

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051915\
 Data File : BF079369.D
 Acq On : 20 May 2015 6:24
 Operator : TP/IZ
 Sample : G2289-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-35D

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-BF043015.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	1.267	5	7	10	rVB	2876613	3081943	62.91%	16.284%
2	1.393	16	18	30	rVB2	90104	236977	4.84%	1.252%
3	1.553	30	32	39	rVV	119545	184316	3.76%	0.974%
4	1.644	39	40	48	rVV	304530	509119	10.39%	2.690%
5	1.758	48	50	84	rVB	2479874	4899202	100.00%	25.886%
6	4.879	321	323	330	rBV	160708	197339	4.03%	1.043%
7	5.416	367	370	373	rBV	701606	783207	15.99%	4.138%
8	6.696	480	482	485	rBV	575223	824782	16.84%	4.358%
9	6.845	492	495	497	rBV	640465	868691	17.73%	4.590%
10	7.130	517	520	522	rBV	259456	261860	5.34%	1.384%
11	7.313	533	536	538	rBV	681544	604444	12.34%	3.194%
12	7.828	578	581	583	rBV	342273	482388	9.85%	2.549%
13	8.708	655	658	660	rBV	351538	368199	7.52%	1.945%
14	10.045	773	775	778	rBV	614765	814202	16.62%	4.302%
15	10.559	818	820	822	rBV	83322	69365	1.42%	0.366%
16	10.879	846	848	850	rVB	322639	397341	8.11%	2.099%
17	11.851	931	933	936	rBV2	548157	665840	13.59%	3.518%
18	12.720	1006	1009	1010	rBV	370234	424654	8.67%	2.244%
