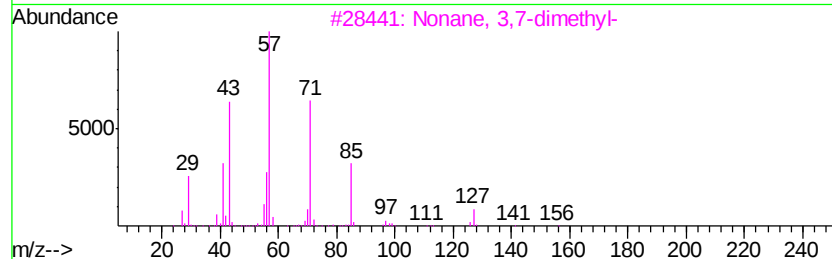
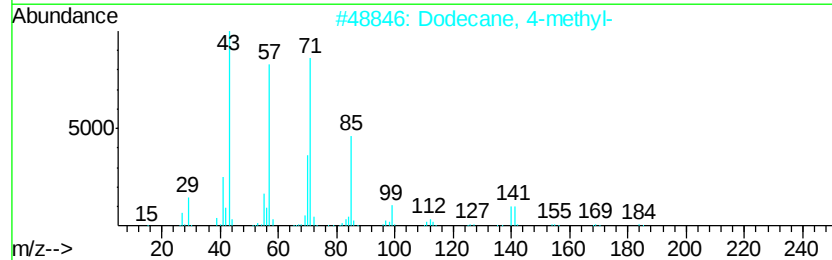
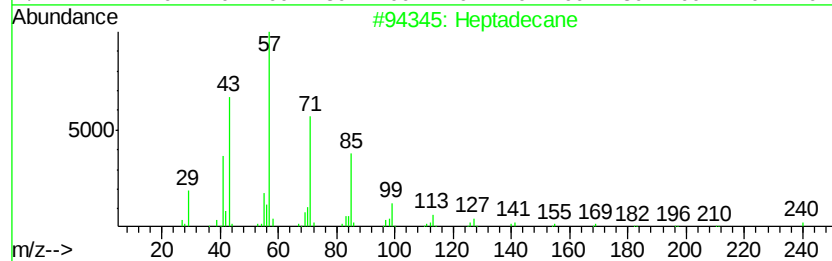
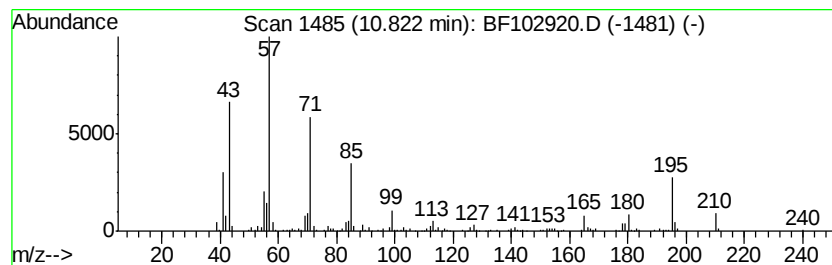
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.82	10.57 ng	635230	Phenanthrene-d10		11.41	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	83
2		Dodecane, 4-methyl-	184	C13H28	006117-97-1	60
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
4		Decane, 5-propyl-	184	C13H28	017312-62-8	53
5		Pentadecane	212	C15H32	000629-62-9	52



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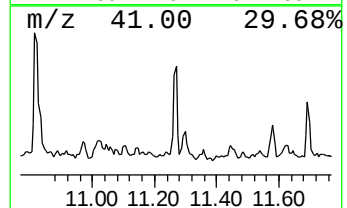
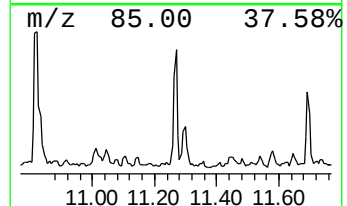
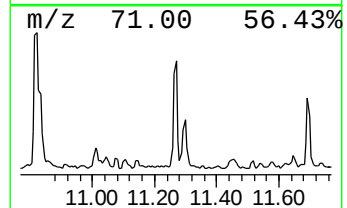
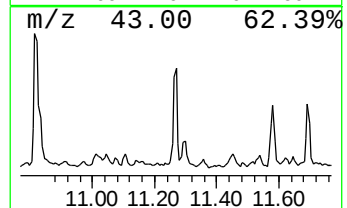
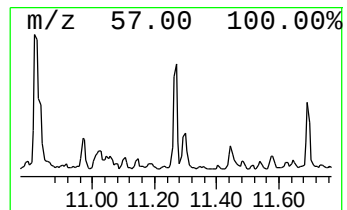
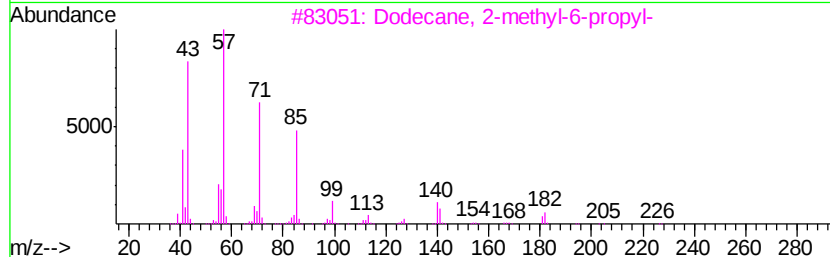
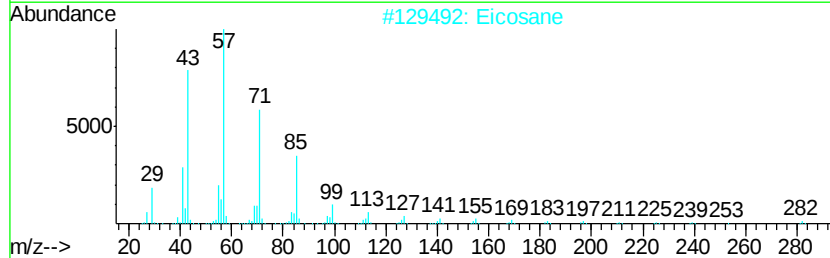
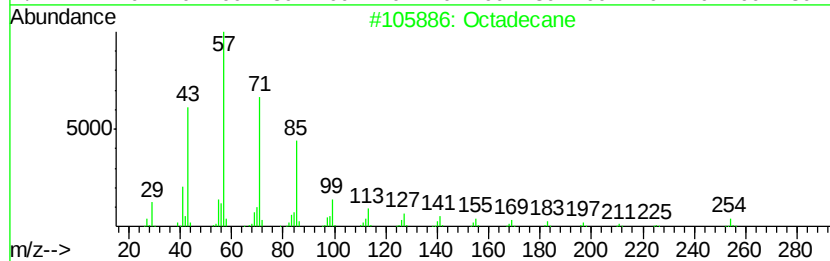
