

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102439.D
 Acq On : 25 Jan 2018 22:25
 Operator : SJ/JU
 Sample : J1256-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-OF-E-W-(NW4-8)

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-BF012218.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	2.775	110	117	122	rBV2	26355	59157	2.25%	0.281%
2	3.246	184	197	204	rBV	84502	212993	8.08%	1.012%
3	3.410	212	225	232	rVB2	95804	214486	8.14%	1.019%
4	3.940	306	315	321	rVB	69837	120229	4.56%	0.571%
5	4.910	477	480	486	rVB	59634	77819	2.95%	0.370%
6	5.328	546	551	564	rBV	2564385	2518602	95.59%	11.967%
7	6.363	722	727	739	rBV	2502585	2634903	100.00%	12.520%
8	6.487	744	748	751	rBV	2839103	2600851	98.71%	12.358%
9	6.716	783	787	792	rBV	932736	747887	28.38%	3.554%
10	6.869	809	813	817	rBV	2082320	1993514	75.66%	9.472%
11	7.281	879	883	887	rBV	1531176	1530945	58.10%	7.274%
12	7.998	1002	1005	1013	rVB	1131772	898970	34.12%	4.272%
13	9.075	1184	1188	1191	rBV	2868541	2456327	93.22%	11.672%
14	9.151	1198	1201	1203	rBV	78036	69451	2.64%	0.330%
15	9.181	1203	1206	1211	rVB	133608	129645	4.92%	0.616%
16	9.469	1250	1255	1259	rBV	490975	420180	15.95%	1.997%
17	9.610	1277	1279	1284	rBV4	48176	66893	2.54%	0.318%
18	9.657	1284	1287	1289	rBV	74001	57383	2.18%	0.273%
19	9.681	1289	1291	1296	rBV	107234	90790	3.45%	0.431%
20	9.728	1296	1299	1300	rBV3	43553	52904	2.01%	0.251%
21	9.751	1300	1303	1307	rVV2	968285	816193	30.98%	3.878%
22	9.910	1327	1330	1333	rBV4	35642	57391	2.18%	0.273%
23	10.004	1343	1346	1349	rBV3	52481	67775	2.57%	0.322%
24	10.151	1368	1371	1373	rBV3	85559	80023	3.04%	0.380%
25	10.180	1373	1376	1378	rVV	115159	90165	3.42%	0.428%
26	10.398	1411	1413	1418	rVB	94597	93083	3.53%	0.442%
27	10.545	1434	1438	1443	rBV	1163231	1111806	42.20%	5.283%
28	10.598	1445	1447	1454	rVV	112331	189646	7.20%	0.901%
29	10.663	1454	1458	1465	rVV	265982	395541	15.01%	1.879%
30	11.104	1531	1533	1535	rBV	120272	97091	3.68%	0.461%
31	11.133	1535	1538	1543	rVV	343408	352227	13.37%	1.674%
32	11.239	1553	1556	1558	rBV	830168	740625	28.11%	3.519%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

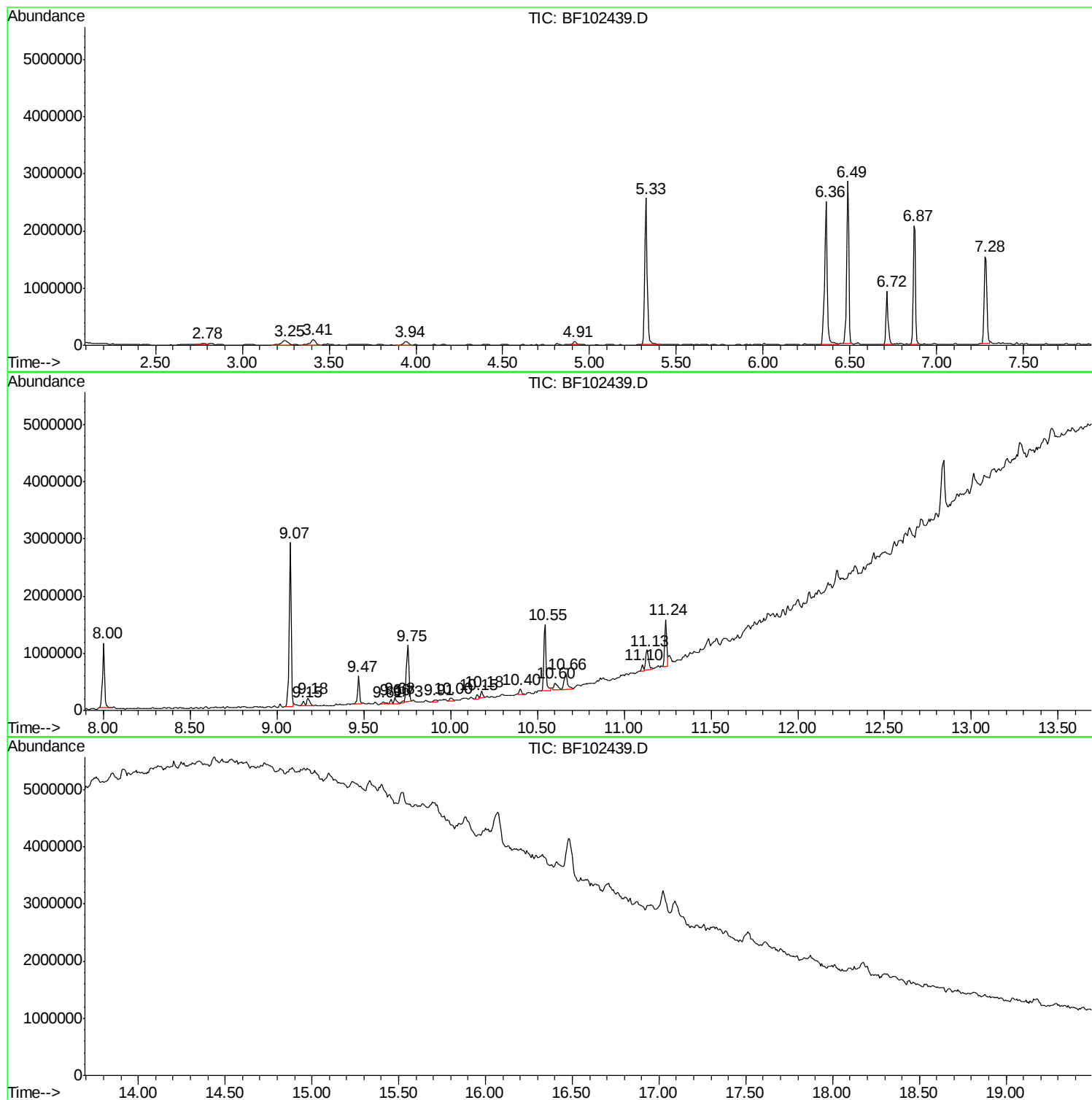
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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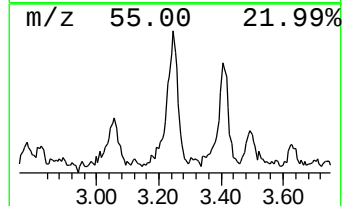
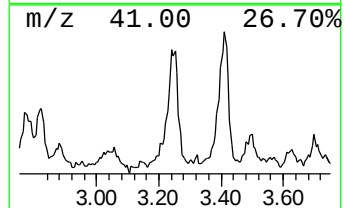
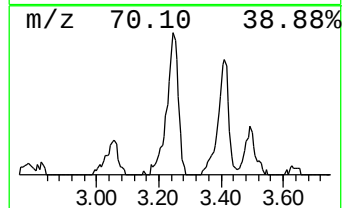
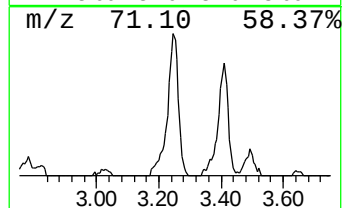
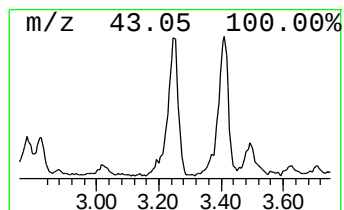
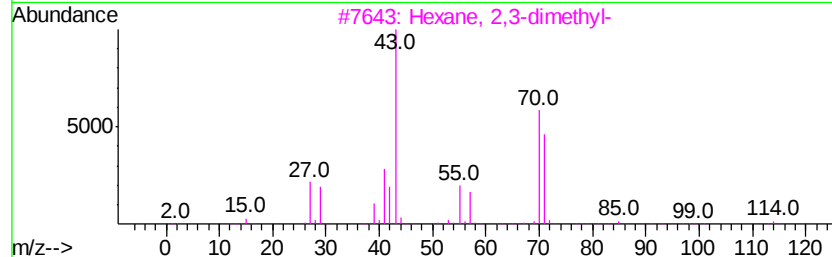
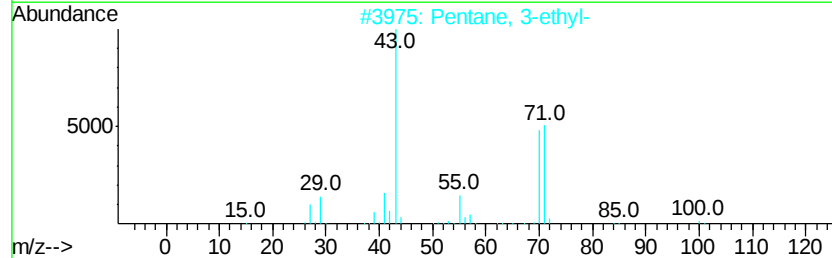
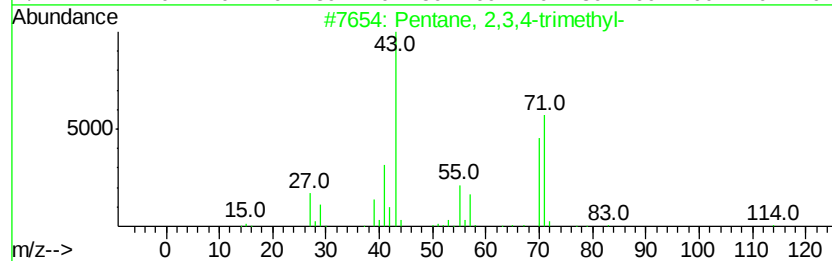
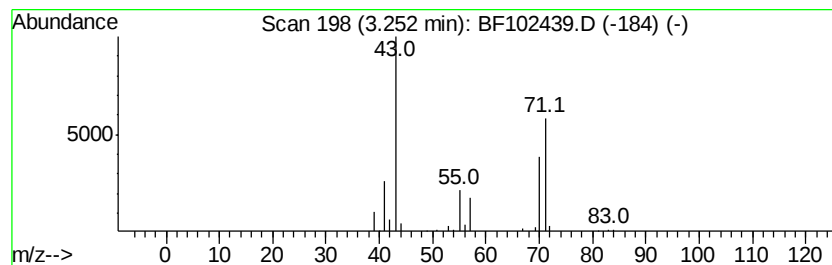
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Pentane, 2,3,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.25	5.70 ng	212993	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2			Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3			Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	40
4			Propanoic acid, 2-methyl-, 2-eth...	286	C16H30O4	074367-30-9	38
5			Pentane, 2-nitro-	117	C5H11NO2	004609-89-6	37



