

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM022618\
 Data File : BM014360.D
 Acq On : 26 Feb 2018 17:23
 Operator : SJ/JU
 Sample : J1646-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5X5

Manual Integrations
 APPROVED

Sohil
 2/27/2018 4:58:12 PM

Quant Time: Feb 27 03:33:42 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 27 03:22:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	120458	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	533588	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	316371	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	730715	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	607077	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	504574	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	12877m	4.58	ng/uL	0.00
5) Phenol-d5	6.72	99	265075	26.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	172770	28.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	219299	28.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	223419	25.08	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	115190	29.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	132564	32.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	227369	26.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	173496	20.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	822544	31.48	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	1024720	31.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	61273	16.99	ng/ul	0.01
57) Fluorene-d10	15.18	176	702218	30.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	100442	22.91	ng/ul	0.00
70) Anthracene-d10	17.04	188	1089662	30.91	ng/ul	0.00
76) Pyrene-d10	19.34	212	1174884	37.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	772107	31.44	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.75	94	31396	2.939	ng/ul	89
44) Dimethylphthalate	13.65	163	193703	7.519	ng/ul	98
69) Phenanthrene	16.98	178	838340	19.913	ng/ul	99
71) Anthracene	17.07	178	158807	3.751	ng/ul	97
72) Carbazole	17.36	167	77487	2.176	ng/ul#	96
74) Fluoranthene	19.01	202	1707230	33.941	ng/ul#	93
77) Pyrene	19.37	202	1532414	37.983	ng/ul#	92
78) Butylbenzylphthalate	20.29	149	55822	3.346	ng/ul	91
80) Benzo(a)anthracene	21.13	228	694927	18.342	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	145335	6.083	ng/ul#	98
82) Chrysene	21.19	228	654299	18.512	ng/ul	98
85) Benzo(b)fluoranthene	22.67	252	744088	22.024	ng/ul#	96
86) Benzo(k)fluoranthene	22.72	252	242968	7.564	ng/ul#	98
88) Benzo(a)pyrene	23.23	252	502819	16.655	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.47	276	340388	11.619	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.47	278	94844	3.896	ng/ul#	84
91) Benzo(g,h,i)perylene	26.13	276	291071	12.265	ng/ul#	95

