

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102418.D
 Acq On : 25 Jan 2018 11:37
 Operator : SJ/JU
 Sample : J1258-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PIERS

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.910	476	480	491	rVB	466107	642471	18.52%	2.198%
2	5.328	547	551	565	rBV	2625740	2694667	77.68%	9.221%
3	6.357	721	726	729	rBV	2635102	2880213	83.02%	9.856%
4	6.486	743	748	751	rBV	2985683	2802847	80.79%	9.591%
5	6.710	783	786	794	rBV	824055	771865	22.25%	2.641%
6	6.869	809	813	816	rBV	2768213	2454334	70.75%	8.398%
7	7.281	878	883	886	rBV	1907480	1966440	56.68%	6.729%
8	7.992	1000	1004	1008	rBV	1084910	1036142	29.87%	3.545%
9	9.075	1182	1188	1191	rBV	3624519	3469136	100.00%	11.871%
10	9.145	1197	1200	1203	rVB2	47399	52292	1.51%	0.179%
11	9.469	1250	1255	1258	rBV	346441	374306	10.79%	1.281%
12	9.610	1276	1279	1283	rBV4	70845	120683	3.48%	0.413%
13	9.651	1283	1286	1289	rVV2	122630	112619	3.25%	0.385%
14	9.680	1289	1291	1295	rBV4	48609	64377	1.86%	0.220%
15	9.751	1295	1303	1306	rBV	1154428	1266984	36.52%	4.335%
16	10.004	1343	1346	1348	rBV2	97769	106111	3.06%	0.363%
17	10.080	1353	1359	1362	rBV4	106471	215031	6.20%	0.736%
18	10.151	1368	1371	1373	rBV2	177010	172010	4.96%	0.589%
19	10.398	1410	1413	1419	rVB	216403	225139	6.49%	0.770%
20	10.539	1434	1437	1440	rBV	1157623	1009879	29.11%	3.456%
21	10.663	1454	1458	1465	rBV	580513	749830	21.61%	2.566%
22	11.127	1535	1537	1543	rVB	532621	589784	17.00%	2.018%
23	11.233	1552	1555	1561	rBV	971957	1010762	29.14%	3.459%
24	12.821	1821	1825	1828	rVB	2643030	2584737	74.51%	8.845%
25	13.710	1973	1976	1985	rVB	298486	330033	9.51%	1.129%
26	13.868	1999	2003	2011	rVB	827894	807287	23.27%	2.762%
27	15.292	2240	2245	2255	rBV	514259	663375	19.12%	2.270%
28	15.768	2322	2326	2333	rBV5	24452	50839	1.47%	0.174%