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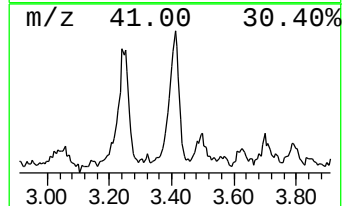
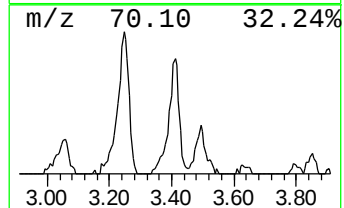
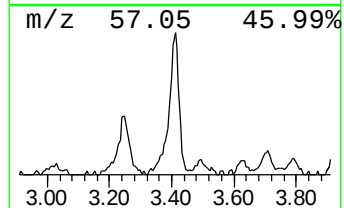
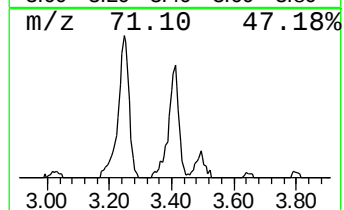
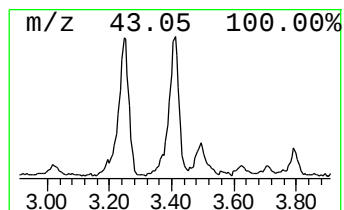
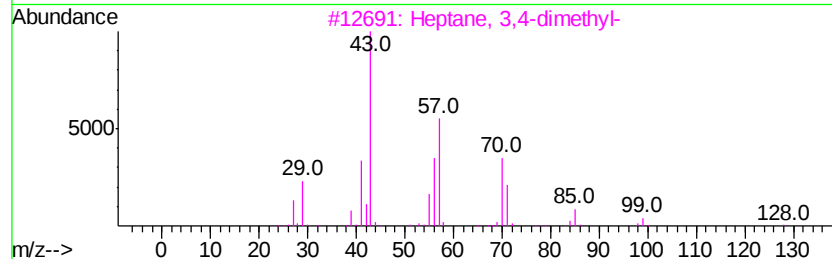
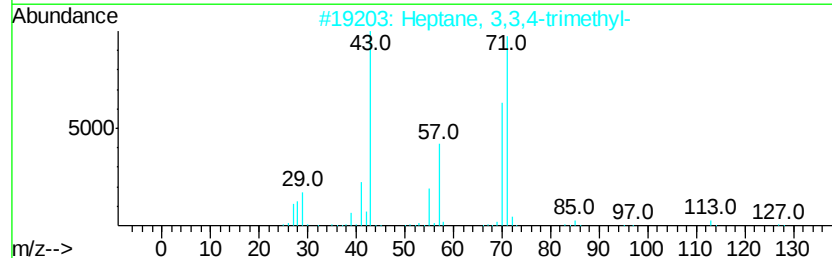
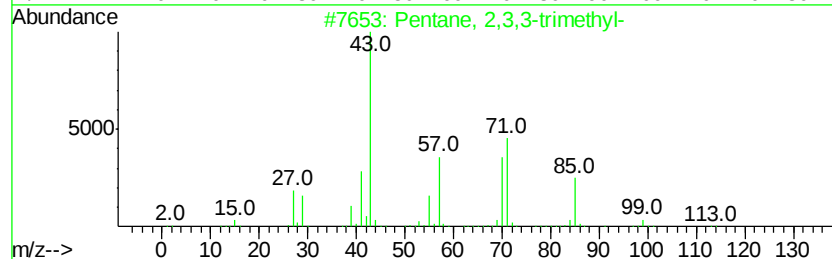
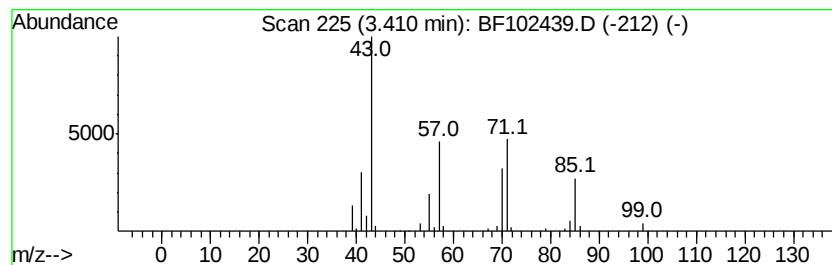
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Pentane, 2,3,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.41	5.74 ng	214486	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2		Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	59
3		Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	50
4		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	45
5		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	45



