

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
 Data File : BF090897.D
 Acq On : 28 Oct 2016 5:13
 Operator : UM/SJ
 Sample : H5423-07 2X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4COMP(0-16FEET)

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-BF102616.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	4.247	187	189	196	rBV	25264	45138	2.65%	0.281%
2	4.921	246	248	257	rBV	527972	598214	35.10%	3.727%
3	5.367	284	287	289	rBV	994790	1321792	77.55%	8.236%
4	6.042	343	346	348	rBV3	18303	21758	1.28%	0.136%
5	6.407	376	378	381	rBV	1167223	1530114	89.78%	9.534%
6	6.545	387	390	392	rBV	1296208	1682957	98.75%	10.486%
7	6.773	408	410	415	rBV	388434	382699	22.45%	2.385%
8	6.933	422	424	426	rBV	1129607	1287217	75.53%	8.020%
9	7.333	457	459	462	rBV	674336	886432	52.01%	5.523%
10	8.065	520	523	525	rBV	497690	494412	29.01%	3.081%
11	9.139	615	617	619	rBV	2094103	1704340	100.00%	10.619%
12	9.539	649	652	654	rBV	380556	403126	23.65%	2.512%
13	9.813	674	676	678	rBV	599121	487164	28.58%	3.035%
14	10.602	742	745	751	rBV	566444	560540	32.89%	3.493%
15	10.728	754	756	760	rVB	39957	46360	2.72%	0.289%
16	11.174	791	795	796	rBV	30278	33761	1.98%	0.210%
17	11.299	804	806	807	rBV	399394	397988	23.35%	2.480%
18	11.368	810	812	814	rVB2	14965	24895	1.46%	0.155%
19	11.596	830	832	834	rBV	17824	23081	1.35%	0.144%
