

Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
 Data File : BF093240.D
 Acq On : 28 Feb 2017 11:23
 Operator : SJ/MA
 Sample : I1998-10
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMP

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-BF013017.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	4.967	249	252	259	rBV	795067	1195990	32.65%	3.112%
2	5.413	288	291	293	rBV	2626335	3183493	86.92%	8.283%
3	6.465	381	383	385	rBV	3234661	3432344	93.71%	8.931%
4	6.579	391	393	396	rBV	3086249	3025290	82.60%	7.872%
5	6.807	411	413	415	rBV	953852	797319	21.77%	2.075%
6	6.967	424	427	429	rBV	2392536	2550699	69.64%	6.637%
7	7.379	460	463	465	rBV	2309040	2258895	61.67%	5.878%
8	8.088	523	525	528	rBV	840244	1013001	27.66%	2.636%
9	9.173	617	620	622	rBV	2582671	3662601	100.00%	9.530%
10	9.562	652	654	657	rBV	1036270	939303	25.65%	2.444%
11	9.848	676	679	681	rBV	993734	1180974	32.24%	3.073%
12	10.053	694	697	699	rBV3	26230	40208	1.10%	0.105%
13	10.271	715	716	718	rVB	73611	57618	1.57%	0.150%
14	10.488	732	735	739	rBV	28209	50035	1.37%	0.130%
15	10.636	745	748	750	rBV	1891719	1922823	52.50%	5.003%
16	10.739	756	757	762	rBV2	72575	133198	3.64%	0.347%
17	10.819	762	764	765	rBV	27105	37295	1.02%	0.097%
18	10.842	765	766	768	rVV2	38832	47003	1.28%	0.122%
19	10.876	768	769	773	rVV2	26654	44439	1.21%	0.116%
20	10.934	773	774	778	rVV4	18135	46405	1.27%	0.121%
21	10.991	778	779	781	rVV2	29483	38925	1.06%	0.101%
22	11.025	781	782	784	rVV	30808	41504	1.13%	0.108%
23	11.196	794	797	798	rBV	52220	81351	2.22%	0.212%
24	11.322	806	808	811	rBV2	1025825	1272718	34.75%	3.312%
25	11.551	826	828	832	rBV	136957	220878	6.03%	0.575%
26	11.619	832	834	836	rVV	50664	48903	1.34%	0.127%
27	11.859	853	855	856	rBV	35474	37163	1.01%	0.097%
28	11.939	861	862	865	rVB2	34157	44443	1.21%	0.116%
29	12.305	892	894	895	rBV	36841	39912	1.09%	0.104%
30	12.374	898	900	902	rBV	82849	95630	2.61%	0.249%
31	12.534	912	914	917	rBV	178763	230807	6.30%	0.601%
32	12.762	932	934	936	rVV2	179100	261534	7.14%	0.681%
33	12.808	936	938	942	rVB3	44312	82498	2.25%	0.215%
34	12.911	944	947	950	rBV	3092154	3612287	98.63%	9.399%

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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	13.265	975	978	979	rBV	44515	68223	1.86%	0.178%
36	13.448	991	994	996	rBV	899828	797072	21.76%	2.074%
37	13.597	1004	1007	1012	rBV2	55715	135532	3.70%	0.353%
38	13.802	1023	1025	1030	rVB4	194004	359115	9.80%	0.934%
39	13.962	1035	1039	1043	rVV2	1076298	1583178	43.23%	4.119%
40	14.545	1085	1090	1092	rBV2	142048	369082	10.08%	0.960%
41	14.591	1092	1094	1095	rVV	321712	454728	12.42%	1.183%
42	14.625	1095	1097	1100	rVV	153001	344285	9.40%	0.896%
43	14.705	1102	1104	1107	rVV	175054	349161	9.53%	0.909%
44	14.762	1107	1109	1110	rVV	60499	72399	1.98%	0.188%
45	14.797	1110	1112	1114	rVB	266781	370535	10.12%	0.964%
46	14.980	1126	1128	1132	rBV	74406	125732	3.43%	0.327%
47	15.265	1151	1153	1156	rVB	55901	79754	2.18%	0.208%
48	15.323	1156	1158	1161	rVB	61808	93143	2.54%	0.242%
49	15.391	1161	1164	1169	rBV	591761	892825	24.38%	2.323%
50	15.791	1197	1199	1202	rBV	47469	75913	2.07%	0.198%
51	16.168	1228	1232	1238	rVB	94861	276900	7.56%	0.720%
52	16.763	1282	1284	1292	rVB2	46441	139687	3.81%	0.363%
53	17.197	1319	1322	1328	rBV2	28396	117735	3.21%	0.306%