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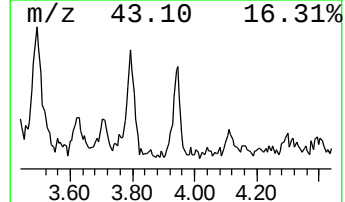
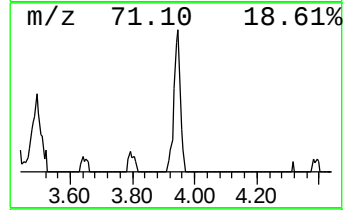
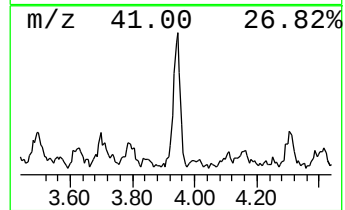
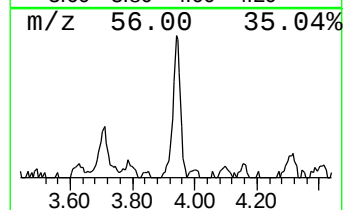
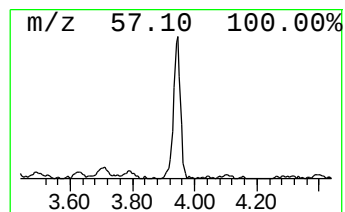
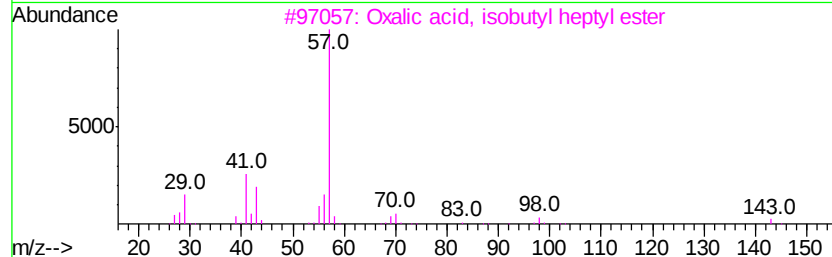
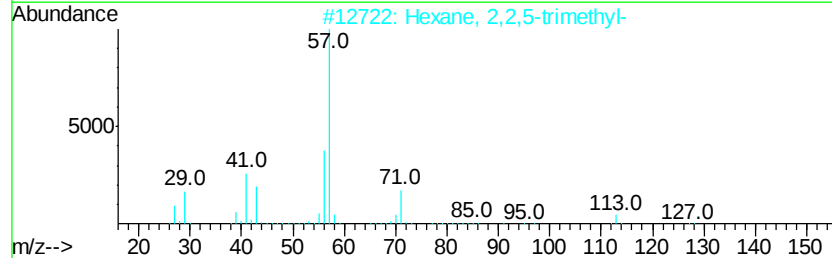
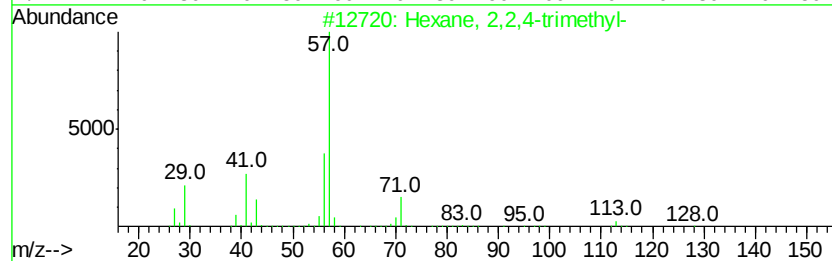
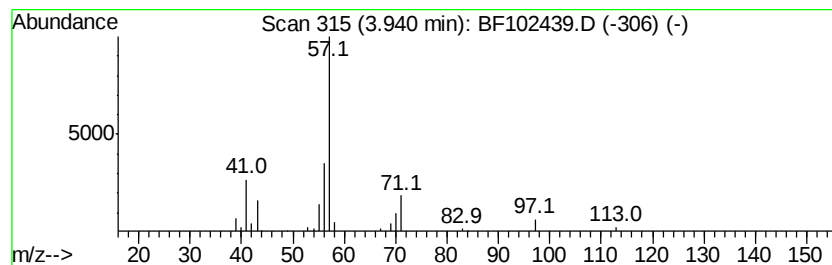
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexane, 2,2,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.94	3.22 ng	120229	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	72
2		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
3		Oxalic acid, isobutyl heptyl ester	244	C13H24O4	1000309-37-2	50
4		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	47
5		Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	47



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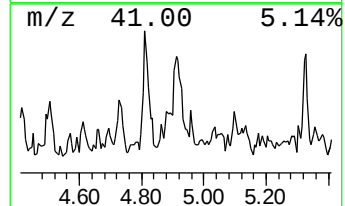
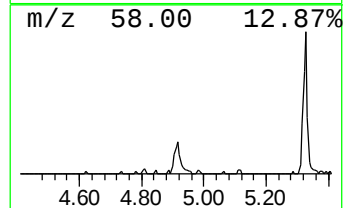
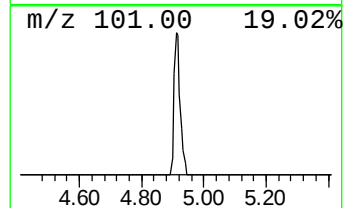
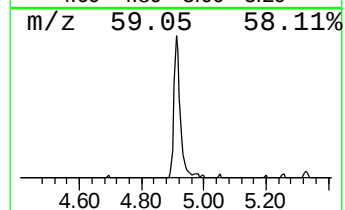
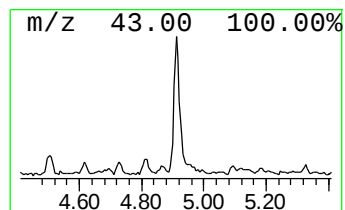
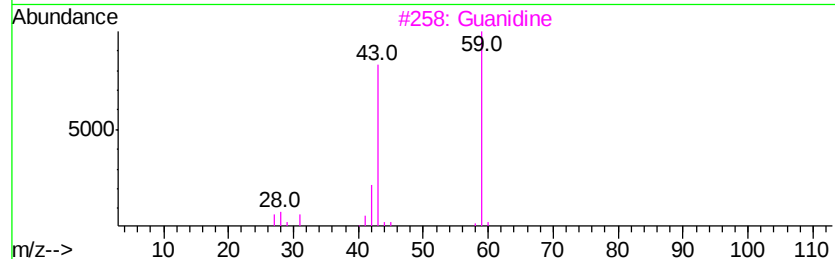
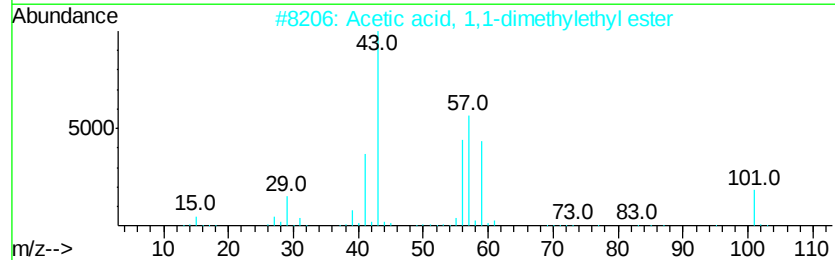
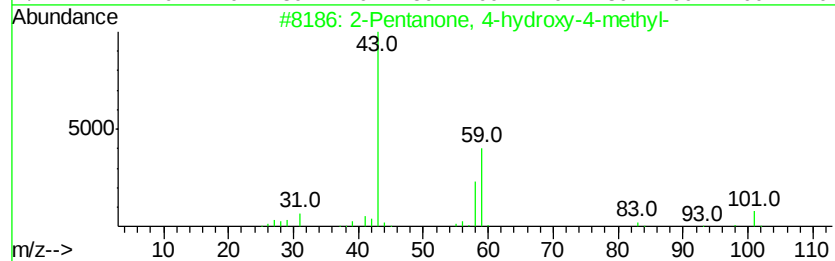
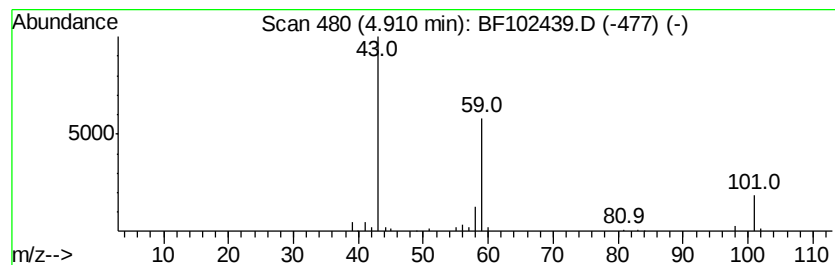
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	2.08 ng	77819	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	50
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	45
3			Guanidine	59	CH5N3	000113-00-8	40
4			3-Hexanol	102	C6H14O	000623-37-0	33
5			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28