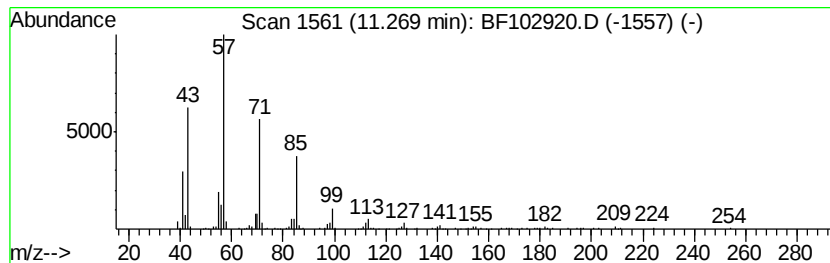
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.27	4.91 ng	295014	Phenanthrene-d10	11.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Eicosane	282	C20H42	000112-95-8	87
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Pentadecane	212	C15H32	000629-62-9	86



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102920.D
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Operator : SJ/JU
Sample : J1491-01RX
Misc :
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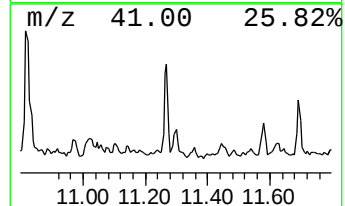
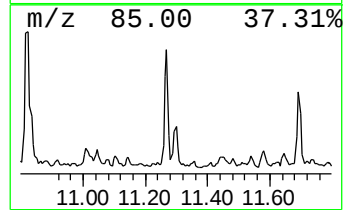
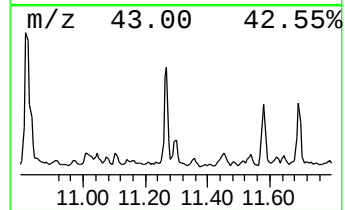
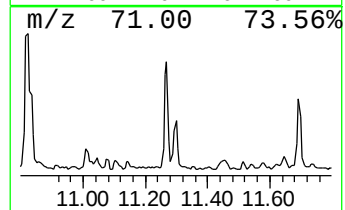
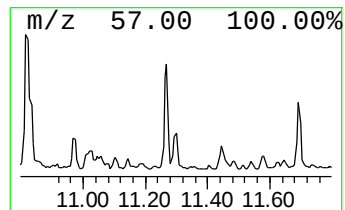
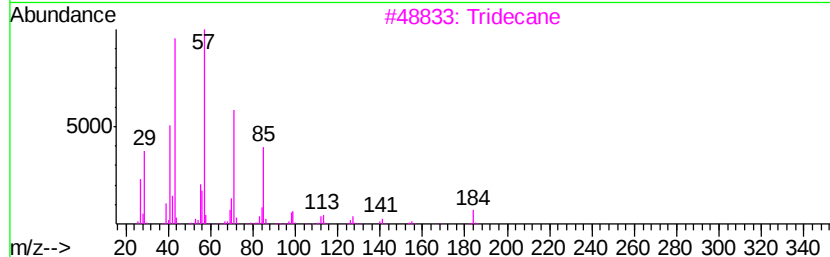
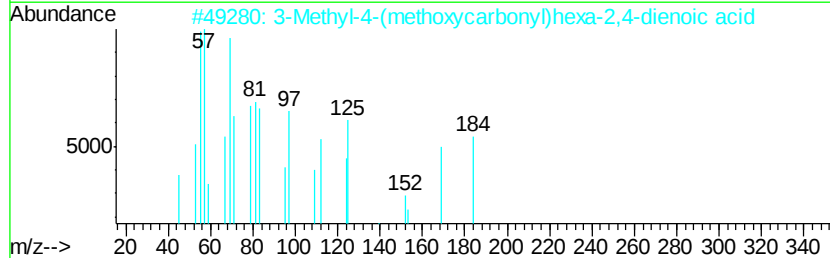
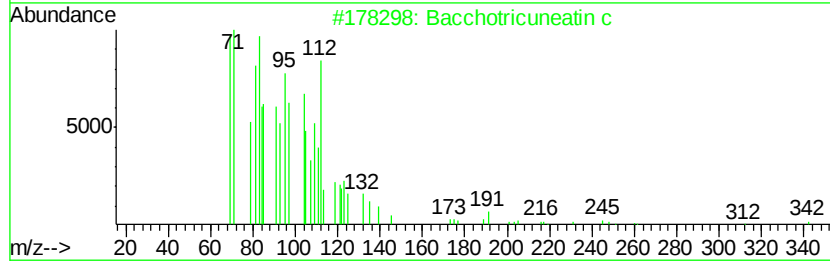
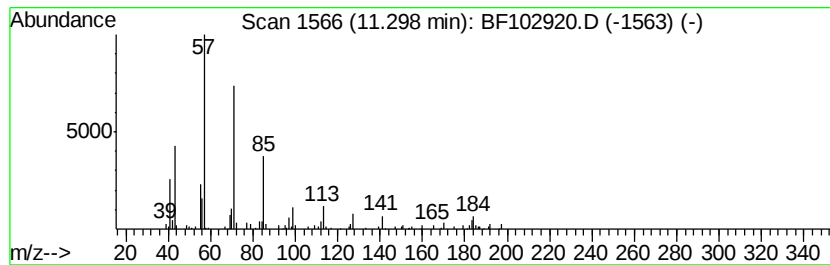