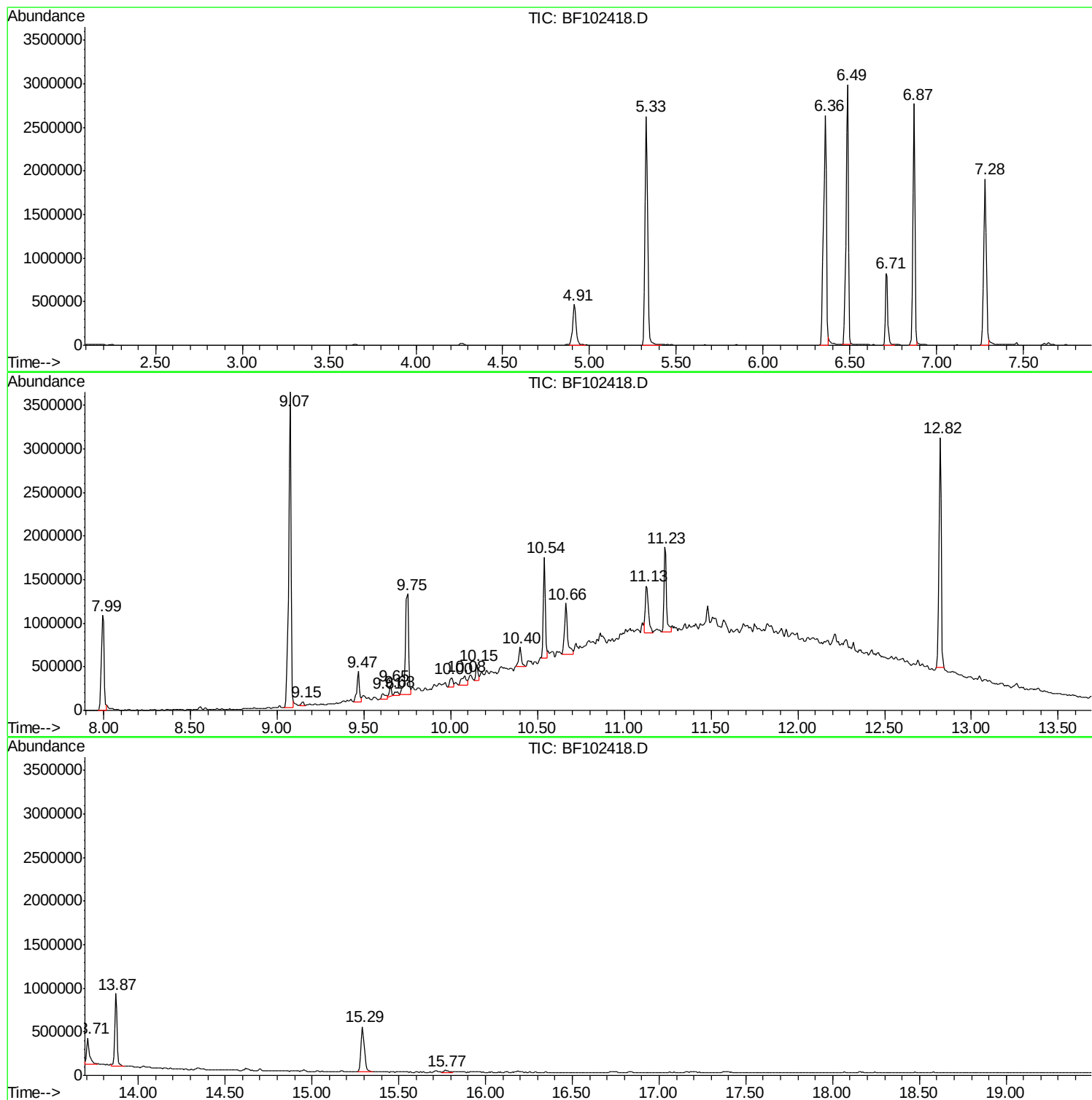
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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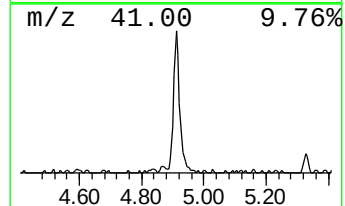
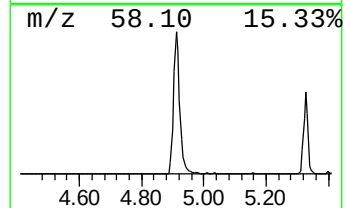
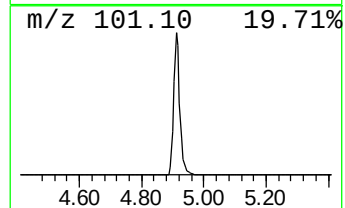
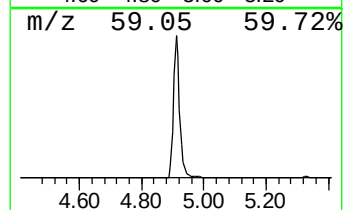
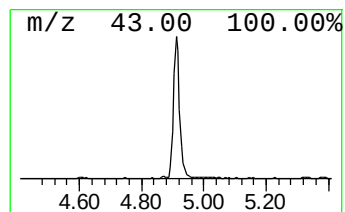
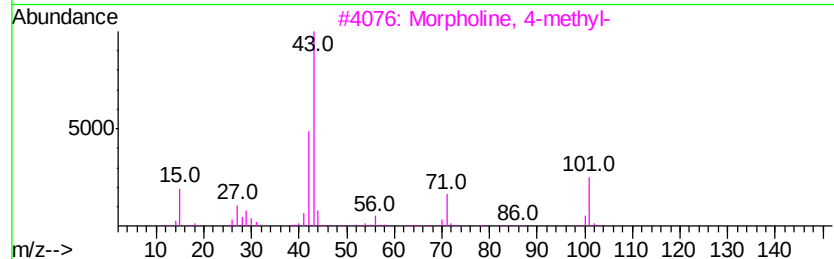
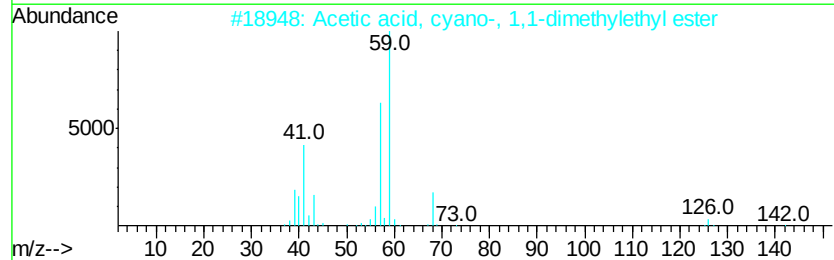
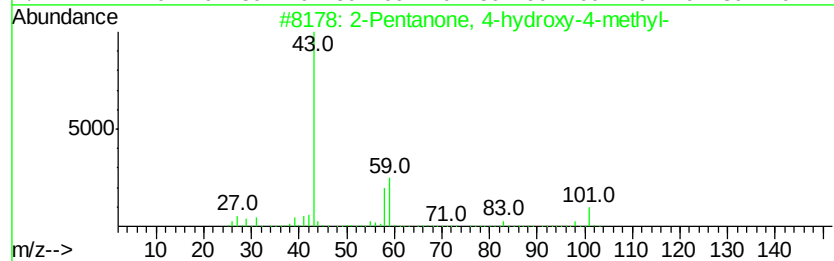
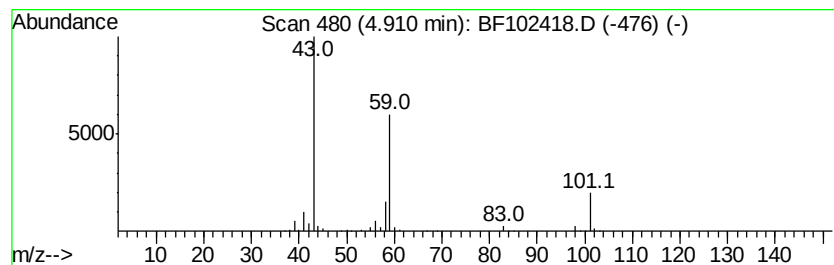
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	16.65 ng	642471	1,4-Dichlorobenzene-d4	6.72