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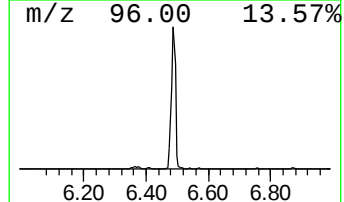
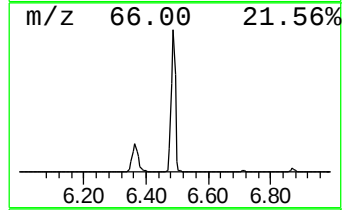
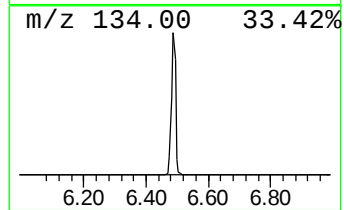
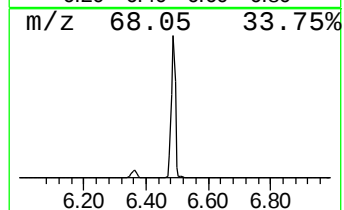
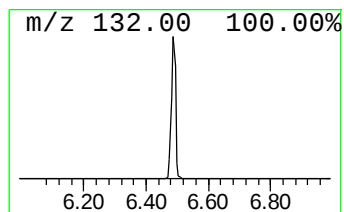
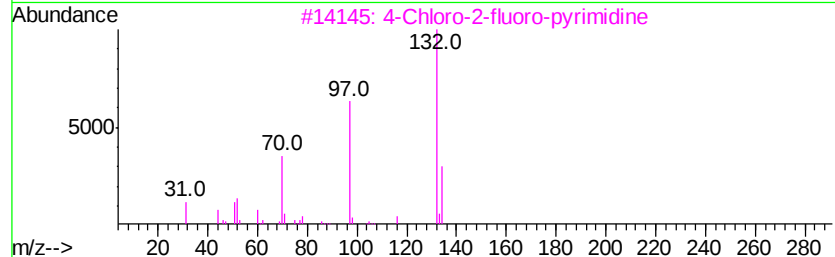
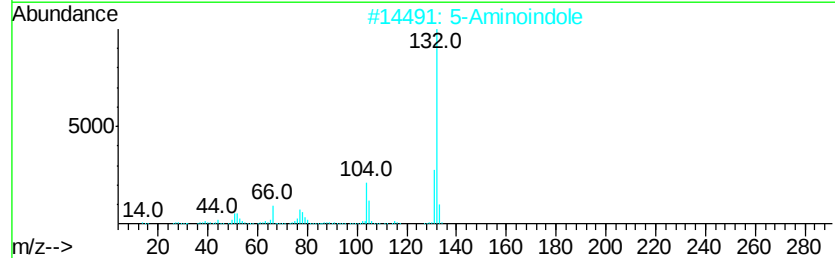
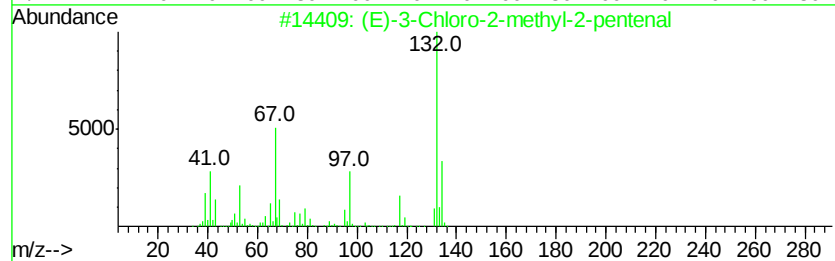
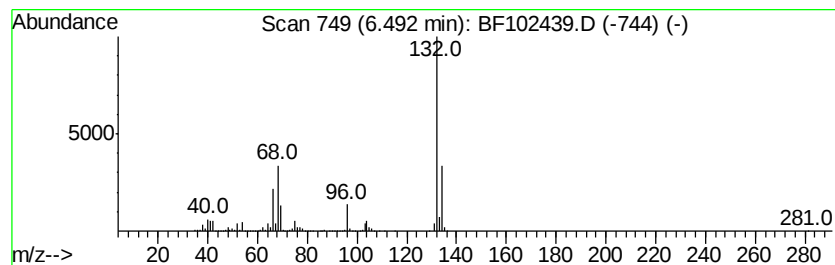
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	69.55 ng	2600850	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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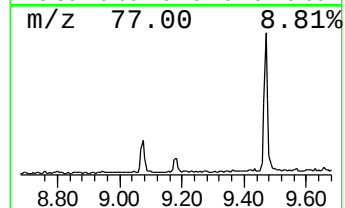
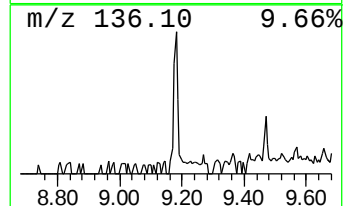
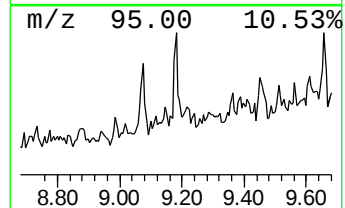
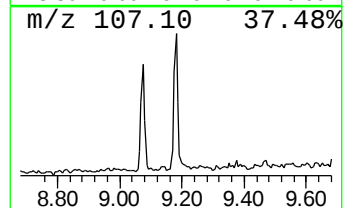
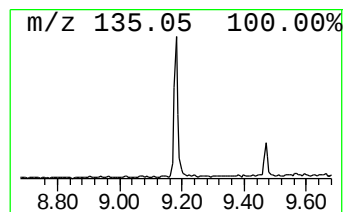
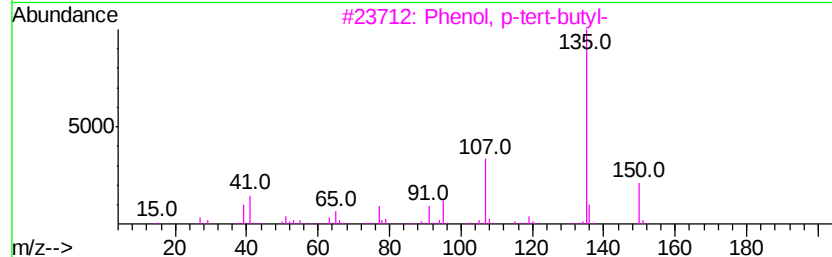
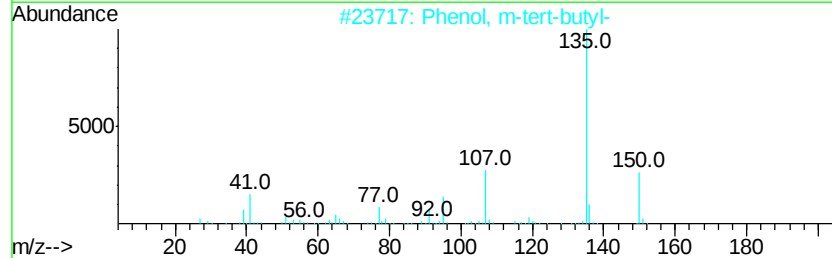
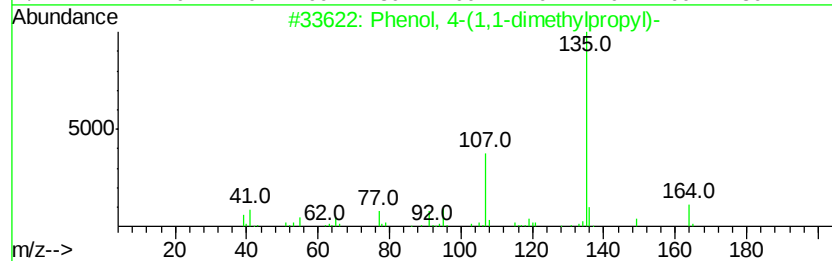
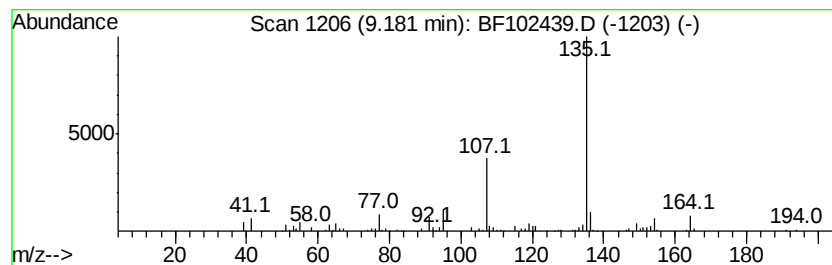
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenol, 4-(1,1-dimethylprop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	3.18 ng	129645	Acenaphthene-d10	9.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	97	
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	87	
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	80	
4	Hexestrol	270	C18H22O2	000084-16-2	59	
5	Hexestrol, O-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	59	



Data Path : U:\HPCHEM1\BNA_F\DATA\BF012518\
Data File : BF102439.D
Acq On : 25 Jan 2018 22:25
Operator : SJ/JU
Sample : J1256-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