19	12.742	1010	1011	1013	rVB	54971	49051	1.00%	0.259%
20	14.217	1138	1140	1143	rVV	57891	61857	1.26%	0.327%
21	14.503	1162	1165	1167	rBV	53794	66913	1.37%	0.354%
22	14.708	1181	1183	1186	rBV	841394	904360	18.46%	4.778%
23	14.868	1195	1197	1200	rBV	271651	309000	6.31%	1.633%
24	15.897	1284	1287	1291	rBV	92562	162047	3.31%	0.856%
25	16.011	1294	1297	1299	rBV	482186	560185	11.43%	2.960%
26	16.526	1331	1342	1344	rBV6	21351	97356	1.99%	0.514%
27	17.017	1379	1385	1390	rBV2	61178	309208	6.31%	1.634%
28	17.349	1410	1414	1419	rBV2	50414	183806	3.75%	0.971%
29	17.794	1450	1453	1456	rBV	461081	548740	11.20%	2.899%

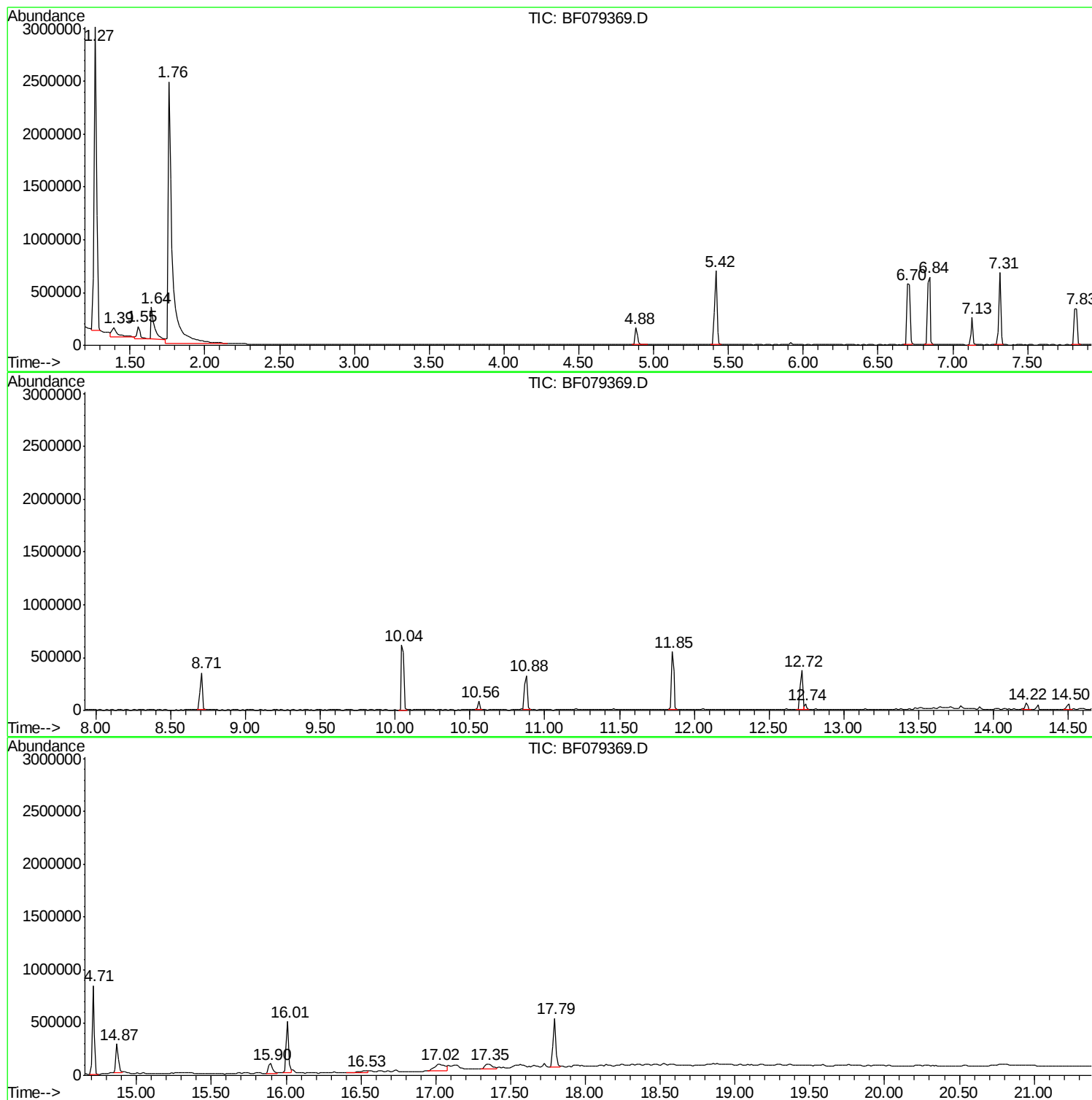
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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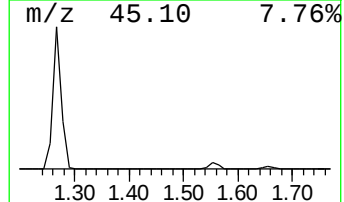
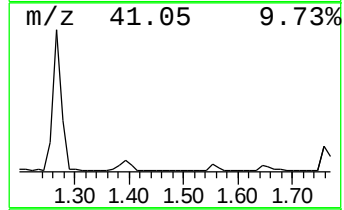
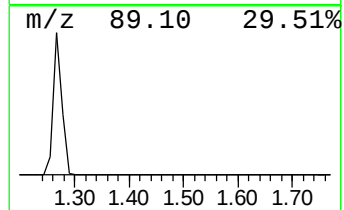
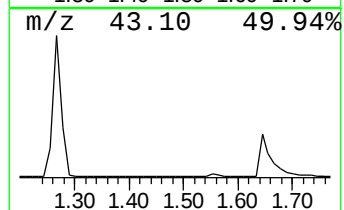
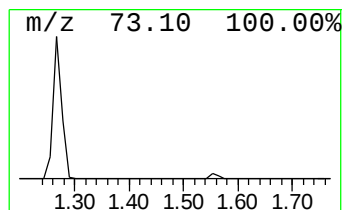
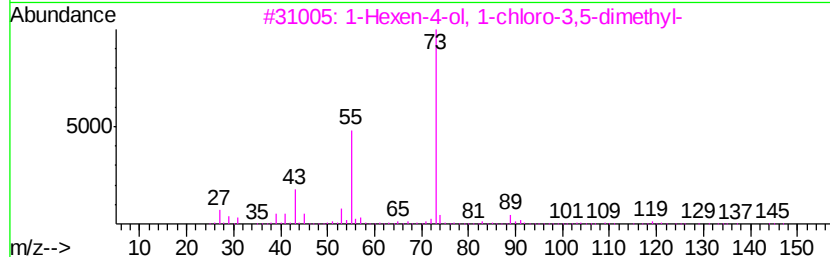
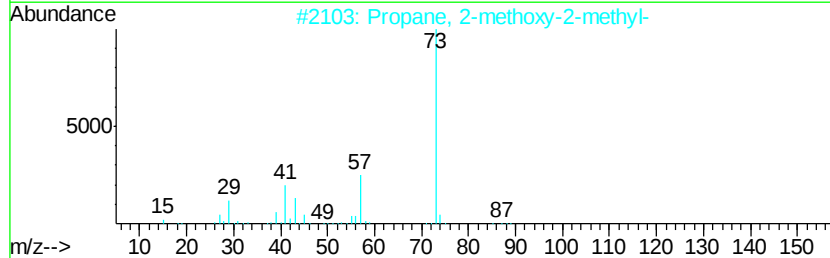
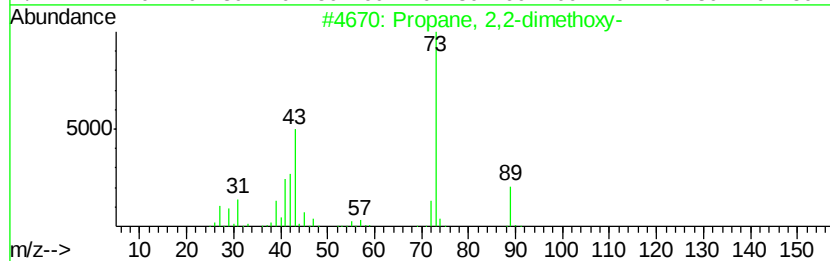
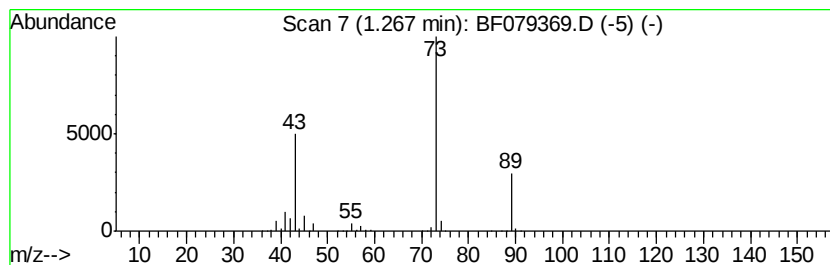
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown1.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.27	235.39 ng	3081940	1,4-Dichlorobenzene-d4	7.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
