

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121317\
 Data File : BM013398.D
 Acq On : 14 Dec 2017 05:41
 Operator : SJ/JU
 Sample : I6759-04DL 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F9A03DL

Manual Integrations
 APPROVED

Sohil
 12/15/2017 7:34:47 PM

Quant Time: Dec 14 06:48:51 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 14 06:00:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	136896	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	588675	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	373822	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	944792	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1191241	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1090599	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	2199	0.80	ng/uL	0.00
5) Phenol-d5	6.86	99	33484	2.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	20668	3.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	26106	2.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	28662	2.83	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	15796	3.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	13959	2.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	30349	2.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	38468	4.07	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	119362	3.59	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	140504	3.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	9145	1.58	ng/ul	0.00
57) Fluorene-d10	15.32	176	101755	3.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	8490	1.43	ng/ul	0.00
70) Anthracene-d10	17.17	188	175205	3.70	ng/ul	0.00
76) Pyrene-d10	19.47	212	214745	3.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	192254	3.46	ng/ul	0.00

Target Compounds

					Ovalue	
40) 1,1'-Biophenyl	13.15	154	181743	5.753	ng/ul	99
49) Acenaphthene	14.39	153	1078693	41.683	ng/ul	98
53) Dibenzofuran	14.72	168	995963	26.070	ng/ul	97
58) Fluorene	15.37	166	951990	30.122	ng/ul	97
69) Phenanthrene	17.12	178	4934950	91.941	ng/ul	100
71) Anthracene	17.20	178	593010	10.809	ng/ul	97
72) Carbazole	17.48	167	178617	3.785	ng/ul	97
74) Fluoranthene	19.14	202	3634950	55.261	ng/ul#	94
77) Pyrene	19.50	202	2520950	34.834	ng/ul#	92
80) Benzo(a)anthracene	21.24	228	563429	7.455	ng/ul	98
82) Chrysene	21.30	228	628476	8.963	ng/ul	99
85) Benzo(b)fluoranthene	22.82	252	246249	3.349	ng/ul#	97
86) Benzo(k)fluoranthene	22.86	252	86363m	1.248	ng/ul	
88) Benzo(a)pyrene	23.39	252	137896	2.088	ng/ul#	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

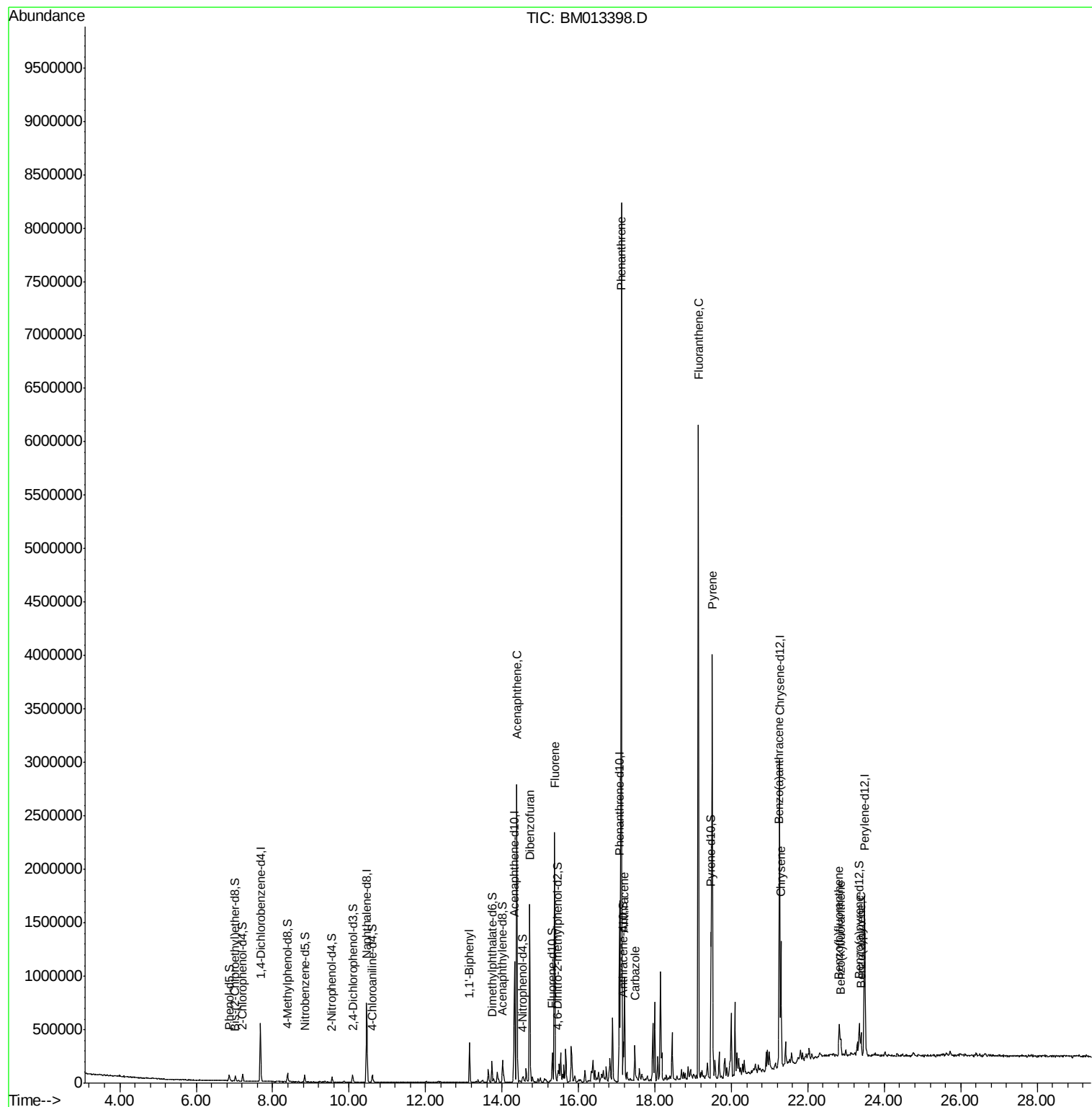
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013398.D
Acq On : 14 Dec 2017 05:41
Operator : SJ/JU
Sample : I6759-04DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

