

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
 Data File : BF079721.D
 Acq On : 5 Jun 2015 2:18
 Operator : TP/IZ
 Sample : G2464-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13S

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-BF060415.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	1.370	15	16	18	rVB	15829598	11247600	100.00%	27.364%
2	2.261	92	94	108	rVB	143349	417334	3.71%	1.015%
3	2.456	108	111	126	rVV	866338	1987364	17.67%	4.835%
4	2.661	126	129	144	rVB	88719	276656	2.46%	0.673%
5	2.924	149	152	156	rVB	181836	278592	2.48%	0.678%
6	6.125	430	432	434	rBV	2045243	1736170	15.44%	4.224%
7	7.096	515	517	520	rBV	1838553	1669766	14.85%	4.062%
8	7.279	530	533	535	rBV	1357218	1780385	15.83%	4.331%
9	7.508	551	553	555	rBV	568795	455700	4.05%	1.109%
10	7.668	565	567	569	rBV	1795411	1452846	12.92%	3.535%
11	8.056	599	601	603	rBV	804937	949033	8.44%	2.309%
12	8.799	664	666	667	rBV	754054	623962	5.55%	1.518%
13	9.873	758	760	762	rVB	3052488	2390559	21.25%	5.816%
14	10.262	792	794	795	rBV	178443	222176	1.98%	0.541%
15	10.571	820	821	823	rBV	529701	671088	5.97%	1.633%
16	11.371	888	891	893	rBV	1344879	1250318	11.12%	3.042%
17	12.091	951	954	957	rBV	564167	1286934	11.44%	3.131%
18	12.719	1007	1009	1012	rBV2	115970	227155	2.02%	0.553%
19	13.371	1063	1066	1068	rBV	812989	941526	8.37%	2.291%