4		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5		Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7



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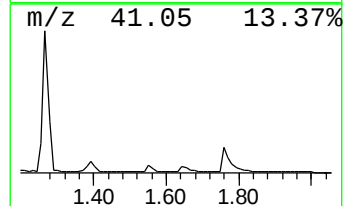
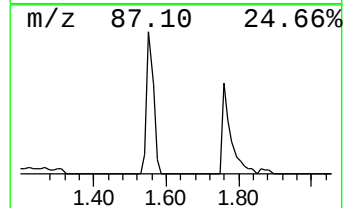
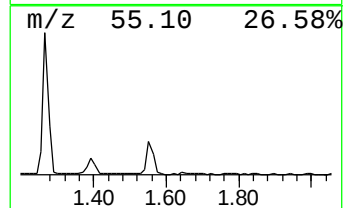
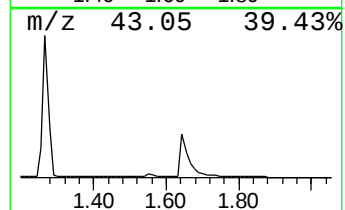
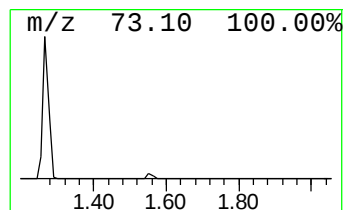
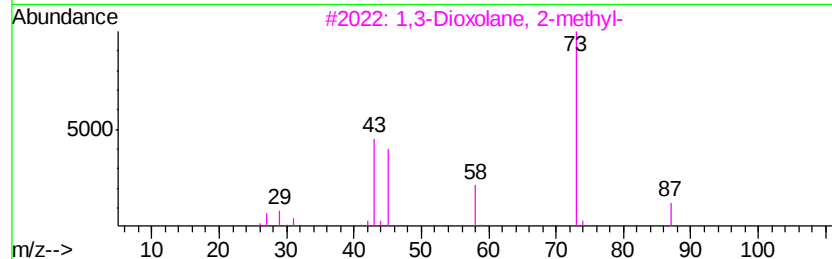
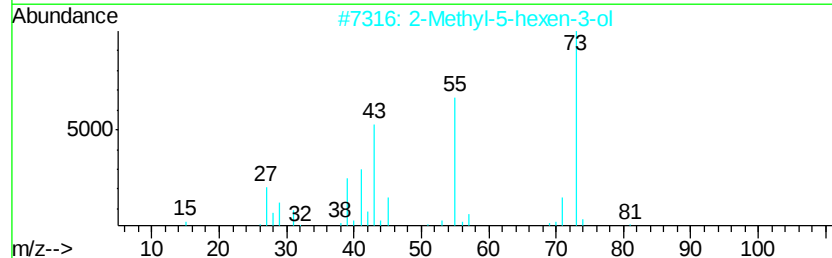
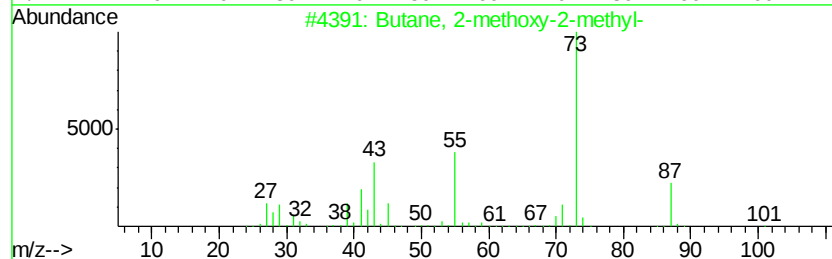
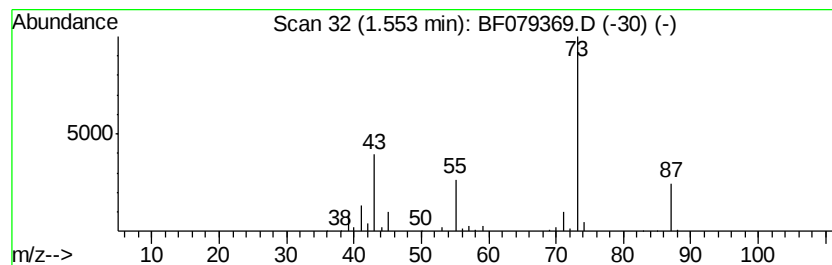
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Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.55	14.08 ng	184316	1,4-Dichlorobenzene-d4	7.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	37
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	25



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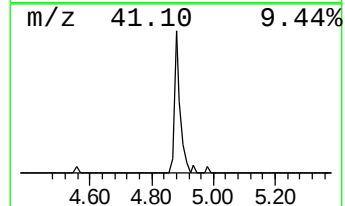
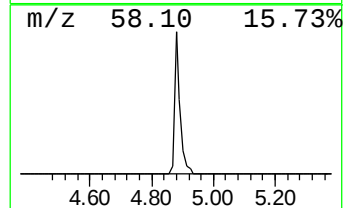
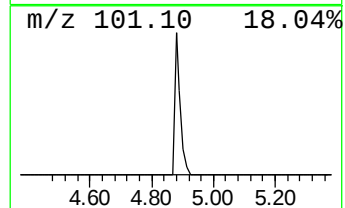
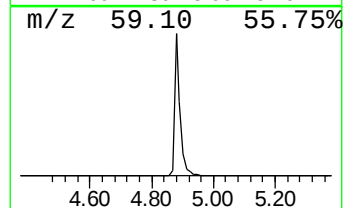
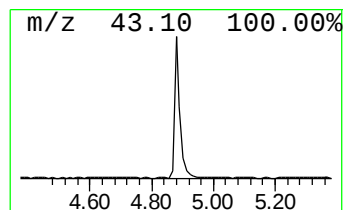
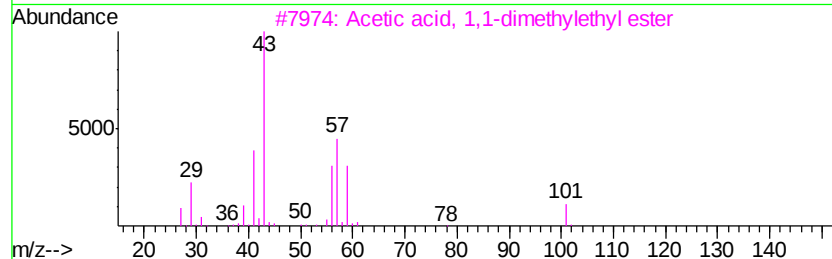
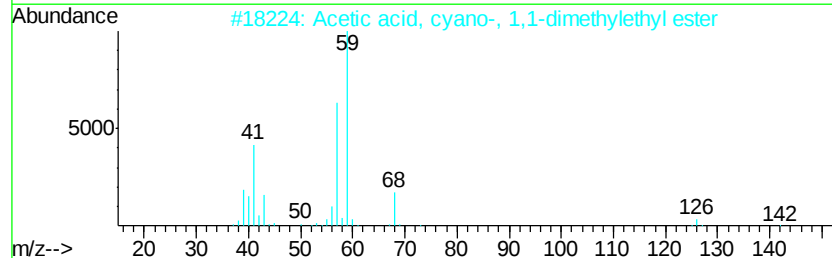
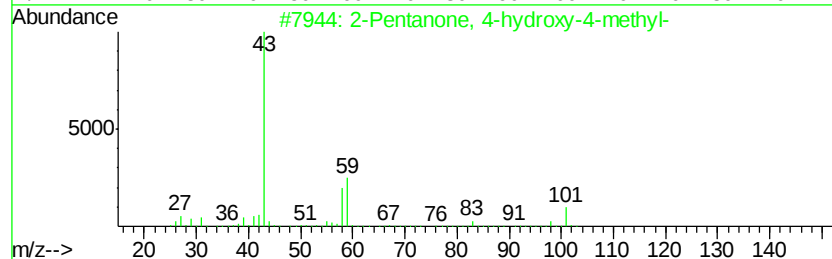
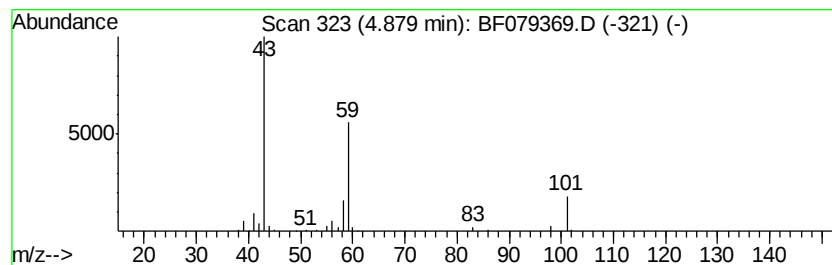