20	11.825	848	852	855	rBV	22930	50941	2.99%	0.317%
21	11.905	858	859	865	rVB	36114	62399	3.66%	0.389%
22	12.351	896	898	899	rBV	23270	23719	1.39%	0.148%
23	12.385	899	901	904	rVV3	22781	56661	3.32%	0.353%
24	12.511	907	912	914	rVV	178055	241810	14.19%	1.507%
25	12.568	914	917	919	rVB3	14389	35043	2.06%	0.218%
26	12.739	929	932	933	rBV	177425	256852	15.07%	1.600%
27	12.888	942	945	947	rBV	1228653	1430016	83.90%	8.910%
28	12.957	949	951	955	rBV4	22248	47732	2.80%	0.297%
29	13.059	958	960	963	rVB	39995	61278	3.60%	0.382%
30	13.174	968	970	974	rBV3	31793	73412	4.31%	0.457%
31	13.791	1022	1024	1028	rBV4	57217	83721	4.91%	0.522%
32	13.928	1034	1036	1042	rBV	440749	801202	47.01%	4.992%
33	14.945	1123	1125	1129	rVB	124772	238477	13.99%	1.486%
34	15.345	1158	1160	1165	rVB	258196	418864	24.58%	2.610%

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ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-4COMP(0-16FEET)

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

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35	15.483	1170	1172	1177	rvB2	127599	235309	13.81%	1.466%
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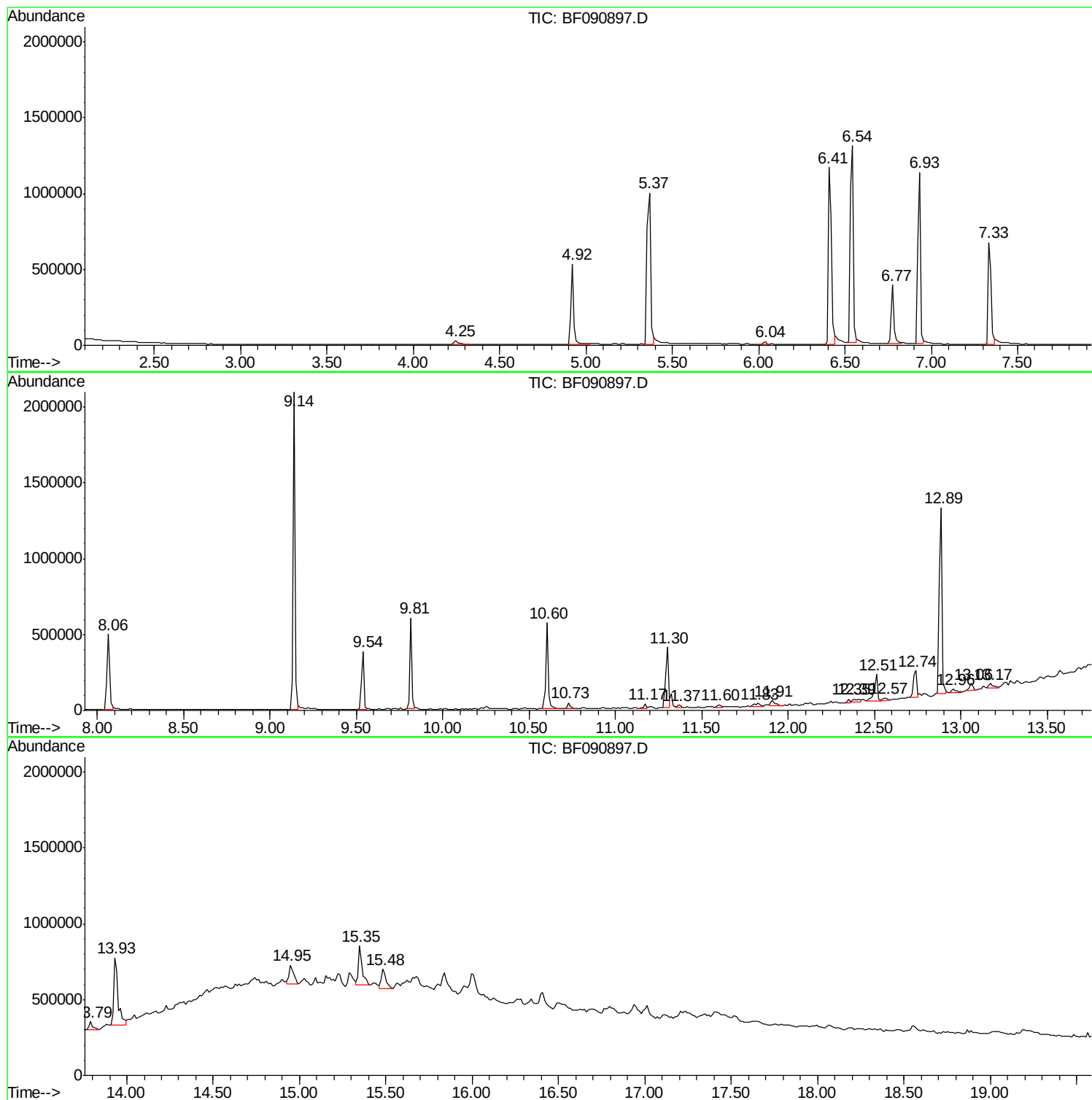
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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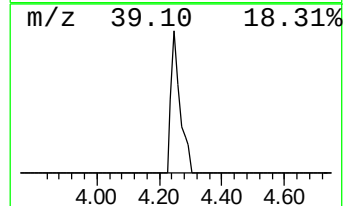