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, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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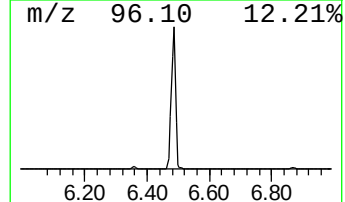
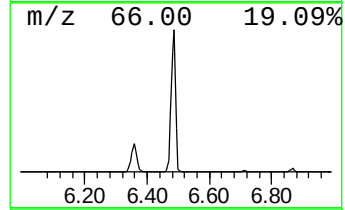
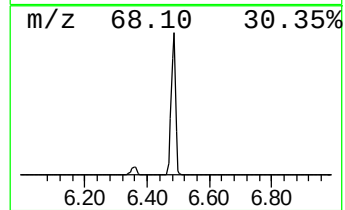
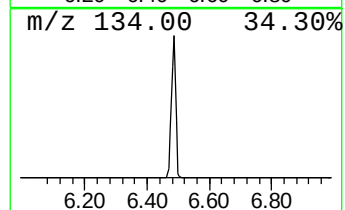
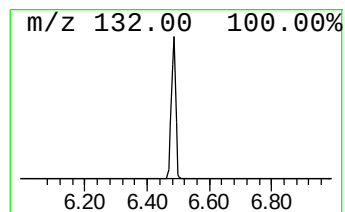
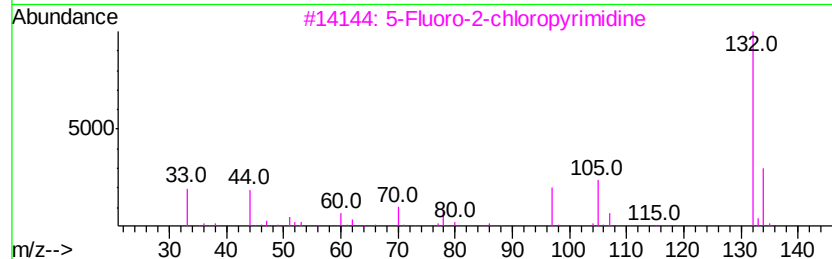
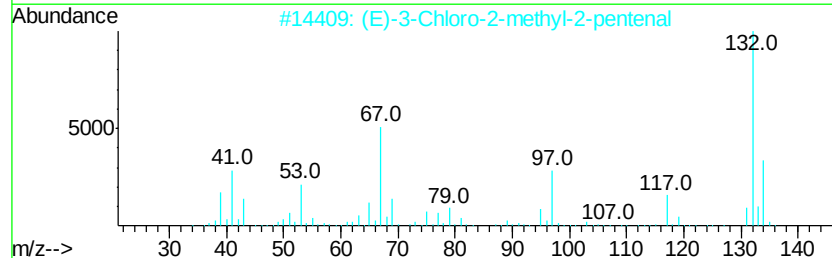
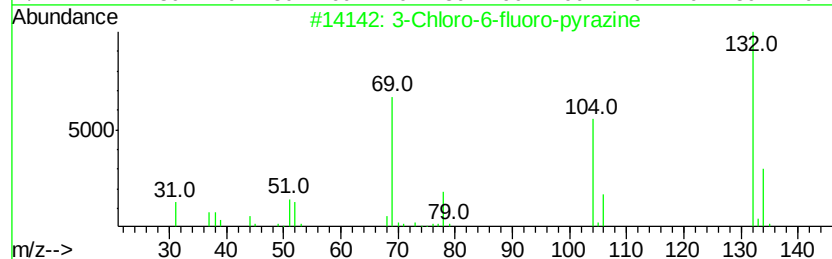
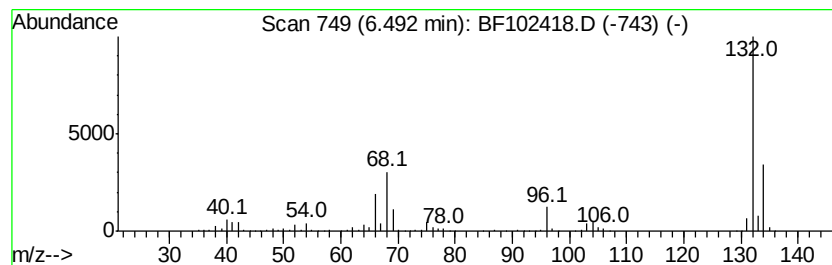
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	72.63 ng	2802850	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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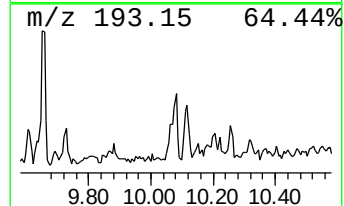
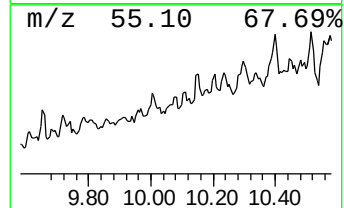
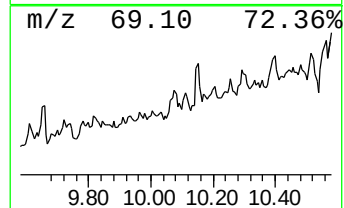
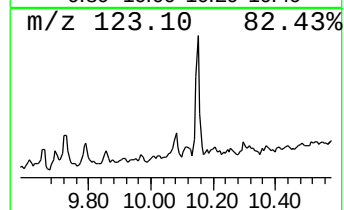
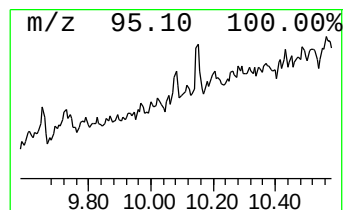
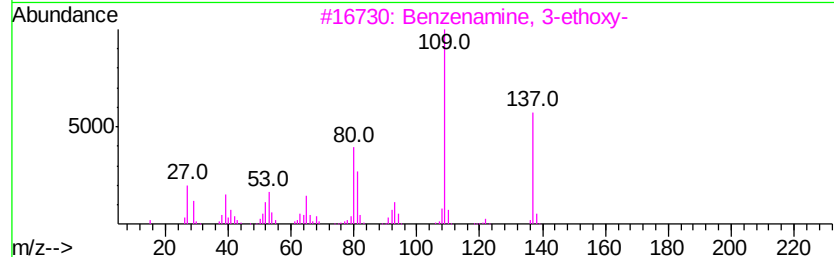
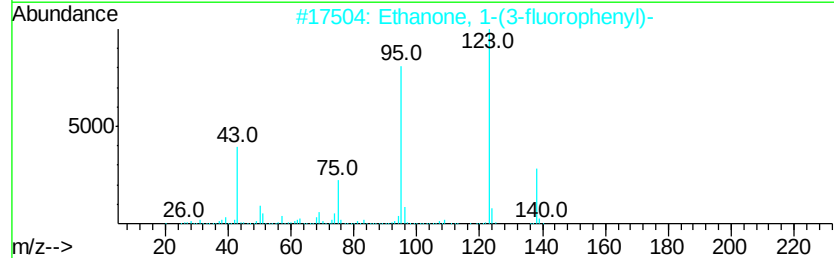
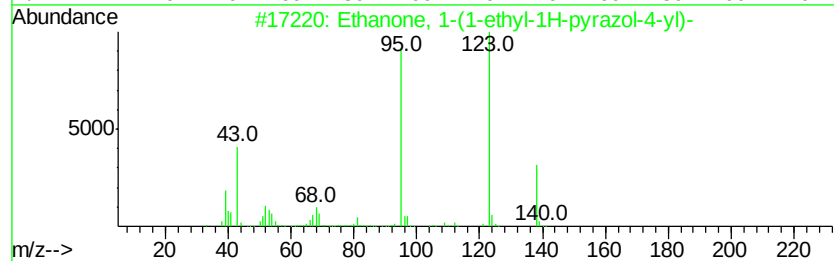
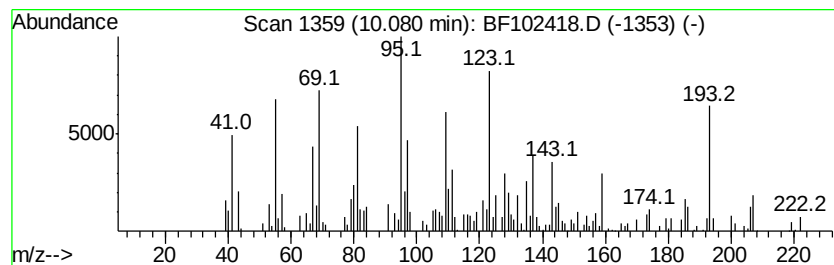
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Peak Number 4 unknown10.08 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	3.39 ng	215031	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(1-ethyl-1H-pyrazol-...	138	C7H10N2O	1000316-95-0	38
2		Ethanone, 1-(3-fluorophenyl)-	138	C8H7FO	000455-36-7	30
3		Benzenamine, 3-ethoxy-	137	C8H11NO	000621-33-0	25
4		Propanamide, N-(4-methoxyphenyl)...	193	C11H15NO2	1000307-32-2	22
5		2-(4-Fluorobenzoylamido)thiazole	222	C10H7FN2OS	313376-92-0	14