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

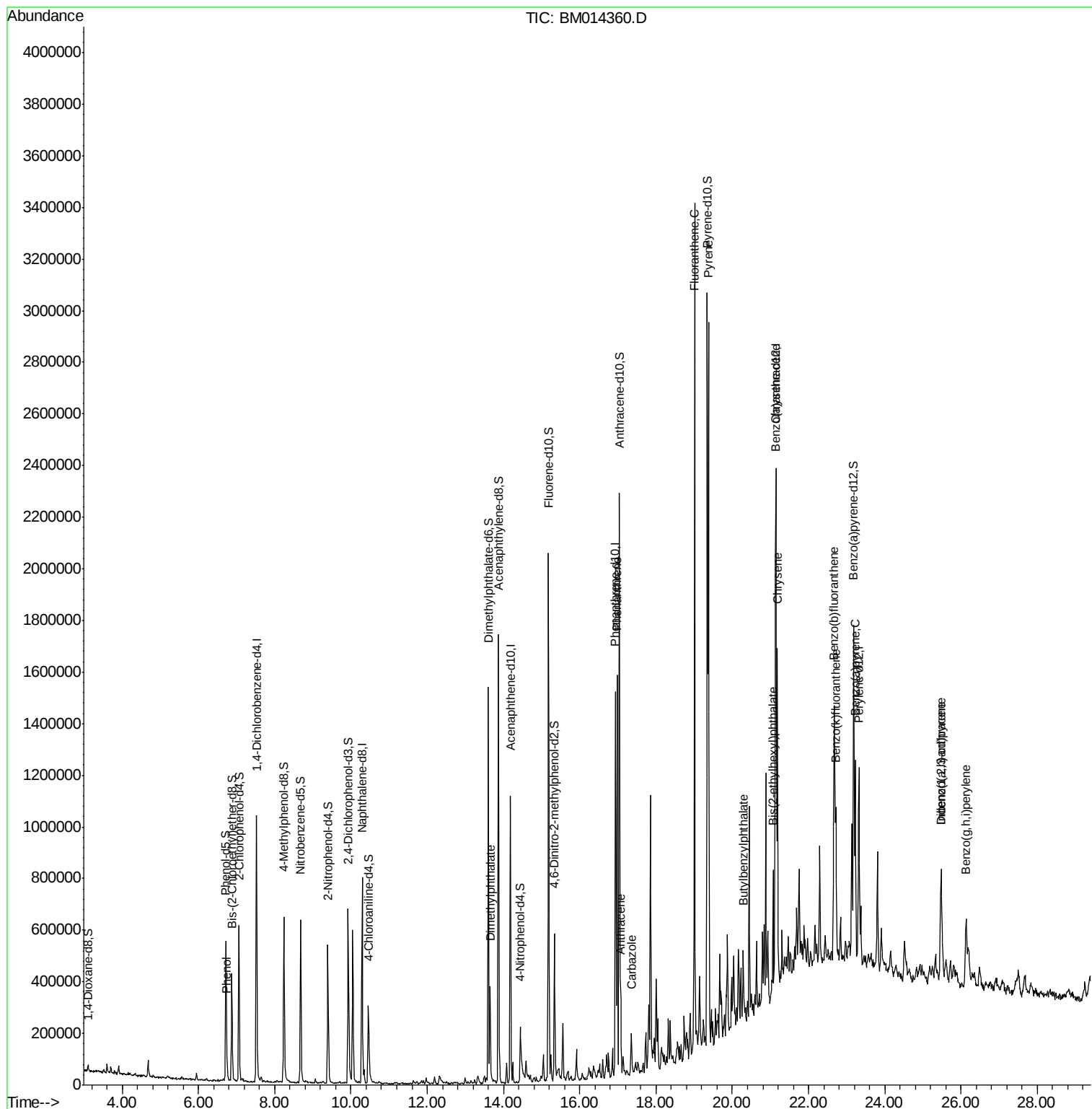
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014360.D
Acq On : 26 Feb 2018 17:23
Operator : SJ/JU
Sample : J1646-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

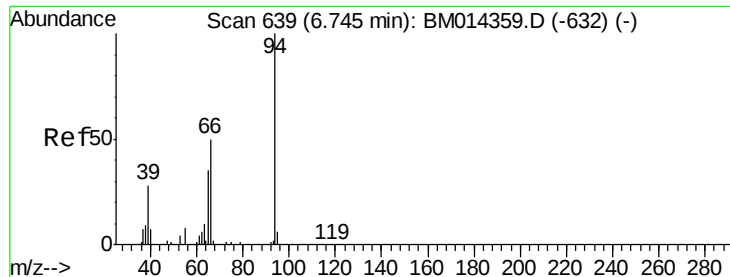
Instrument :
BNA_M
ClientSampleId :
BE5X5

Manual Integrations
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2/27/2018 4:58:12 PM

Quant Time: Feb 27 03:33:42 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration





#6

Phenol

Concen: 2.939 ng/ul

RT: 6.75 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM014360.D

Acq: 26 Feb 2018 17:23

Instrument :