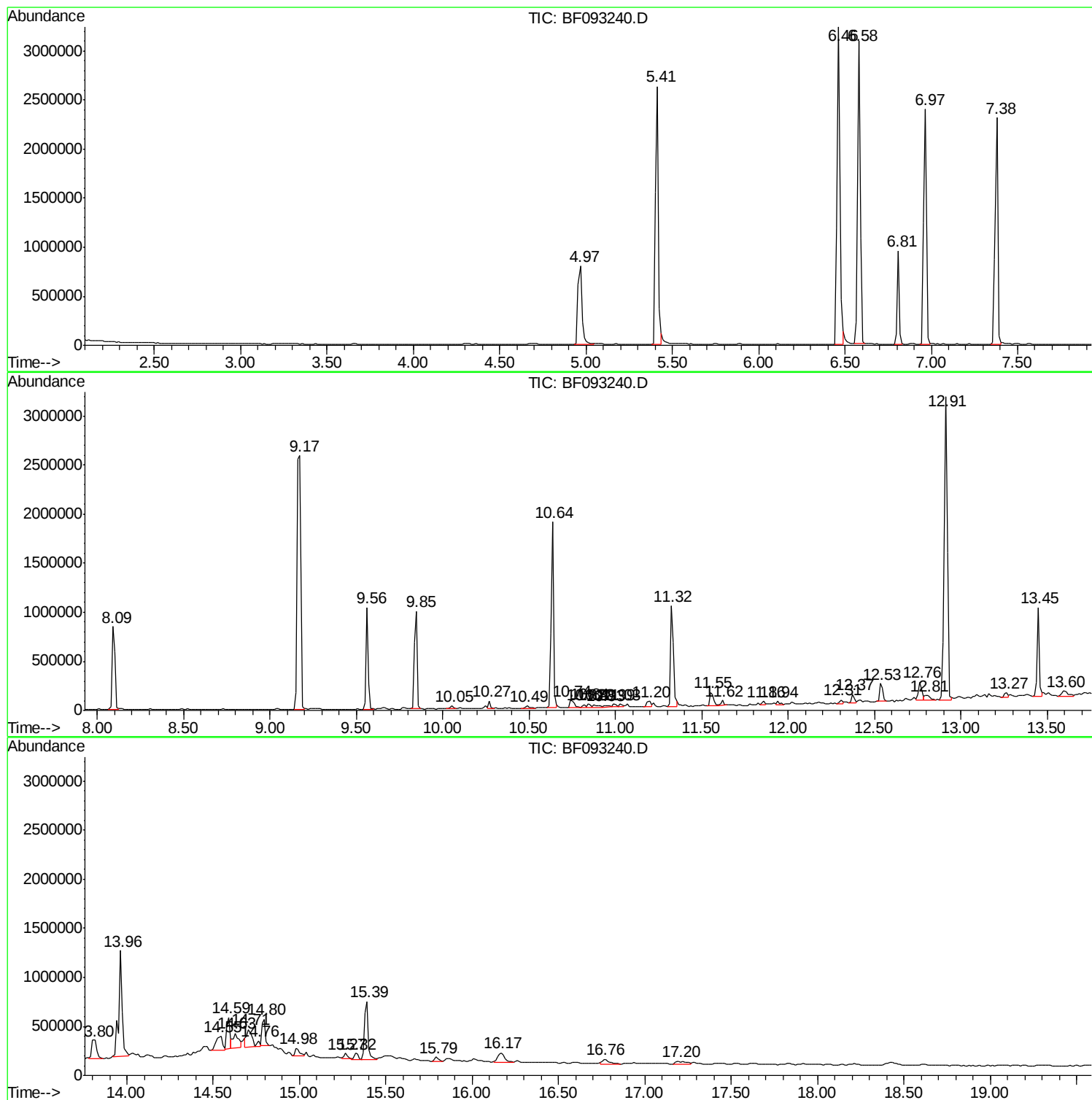
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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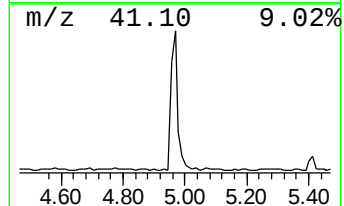
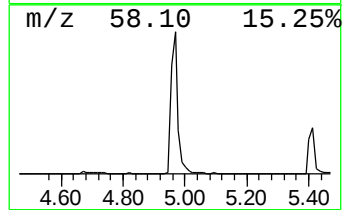
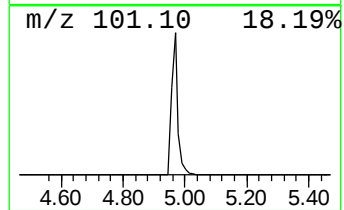
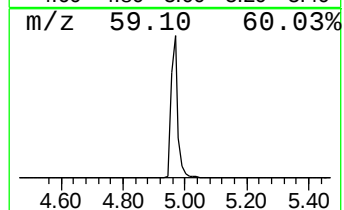
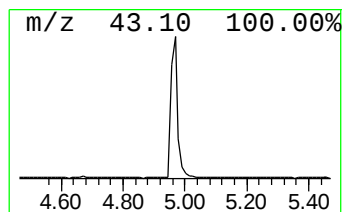
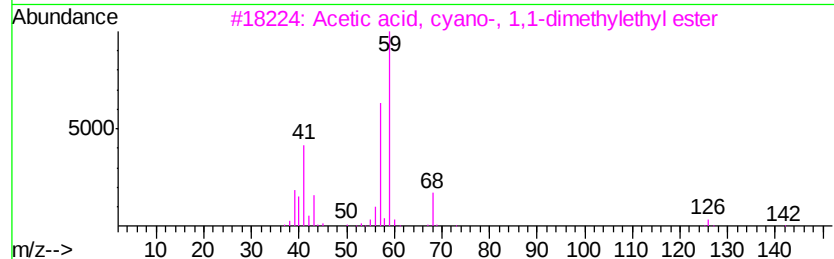
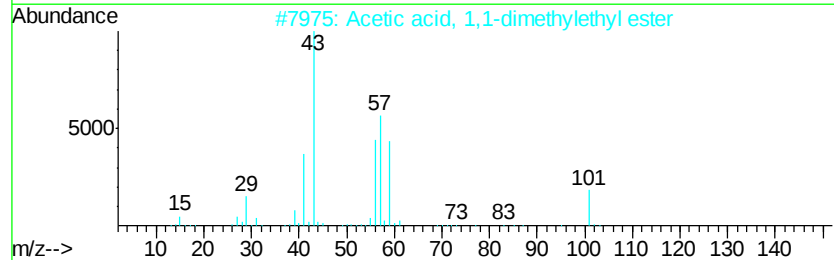
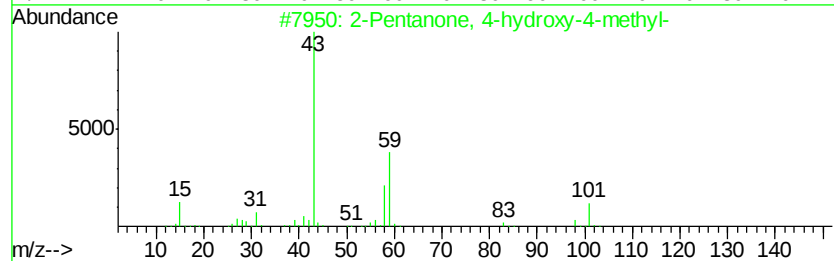
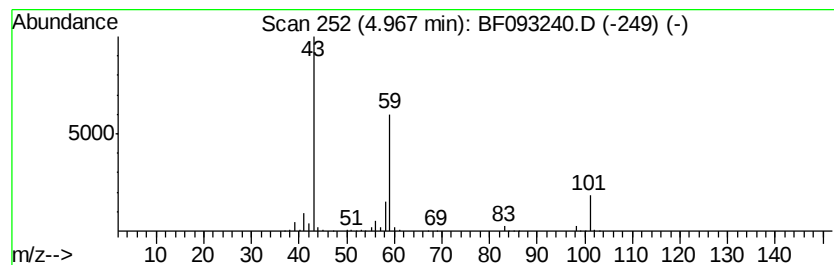
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	30.00 ng	1195990	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9