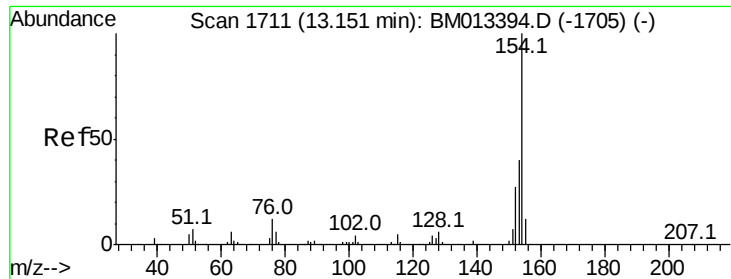
Instrument :
BNA_M
ClientSampleId :
F9A03DL

Manual Integrations
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12/15/2017 7:34:47 PM

Quant Time: Dec 14 06:48:51 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 14 06:00:20 2017
Response via : Initial Calibration





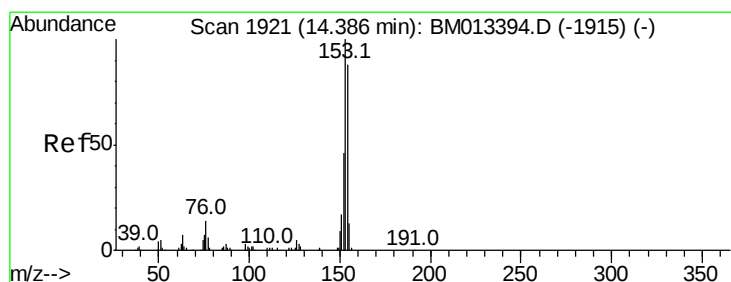
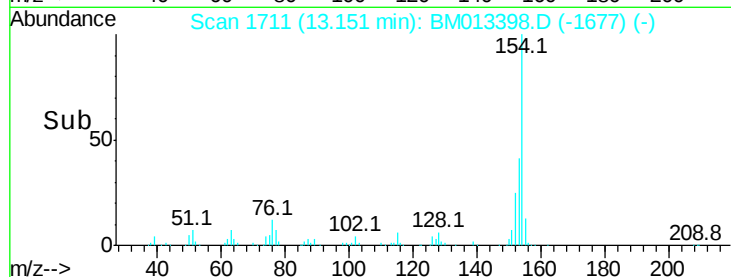
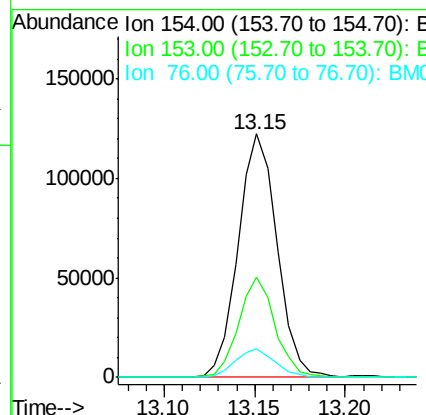
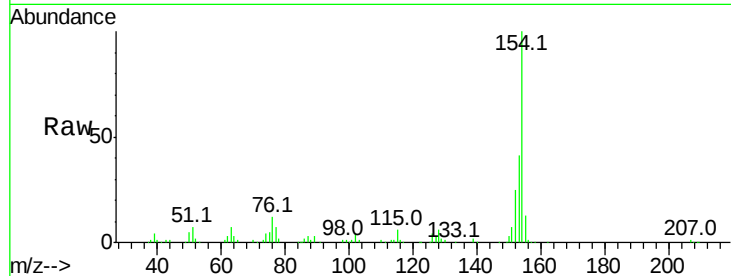
#40
1,1'-Biphenyl
Concen: 5.753 ng/ul
RT: 13.15 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BM013398.D
Acq: 14 Dec 2017 05:41

Instrument :
BNA_M
ClientSampleId :
F9A03DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	32.6	48.8
76	11.8	8.5	12.7