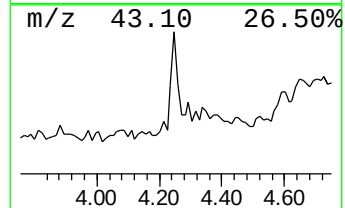
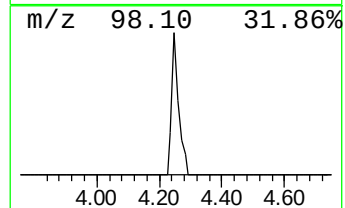
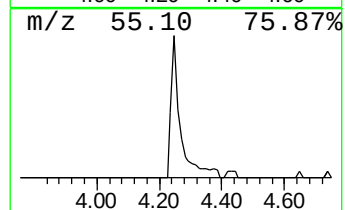
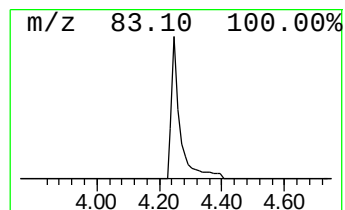
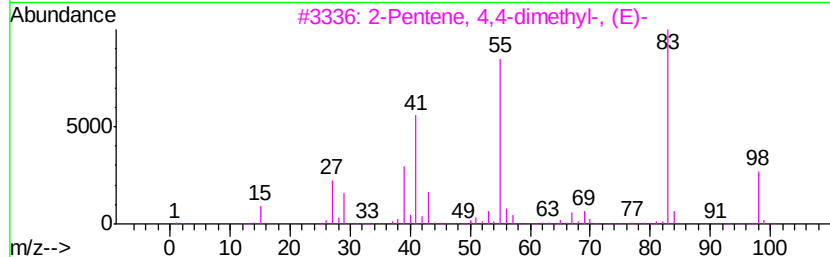
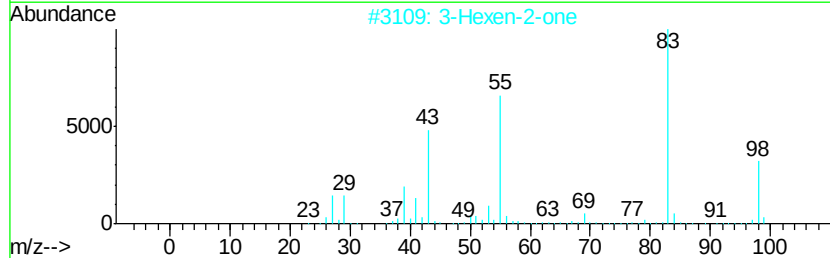
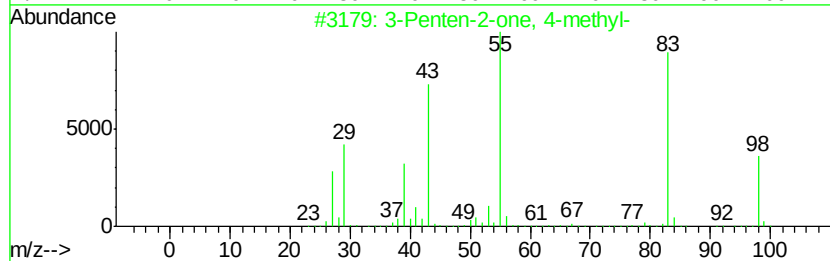
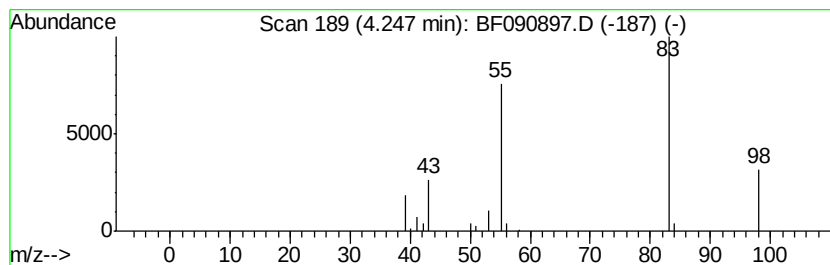
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.25	2.36 ng	45138	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	83
2		3-Hexen-2-one	98	C6H10O	000763-93-9	78
3		2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	72
4		2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	64
5		2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	56



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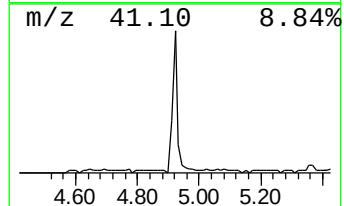
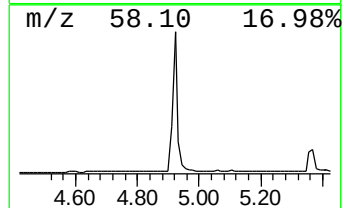
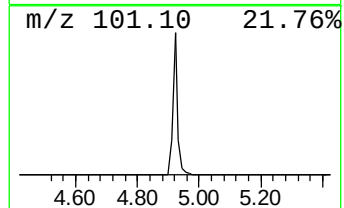
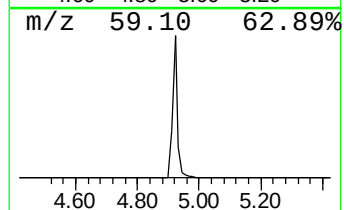
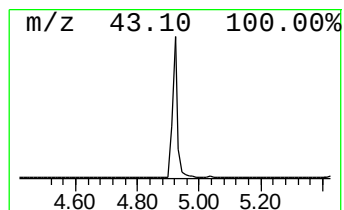
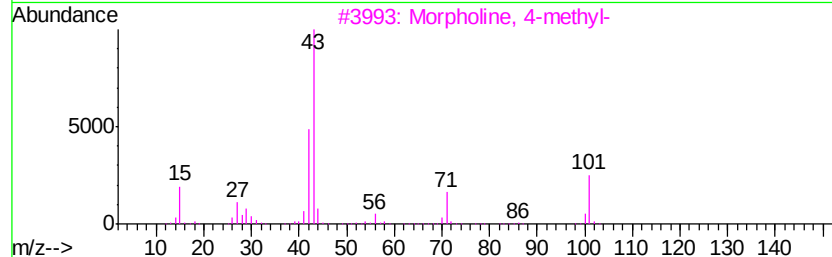
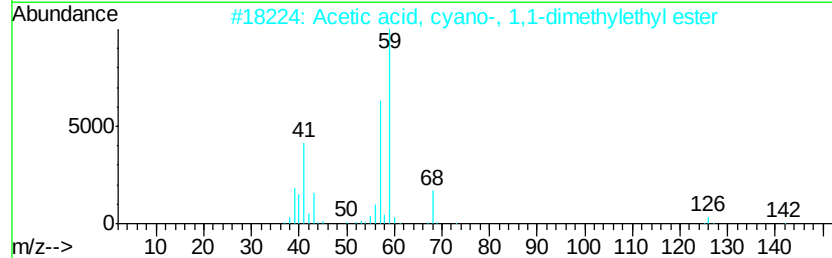
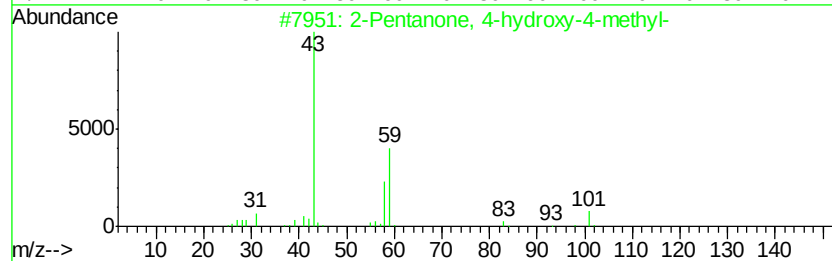
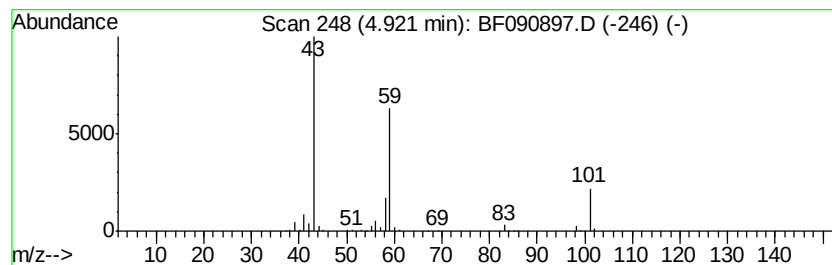
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	31.26 ng	598214	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		Acetone	58	C3H6O	000067-64-1	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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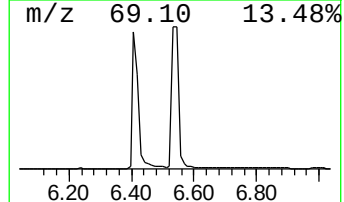