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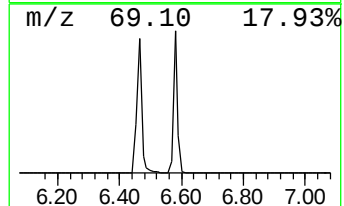
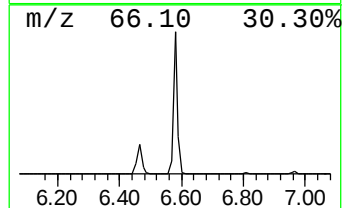
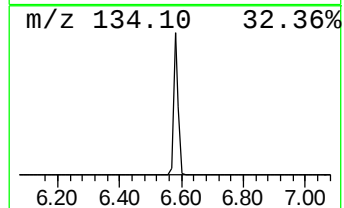
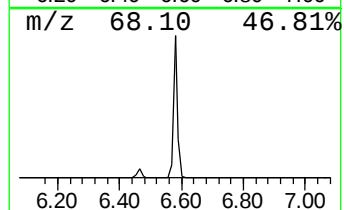
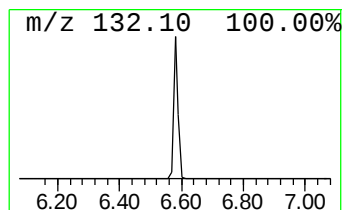
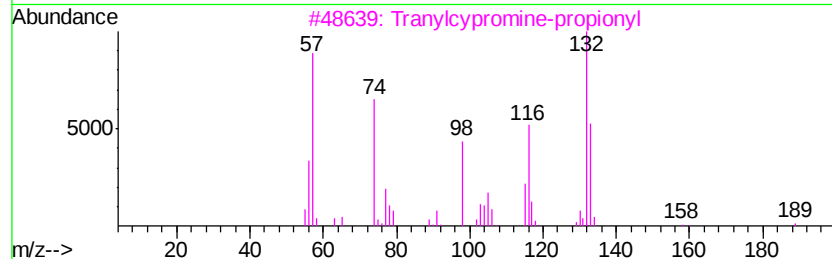
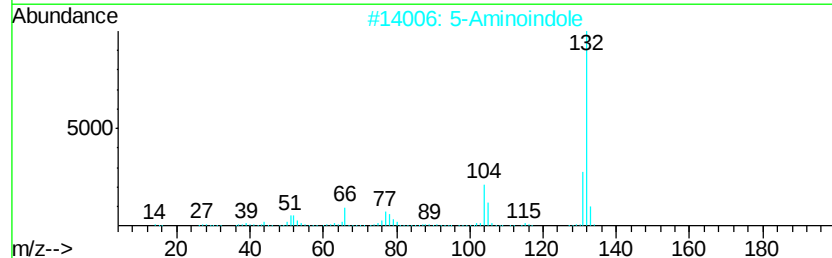
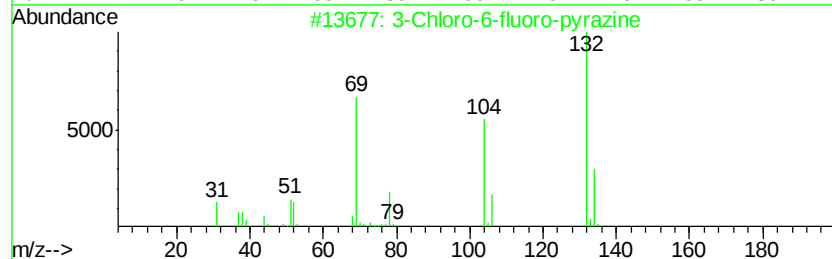
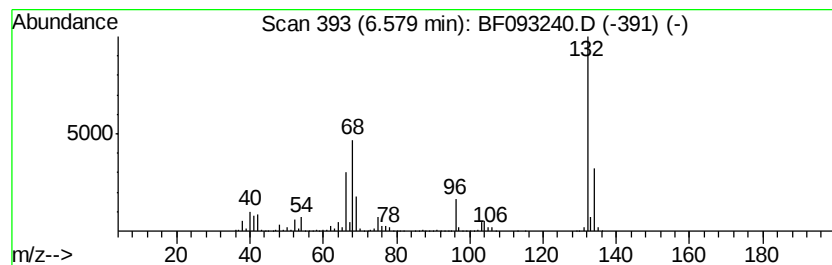
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	75.89 ng	3025290	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5	Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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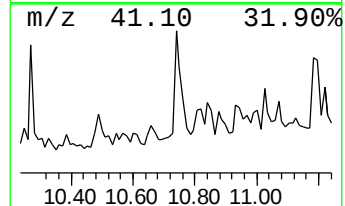
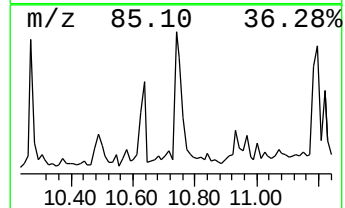
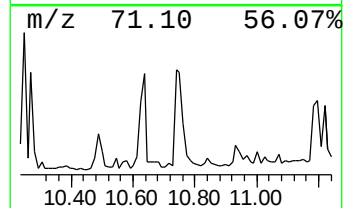
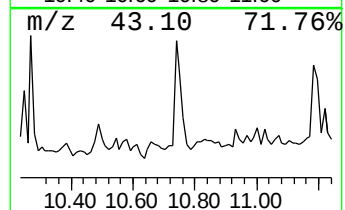
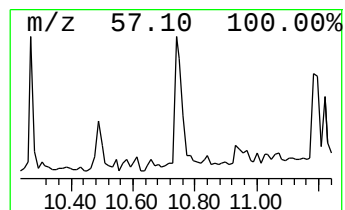
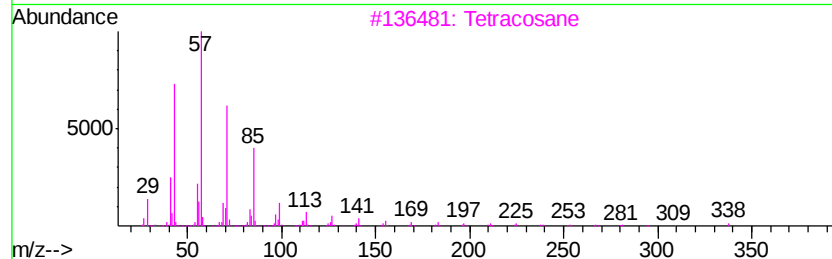
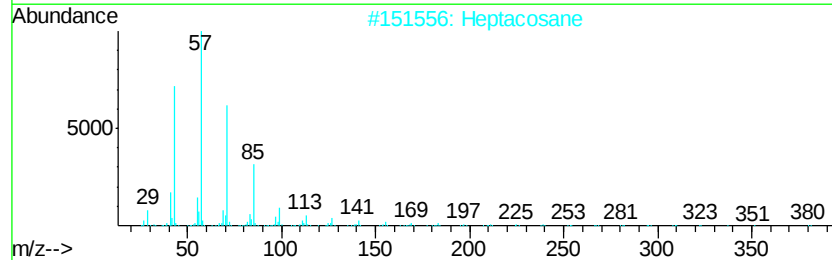
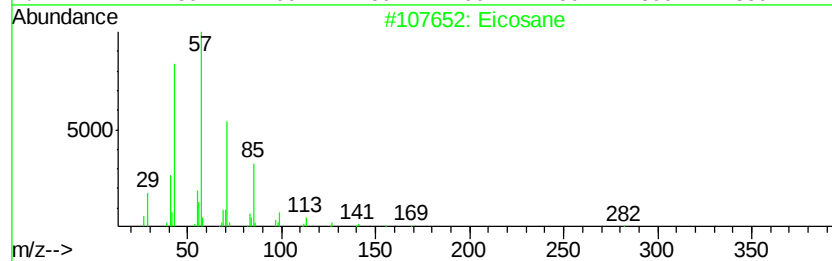
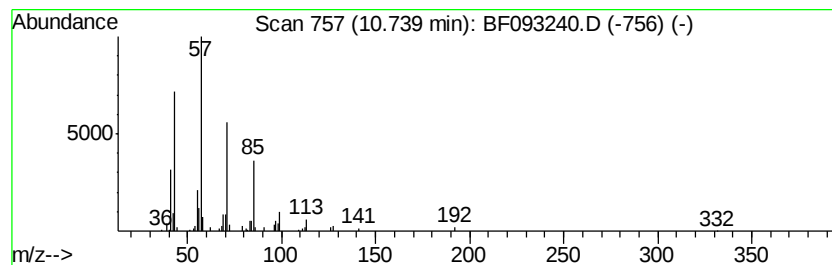
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	2.09 ng	133198	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heptacosane	380	C27H56	000593-49-7	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Tetradecane	198	C14H30	000629-59-4	86
5		Hexadecane	226	C16H34	000544-76-3	86



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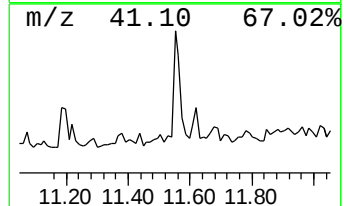
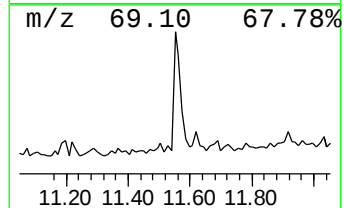
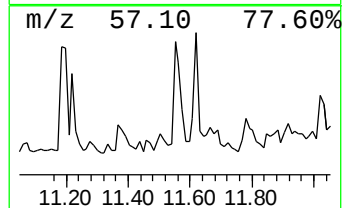
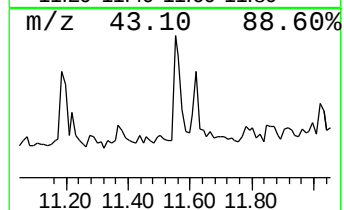
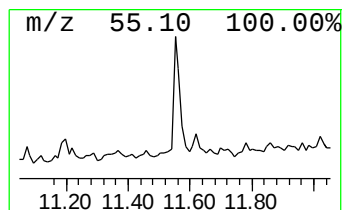
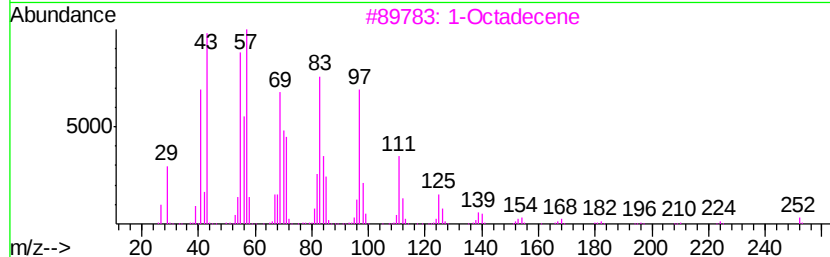
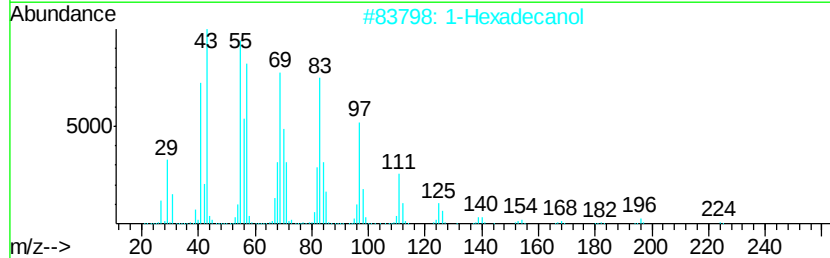
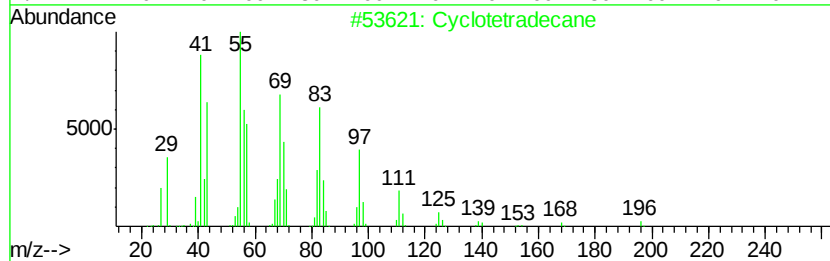
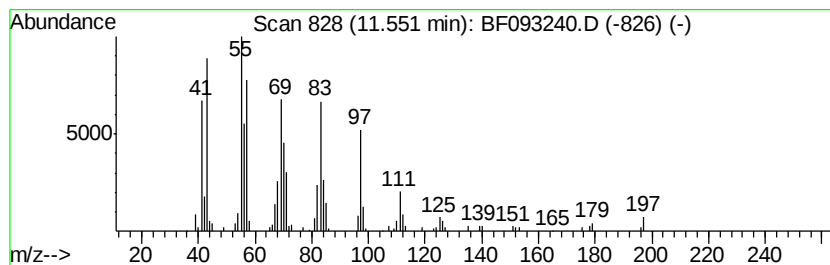
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Peak Number 5 Cyclotetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.55	3.47 ng	220878	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	96
2	1-Hexadecanol	242	C16H34O	036653-82-4	95
3	1-Octadecene	252	C18H36	000112-88-9	91
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91