20	13.600	1084	1086	1087	rBV	174896	260874	2.32%	0.635%
21	13.622	1087	1088	1091	rVB	896087	806230	7.17%	1.961%
22	13.760	1098	1100	1102	rBV	2394435	2759976	24.54%	6.715%
23	13.862	1106	1109	1113	rBV4	66107	175711	1.56%	0.427%
24	13.988	1116	1120	1124	rVB3	138204	269337	2.39%	0.655%
25	14.788	1189	1190	1193	rBV2	202103	363264	3.23%	0.884%
26	15.028	1208	1211	1213	rBV2	912057	1506728	13.40%	3.666%
27	15.063	1213	1214	1219	rVB	394013	462905	4.12%	1.126%
28	15.611	1260	1262	1267	rBV4	147116	269316	2.39%	0.655%
29	16.400	1328	1331	1337	rBV	338701	935751	8.32%	2.277%
30	16.491	1337	1339	1343	rBV3	112326	304339	2.71%	0.740%
31	16.811	1364	1367	1371	rVB	218287	363370	3.23%	0.884%
32	16.903	1371	1375	1379	rVV	281358	497870	4.43%	1.211%
33	16.983	1379	1382	1384	rVV	557809	887460	7.89%	2.159%
34	17.028	1384	1386	1391	rVB	130803	242705	2.16%	0.590%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	17.634	1436	1439	1442	rBV	86115	167928	1.49%	0.409%
36	18.994	1553	1558	1566	rBV2	164877	544331	4.84%	1.324%
37	19.600	1607	1611	1620	rVB	144411	420012	3.73%	1.022%

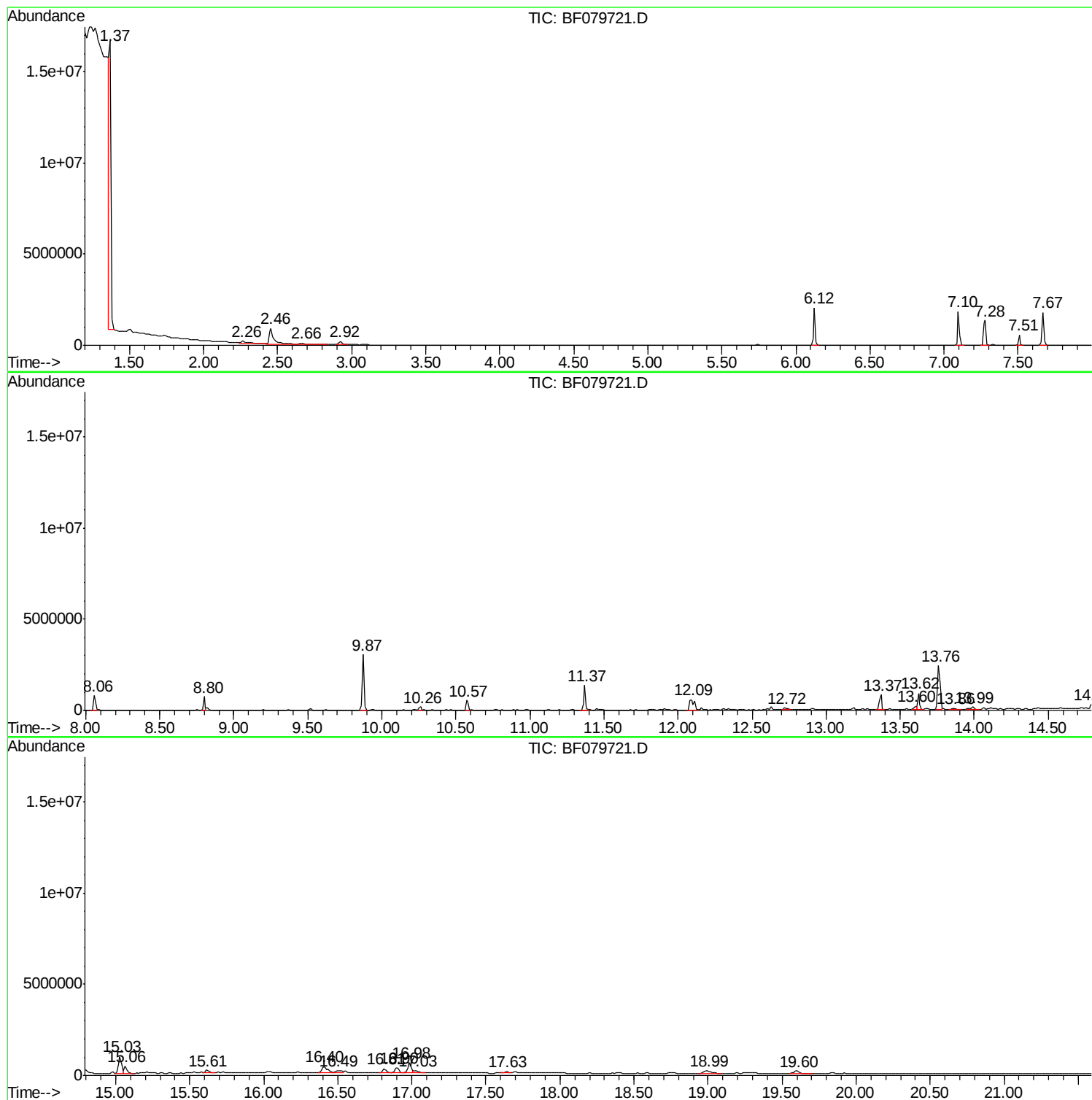
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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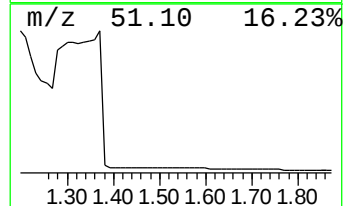
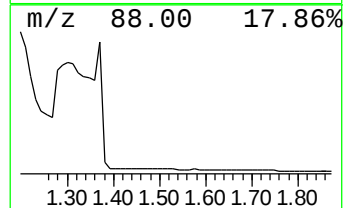
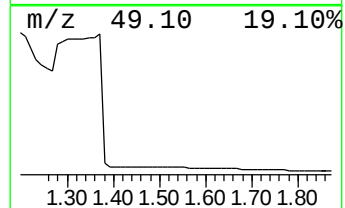