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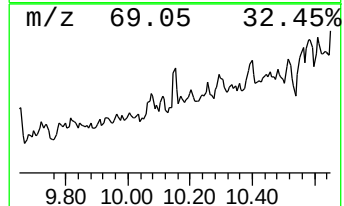
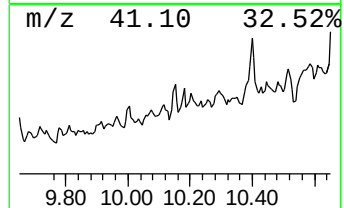
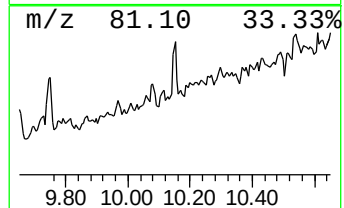
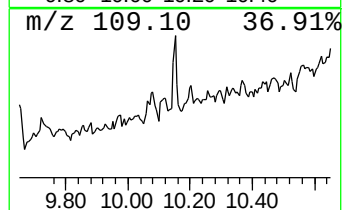
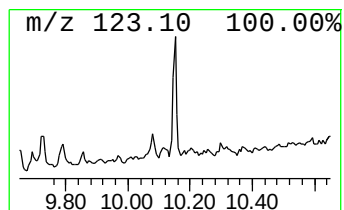
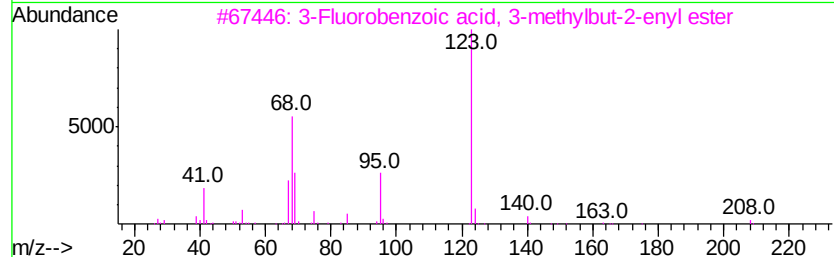
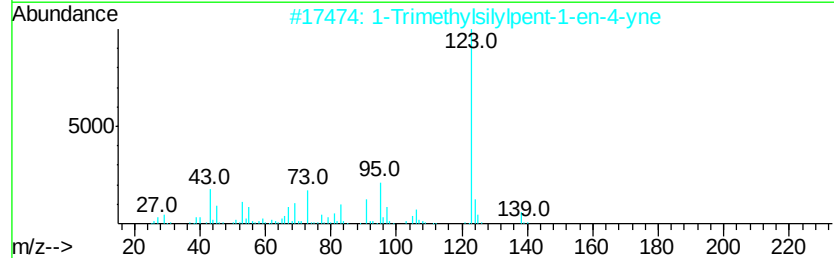
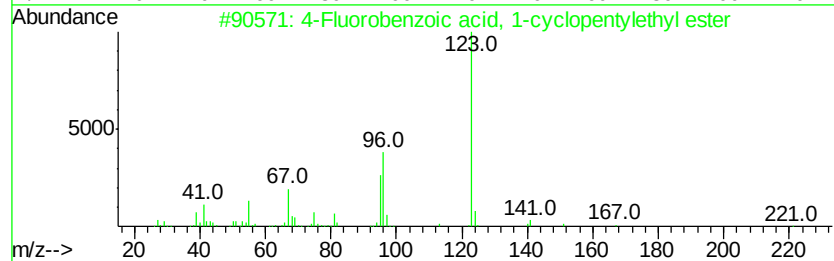
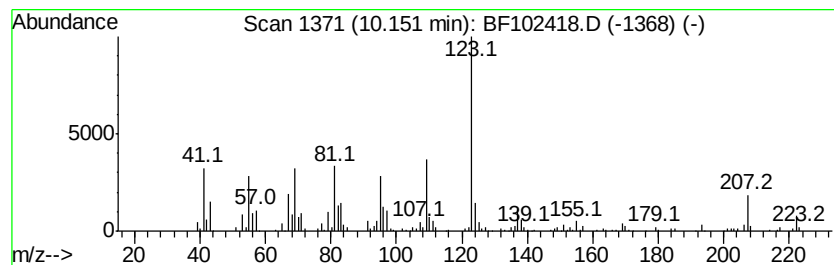
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Peak Number 5 4-Fluorobenzoic acid, 1-cyc... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	2.72 ng	172010	Acenaphthene-d10	9.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		4-Fluorobenzoic acid, 1-cyclopenten...	236 C14H17F02	1000279-05-8 53
2		1-Trimethylsilylpent-1-en-4-yne	138 C8H14Si	079516-25-9 52
3		3-Fluorobenzoic acid, 3-methylbu...	208 C12H13F02	154559-38-3 52
4		4-Fluorobenzoic acid, 3-methylbu...	208 C12H13F02	1000299-15-1 52
5		3-Fluorobenzoic acid, 3-tetradec...	336 C21H33F02	1000280-60-5 50