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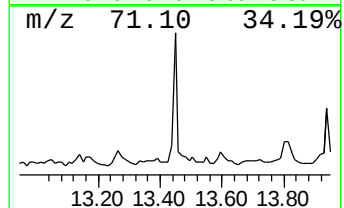
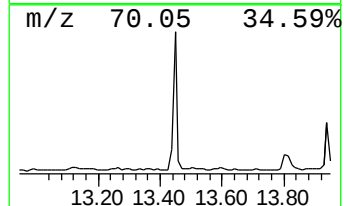
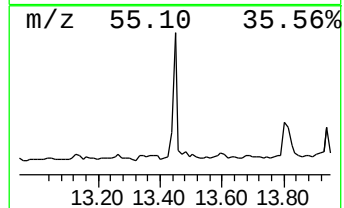
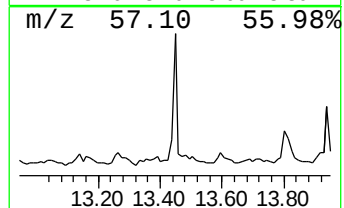
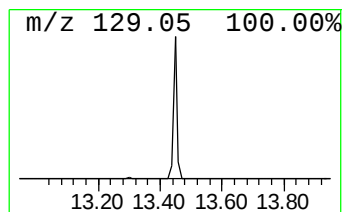
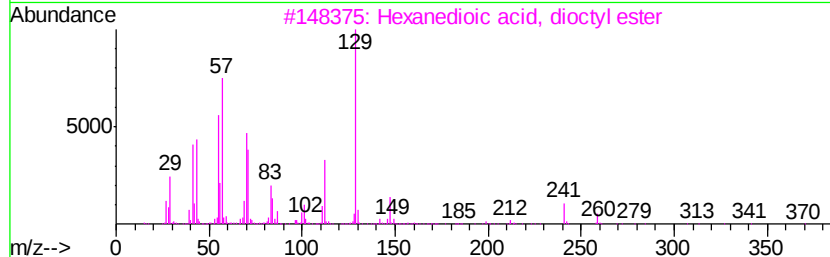
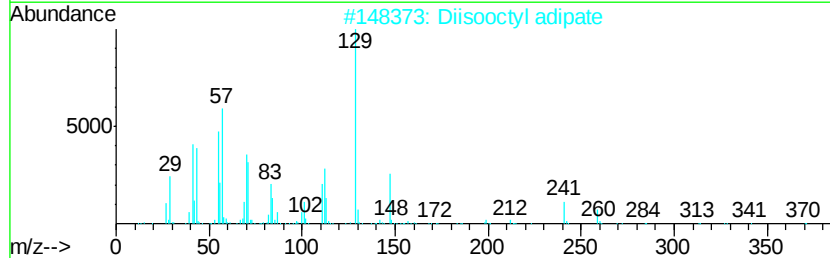
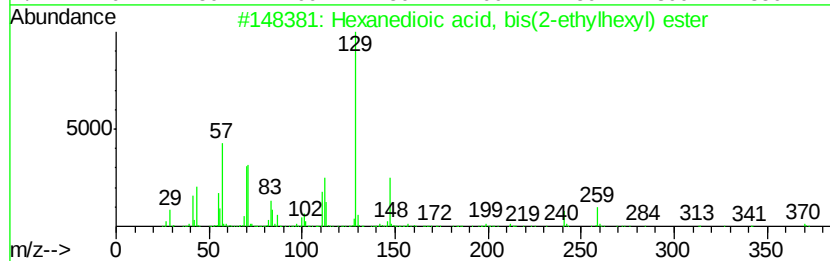
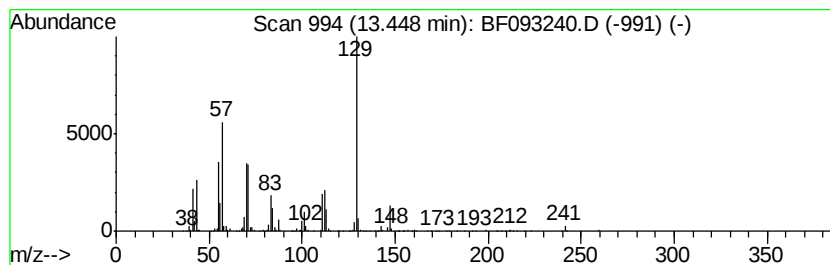
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexanedioic acid, bis(2-eth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	10.07 ng	797072	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2		Diisooctyl adipate	370	C22H42O4	001330-86-5	83
3		Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	64
4		Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	53
5		Hexanedioic acid, dihexyl ester	314	C18H34O4	000110-33-8	47



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093240.D
Acq On : 28 Feb 2017 11:23
Operator : SJ/MA
Sample : I1998-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