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TIC Integration Parameters: LSCINT.P

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	15.07 ng	197339	1,4-Dichlorobenzene-d4	7.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	32
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5		3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	9



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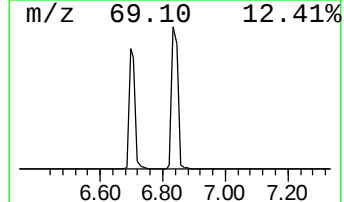
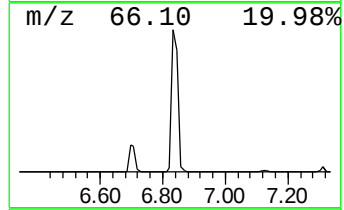
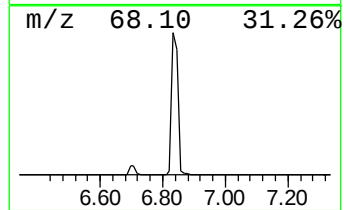
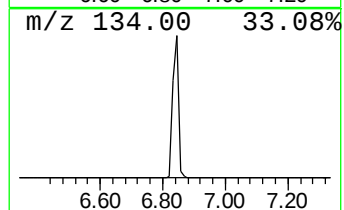
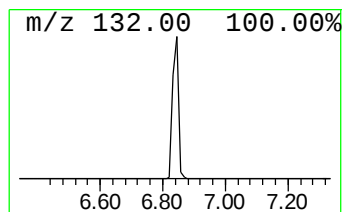
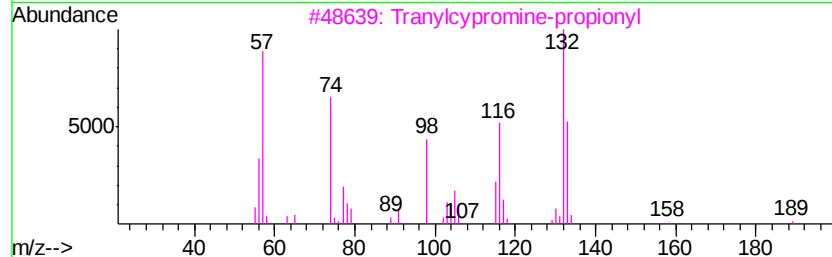
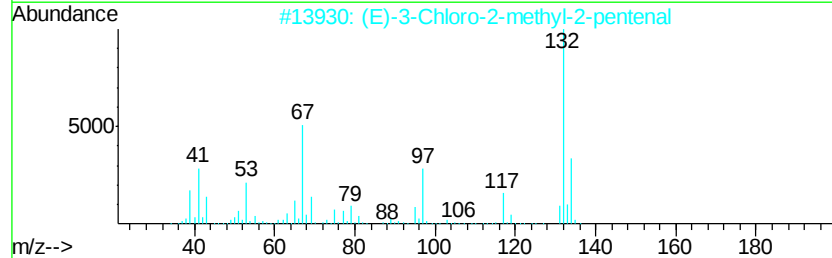
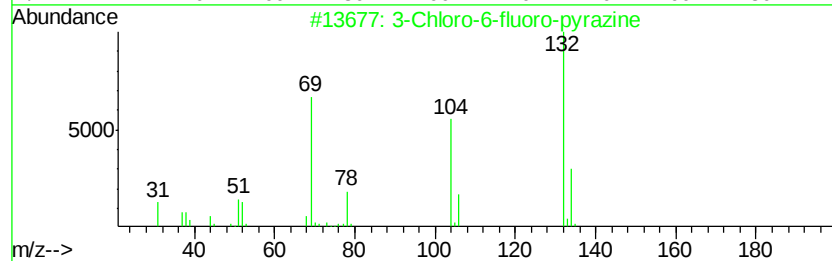
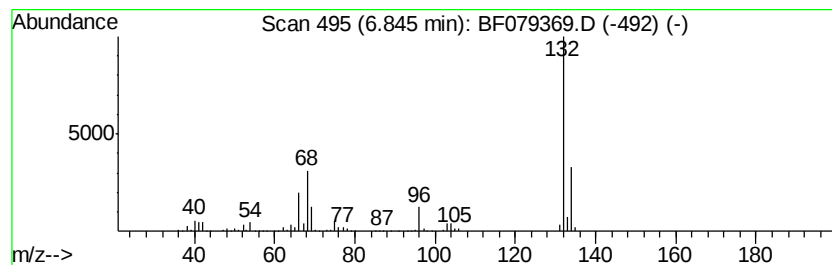
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Peak Number 7 unknown6.84 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	66.35 ng	868691	1,4-Dichlorobenzene-d4	7.13

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	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Xenon	132	Xe	007440-63-3	9



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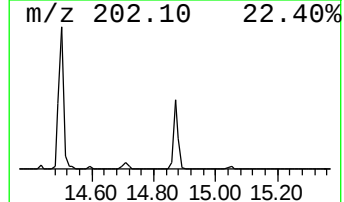
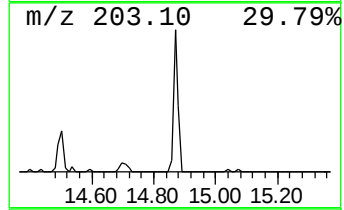
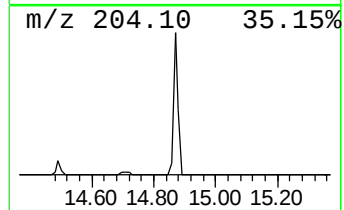