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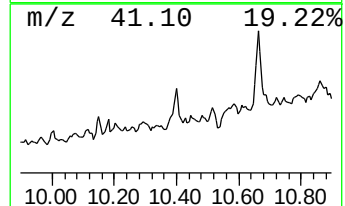
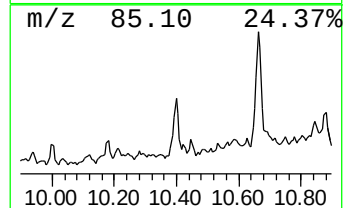
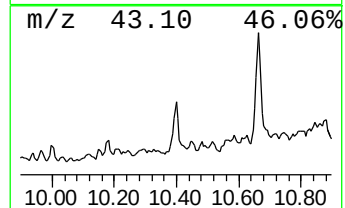
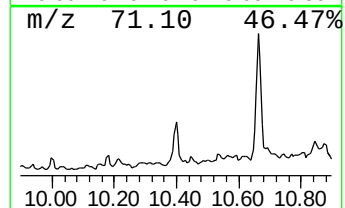
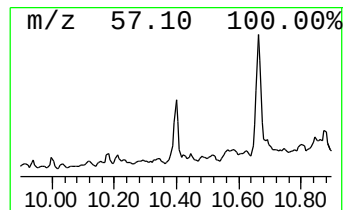
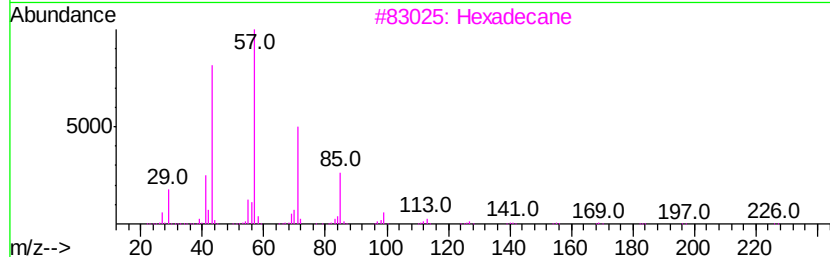
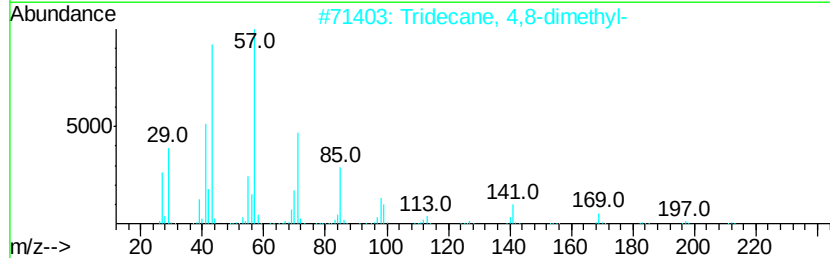
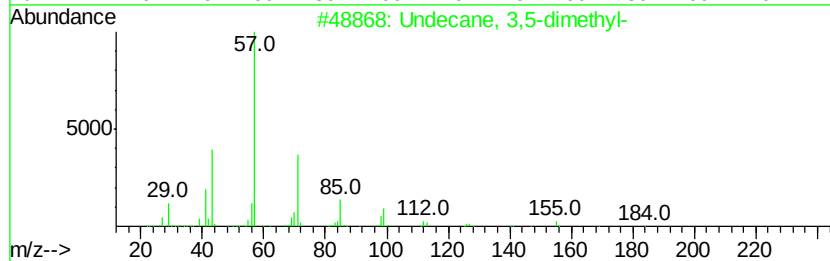
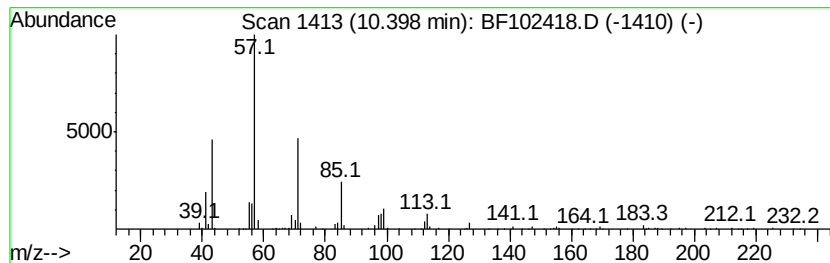
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Undecane, 3,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.40	3.55 ng	225139	Acenaphthene-d10	9.75	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	81
2	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	80
3	Hexadecane	226	C16H34	000544-76-3	78
4	Heptacosane	380	C27H56	000593-49-7	78
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	68