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Bacchotricuneatin c Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.30	3.02 ng	181455	Phenanthrene-d10	11.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	92
2	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	92
3	Tridecane	184	C13H28	000629-50-5	80
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
5	Octacosane	394	C28H58	000630-02-4	78



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102920.D
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Operator : SJ/JU
Sample : J1491-01RX
Misc :
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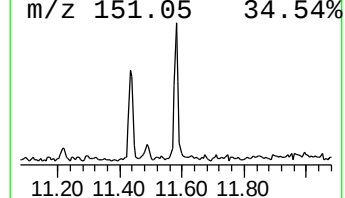
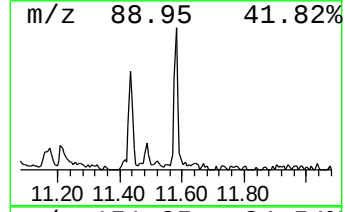
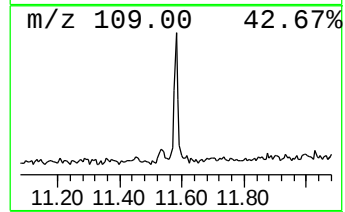
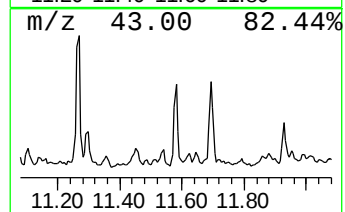
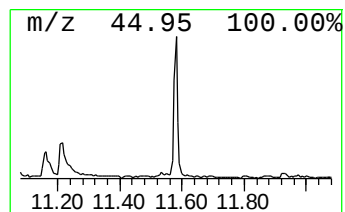
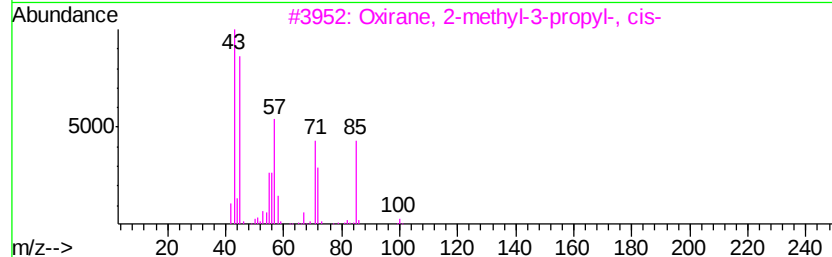
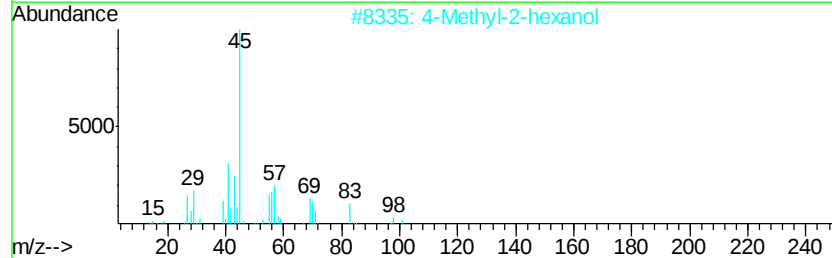
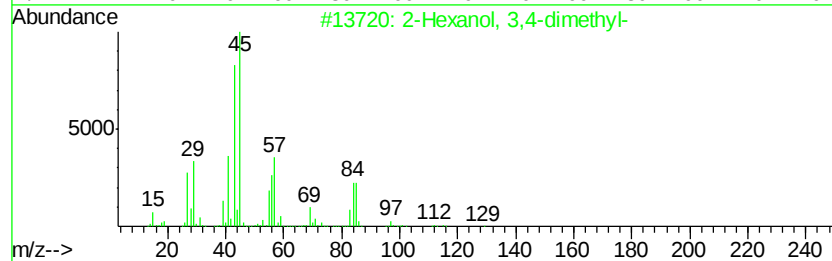