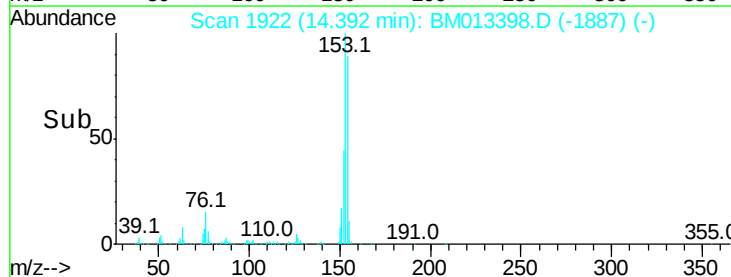
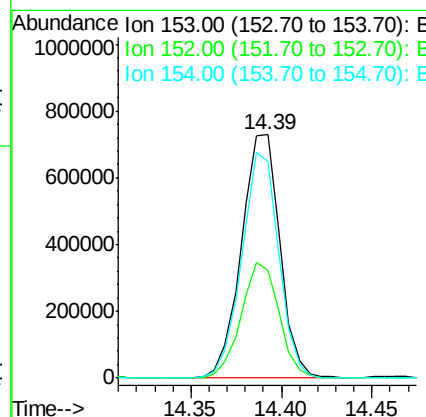
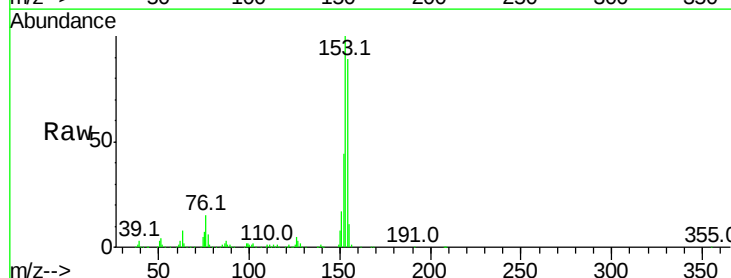
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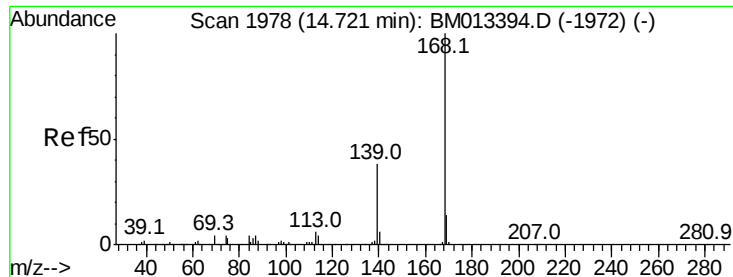
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#49
Acenaphthene
Concen: 41.683 ng/ul
RT: 14.39 min Scan# 1922
Delta R.T. 0.01 min
Lab File: BM013398.D
Acq: 14 Dec 2017 05:41

Tgt Ion	Ratio	Lower	Upper
153	100		
152	44.3	37.6	56.4
154	88.8	70.4	105.6





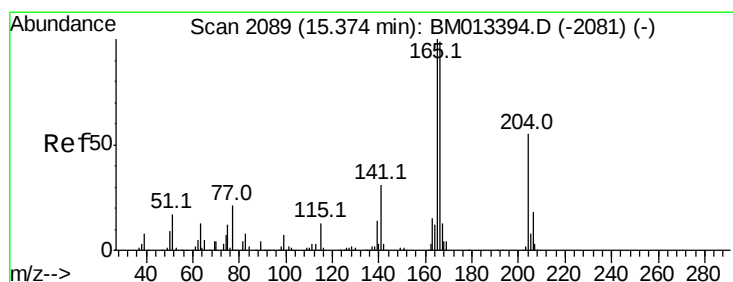
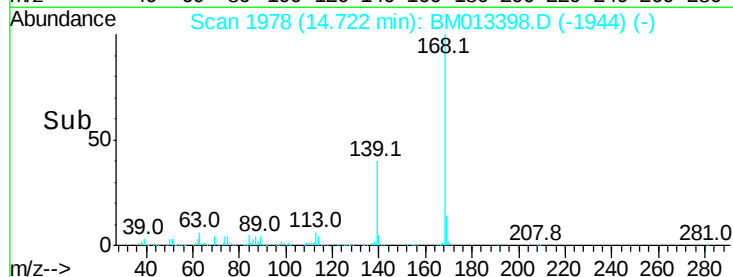
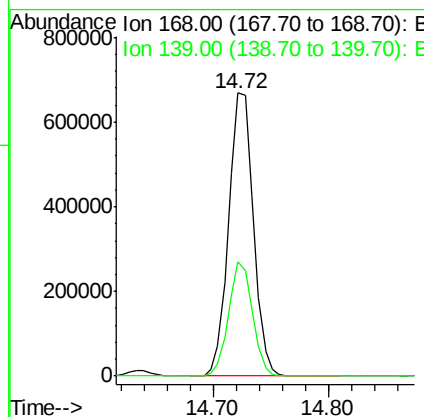
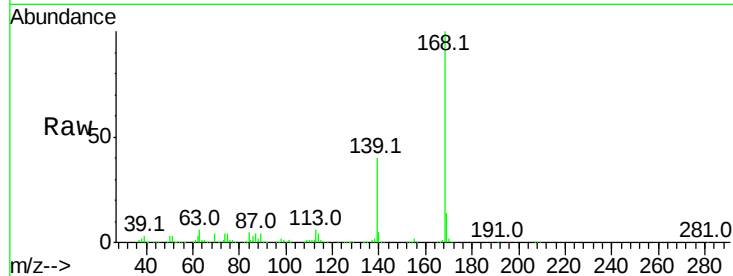
#53
Dibenzenofuran
Concen: 26.070 ng/ul
RT: 14.72 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BM013398.D
Acq: 14 Dec 2017 05:41

Instrument :
BNA_M
ClientSampleId :
F9A03DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	30.8	46.2