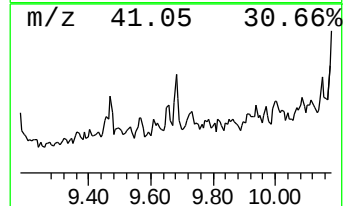
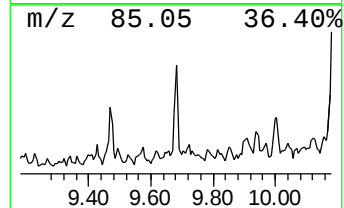
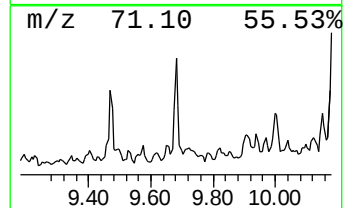
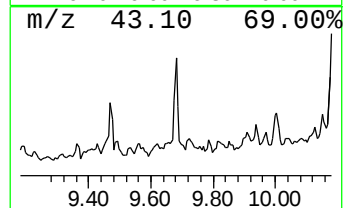
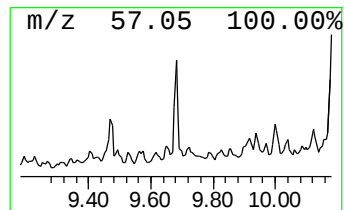
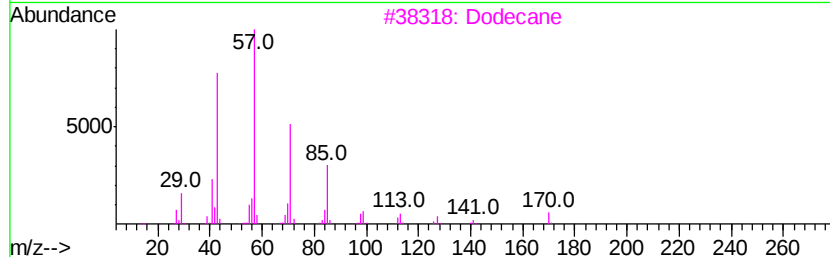
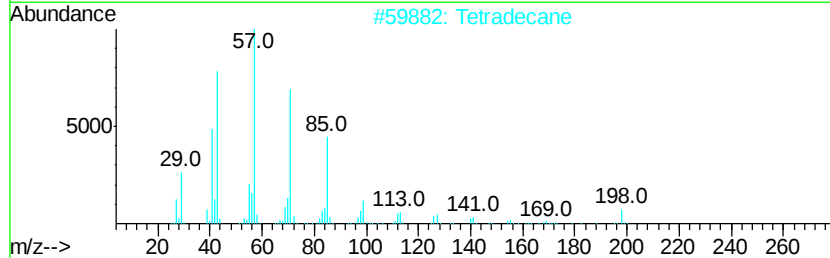
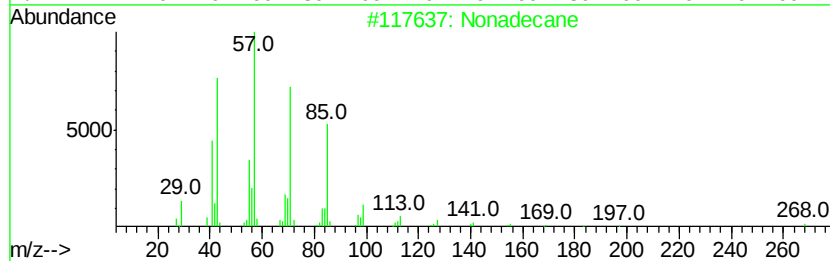
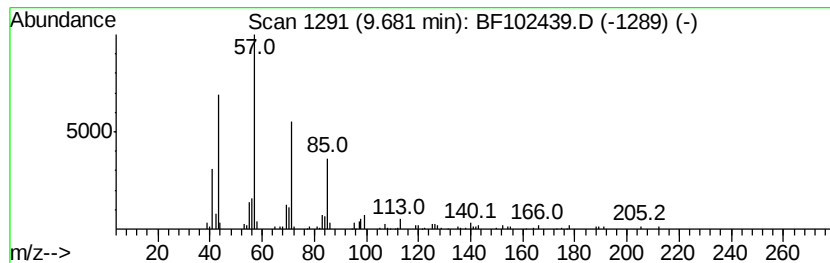
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ClientSampleId :
DB-OF-E-W-(NW4-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	2.22 ng	90790	Acenaphthene-d10	9.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonadecane	268 C19H40	000629-92-5	78
2	Tetradecane	198 C14H30	000629-59-4	78
3	Dodecane	170 C12H26	000112-40-3	72
4	Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2	59
5	Decane, 2,4-dimethyl-	170 C12H26	002801-84-5	59



Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
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Operator : SJ/JU
Sample : J1256-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

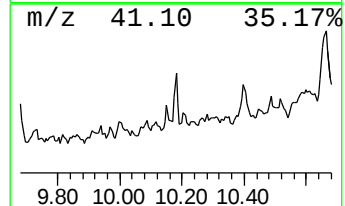
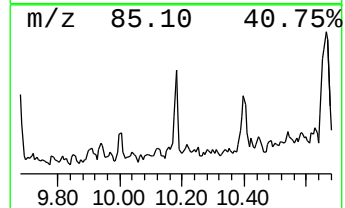
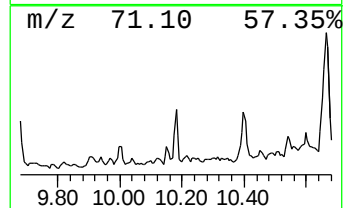
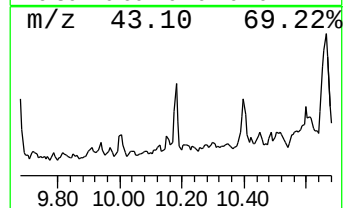
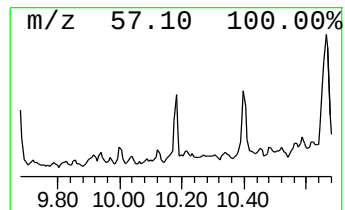
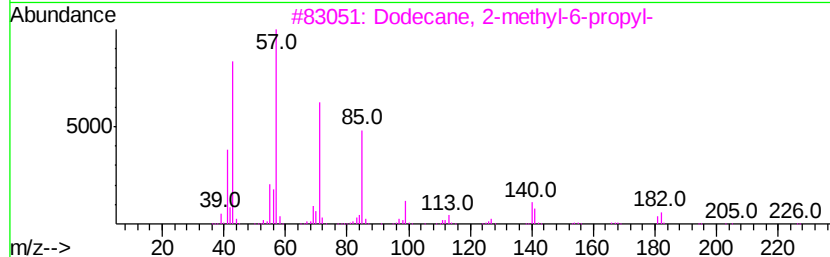
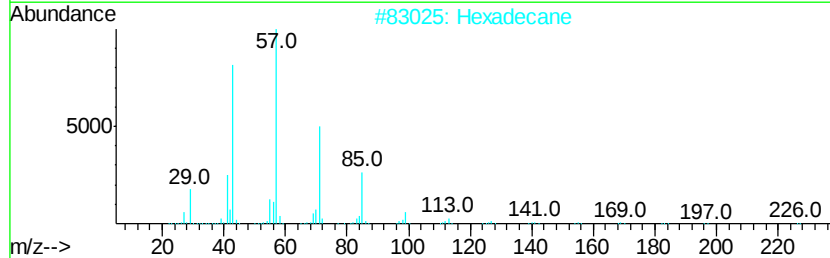
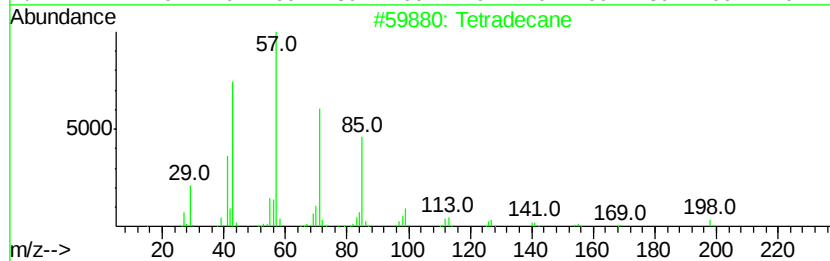
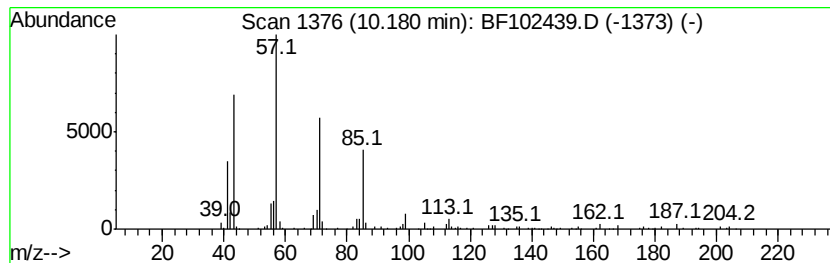
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	2.21 ng	90165	Acenaphthene-d10	9.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 83
2		Hexadecane	226 C16H34	000544-76-3 80
3		Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4 80
4		Decane, 2,4,6-trimethyl-	184 C13H28	062108-27-4 78
5		Tridecane	184 C13H28	000629-50-5 64



Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
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Operator : SJ/JU
Sample : J1256-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

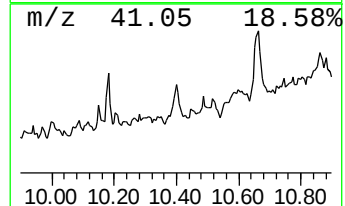
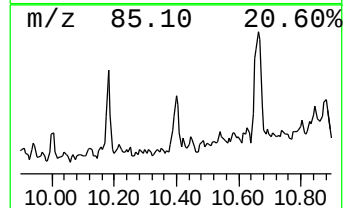
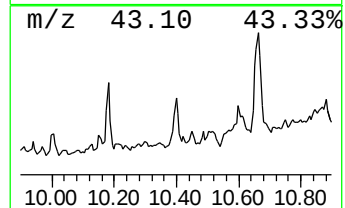
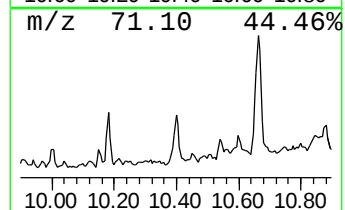
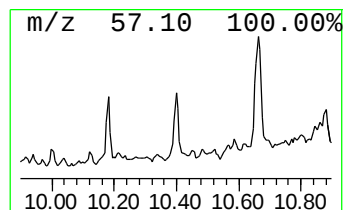
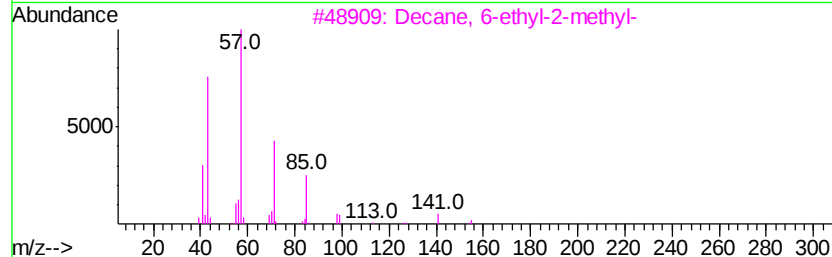
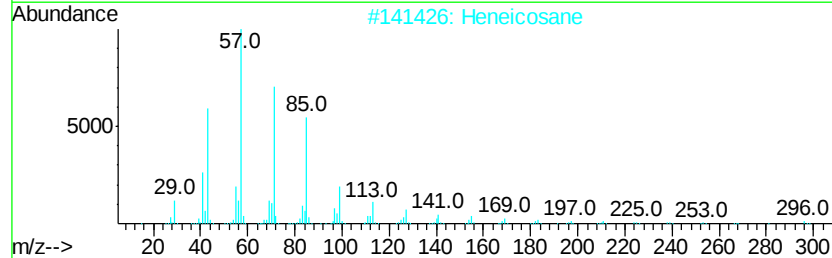
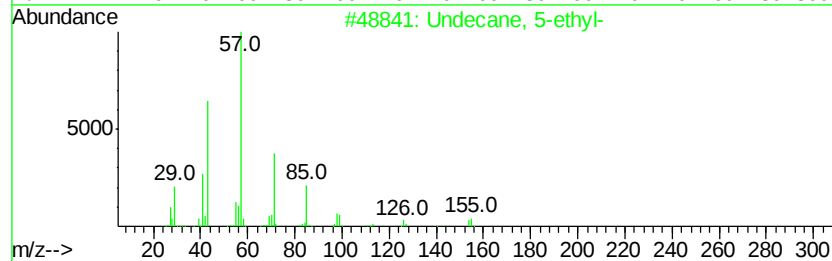
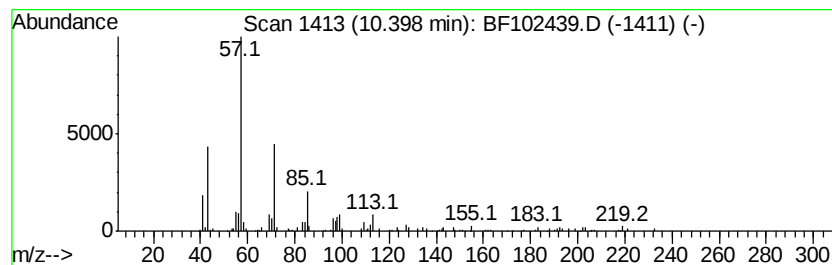
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane, 5-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.40	2.28 ng	93083	Acenaphthene-d10	9.75	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-	184	C13H28	017453-94-0	59
2	Heneicosane	296	C21H44	000629-94-7	59
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	58
5	Tetradecane	198	C14H30	000629-59-4	53



Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
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Sample : J1256-04
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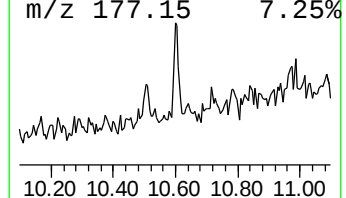
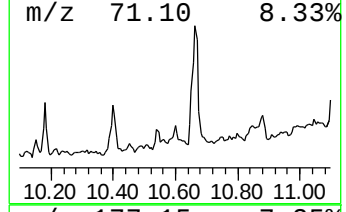
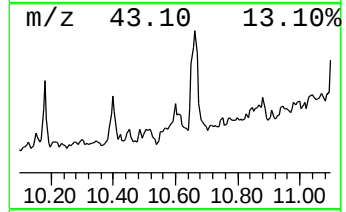
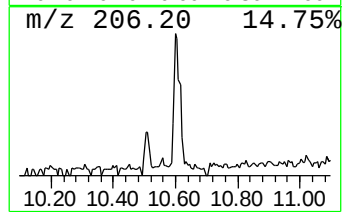
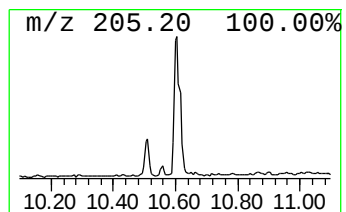
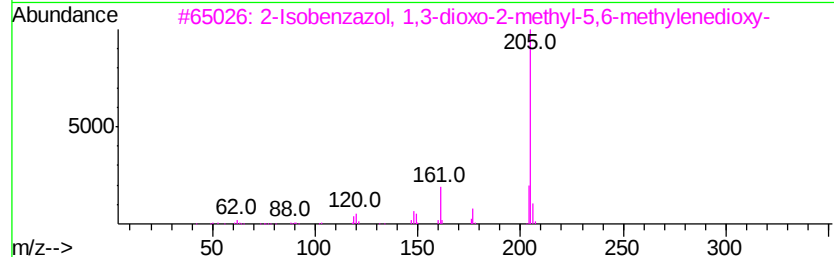
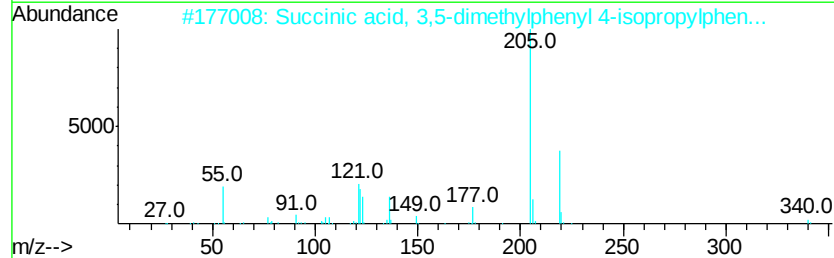
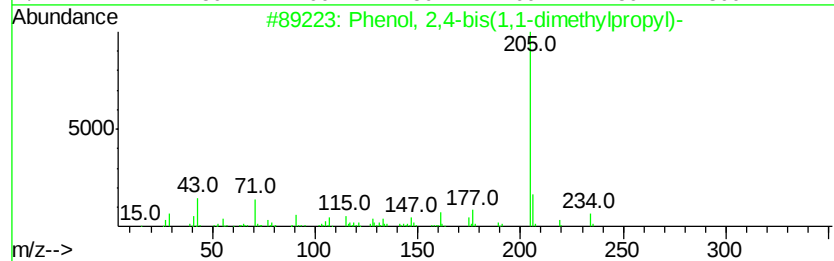
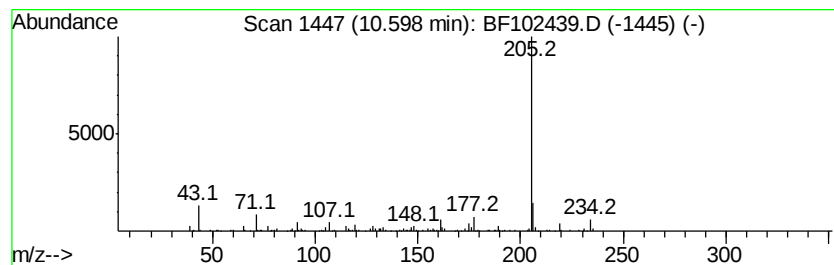
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenol, 2,4-bis(1,1-dimethy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.60	5.12 ng	189646	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-bis(1,1-dimethylprop...	234	C16H26O	000120-95-6	94
2	Succinic acid, 3,5-dimethylpheny...	340	C21H24O4	1000360-73-3	64
3	2-Isobenzazol, 1,3-dioxo-2-methv...	205	C10H7N04	114252-71-0	64
4	7-Phenylisoquinoline	205	C15H11N	070125-65-4	59
5	2,3a-Dimethyl-2,3,3a,5,6,8,9,10-...	206	C13H22N2	1000305-46-6	53



Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102439.D
Acq On : 25 Jan 2018 22:25
Operator : SJ/JU
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Misc :
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Instrument :
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ClientSampleId :
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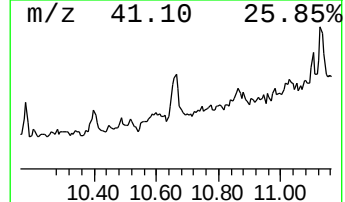
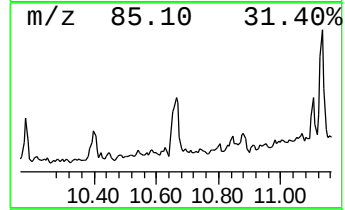
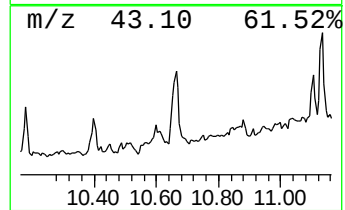
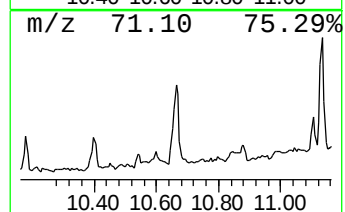
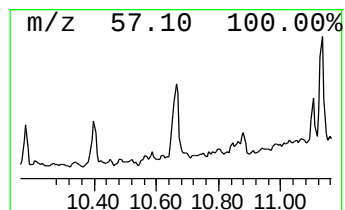
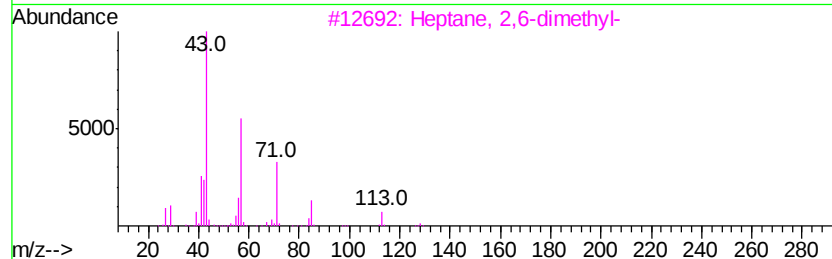
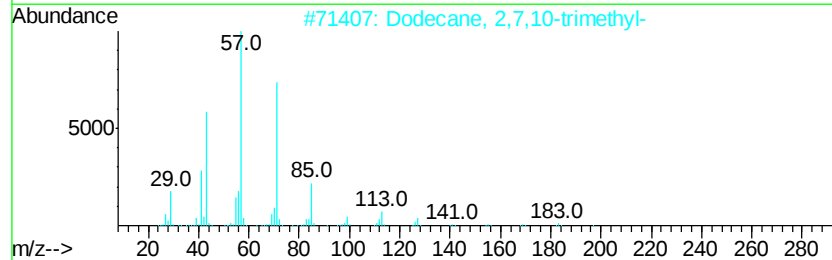
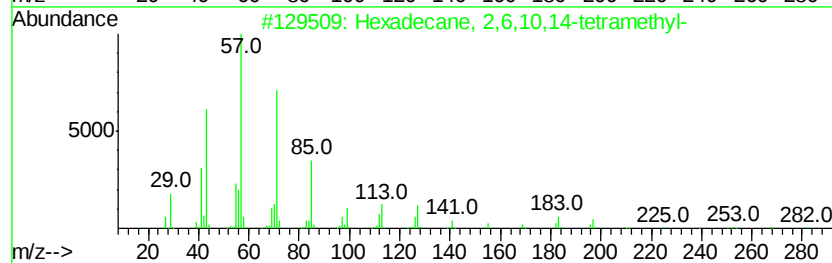
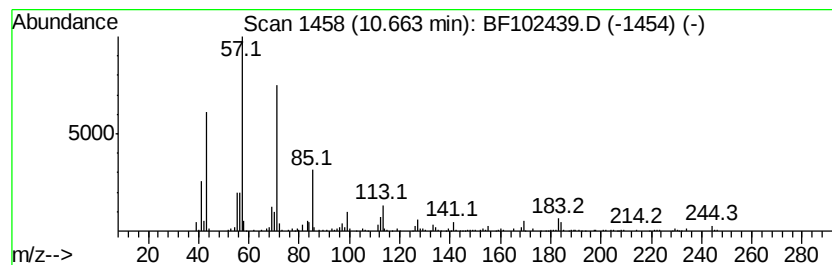
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane, 2,6,10,14-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	10.68 ng	395541	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
3		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	83
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	80
5		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	80



Data Path : U:\HPCHEM1\BNA_F\DATA\BF012518\
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Acq On : 25 Jan 2018 22:25
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ALS Vial : 10 Sample Multiplier: 1