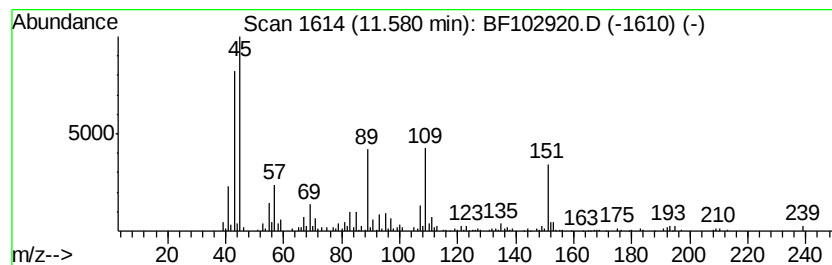
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown11.58 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	3.39 ng	203458	Phenanthrene-d10	11.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 3,4-dimethyl-			130	C8H18O	019550-05-1	22
2	4-Methyl-2-hexanol			116	C7H16O	002313-61-3	22
3	Oxirane, 2-methyl-3-propyl-, cis-			100	C6H12O	006124-90-9	22
4	2-Hexanol			102	C6H14O	000626-93-7	22
5	Methane, [(1-ethynylcyclohexyl)o...			168	C10H16O2	005609-21-2	17



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Sample : J1491-01RX
Misc :
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Instrument :
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ClientSampleId :
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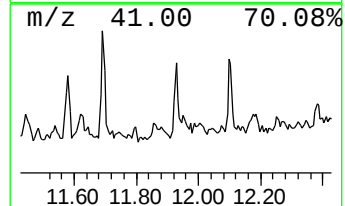
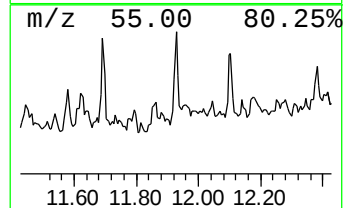
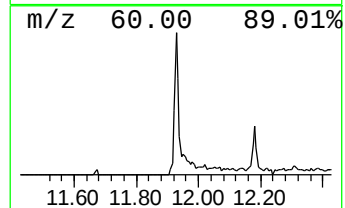