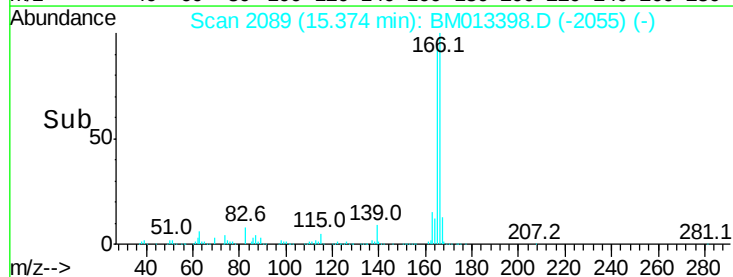
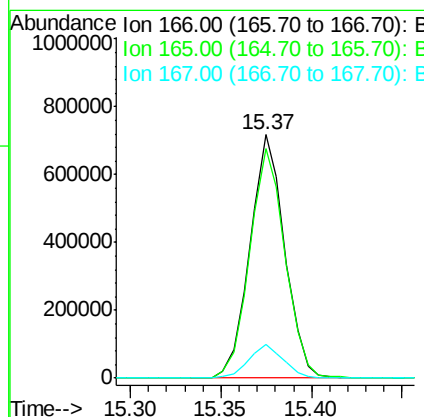
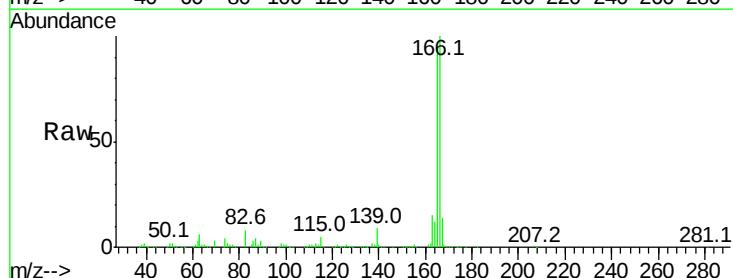
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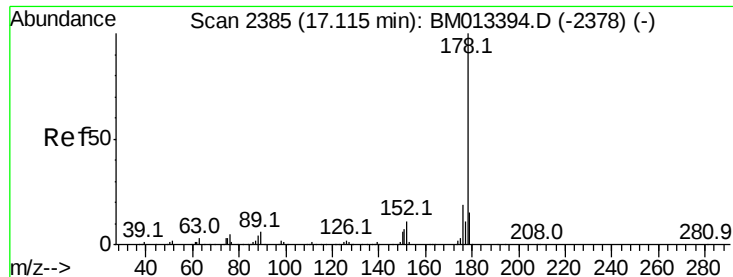
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#58
Fluorene
Concen: 30.122 ng/ul
RT: 15.37 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BM013398.D
Acq: 14 Dec 2017 05:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.4	77.9	116.9
167	13.7	10.6	16.0





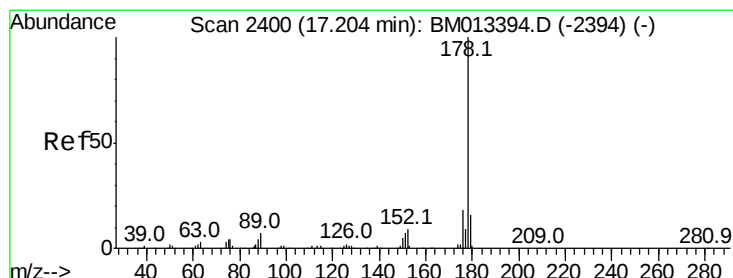
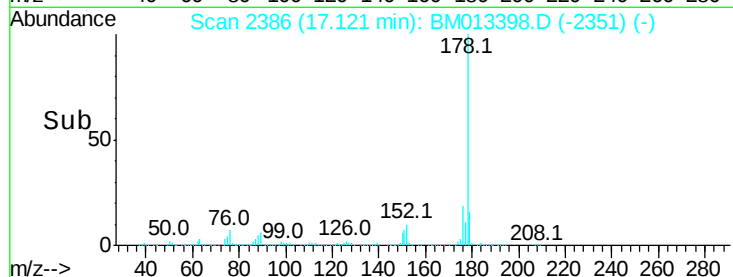
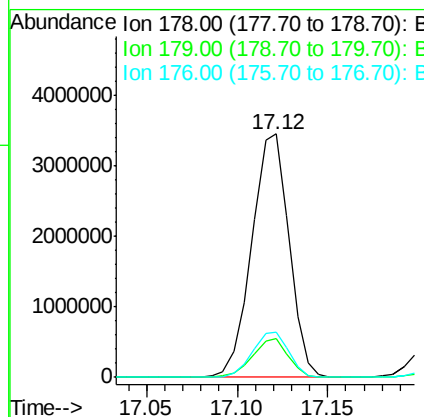
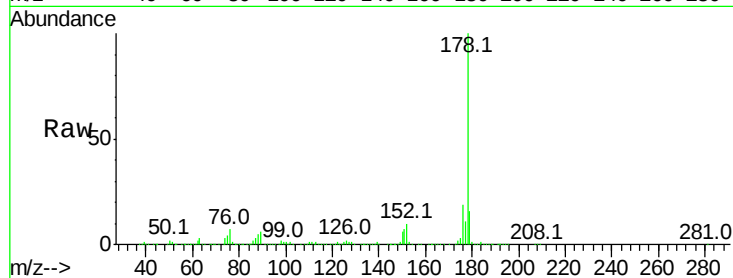
#69
Phenanthrene
Concen: 91.941 ng/ul
RT: 17.12 min Scan# 2386
Delta R.T. 0.01 min
Lab File: BM013398.D
Acq: 14 Dec 2017 05:41

Instrument :
BNA_M
ClientSampleId :
F9A03DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	18.8	14.9	22.3