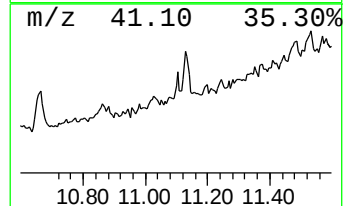
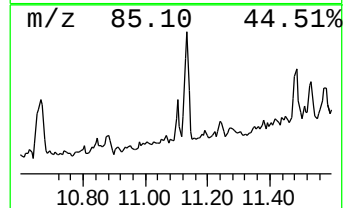
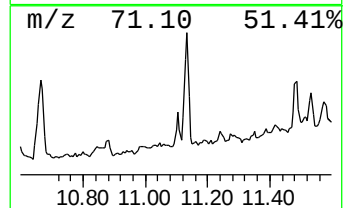
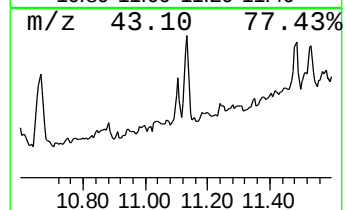
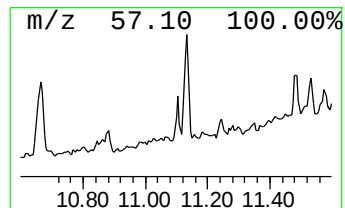
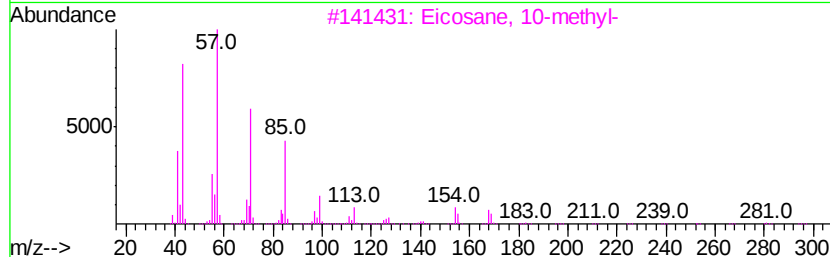
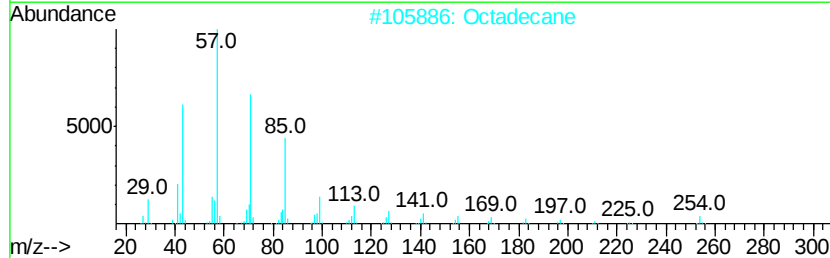
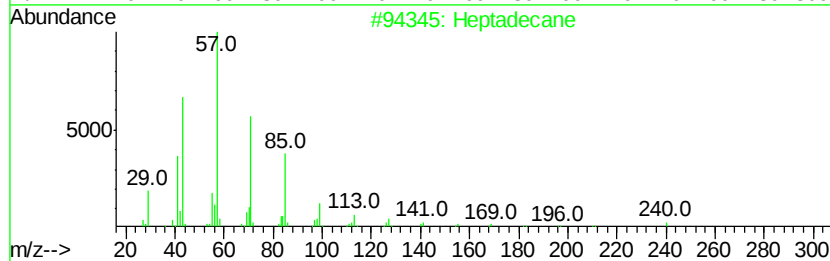
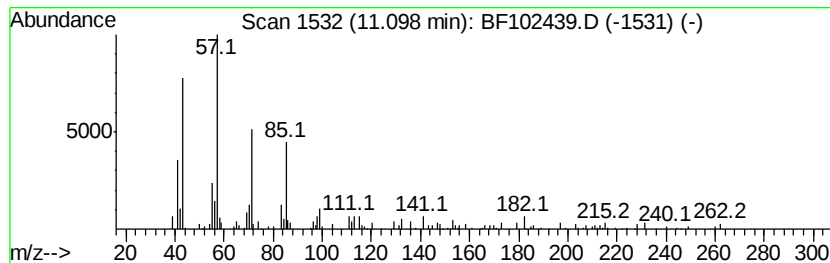
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.10	2.62 ng	97091	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Octadecane	254	C18H38	000593-45-3	87
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4	Octacosane	394	C28H58	000630-02-4	86
5	Tetratetracontane	619	C44H90	007098-22-8	86



Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102439.D
Acq On : 25 Jan 2018 22:25
Operator : SJ/JU
Sample : J1256-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-OF-E-W-(NW4-8)

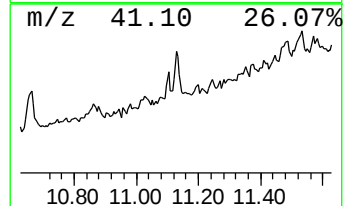
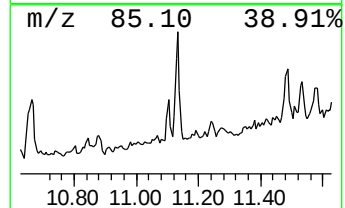
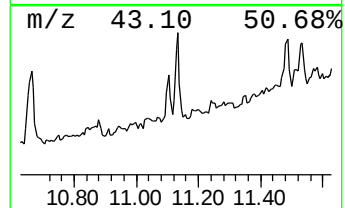
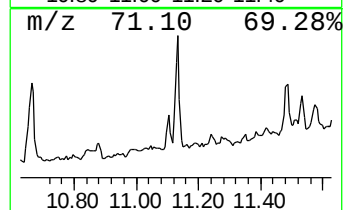
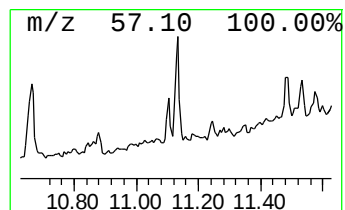
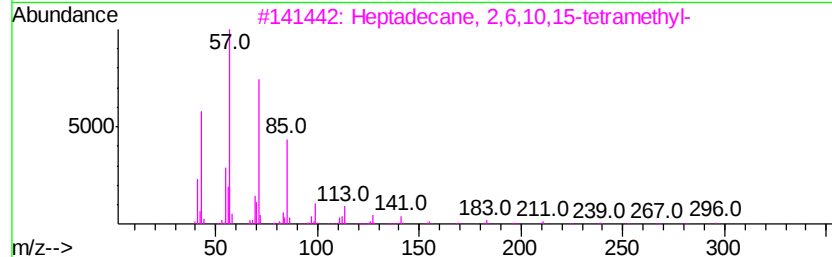
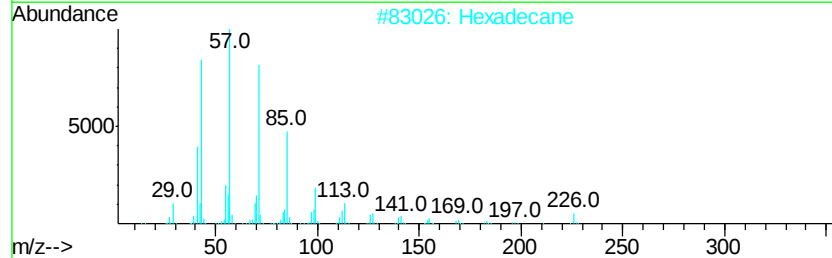
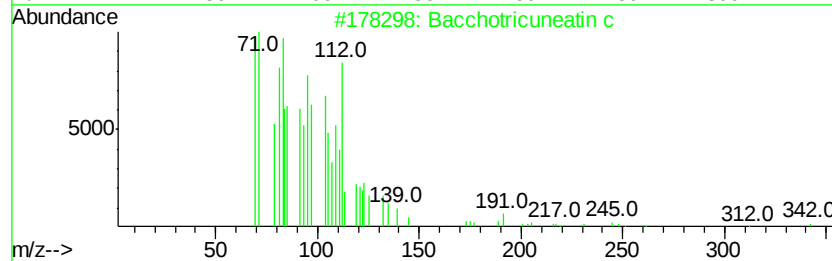
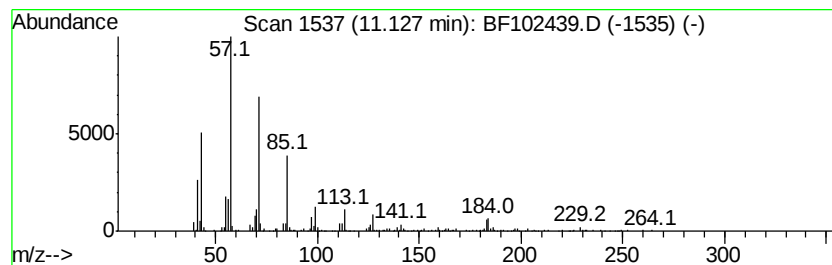
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Bacchotricuneatin c Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	9.51 ng	352227	Phenanthrene-d10	11.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bacchotricuneatin c	342	C20H22O5	066563-30-2	92
2		Hexadecane	226	C16H34	000544-76-3	90
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4		Eicosane	282	C20H42	000112-95-8	86
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	86



Data Path : U:\HPCHEM1\BNA_F\DATA\BF012518\
 Data File : BF102439.D
 Acq On : 25 Jan 2018 22:25
 Operator : SJ/JU
 Sample : J1256-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-OF-E-W-(NW4-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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
Pentane, 2,3,4-tr...	3.25	5.7	ng	212993	1	6.72	747887	20.0
Pentane, 2,3,3-tr...	3.41	5.7	ng	214486	1	6.72	747887	20.0
Hexane, 2,2,4-tri...	3.94	3.2	ng	120229	1	6.72	747887	20.0
2-Pentanone, 4-hy...	4.91	2.1	ng	77819	1	6.72	747887	20.0
unknown6.49	6.49	69.5	ng	2600850	1	6.72	747887	20.0
Phenol, 4-(1,1-di...	9.18	3.2	ng	129645	3	9.75	816193	20.0
Nonadecane	9.68	2.2	ng	90790	3	9.75	816193	20.0
Tetradecane	10.18	2.2	ng	90165	3	9.75	816193	20.0
Undecane, 5-ethyl-	10.40	2.3	ng	93083	3	9.75	816193	20.0
Phenol, 2,4-bis(1...	10.60	5.1	ng	189646	4	11.24	740625	20.0
Hexadecane, 2,6,1...	10.66	10.7	ng	395541	4	11.24	740625	20.0
Heptadecane	11.10	2.6	ng	97091	4	11.24	740625	20.0
Bacchotricuneatin c	11.13	9.5	ng	352227	4	11.24	740625	20.0