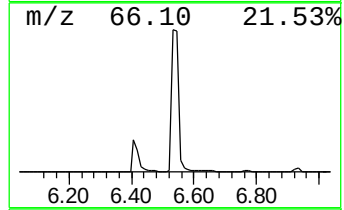
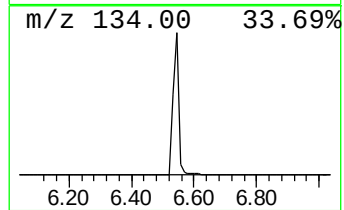
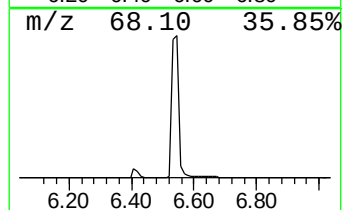
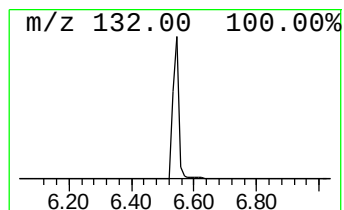
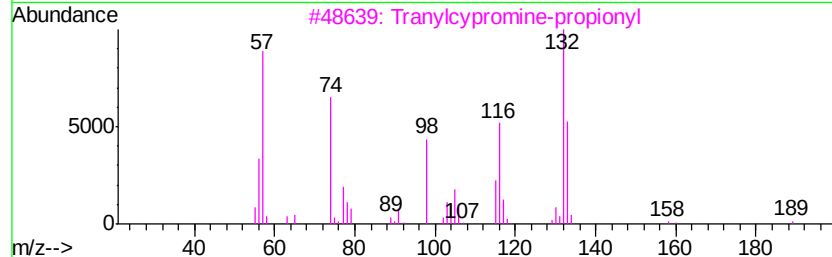
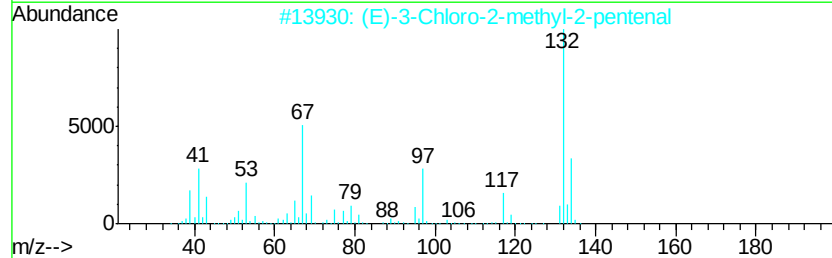
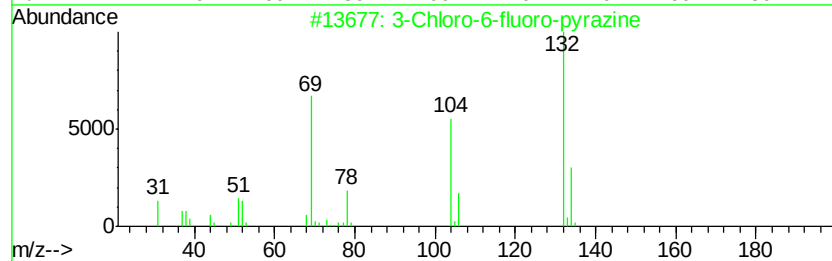
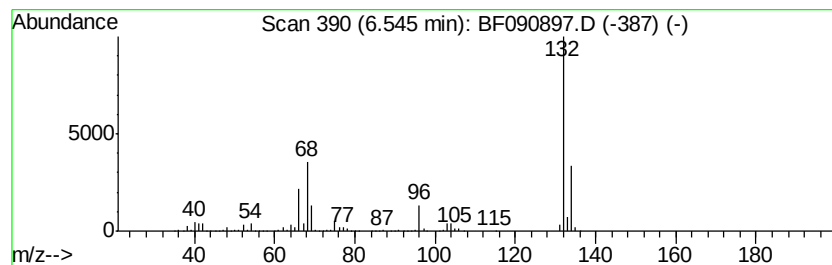
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	87.95 ng	1682960	1,4-Dichlorobenzene-d4	6.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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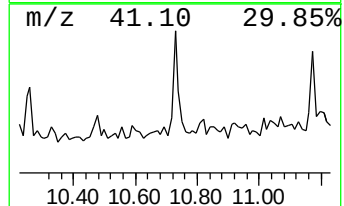
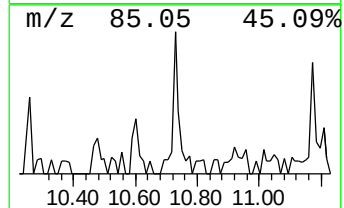
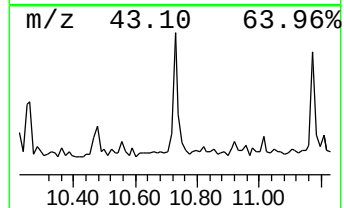
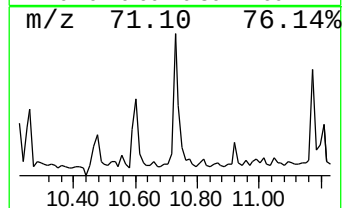
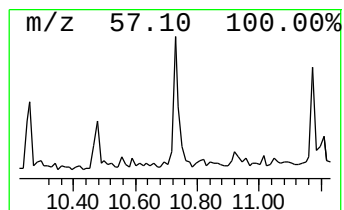
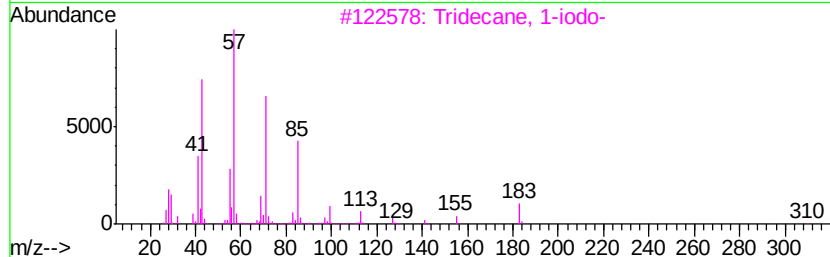
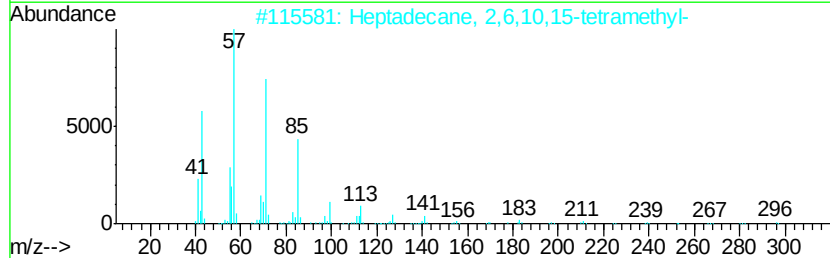
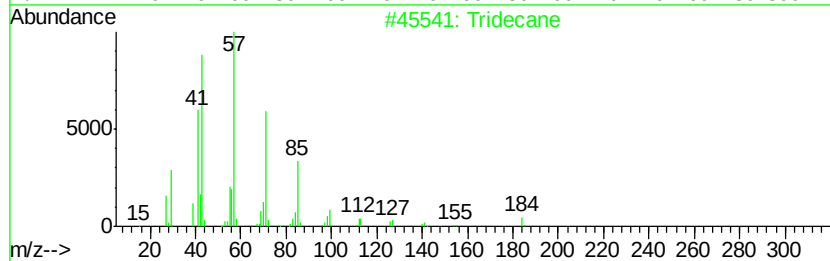
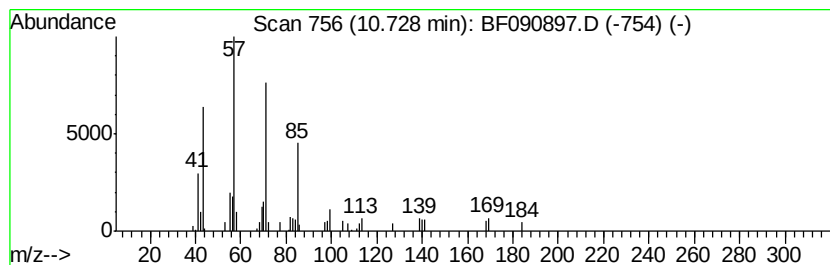
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	2.33 ng	46360	Phenanthrene-d10	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	83
2	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	80
3	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	80
4	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	80
5	Pentadecane		212	C15H32	000629-62-9	80