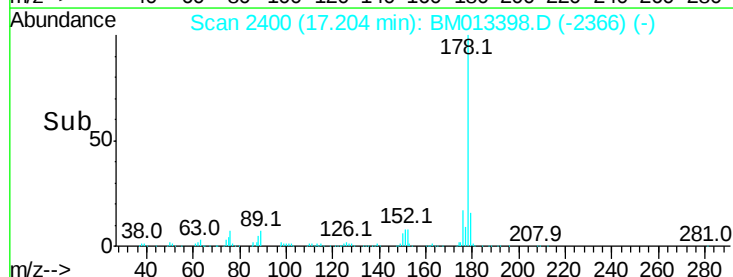
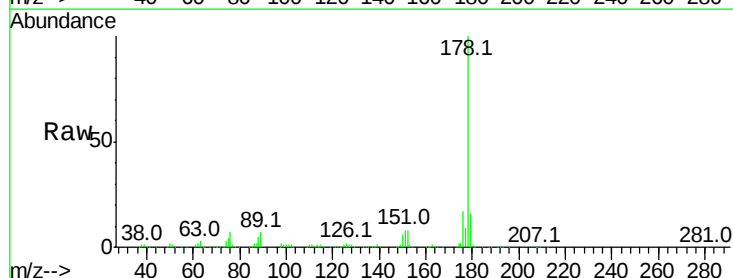
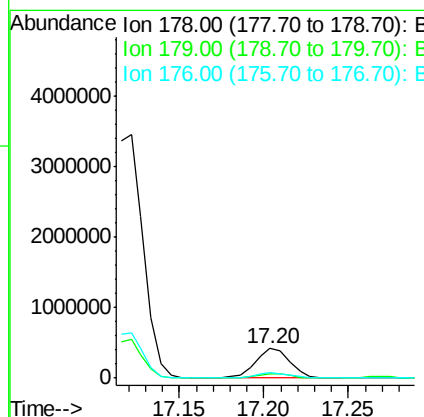
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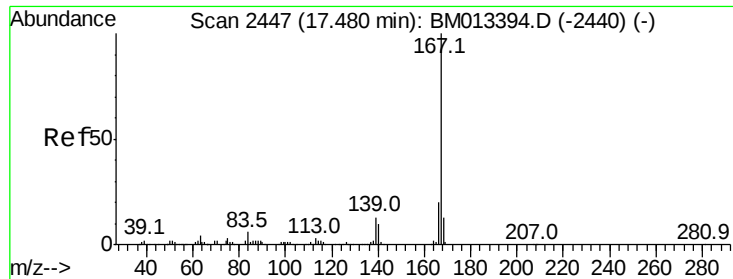
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#71
Anthracene
Concen: 10.809 ng/ul
RT: 17.20 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM013398.D
Acq: 14 Dec 2017 05:41

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.7	17.5
176	17.0	14.6	21.8





#72

Carbazole

Concen: 3.785 ng/ul

RT: 17.48 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BM013398.D

Acq: 14 Dec 2017 05:41

Instrument :

BNA_M

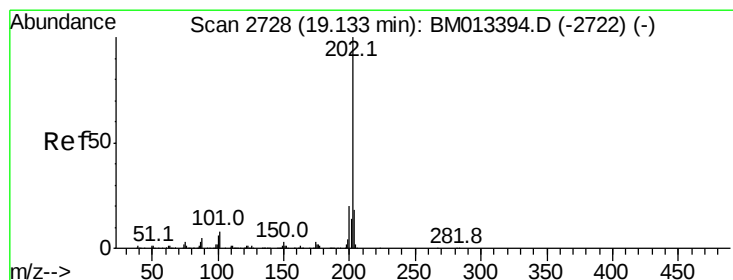
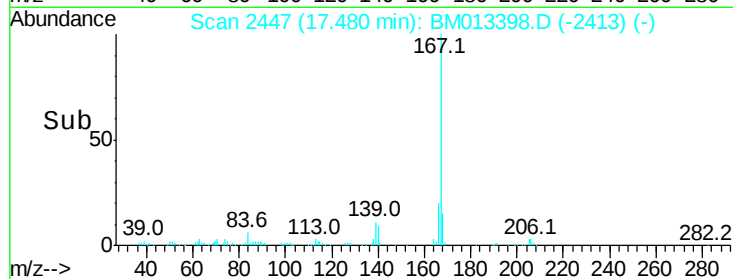
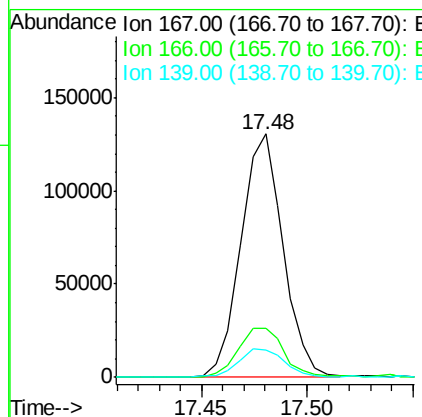
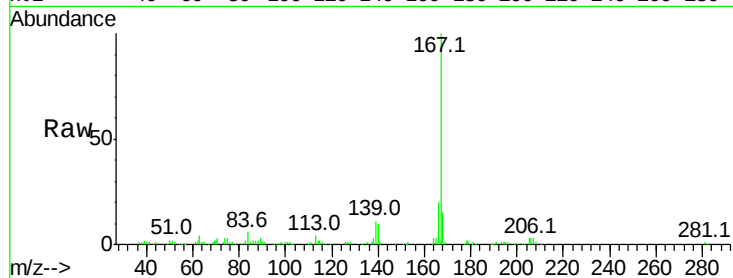
ClientSampleId :

F9A03DL

Tot Ion:	167	Resp:	178617
Ion Ratio	Lower	Upper	
167	100		
166	20.2	17.1	25.7
139	11.0	10.0	15.0