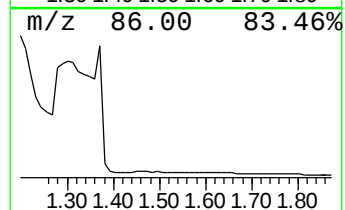
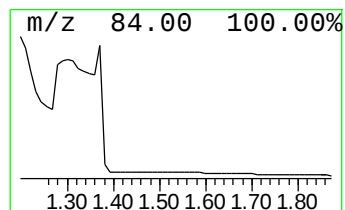
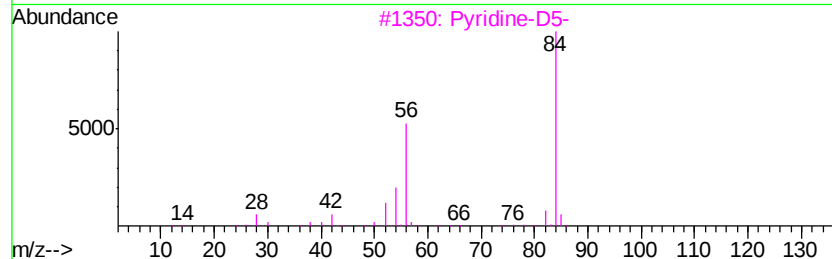
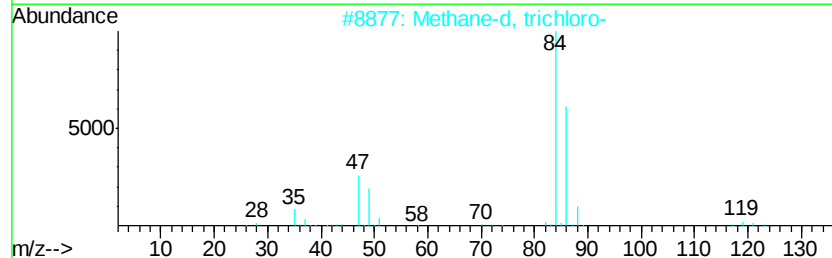
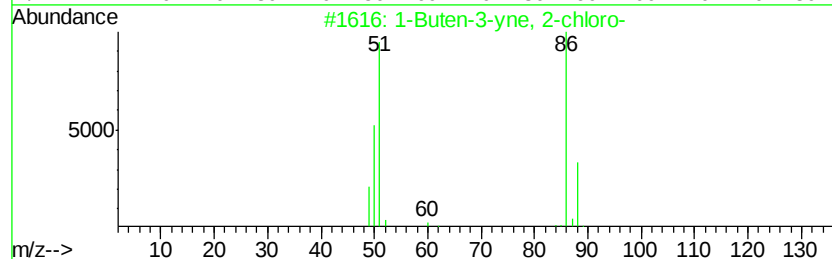
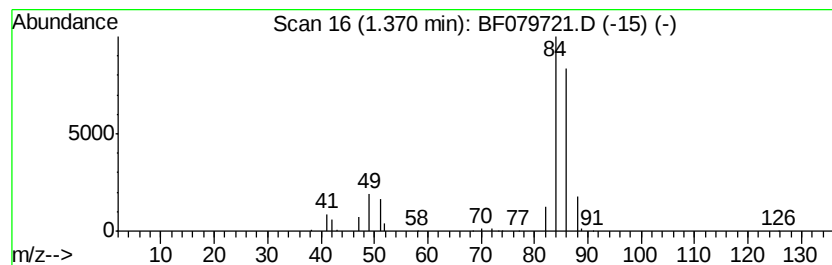
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown1.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	493.64 ng	11247600	1,4-Dichlorobenzene-d4	7.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Buten-3-yne, 2-chloro-	86	C4H3Cl	017712-36-6	12
2		Methane-d, trichloro-	119	CDCl3	000865-49-6	9
3		Pyridine-D5-	84	C5D5N	007291-22-7	5
4		2-Butenoic acid, (E)-	86	C4H6O2	000107-93-7	5
5		4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	5



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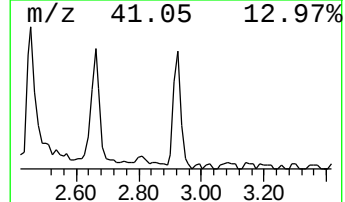
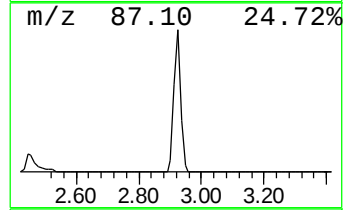
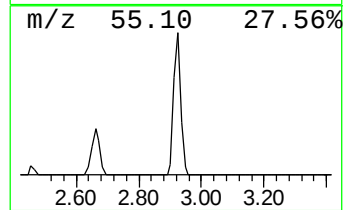
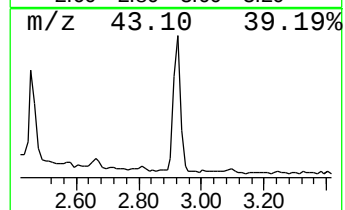
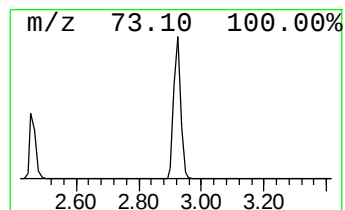
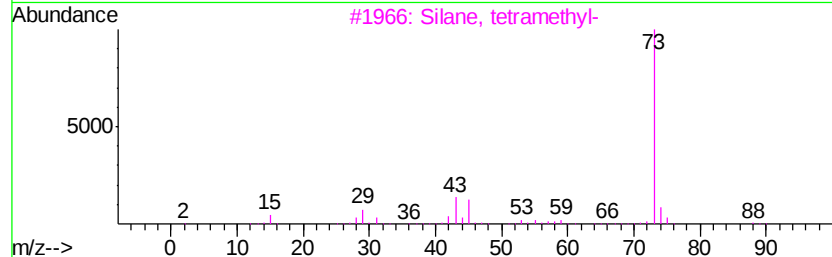
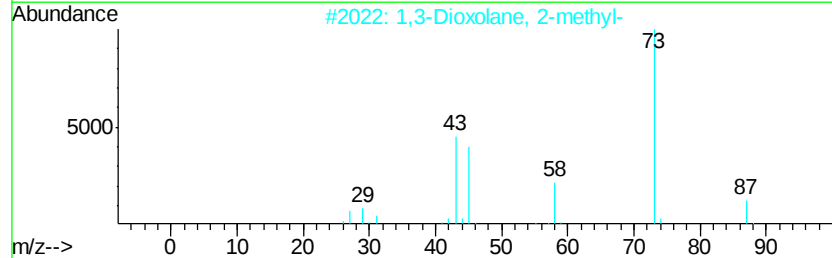
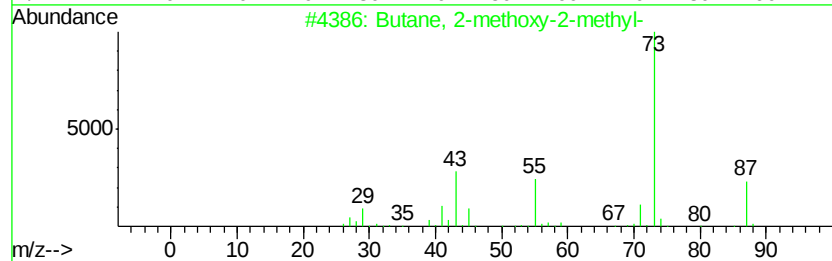
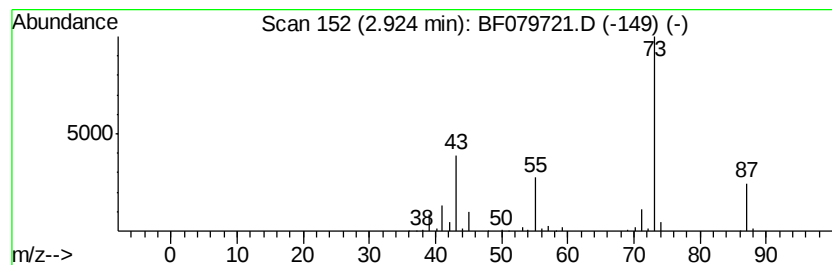
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	12.23 ng	278592	1,4-Dichlorobenzene-d4	7.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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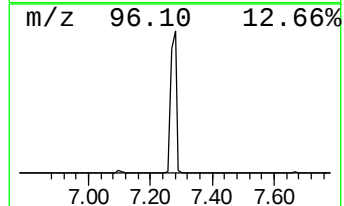