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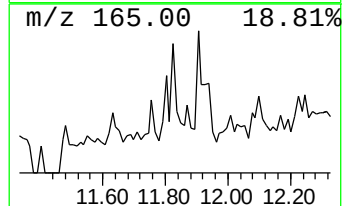
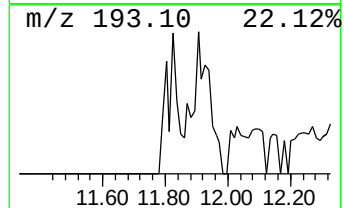
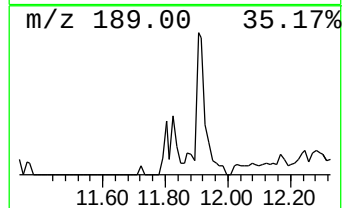
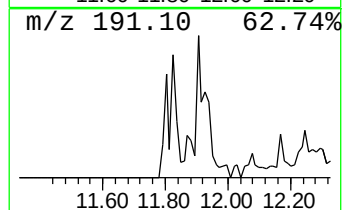
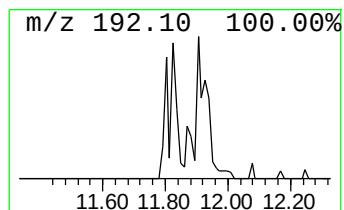
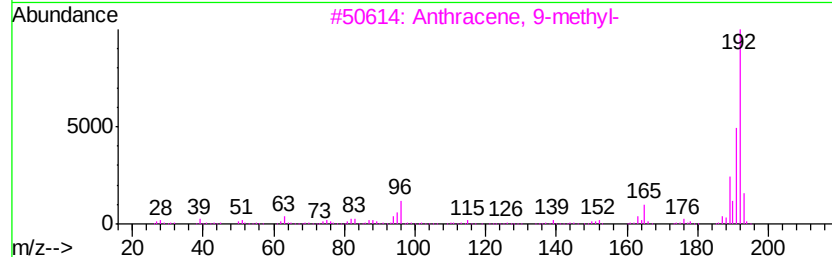
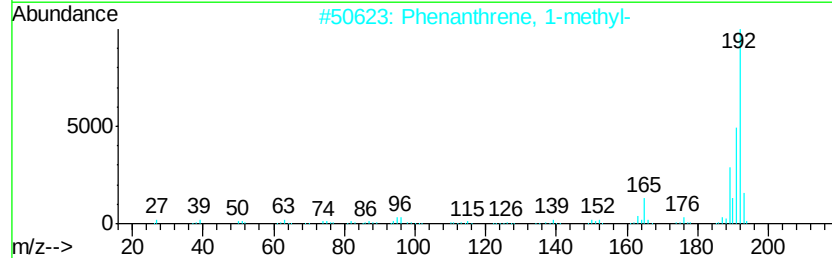
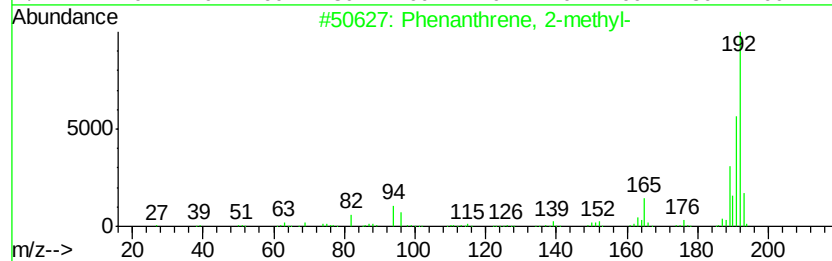
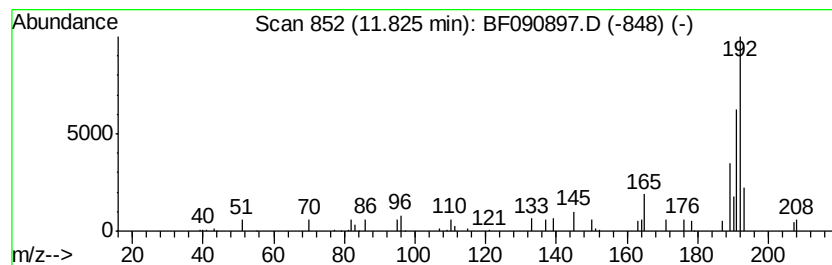
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	2.56 ng	50941	Phenanthrene-d10	11.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
5			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	74



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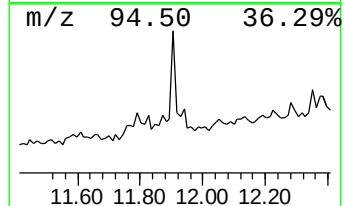
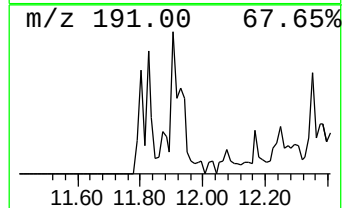
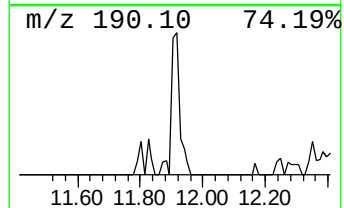
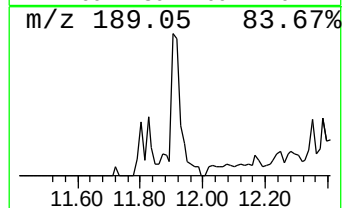
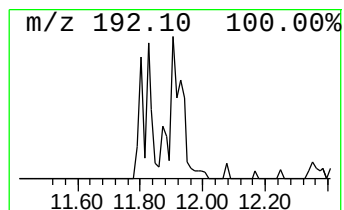
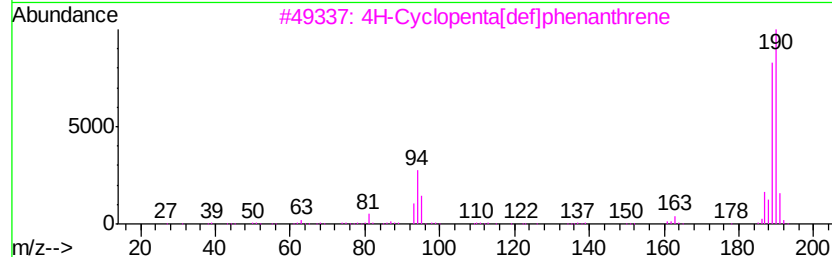
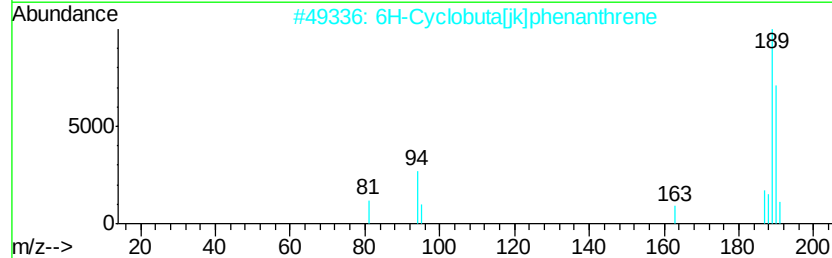
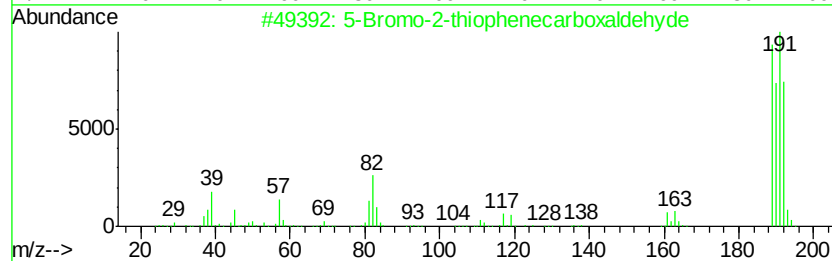
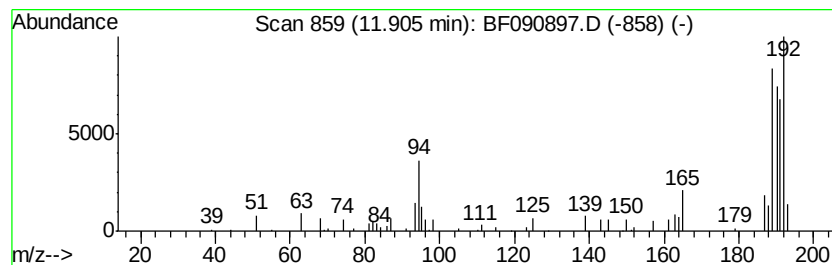
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 5-Bromo-2-thiophenecarboxal... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	3.14 ng	62399	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	52
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	49
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	43