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#74

Fluoranthene

Concen: 55.261 ng/ul

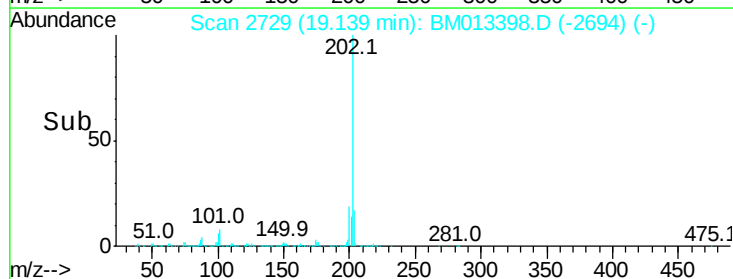
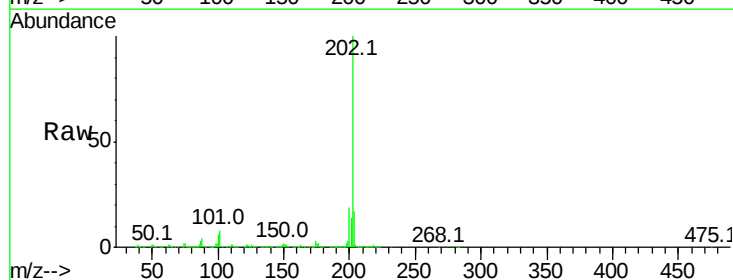
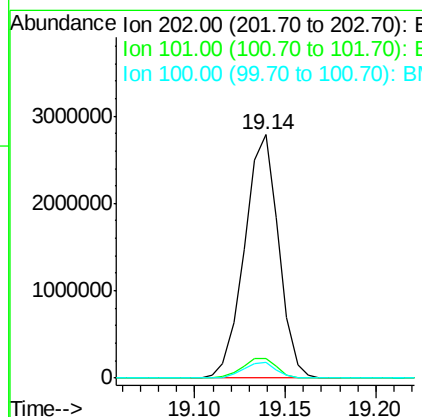
RT: 19.14 min Scan# 2729

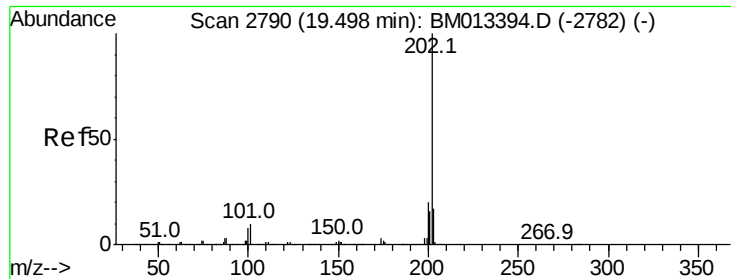
Delta R.T. 0.01 min

Lab File: BM013398.D

Acq: 14 Dec 2017 05:41

Tgt Ion:	202	Resp:	3634950
Ion Ratio	Lower	Upper	
202	100		
101	8.0	4.6	7.0#
100	6.4	3.4	5.2#





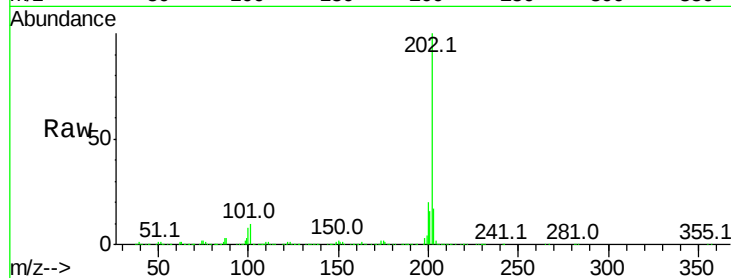
#77
Pvrene
Concen: 34.834 ng/ul
RT: 19.50 min Scan# 2790
Delta R.T. 0.00 min
Lab File: BM013398.D
Acq: 14 Dec 2017 05:41

Instrument :
BNA_M
ClientSampleId :
F9A03DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.0	5.1	7.7#
100	7.9	4.9	7.3#

Manual Integrations
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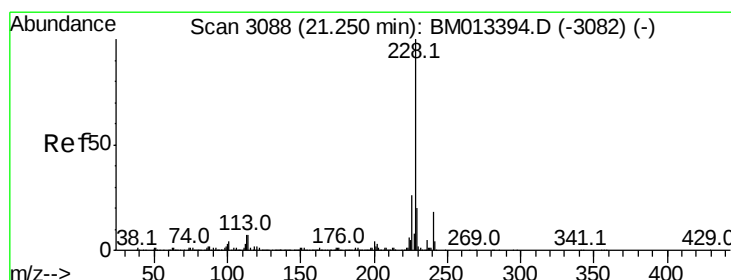
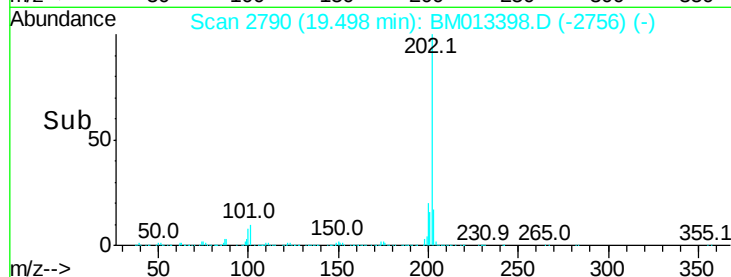
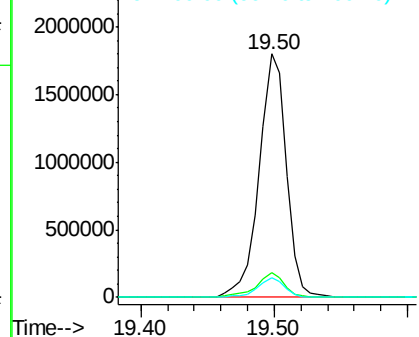


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80
Benzo(a)anthracene
Concen: 7.455 ng/ul
RT: 21.24 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM013398.D
Acq: 14 Dec 2017 05:41