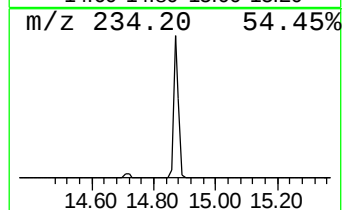
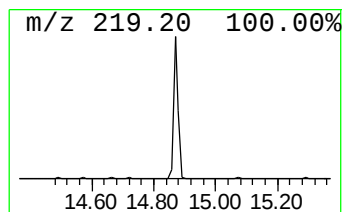
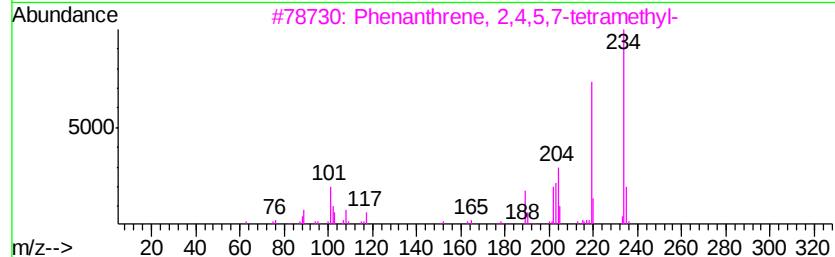
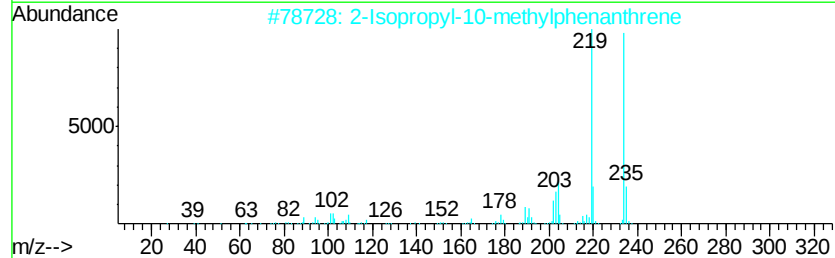
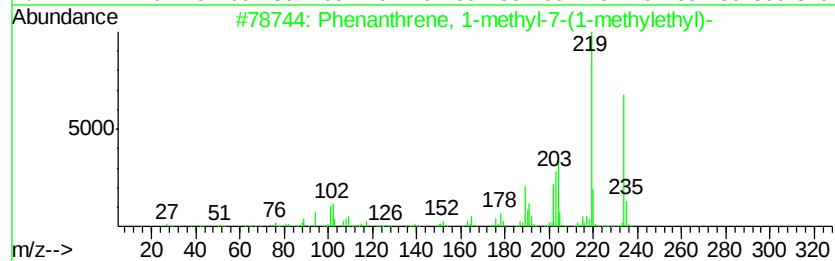
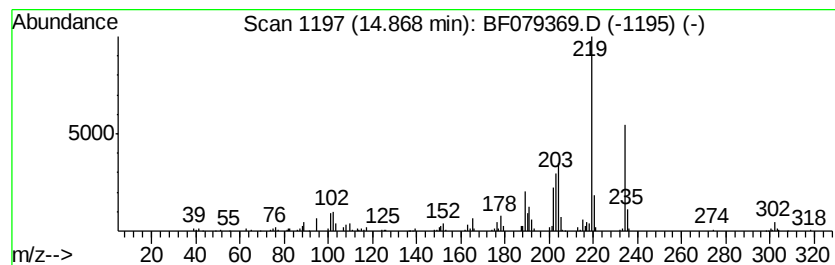
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Peak Number 9 Phenanthrene, 1-methyl-7-(1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	11.03 ng	309000	Chrysene-d12	16.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	99
2		2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	93
3		Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	58
4		Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	49
5		Benzene, 1-[(4-ethylphenyl)ethyn...	248	C19H20	102225-55-8	47



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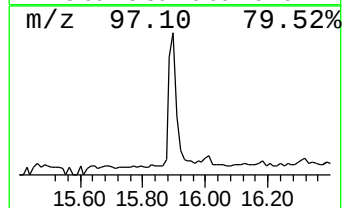
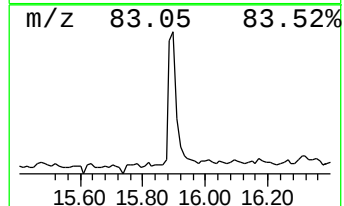
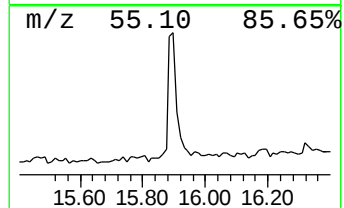
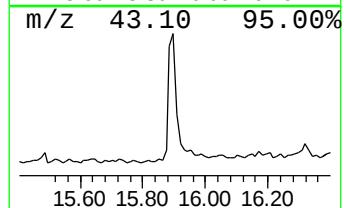
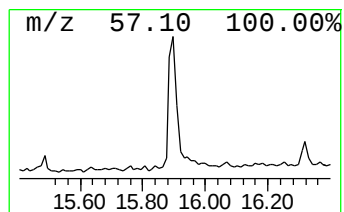
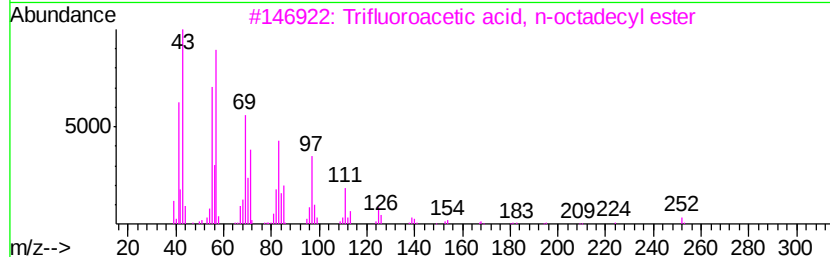
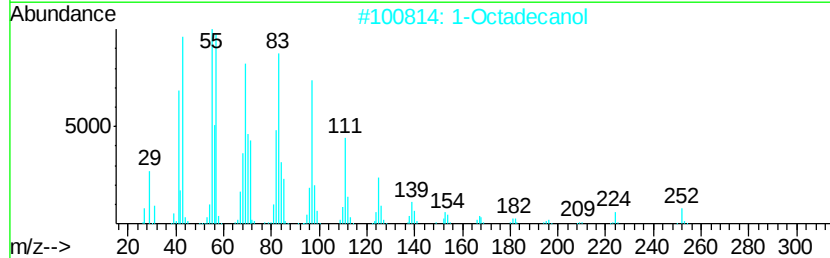
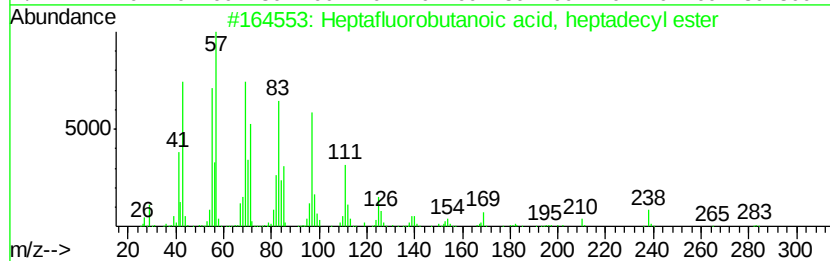
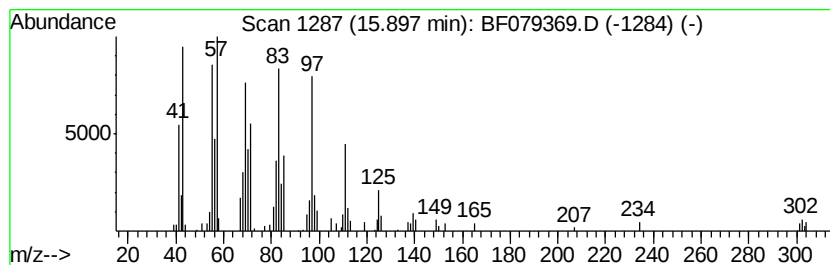
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptafluorobutanoic acid, h... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	5.79 ng	162047	Chrysene-d12	16.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	95