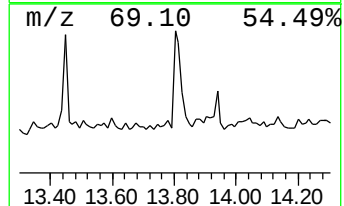
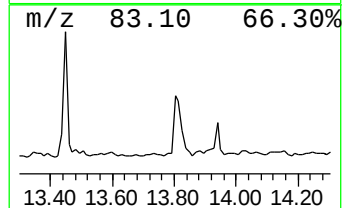
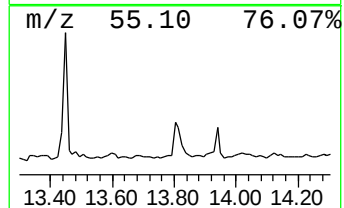
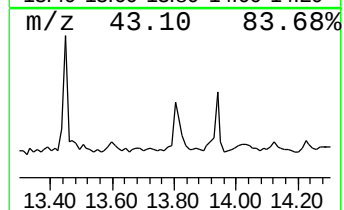
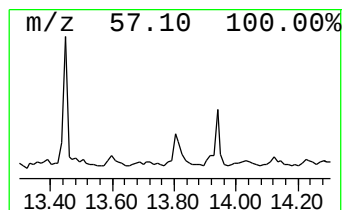
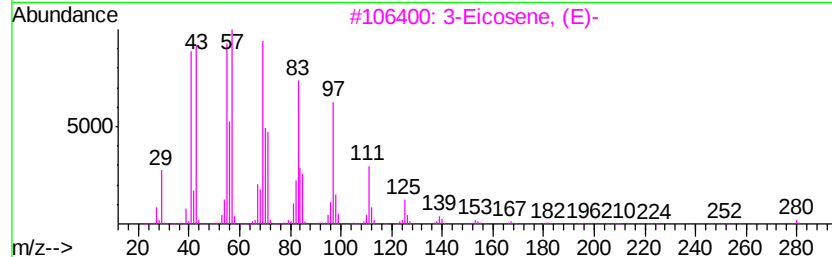
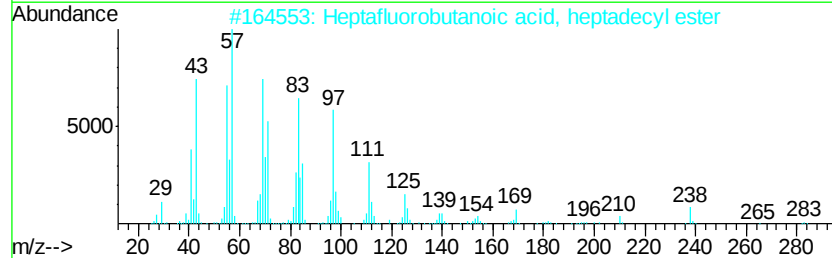
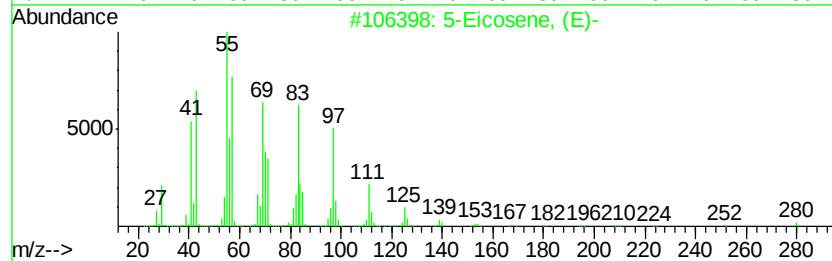
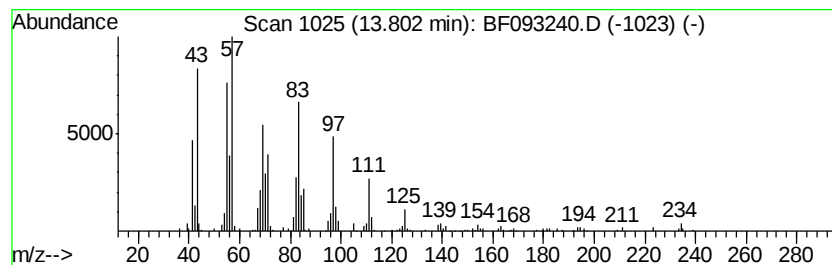
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ROLL-OFF-1615-COMP

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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-Eicosene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.80	4.54 ng	359115	Chrysene-d12	13.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	90
2	Heptafluorobutanoic acid, heptadecyl-		452	C21H35F7O2	1000282-97-3	90
3	3-Eicosene, (E)-		280	C20H40	074685-33-9	90
4	11-Tricosene		322	C23H46	052078-56-5	87
5	Trichloroacetic acid, pentadecyl-		372	C17H31Cl3O2	074339-53-0	87



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093240.D
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Sample : I1998-10
Misc :
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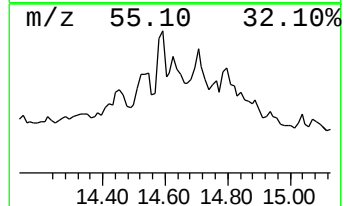
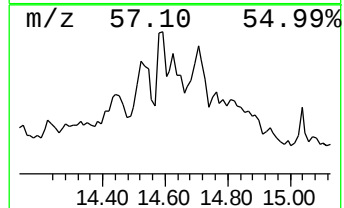
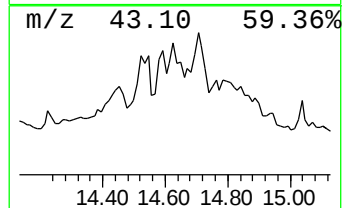
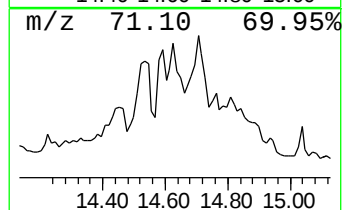
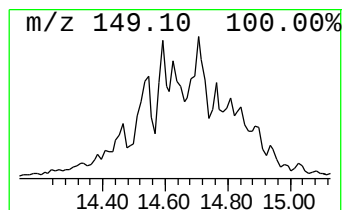
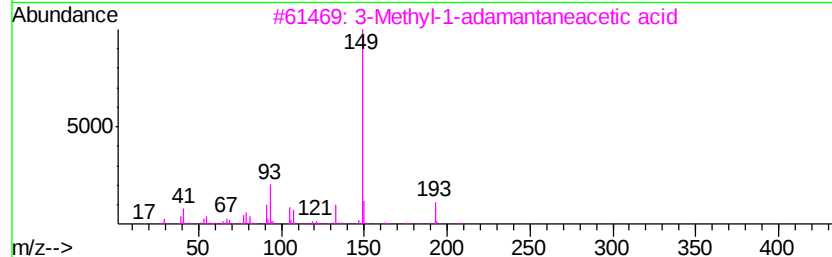
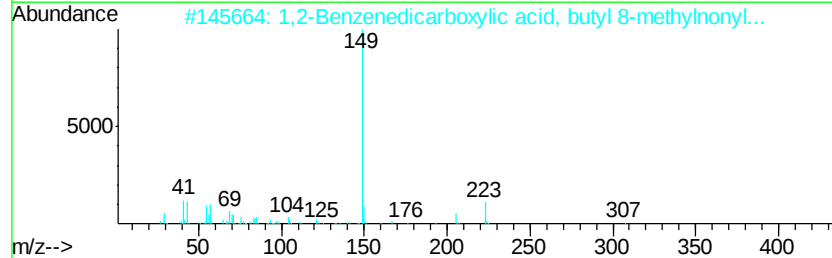
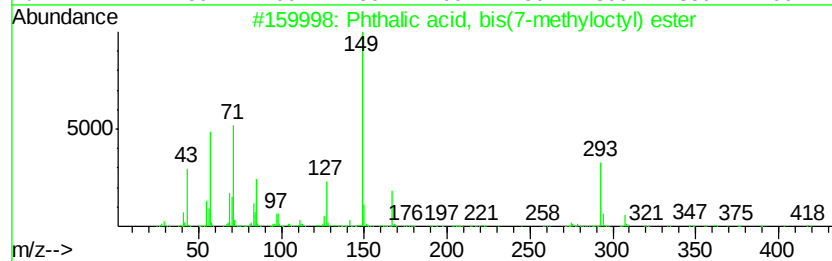
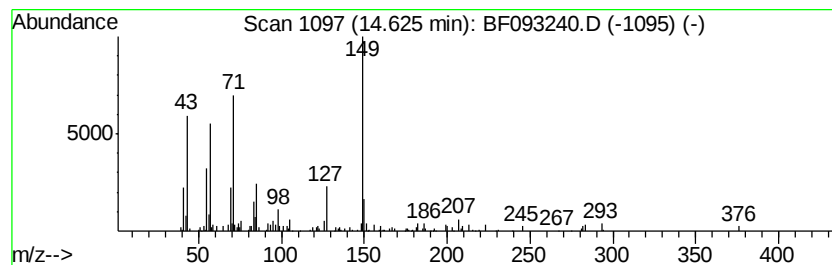
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phthalic acid, bis(7-methyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.63	4.35 ng	344285	Chrysene-d12		13.96	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phthalic acid, bis(7-methyloctyl...	418	C26H42O4	020548-62-3	86
2		1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	38
3		3-Methyl-1-adamantaneacetic acid	208	C13H20O2	014202-13-2	38
4		1,2-Benzenedicarboxylic acid, di...	330	C20H26O4	000084-61-7	35
5		1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	35



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093240.D
Acq On : 28 Feb 2017 11:23
Operator : SJ/MA
Sample : I1998-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ROLL-OFF-1615-COMP