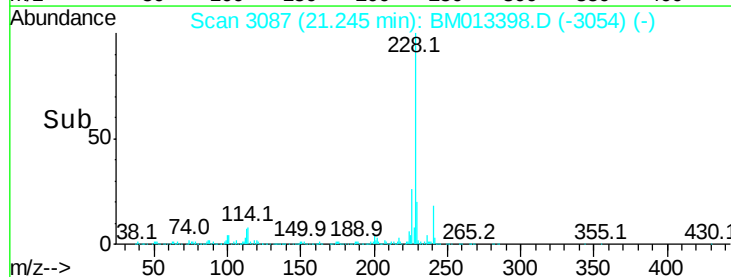
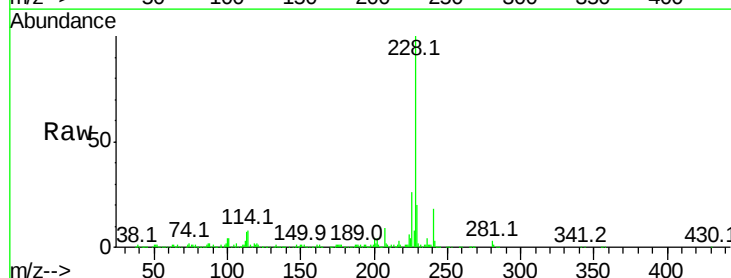
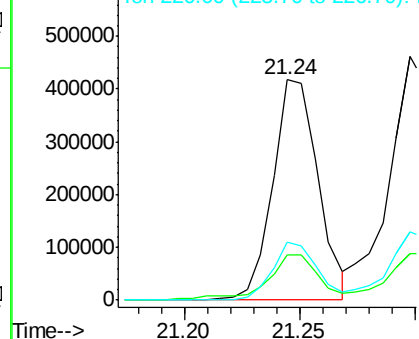
Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.0
226	26.2	21.4	32.0

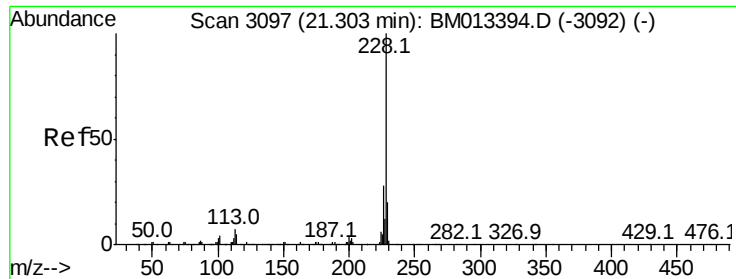
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 8.963 ng/ul

RT: 21.30 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BM013398.D

Acq: 14 Dec 2017 05:41

Instrument :

BNA_M

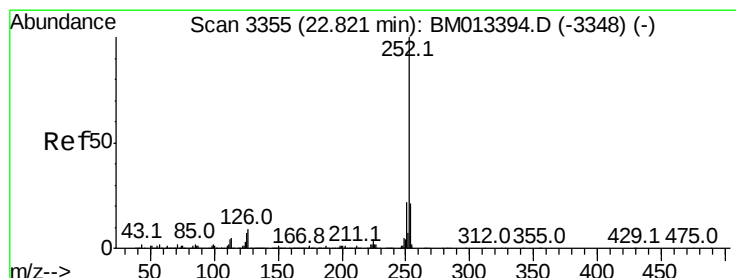
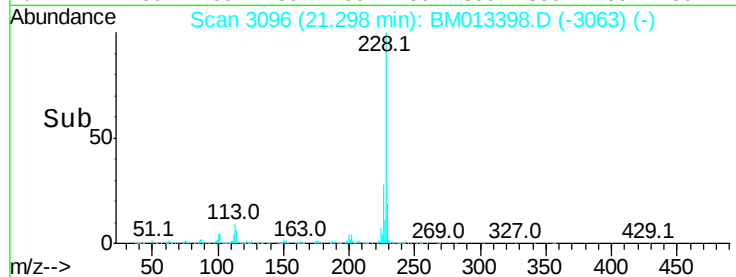
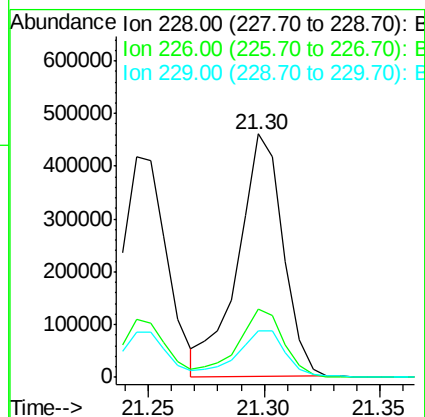
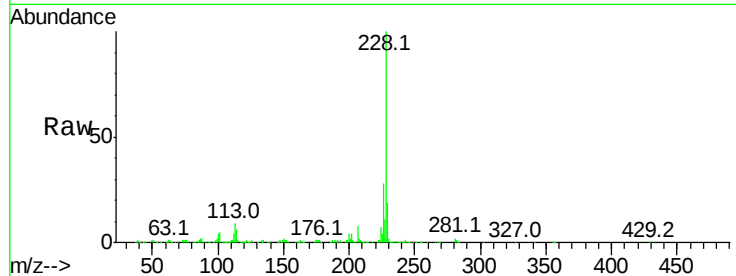
ClientSampleId :

F9A03DL

Tot Ion:	228	Resp:	628476
Ion Ratio	Lower	Upper	
228	100		
226	28.3	23.4	35.2
229	19.1	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 3.349 ng/ul