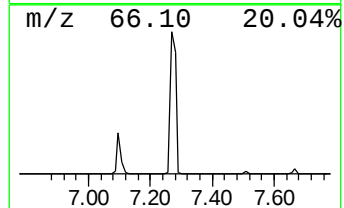
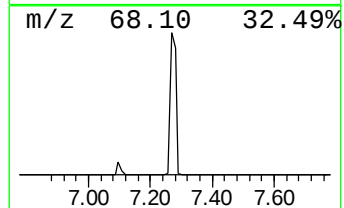
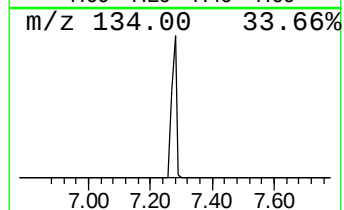
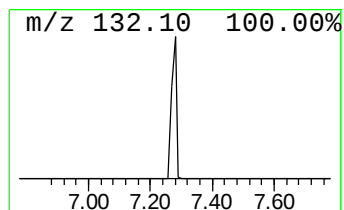
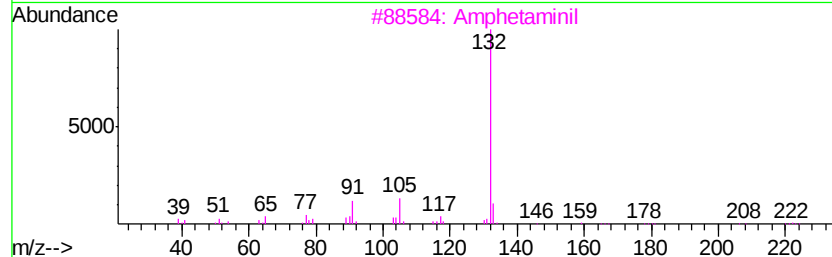
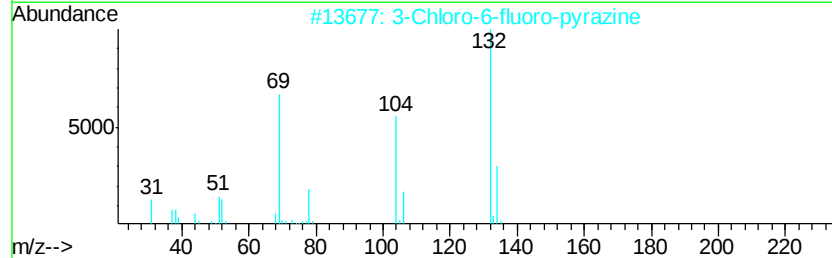
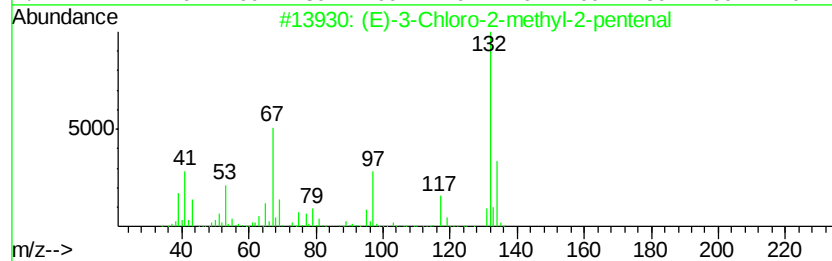
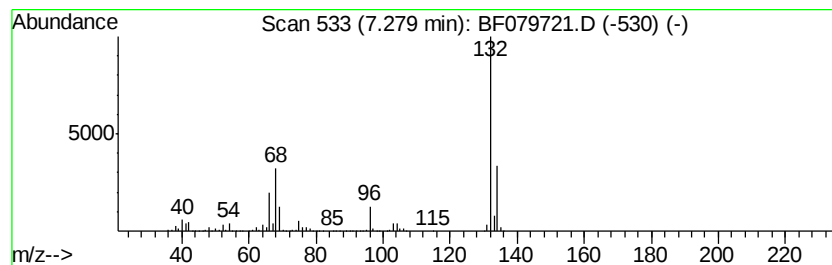
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown7.28 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	78.14 ng	1780390	1,4-Dichlorobenzene-d4	7.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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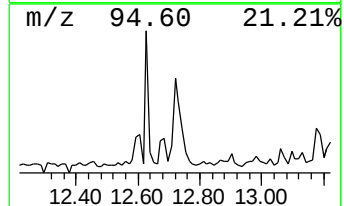
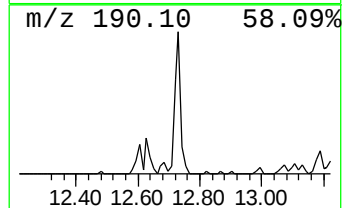
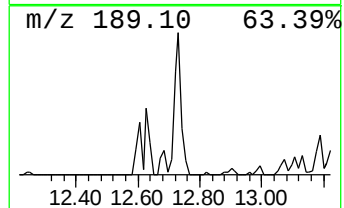
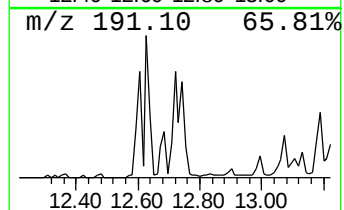
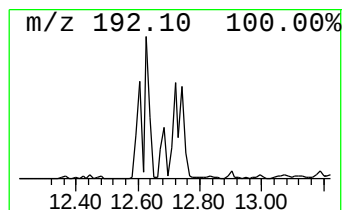
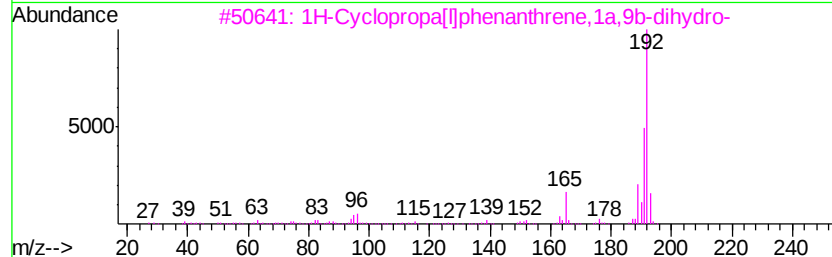
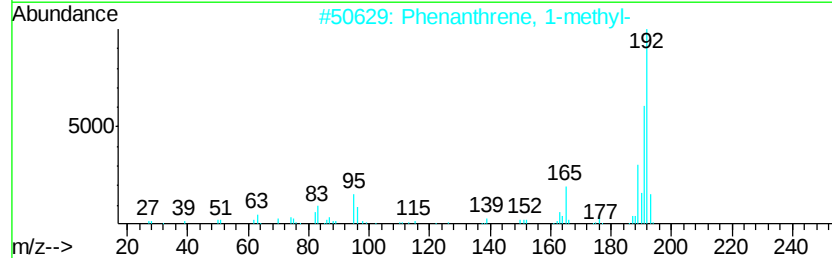
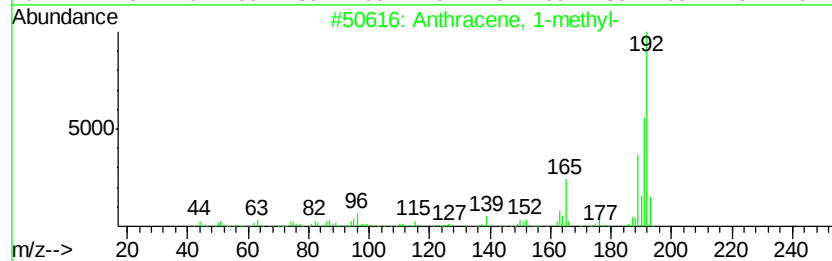
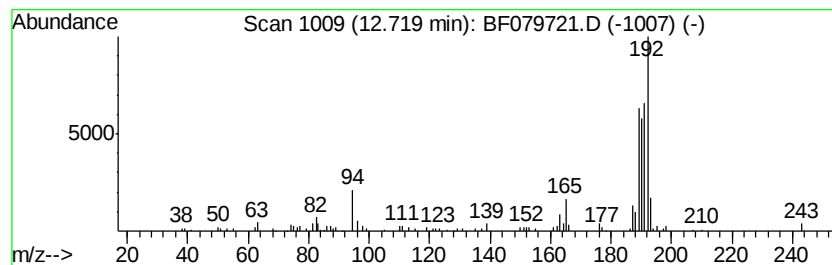
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	3.53 ng	227155	Phenanthrene-d10	12.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
3		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	55
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	55



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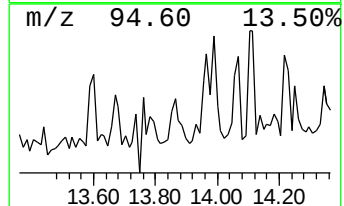