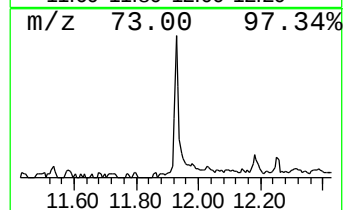
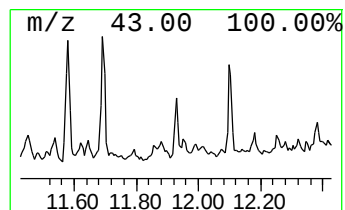
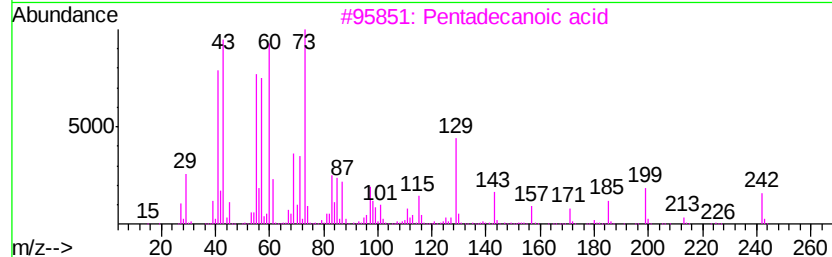
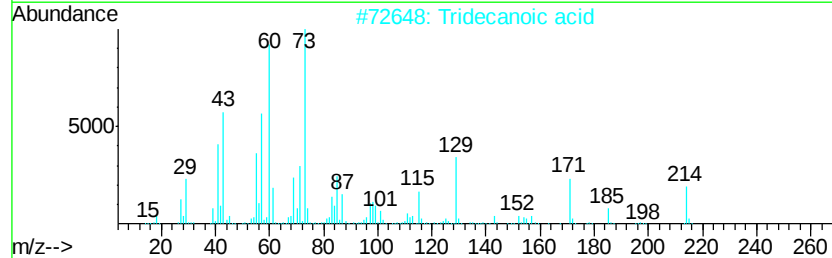
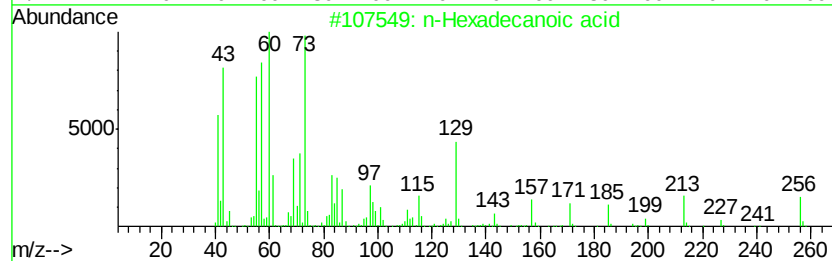
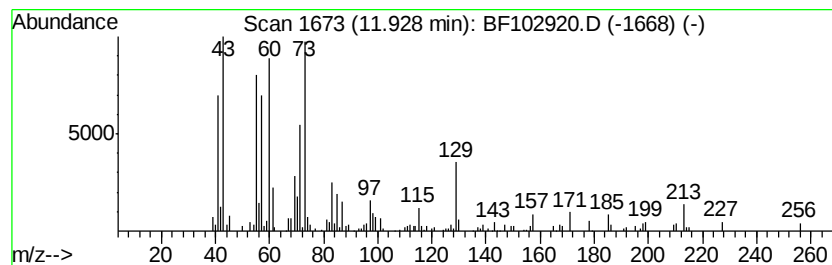
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.81 ng	228907	Phenanthrene-d10	11.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2			Tridecanoic acid	214	C13H26O2	000638-53-9	68
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			Undecanoic acid	186	C11H22O2	000112-37-8	53



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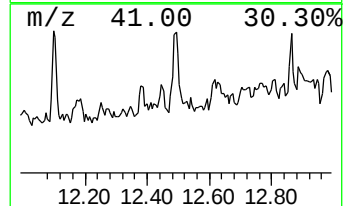
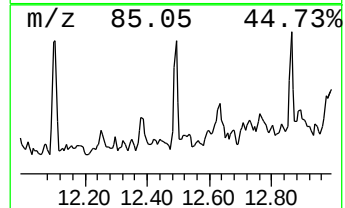
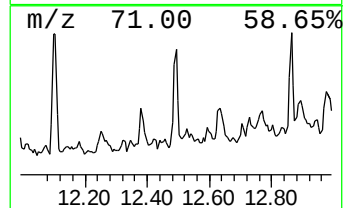
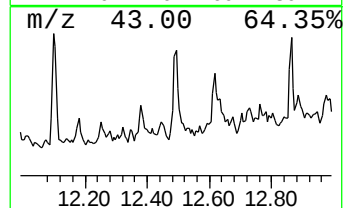
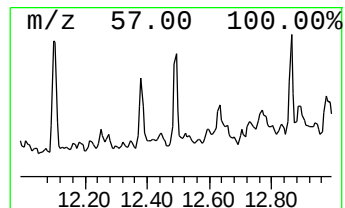
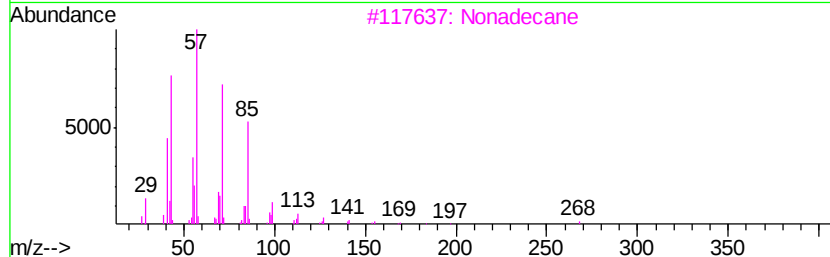
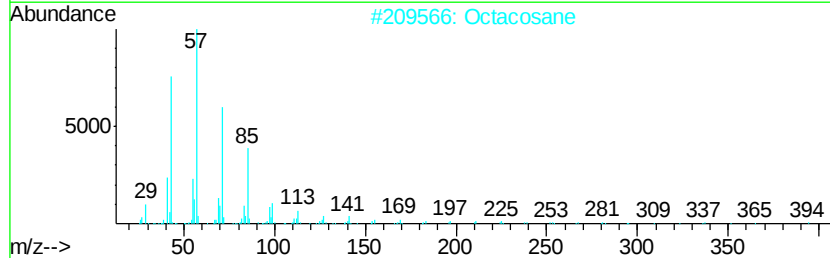
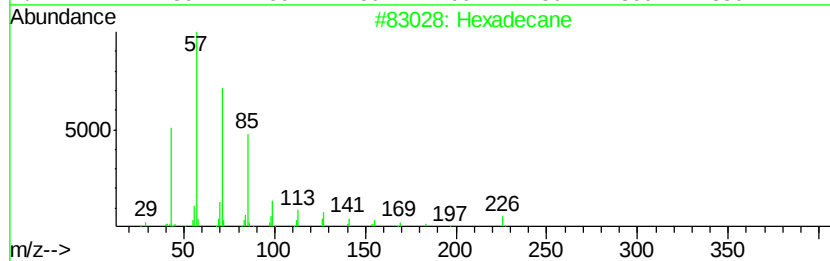