2		1-Octadecanol	270	C18H38O	000112-92-5	93
3		Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079369.D
Acq On : 20 May 2015 6:24
Operator : TP/IZ
Sample : G2289-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-35D

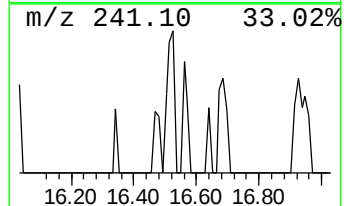
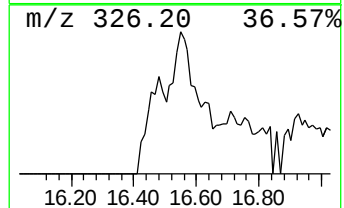
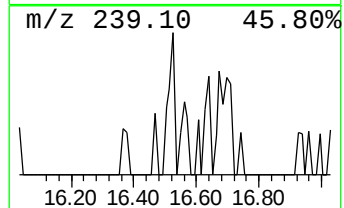
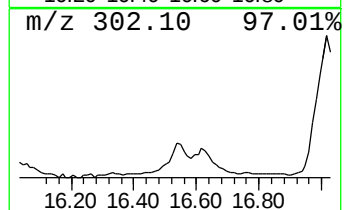
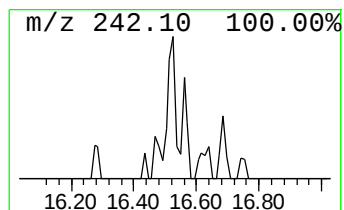
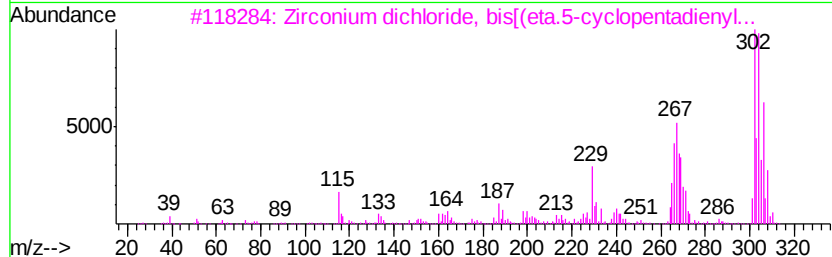
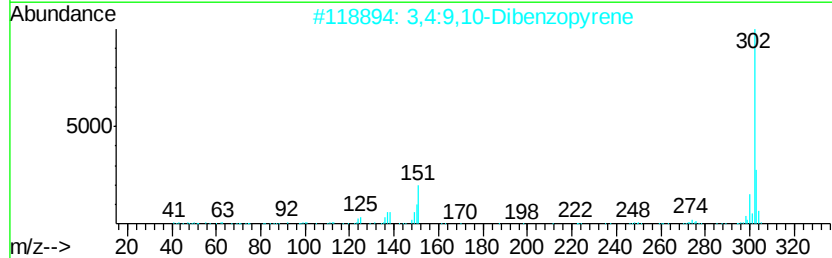
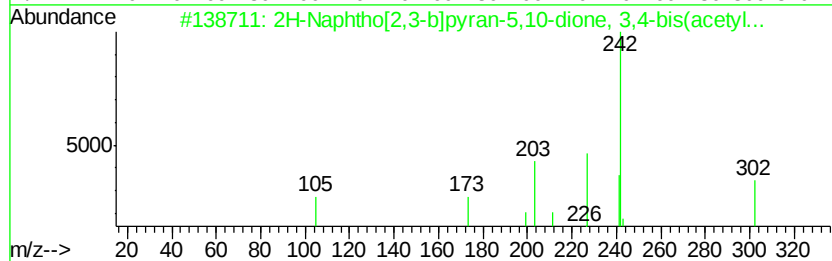
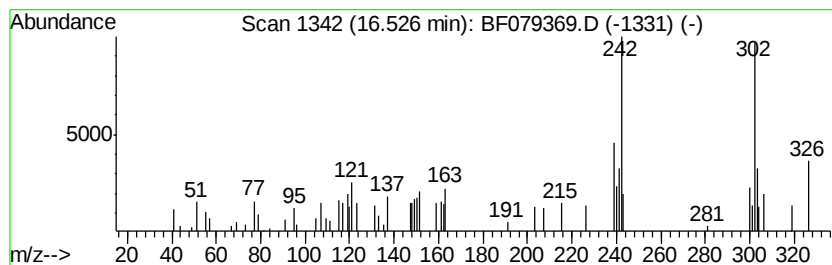
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown16.53 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	3.48 ng	97356	Chrysene-d12	16.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-Naphtho[2,3-b]pyran-5,10-dion...	344	C18H16O7	075420-30-3	38
2		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	22
3		Zirconium dichloride, bis[(eta.5...	302	C11H10Cl2Zr	1000163-91-7	22
4		Phenanthro[3,2-b]furan-4-methano...	302	C20H30O2	000472-33-3	14
5		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