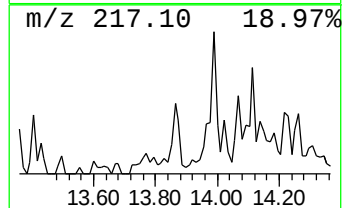
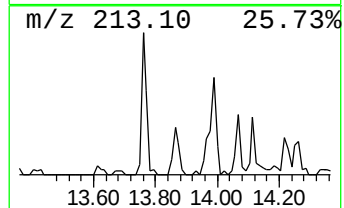
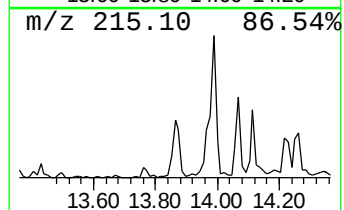
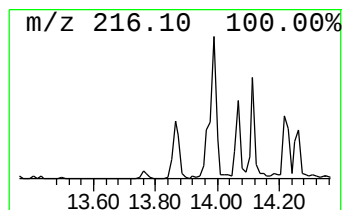
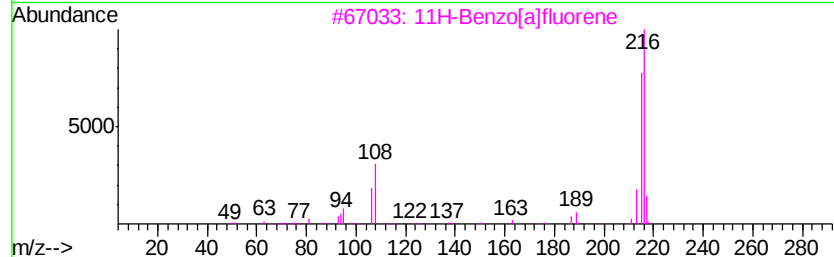
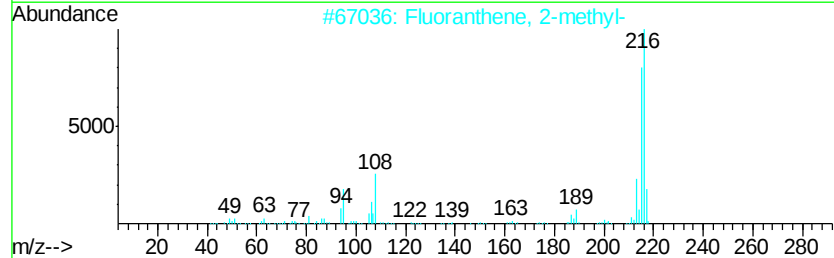
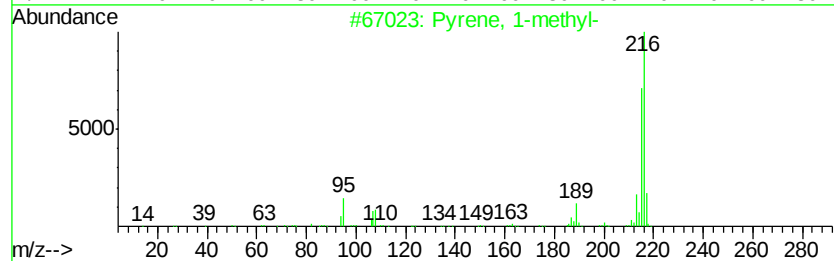
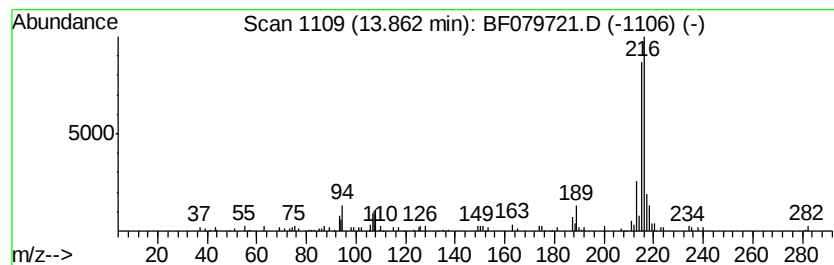
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 9 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	2.33 ng	175711	Chrysene-d12	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68



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Sample : G2464-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

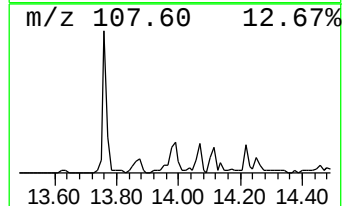
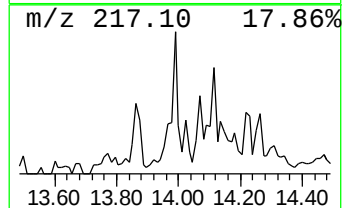
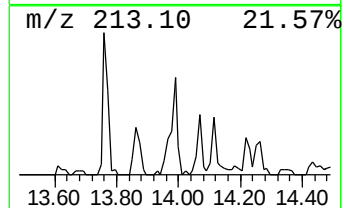
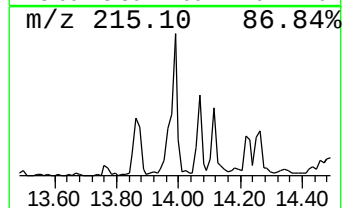
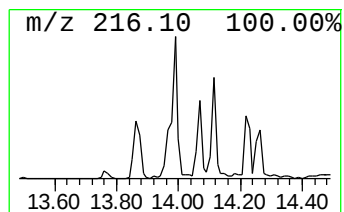
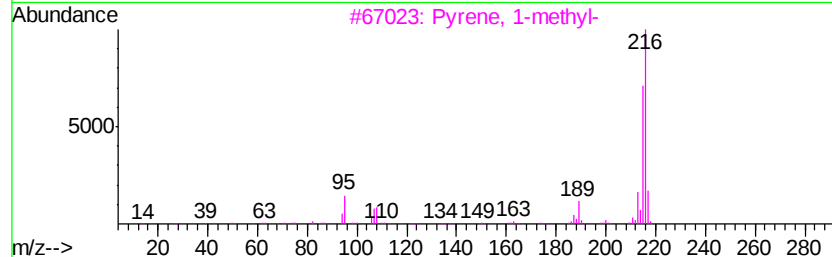
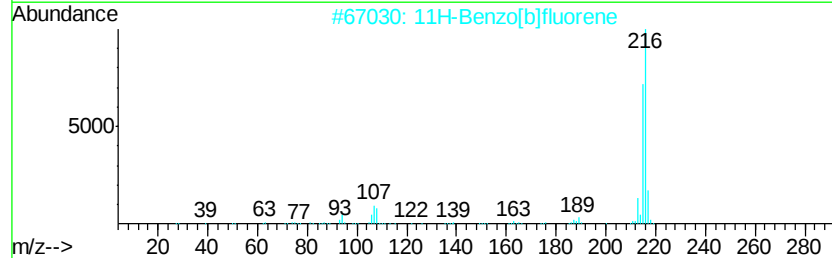
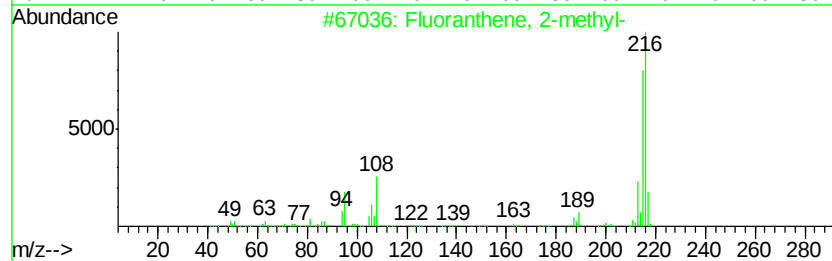
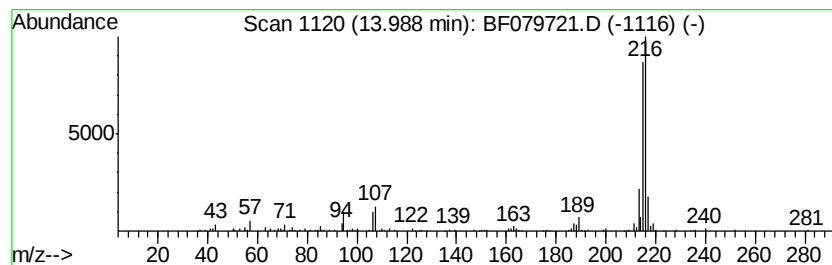
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BNA_F
ClientSampleId :
SB-13S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.99	3.58 ng	269337	Chrysene-d12		15.03
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079721.D
Acq On : 5 Jun 2015 2:18
Operator : TP/IZ
Sample : G2464-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13S