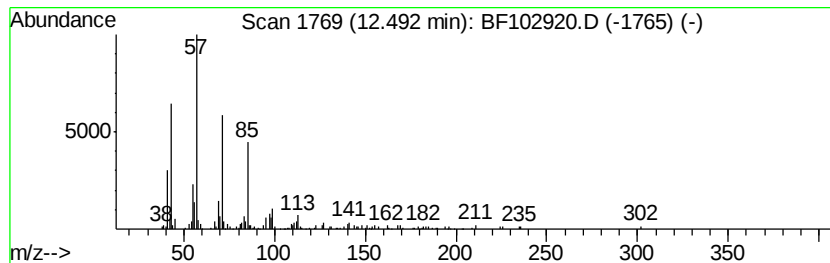
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	3.42 ng	205276	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	87
2		Octacosane	394	C28H58	000630-02-4	83
3		Nonadecane	268	C19H40	000629-92-5	80
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5		Tetradecane	198	C14H30	000629-59-4	80



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ALS Vial : 15 Sample Multiplier: 1

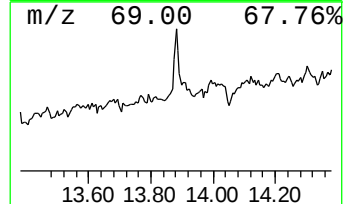
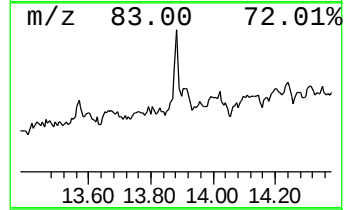
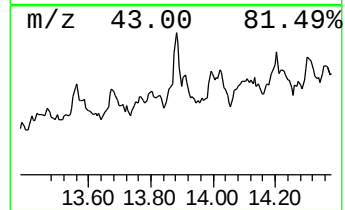
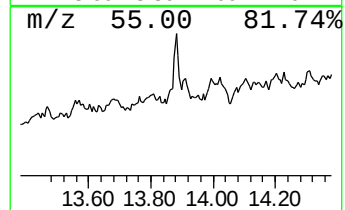
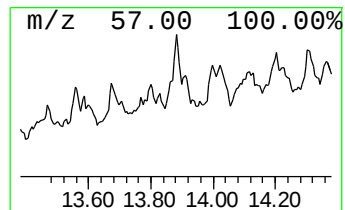
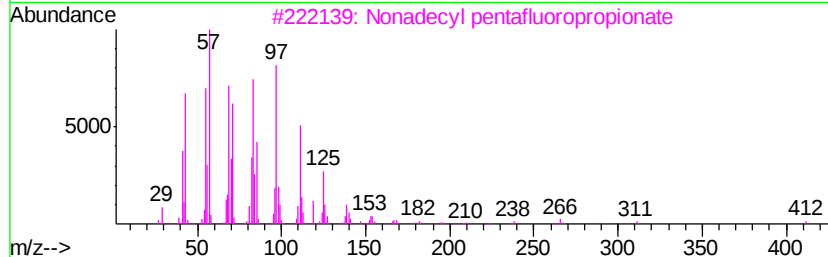
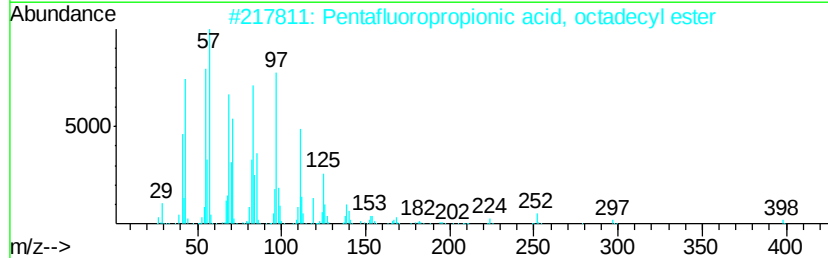
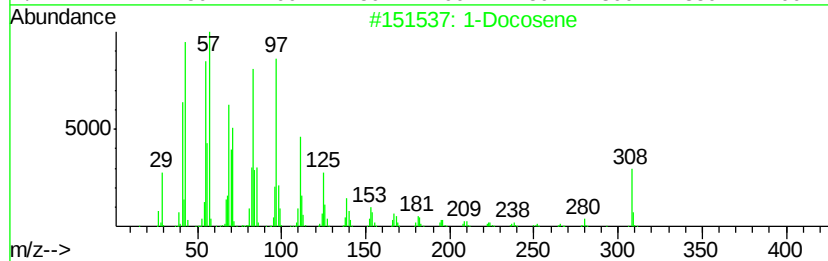
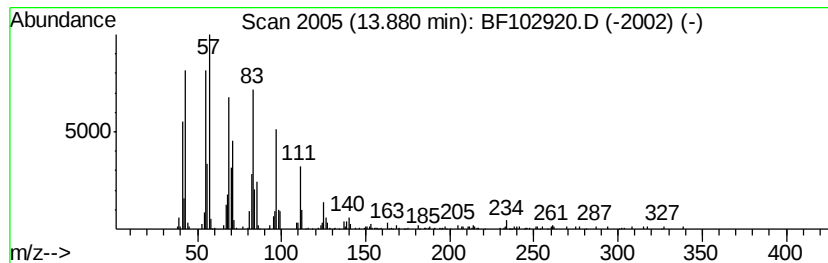
Instrument :
BNA_F
ClientSampleId :
1-1-4-DENSE-GRADE-AGG-RCARX