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Sample : G2289-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-35D

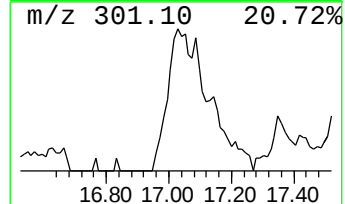
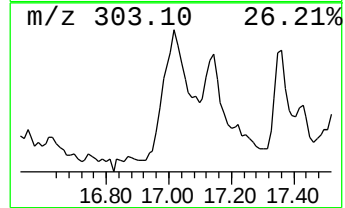
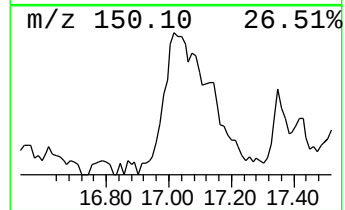
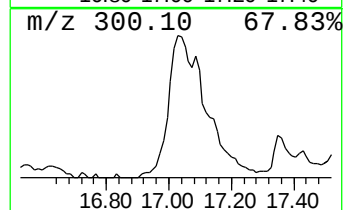
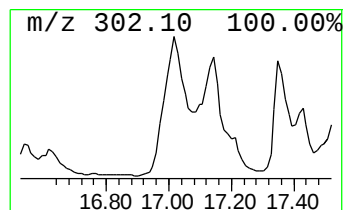
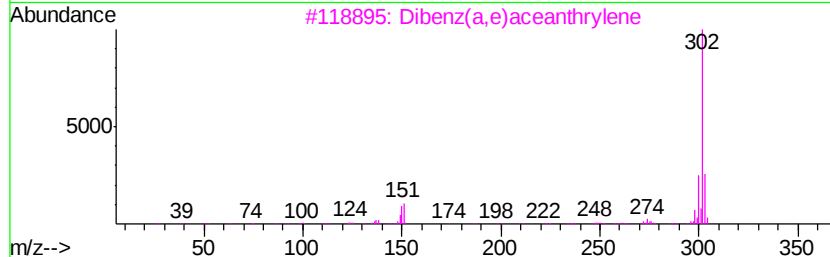
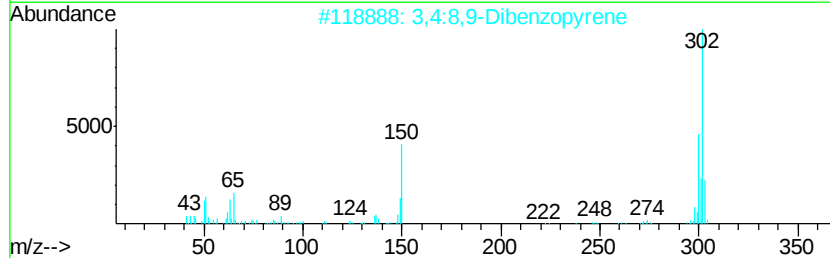
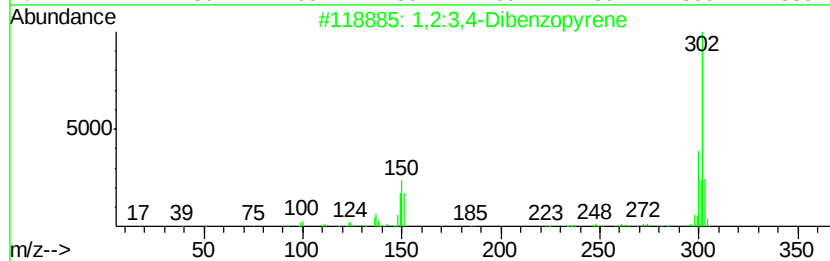
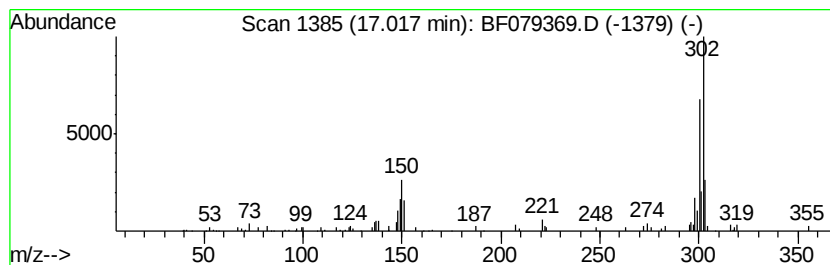
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,2:3,4-Dibenzopyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	11.27 ng	309208	Perylene-d12	17.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	86
2		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	62
3		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	60
4		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	55
5		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	53



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Sample : G2289-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-35D

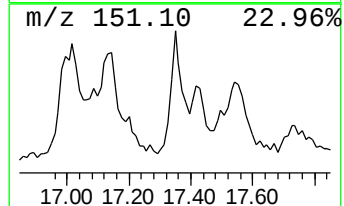
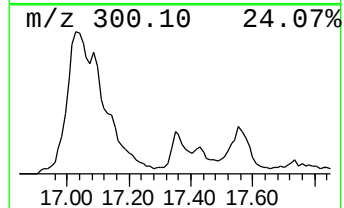
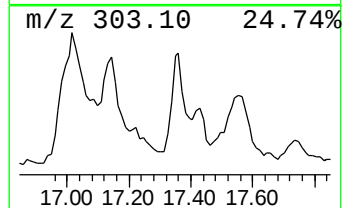
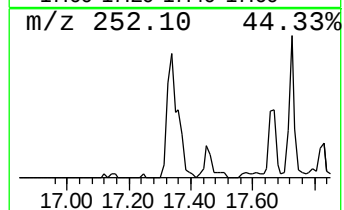
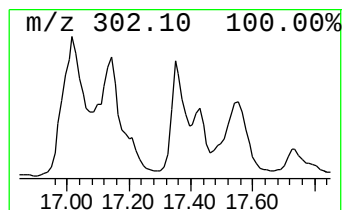
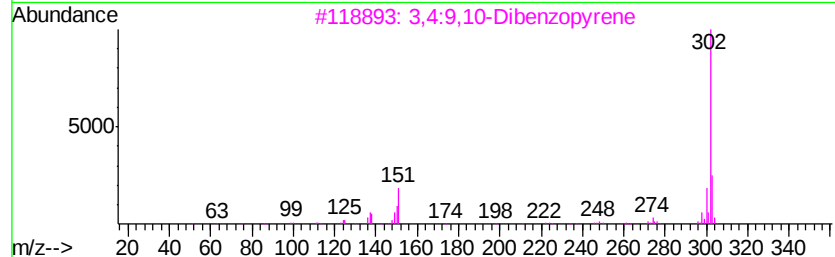