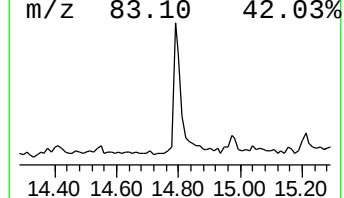
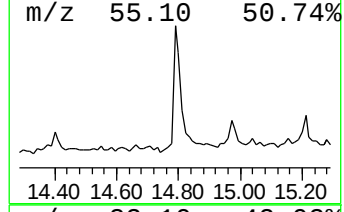
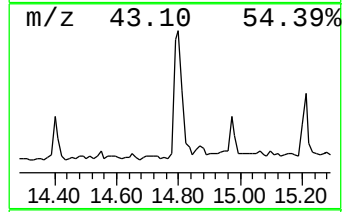
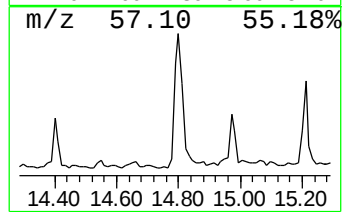
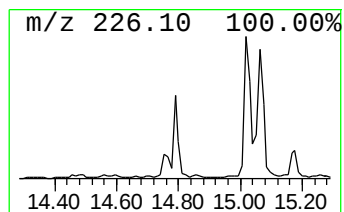
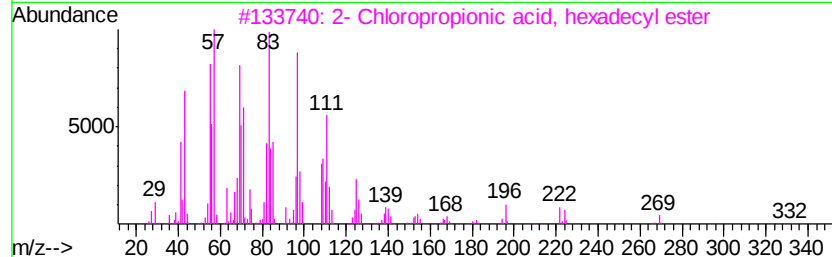
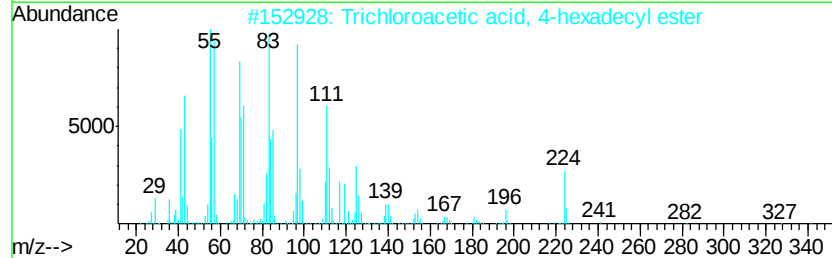
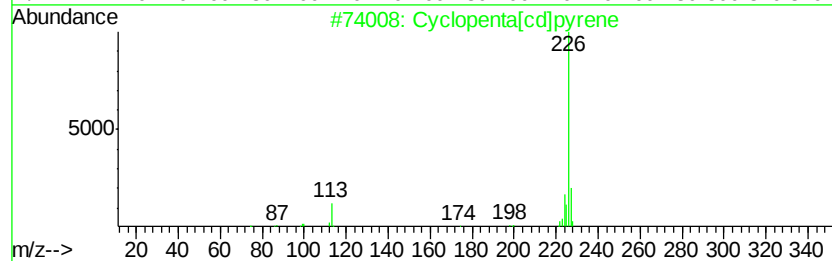
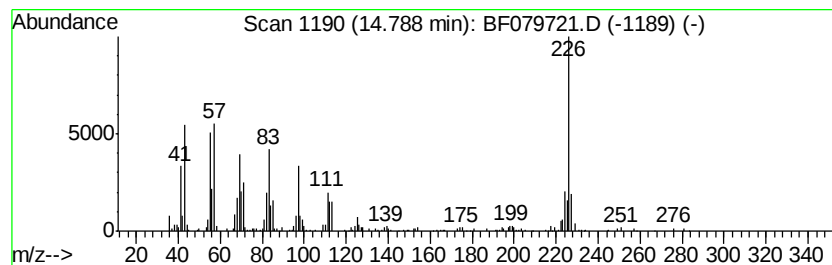
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclopenta[cd]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	4.82 ng	363264	Chrysene-d12	15.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	55
2		Trichloroacetic acid, 4-hexadecy...	386	C18H33Cl3O2	1000282-92-4	41
3		2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	38
4		1-Heptadecanol	256	C17H36O	001454-85-9	38
5		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079721.D
Acq On : 5 Jun 2015 2:18
Operator : TP/IZ
Sample : G2464-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

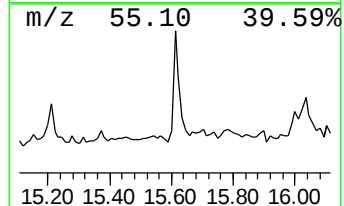
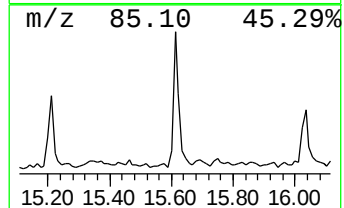
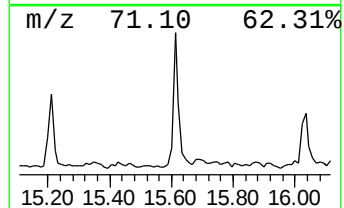
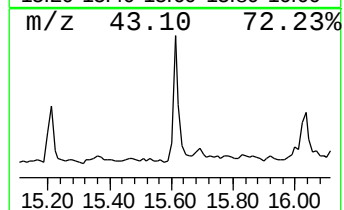
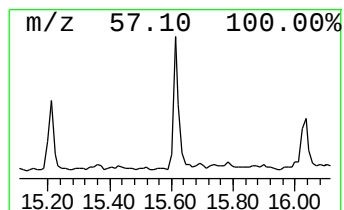
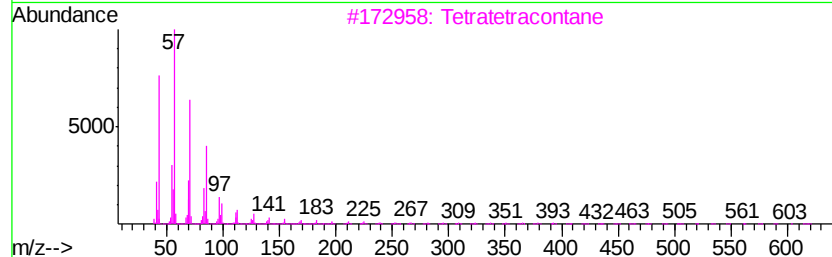
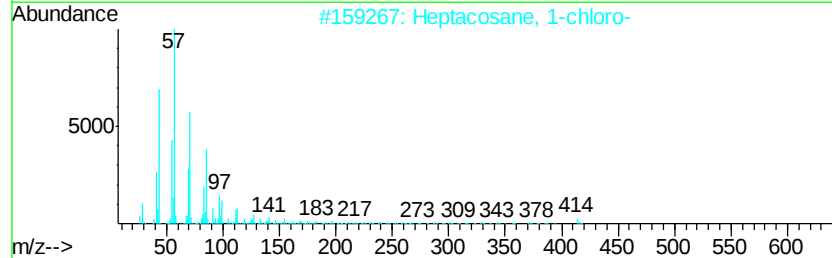
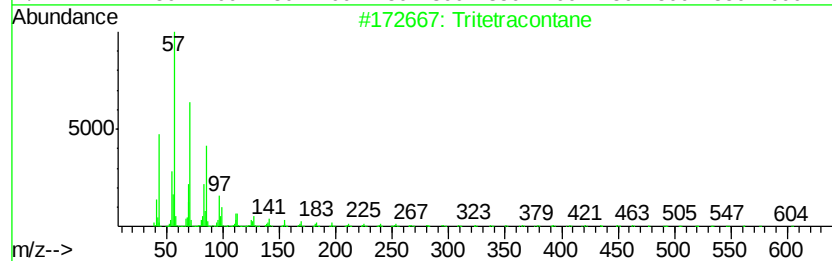
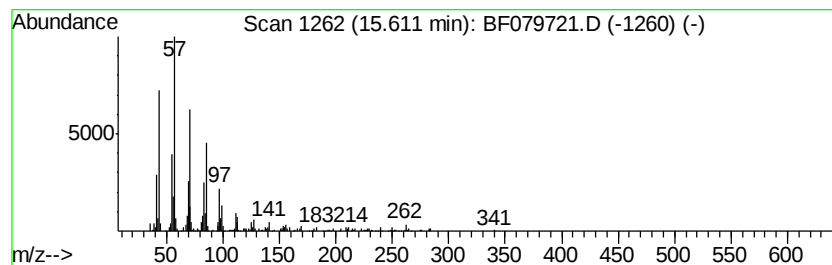