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Docosene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	4.38 ng	216040	Chrysene-d12	14.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosene	308 C22H44	001599-67-3	91
2	Pentafluoropropionic acid, octad...	416 C21H37F5O2	959261-25-7	91
3	Nonadecyl pentafluoropropionate	430 C22H39F5O2	1000351-88-8	91
4	Trichloroacetic acid, tetradecyl...	358 C16H29Cl3O2	074339-52-9	90
5	Pentafluoropropionic acid, hepta...	402 C20H35F5O2	959218-78-1	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021218\
 Data File : BF102920.D
 Acq On : 12 Feb 2018 15:07
 Operator : SJ/JU
 Sample : J1491-01RX
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-1-4-DENSE-GRADE-AGG-RCARX

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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
Butane, 2-methoxy...	2.19	9.3	ng	599719	1	6.89	1292360	20.0
3-Penten-2-one, 4...	4.50	4.3	ng	277522	1	6.89	1292360	20.0
2-Pentanone, 4-hy...	5.15	174.9	ng	11302700	1	6.89	1292360	20.0
Ethanol, 2,2'-oxy...	6.40	6.1	ng	395258	1	6.89	1292360	20.0
unknown6.65	6.65	9.2	ng	596443	1	6.89	1292360	20.0
Ethanol, 2-(2-but...	8.06	7.4	ng	590407	2	8.17	1592950	20.0
Tetradecane	9.32	3.4	ng	255052	3	9.92	1511050	20.0
2,4,7,9-Tetrameth...	9.35	4.2	ng	320221	3	9.92	1511050	20.0
2-Propanol, 1,1',...	9.57	6.1	ng	461209	3	9.92	1511050	20.0
Pentadecane	9.85	6.1	ng	458880	3	9.92	1511050	20.0
Pentadecane, 7-me...	10.35	5.3	ng	402263	3	9.92	1511050	20.0
Heptadecane	10.82	10.6	ng	635230	4	11.41	1201710	20.0
Octadecane	11.27	4.9	ng	295014	4	11.41	1201710	20.0
Bacchotricuneatin c	11.30	3.0	ng	181455	4	11.41	1201710	20.0
unknown11.58	11.58	3.4	ng	203458	4	11.41	1201710	20.0
n-Hexadecanoic acid	11.93	3.8	ng	228907	4	11.41	1201710	20.0
Hexadecane	12.49	3.4	ng	205276	4	11.41	1201710	20.0
1-Docosene	13.88	4.4	ng	216040	5	14.06	985489	20.0