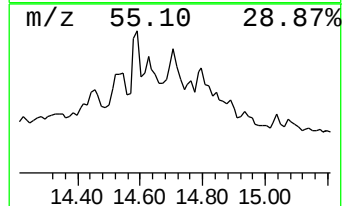
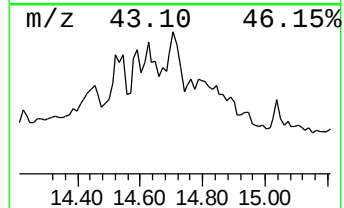
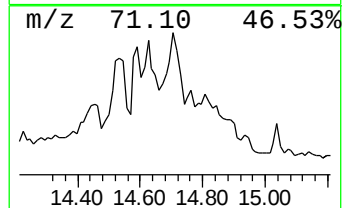
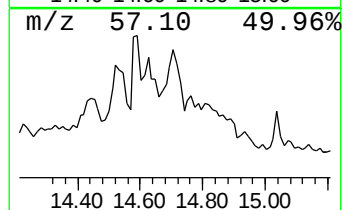
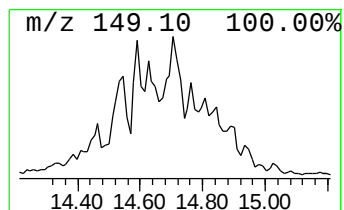
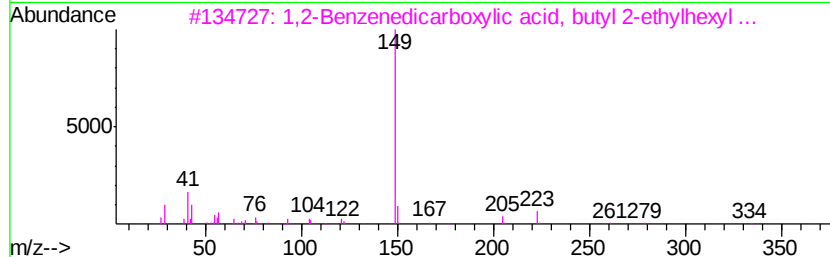
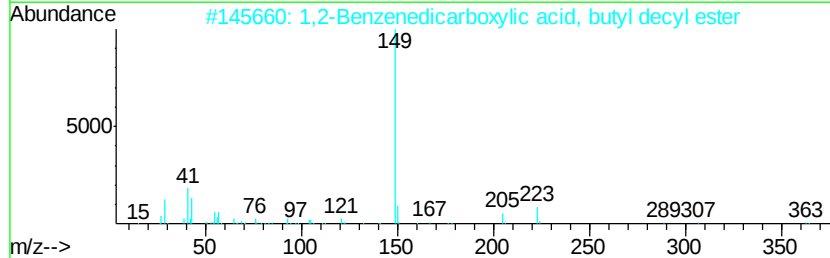
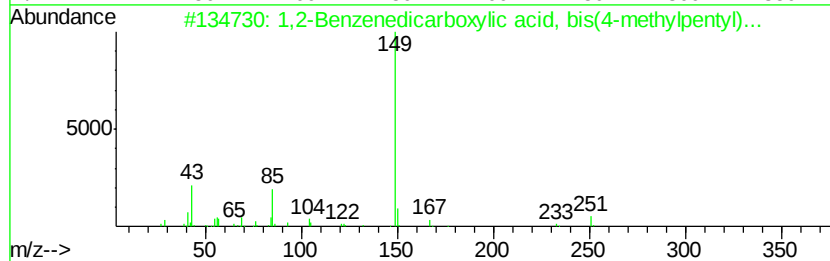
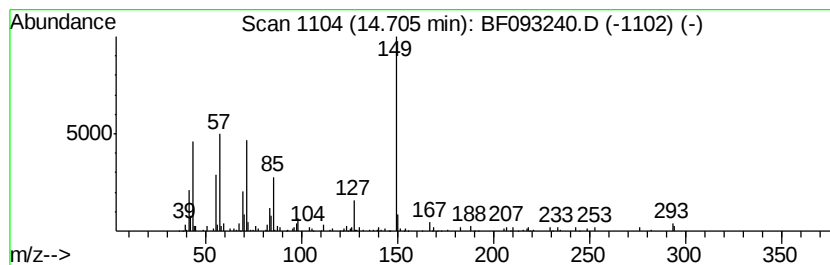
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown14.71 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	7.82 ng	349161	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	37
2		1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-19-0	35
3		1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	32
4		1,2-Benzenedicarboxylic acid, di...	334	C20H30O4	000084-75-3	32
5		1,2-Benzenedicarboxylic acid, is...	418	C26H42O4	001330-96-7	32



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093240.D
Acq On : 28 Feb 2017 11:23
Operator : SJ/MA
Sample : I1998-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

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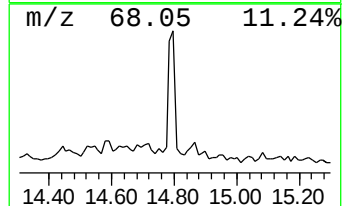
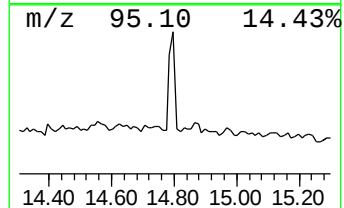
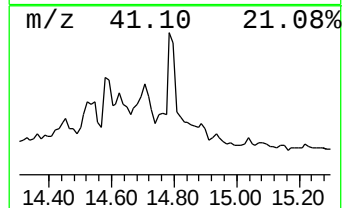
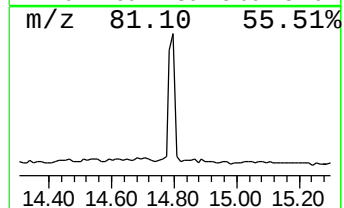
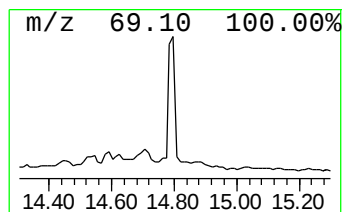
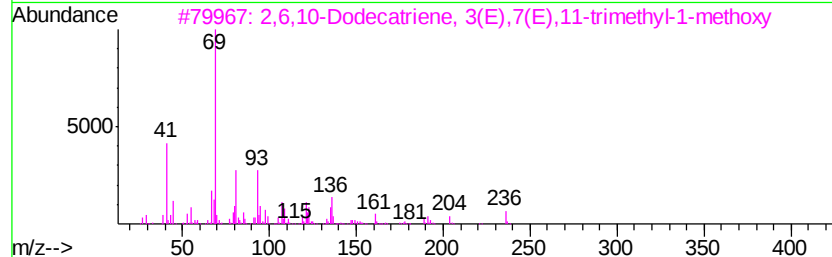
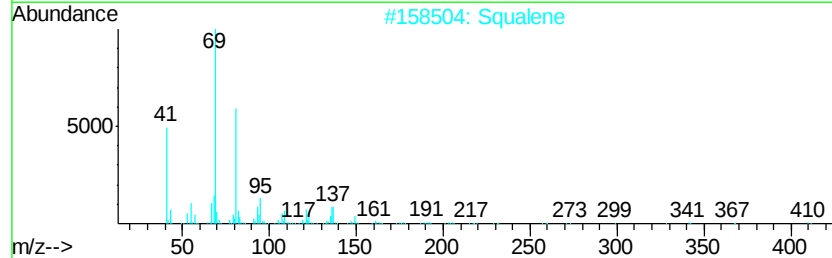
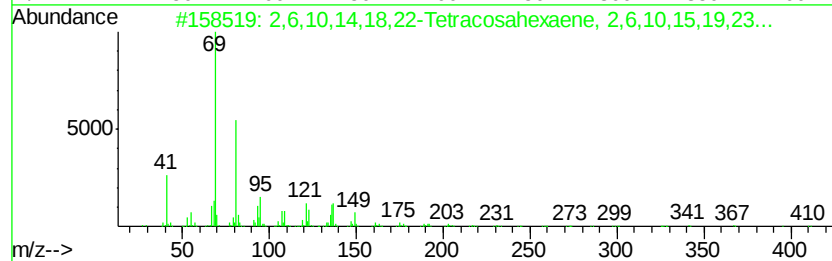
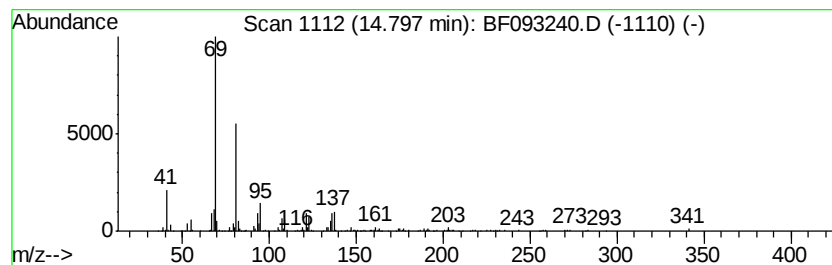
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	8.30 ng	370535	Perylene-d12	15.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91		
2	Squalene	410	C30H50	007683-64-9	91		
3	2,6,10-Dodecatriene, 3(E),7(E),1...	236	C16H28O	1000159-57-9	78		
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	78		
5	Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	72		