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tritetracontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.61	3.57 ng	269316	Chrysene-d12		15.03
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	91
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	1-Octadecene	252	C18H36	000112-88-9	83
5	Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
Data File : BF079721.D
Acq On : 5 Jun 2015 2:18
Operator : TP/IZ
Sample : G2464-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

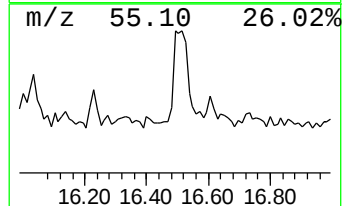
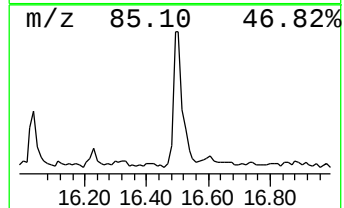
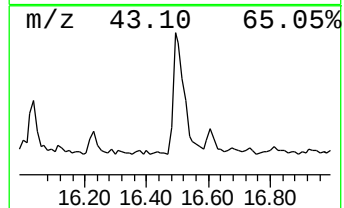
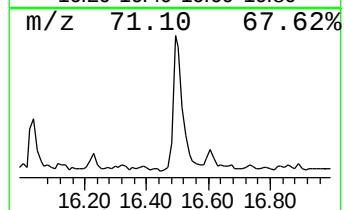
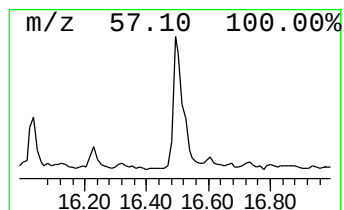
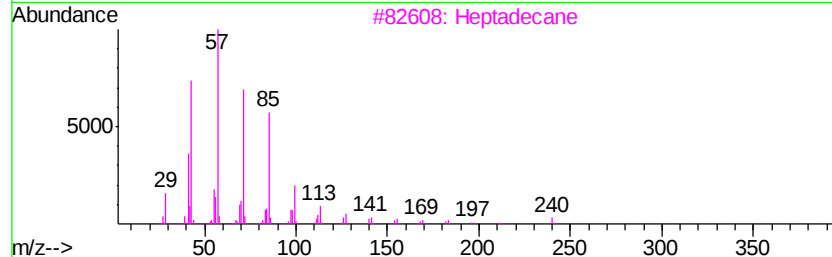
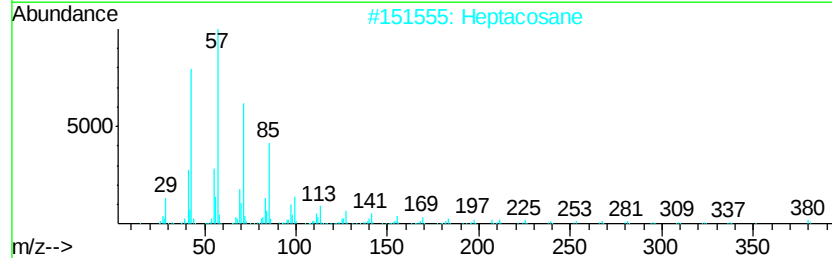
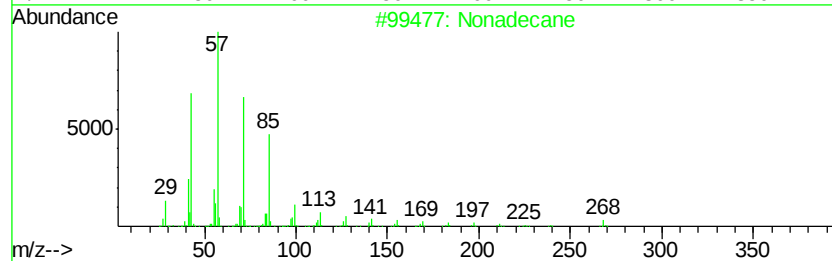
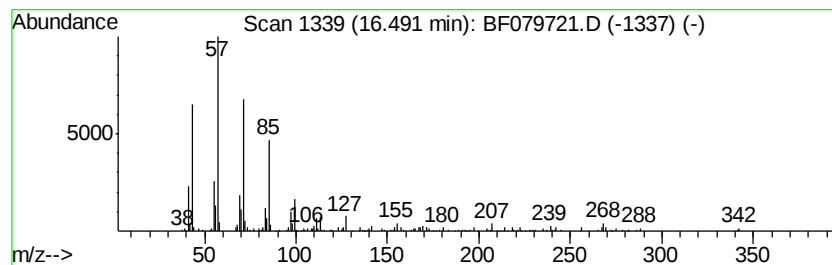
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.49	6.86 ng	304339	Perylene-d12		16.98
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heptacosane	380	C27H56	000593-49-7	87
3	Heptadecane	240	C17H36	000629-78-7	87
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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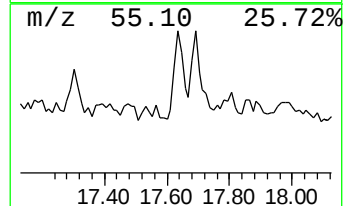
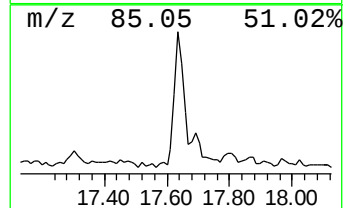
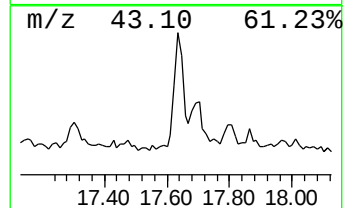
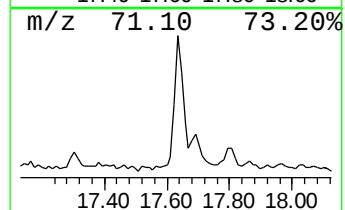