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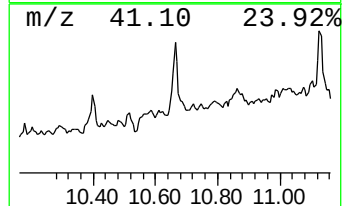
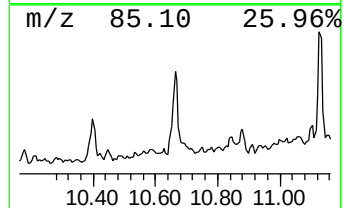
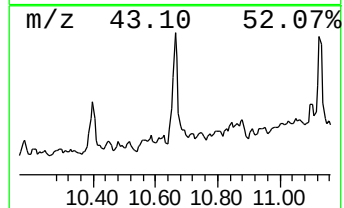
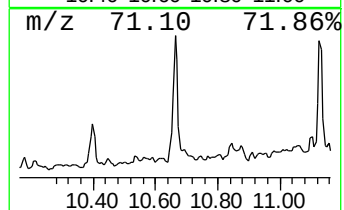
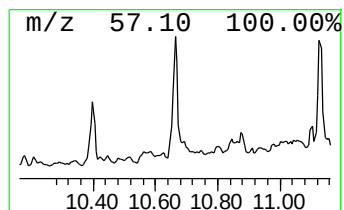
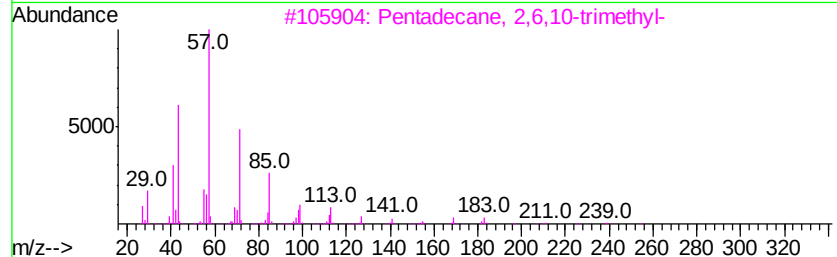
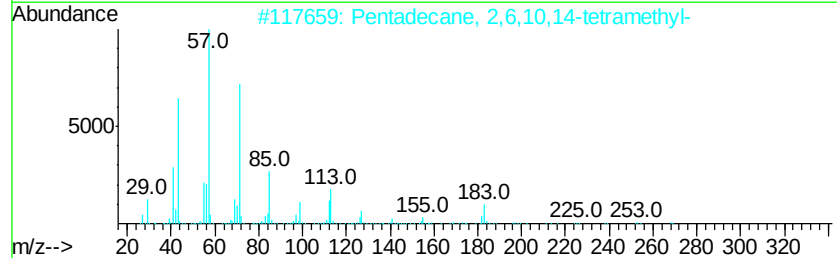
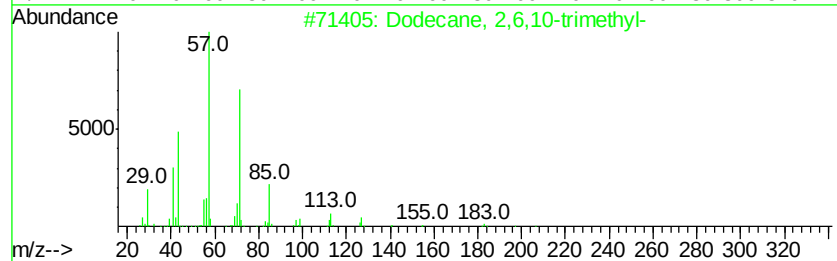
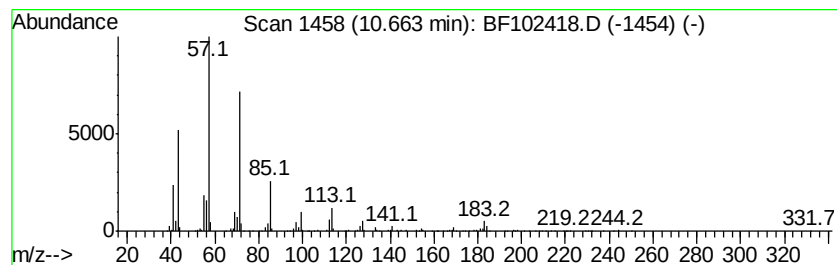
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ClientSampleId :
CONCRETE-PIERS