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
Data File : BF090897.D
Acq On : 28 Oct 2016 5:13
Operator : UM/SJ
Sample : H5423-07 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

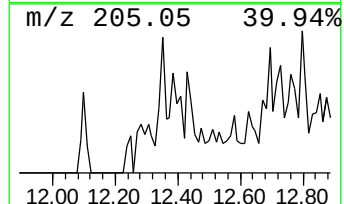
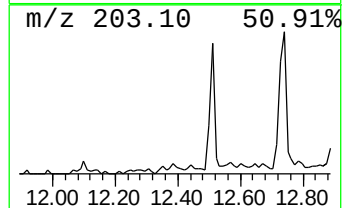
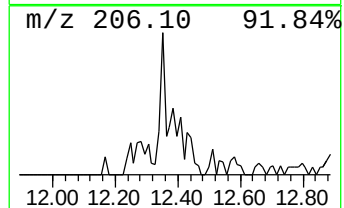
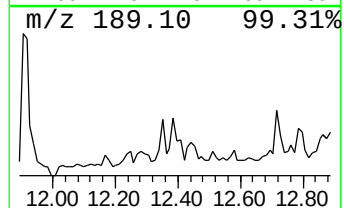
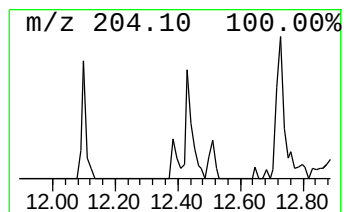
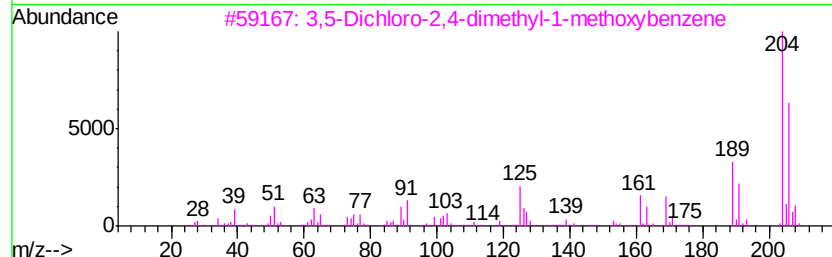
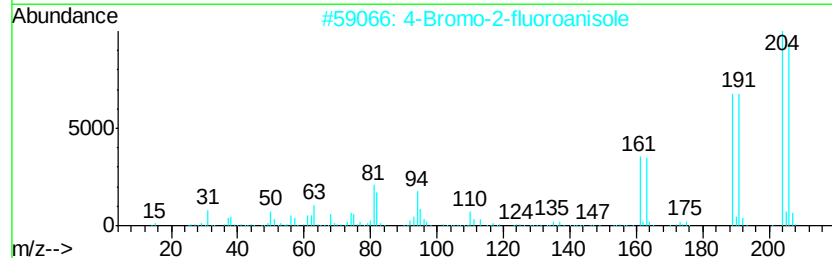
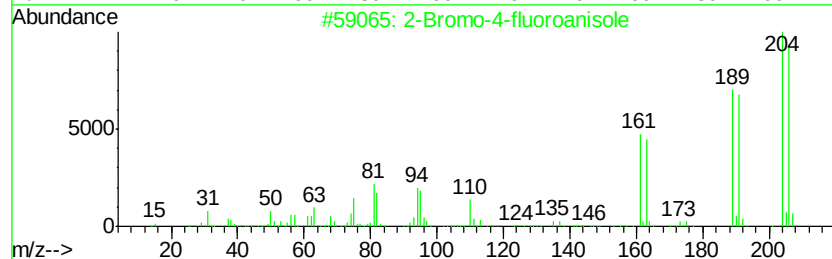
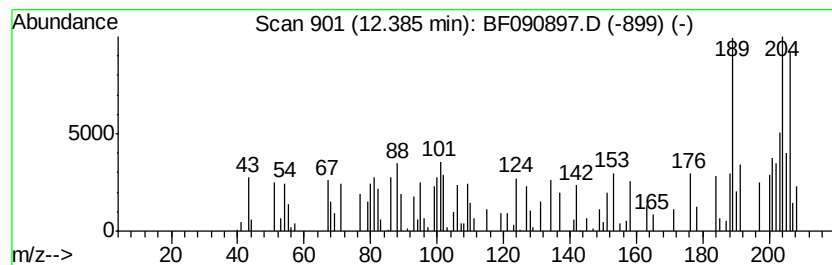
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ClientSampleId :
SB-4COMP(0-16FEET)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown12.39 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.39	2.85 ng	56661	Phenanthrene-d10		11.30
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo-4-fluoroanisole	204	C7H6BrFO	000452-08-4	49
2	4-Bromo-2-fluoroanisole	204	C7H6BrFO	002357-52-0	46
3	3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1000250-17-8	35
4	3,4-Dihydrocoumarin, 4,4-dimethy...	204	C13H16O2	029423-74-3	30
5	9,10-Dimethylantracene	206	C16H14	000781-43-1	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
Data File : BF090897.D
Acq On : 28 Oct 2016 5:13
Operator : UM/SJ
Sample : H5423-07 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4COMP(0-16FEET)