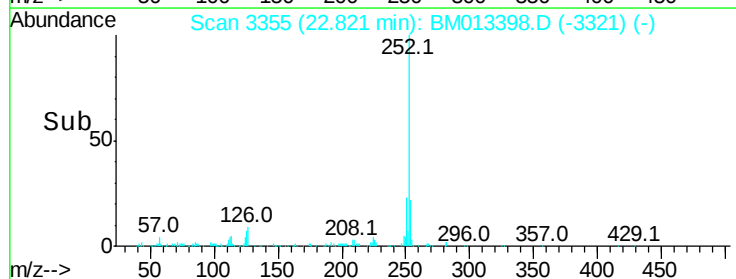
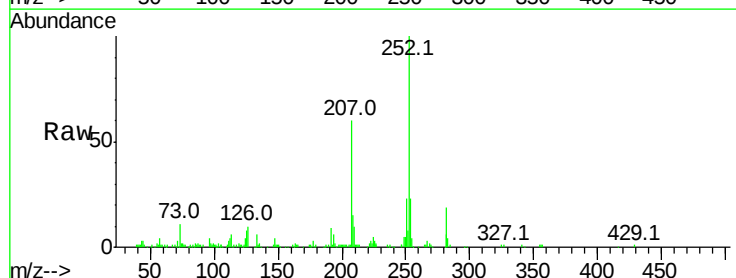
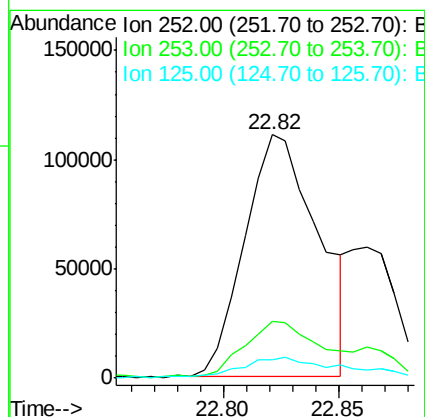
RT: 22.82 min Scan# 3355

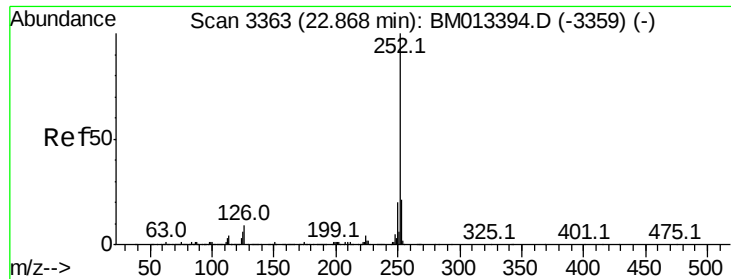
Delta R.T. 0.00 min

Lab File: BM013398.D

Acq: 14 Dec 2017 05:41

Tgt Ion:	252	Resp:	246249
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.9	26.9
125	7.5	3.6	5.4#





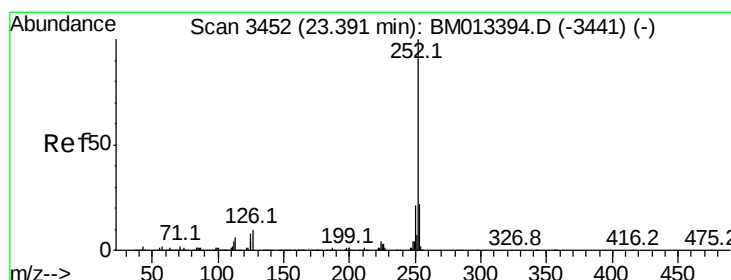
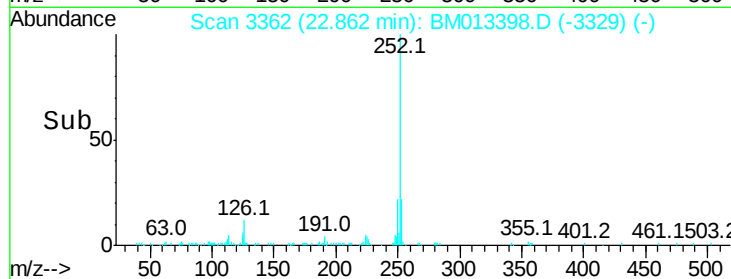
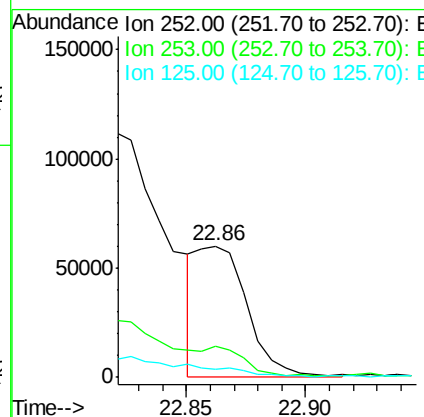
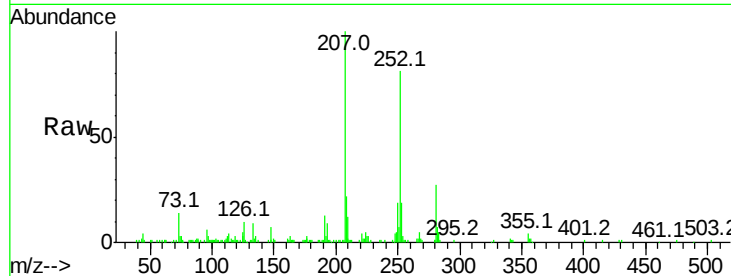
#86
Benzo(k)fluoranthene
Concen: 1.248 ng/ul m
RT: 22.86 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BM013398.D
Acq: 14 Dec 2017 05:41

Instrument :
BNA_M
ClientSampled :
F9A03DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	6.1	3.4	5.2

Manual Integrations
APPROVED

Sohil
12/15/2017 7:34:47 PM



#88
Benzo(a)pyrene
Concen: 2.088 ng/ul
RT: 23.39 min Scan# 3452
Delta R.T. 0.00 min
Lab File: BM013398.D
Acq: 14 Dec 2017 05:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	6.7	4.0	6.0