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

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

Peak Number 7 Dodecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.66	14.84 ng	749830	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	81
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80



Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102418.D
Acq On : 25 Jan 2018 11:37
Operator : SJ/JU
Sample : J1258-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PIERS

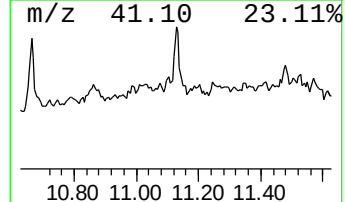
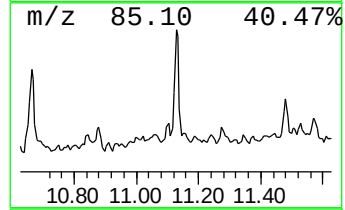
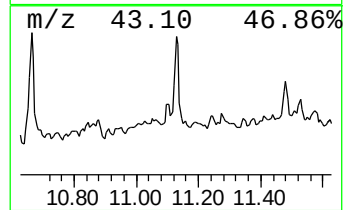
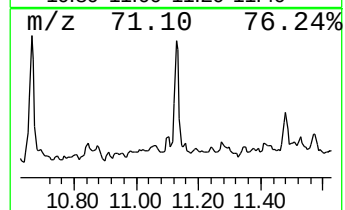
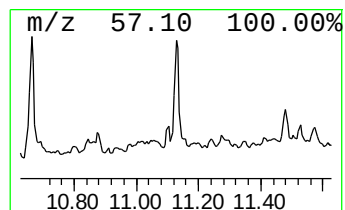
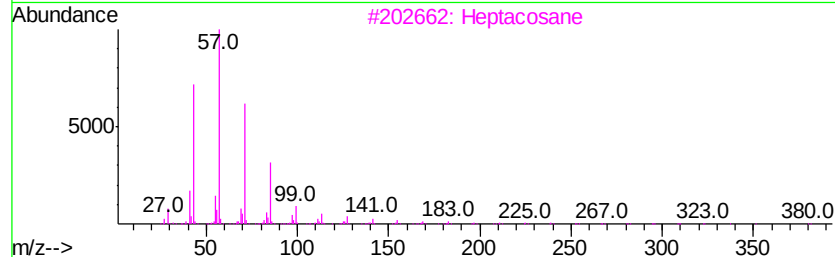
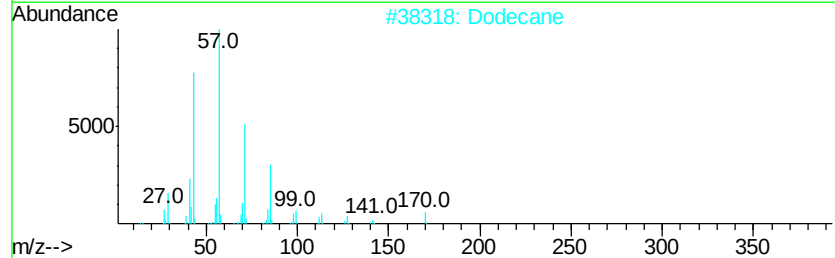
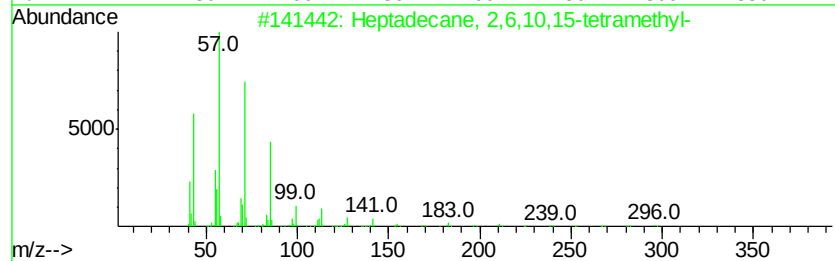
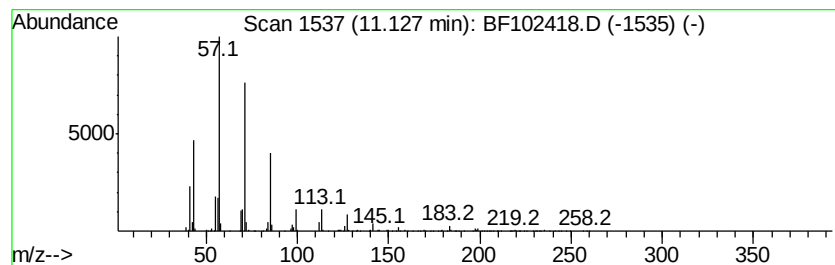
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	11.67 ng	589784	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Dodecane	170	C12H26	000112-40-3	87
3		Heptacosane	380	C27H56	000593-49-7	83
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80



Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102418.D
Acq On : 25 Jan 2018 11:37
Operator : SJ/JU
Sample : J1258-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