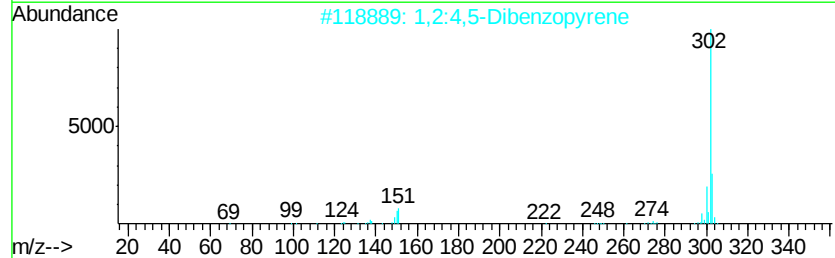
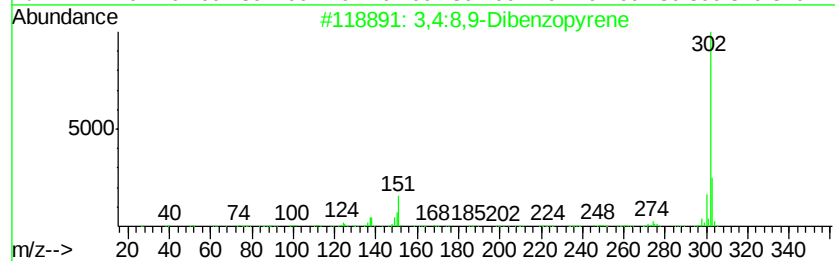
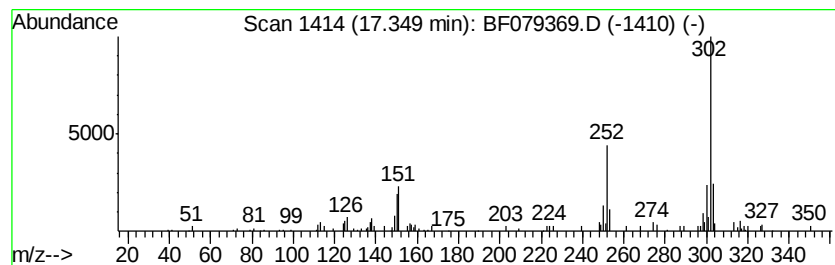
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 3,4:8,9-Dibenzopyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	6.70 ng	183806	Perylene-d12	17.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	87
2		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	60
3		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	55
4		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	50
5		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051915\
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Sample : G2289-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-35D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
unknown1.27	1.27	235.4	ng	3081940	1	7.13	261860	20.0
Butane, 2-methoxy...	1.55	14.1	ng	184316	1	7.13	261860	20.0
2-Pentanone, 4-hy...	4.88	15.1	ng	197339	1	7.13	261860	20.0
unknown6.84	6.84	66.3	ng	868691	1	7.13	261860	20.0
Phenanthrene, 1-m...	14.87	11.0	ng	309000	5	16.01	560185	20.0
Heptafluorobutano...	15.90	5.8	ng	162047	5	16.01	560185	20.0
unknown16.53	16.53	3.5	ng	97356	5	16.01	560185	20.0
1,2:3,4-Dibenzopy...	17.02	11.3	ng	309208	6	17.79	548740	20.0
3,4:8,9-Dibenzopy...	17.35	6.7	ng	183806	6	17.79	548740	20.0