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
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Sample : I1998-10
Misc :
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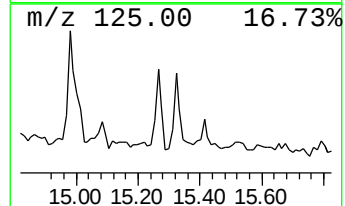
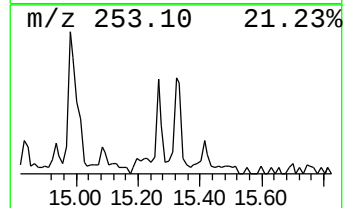
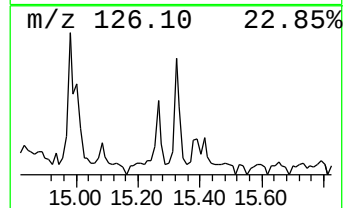
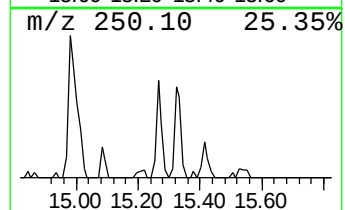
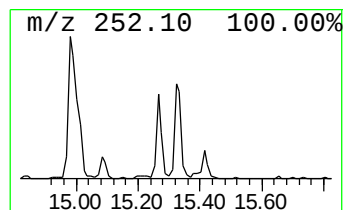
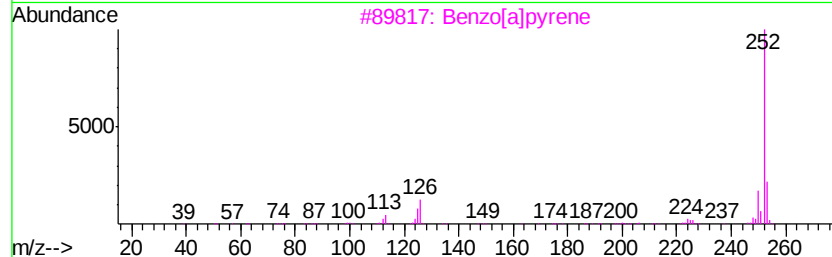
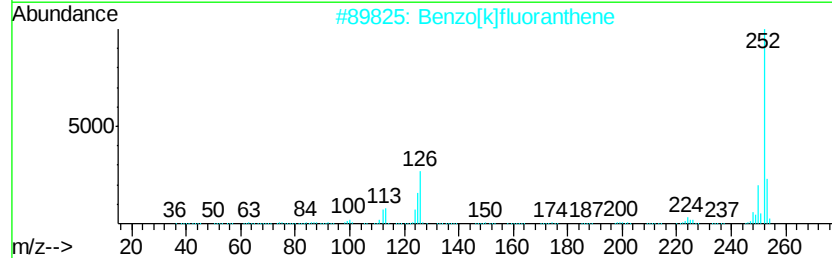
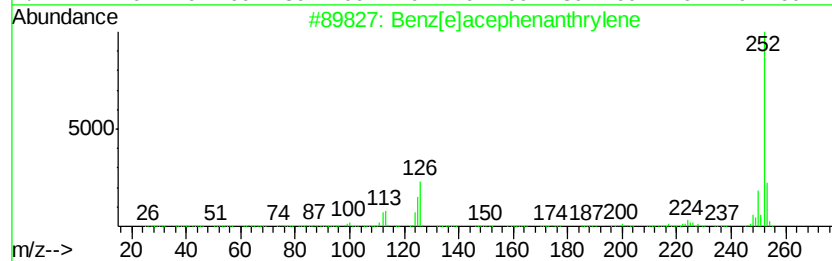
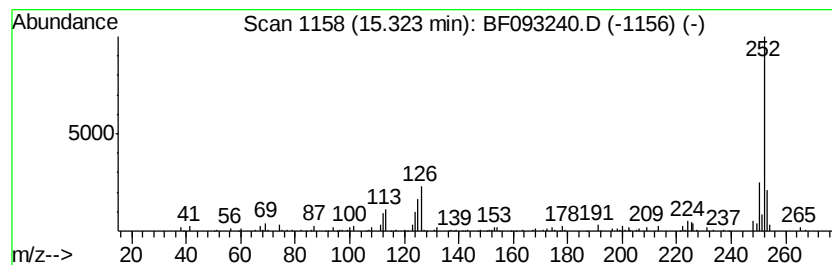
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benz[e]acephenanthrylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	2.09 ng	93143	Perylene-d12	15.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benz[e]acephenanthrylene	252 C20H12	000205-99-2 96
2		Benzo[k]fluoranthene	252 C20H12	000207-08-9 96
3		Benzo[a]pyrene	252 C20H12	000050-32-8 95
4		Benzo[e]pyrene	252 C20H12	000192-97-2 95
5		Perylene	252 C20H12	000198-55-0 91



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
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Acq On : 28 Feb 2017 11:23
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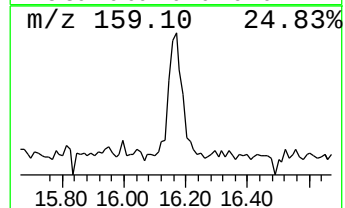
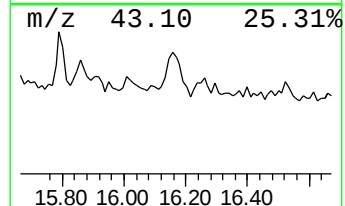
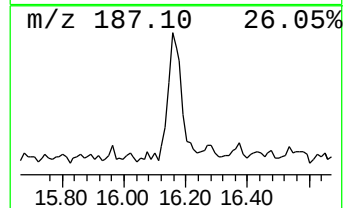
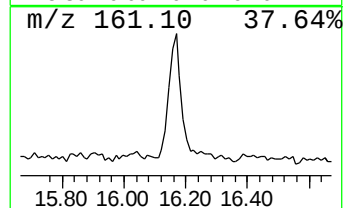
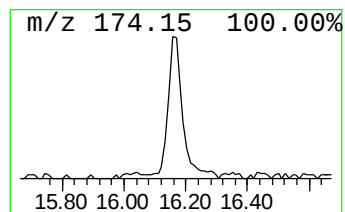
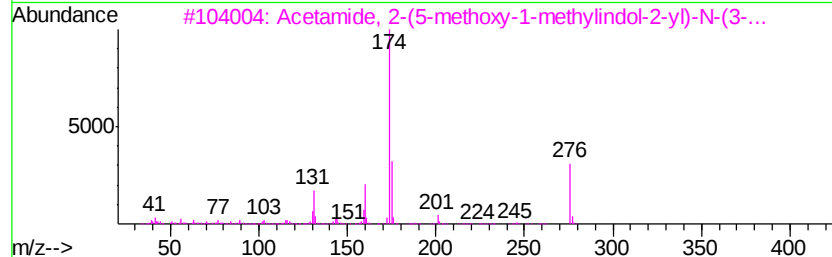
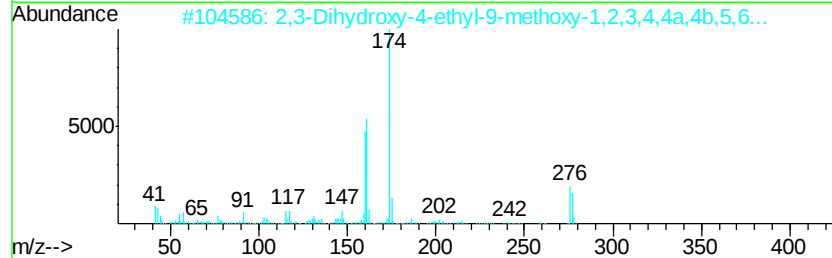
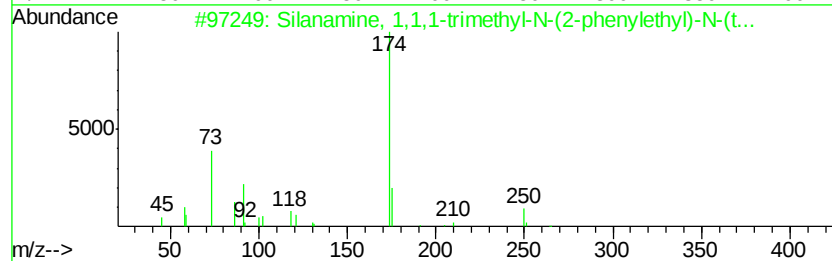
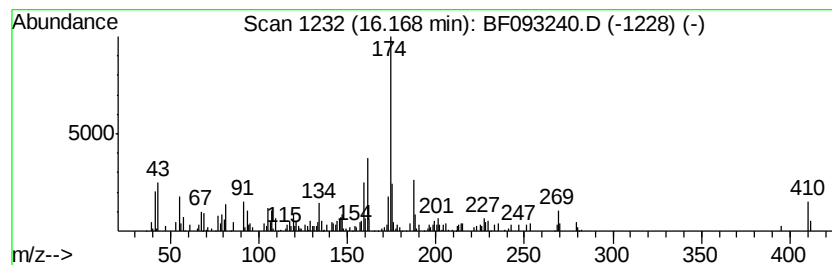
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown16.17 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	6.20 ng	276900	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silanamine, 1,1,1-trimethyl-N-(2...	265	C14H27NSi2	058367-45-6	38
2		2,3-Dihydroxy-4-ethyl-9-methoxy-...	277	C16H23NO3	1000111-32-1	37
3		Acetamide, 2-(5-methoxy-1-methyl...	276	C15H20N2O3	294874-67-2	37
4		N-[[2-p-Tolylsulfonyl]ethyl]phth...	329	C17H15N04S	069384-65-2	35
5		Ethane, 1,2-Diphenyl-1,2-di(1-pi...	348	C24H32N2	1000193-13-6	35