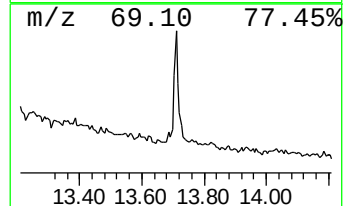
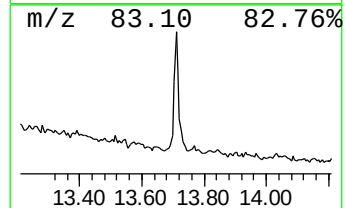
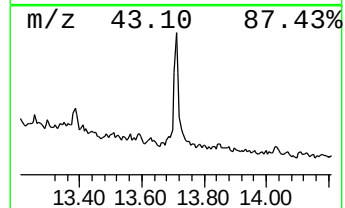
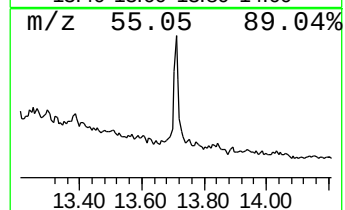
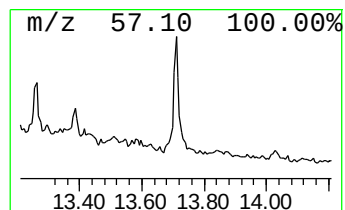
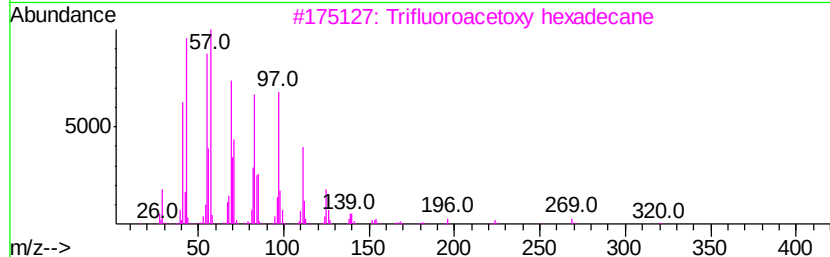
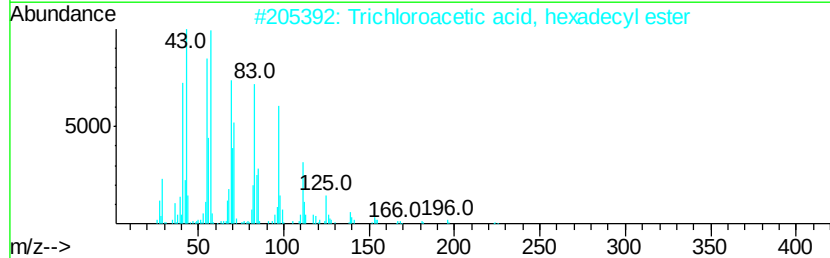
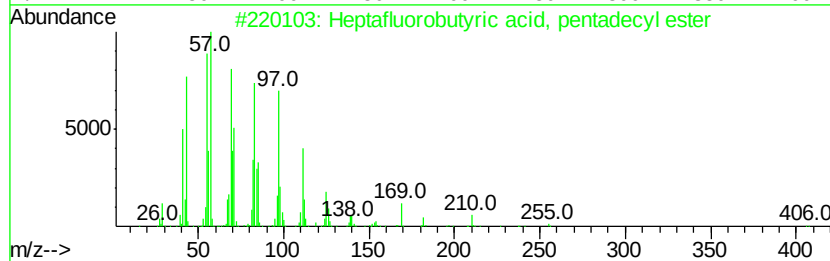
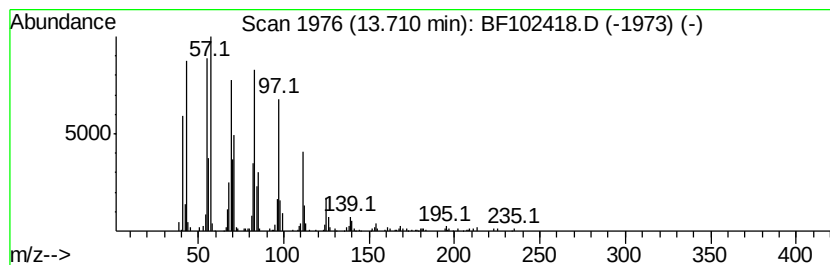
Instrument :
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ClientSampleId :
CONCRETE-PIERS

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

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

Peak Number 9 Heptafluorobutyric acid, pe... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.71	8.18 ng	330033	Chrysene-d12	13.87		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3		Trifluoroacetoxv hexadecane	338	C18H33F3O2	006222-03-3	94
4		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94



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 Acq On : 25 Jan 2018 11:37
 Operator : SJ/JU
 Sample : J1258-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PIERS

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.91	16.6	ng	642471	1	6.72	771865	20.0
unknown6.49	6.49	72.6	ng	2802850	1	6.72	771865	20.0
unknown10.08	10.08	3.4	ng	215031	3	9.75	1266980	20.0
4-Fluorobenzoic a...	10.15	2.7	ng	172010	3	9.75	1266980	20.0
Undecane, 3,5-dim...	10.40	3.5	ng	225139	3	9.75	1266980	20.0
Dodecane, 2,6,10-...	10.66	14.8	ng	749830	4	11.23	1010760	20.0
Heptadecane, 2,6,...	11.13	11.7	ng	589784	4	11.23	1010760	20.0
Heptafluorobutyri...	13.71	8.2	ng	330033	5	13.87	807287	20.0