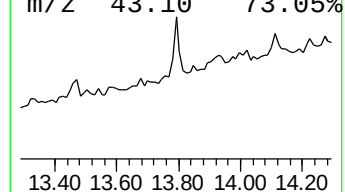
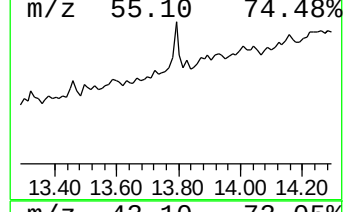
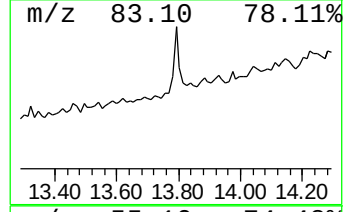
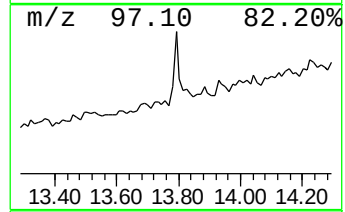
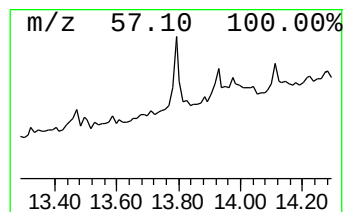
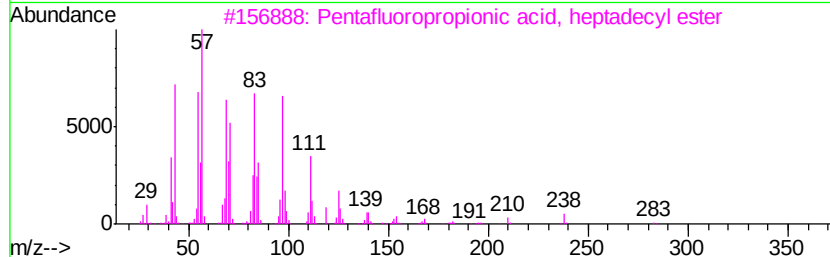
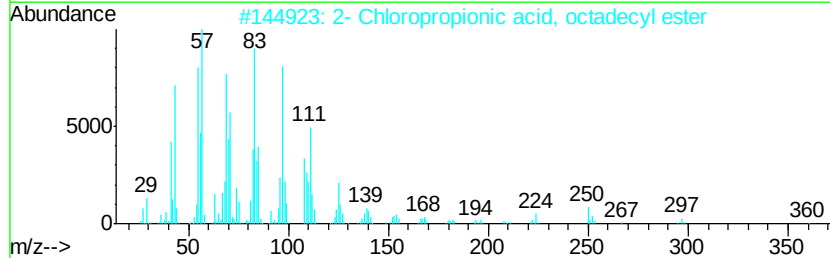
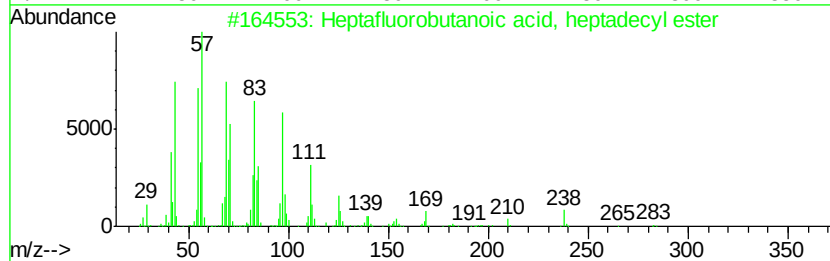
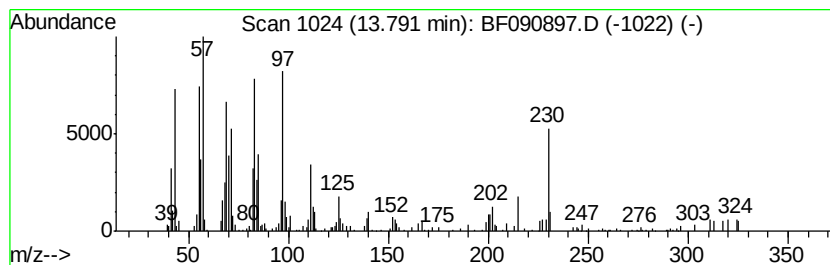
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Heptafluorobutanoic acid, h... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	2.09 ng	83721	Chrysene-d12	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
2		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
3		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87
4		1-Tricosene	322	C23H46	018835-32-0	81
5		1-Docosene	308	C22H44	001599-67-3	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
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Acq On : 28 Oct 2016 5:13
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Sample : H5423-07 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-4COMP(0-16FEET)

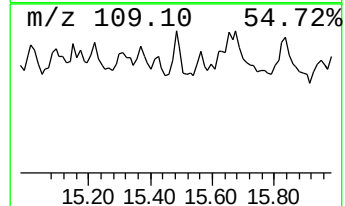
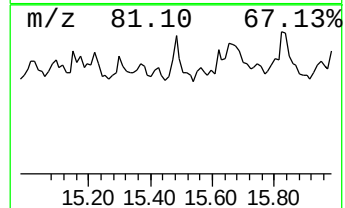
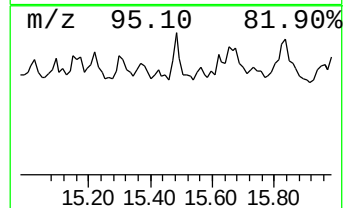
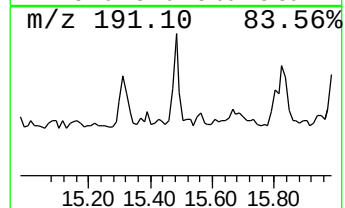
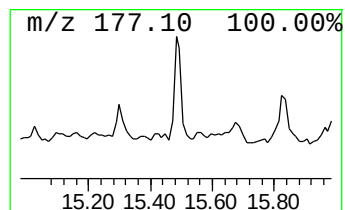
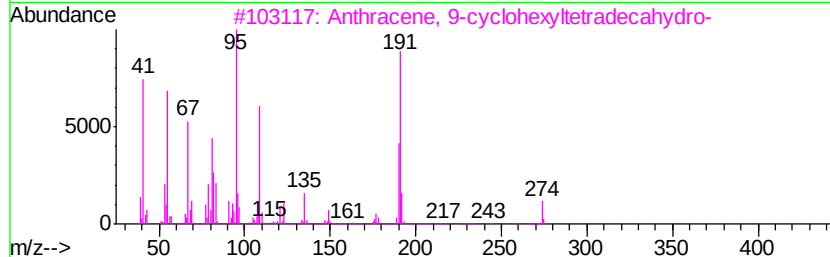