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093240.D
Acq On : 28 Feb 2017 11:23
Operator : SJ/MA
Sample : I1998-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMP

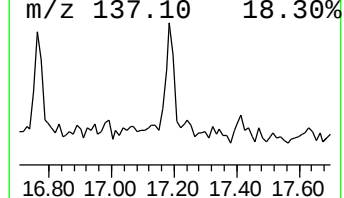
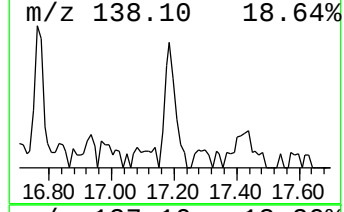
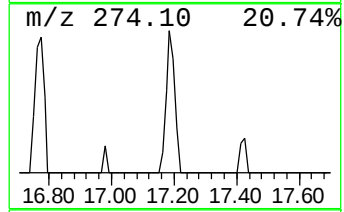
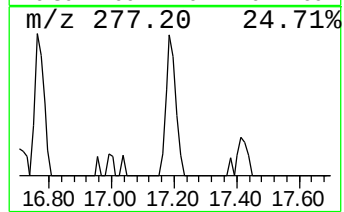
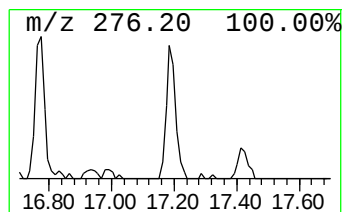
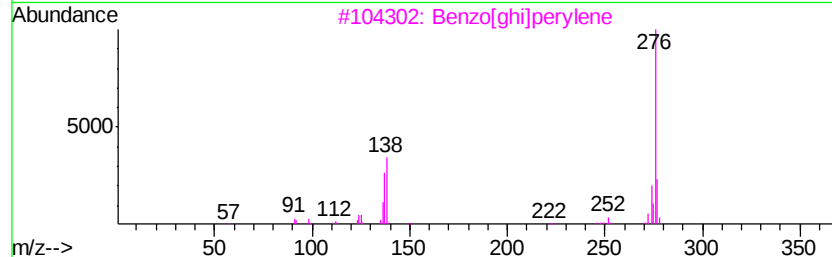
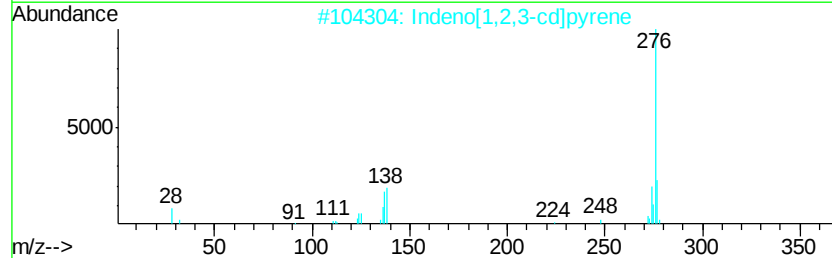
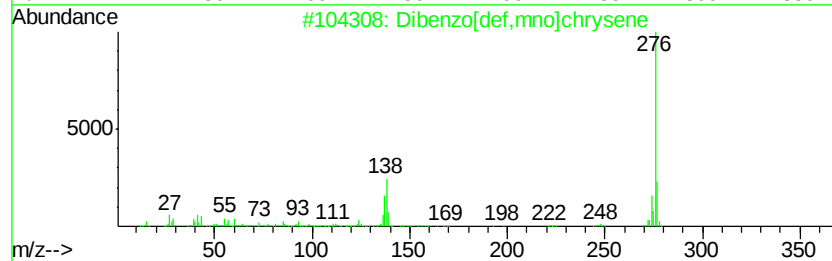
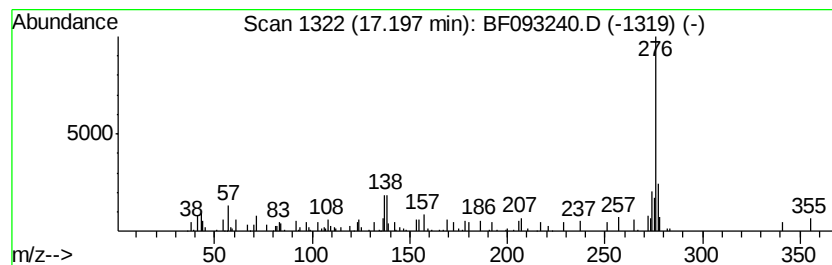
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dibenzo[def,mno]chrysene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	2.64 ng	117735	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	76
2		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	68
3		Benzo[ghi]perylene	276	C22H12	000191-24-2	62
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	53
5		Oxazolo[5',4':4,5]pyrido[2,3-d]p...	276	C12H12N4O4	349496-92-0	53



Data Path : Z:\HPCHEM1\BNA_F\Data\BF022817\
Data File : BF093240.D
Acq On : 28 Feb 2017 11:23
Operator : SJ/MA
Sample : I1998-10
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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
2-Pentanone, 4-hy...	4.97	30.0	ng	1195990	1	6.81	797319	20.0
unknown6.58	6.58	75.9	ng	3025290	1	6.81	797319	20.0
Eicosane	10.74	2.1	ng	133198	4	11.32	1272720	20.0
Cyclotetradecane	11.55	3.5	ng	220878	4	11.32	1272720	20.0
Hexanedioic acid,...	13.45	10.1	ng	797072	5	13.96	1583180	20.0
5-Eicosene, (E)-	13.80	4.5	ng	359115	5	13.96	1583180	20.0
Phthalic acid, bi...	14.63	4.3	ng	344285	5	13.96	1583180	20.0
unknown14.71	14.71	7.8	ng	349161	6	15.39	892825	20.0
2,6,10,14,18,22-T...	14.80	8.3	ng	370535	6	15.39	892825	20.0
Benz[e]acephenant...	15.32	2.1	ng	93143	6	15.39	892825	20.0
unknown16.17	16.17	6.2	ng	276900	6	15.39	892825	20.0
Dibenzo[def,mno]c...	17.20	2.6	ng	117735	6	15.39	892825	20.0