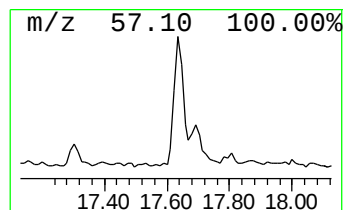
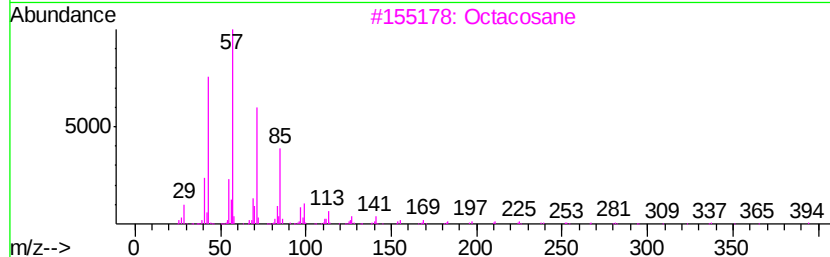
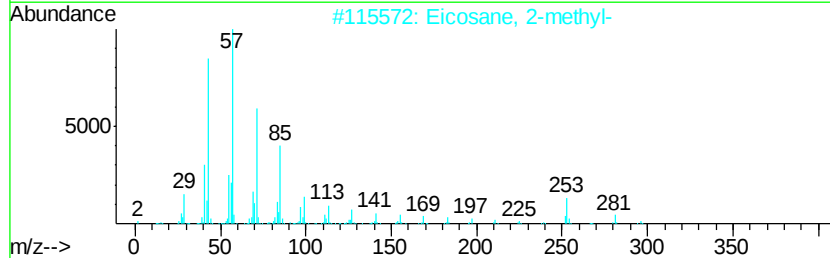
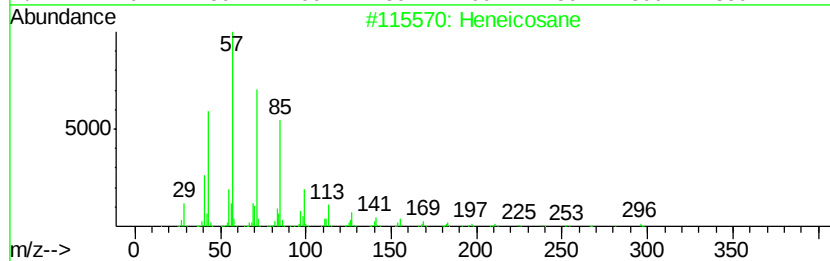
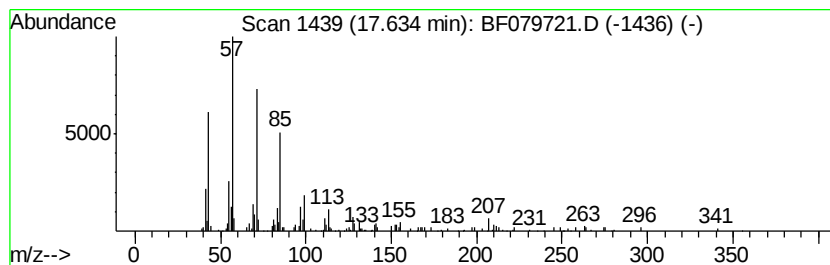
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	3.78 ng	167928	Perylene-d12	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Eicosane, 2-methyl-	296	C21H44	001560-84-5	94
3		Octacosane	394	C28H58	000630-02-4	91
4		Nonacosane	408	C29H60	000630-03-5	91
5		Hentriacontane	437	C31H64	000630-04-6	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060415\
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Acq On : 5 Jun 2015 2:18
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060415.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
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Butane, 2-methoxy...	2.92	12.2	ng	278592	1	7.51	455700	20.0
unknown7.28	7.28	78.1	ng	1780390	1	7.51	455700	20.0
Anthracene, 1-met...	12.72	3.5	ng	227155	4	12.09	1286930	20.0
Pyrene, 1-methyl-	13.86	2.3	ng	175711	5	15.03	1506730	20.0
Fluoranthene, 2-m...	13.99	3.6	ng	269337	5	15.03	1506730	20.0
Cyclopenta[cd]pyrene	14.79	4.8	ng	363264	5	15.03	1506730	20.0
Tritetracontane	15.61	3.6	ng	269316	5	15.03	1506730	20.0
Nonadecane	16.49	6.9	ng	304339	6	16.98	887460	20.0
Heneicosane	17.63	3.8	ng	167928	6	16.98	887460	20.0