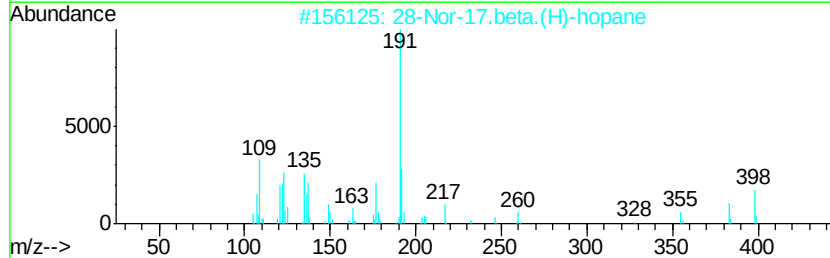
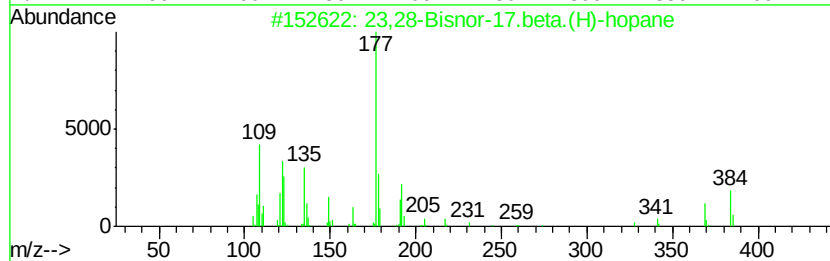
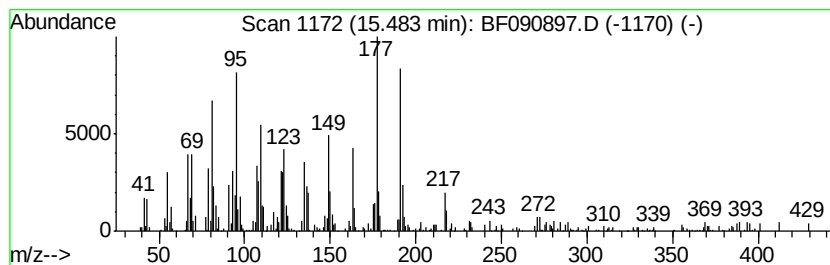
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 23,28-Bisnor-17.beta.(H)-ho... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	11.24 ng	235309	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	23,28-Bisnor-17.beta.(H)-hopane	384	C28H48	1000101-35-0	50
2		28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	49
3		Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	38
4		5-Hexen-1-one, 1-(1H-imidazol-4-...	192	C11H16N2O	069393-41-5	38
5		Vinyltris(cyclopropyl)silane	178	C11H18Si	1000109-97-3	14



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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-4COMP(0-16FEET)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Penten-2-one, 4...	4.25	2.4	ng	45138	1	6.77	382699	20.0
2-Pentanone, 4-hy...	4.92	31.3	ng	598214	1	6.77	382699	20.0
unknown6.54	6.54	88.0	ng	1682960	1	6.77	382699	20.0
Tridecane	10.73	2.3	ng	46360	4	11.30	397988	20.0
Phenanthrene, 2-m...	11.83	2.6	ng	50941	4	11.30	397988	20.0
5-Bromo-2-thiophe...	11.91	3.1	ng	62399	4	11.30	397988	20.0
unknown12.39	12.39	2.9	ng	56661	4	11.30	397988	20.0
Heptafluorobutano...	13.79	2.1	ng	83721	5	13.94	801202	20.0
23,28-Bisnor-17.b...	15.48	11.2	ng	235309	6	15.35	418864	20.0