BNA_M

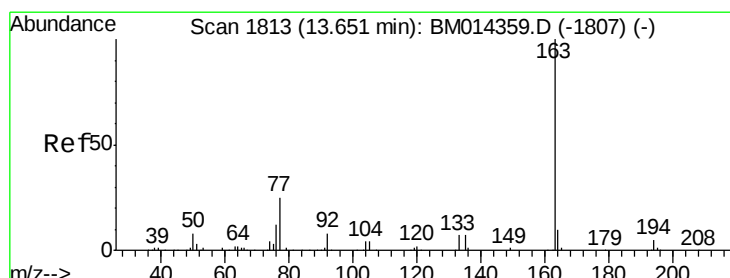
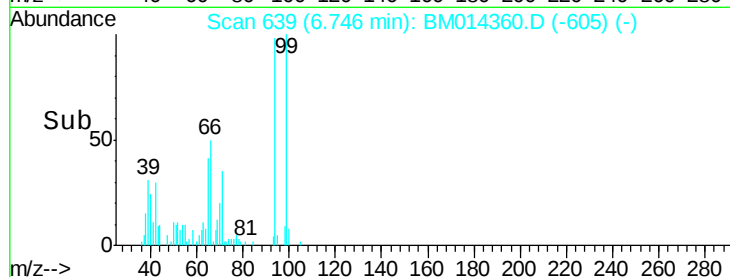
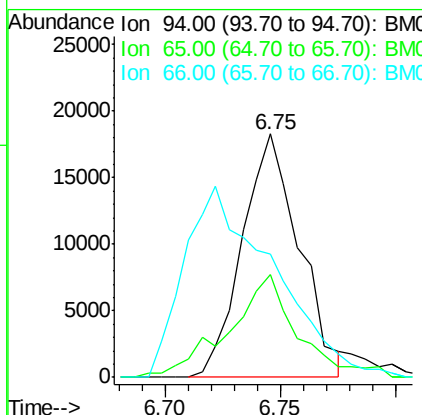
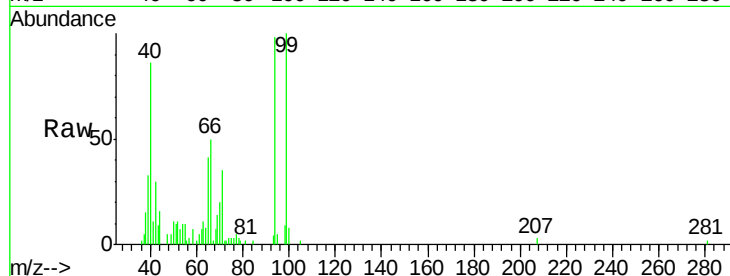
ClientSampled :

BE5X5

Tgt Ion:	94	Resp:	31396
Ion	Ratio	Lower	Upper
94	100		
65	42.2	28.2	42.4
66	50.9	47.2	70.8

Manual Integrations
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#44

Dimethylphthalate

Concen: 7.519 ng/ul

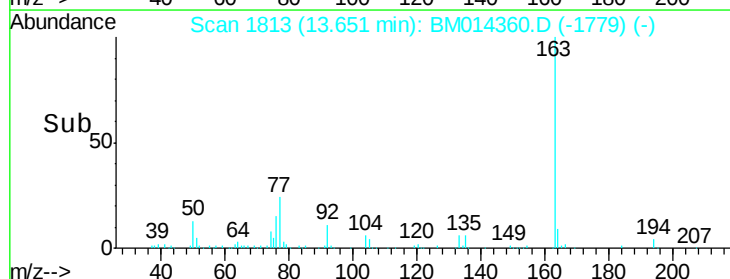
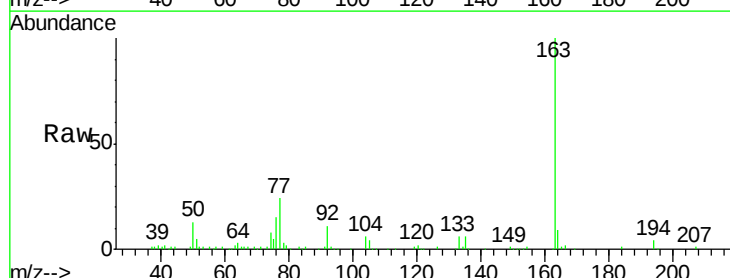
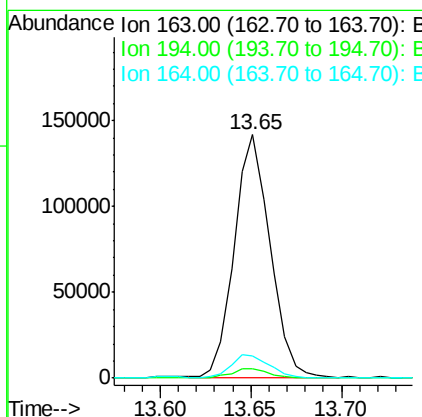
RT: 13.65 min Scan# 1813

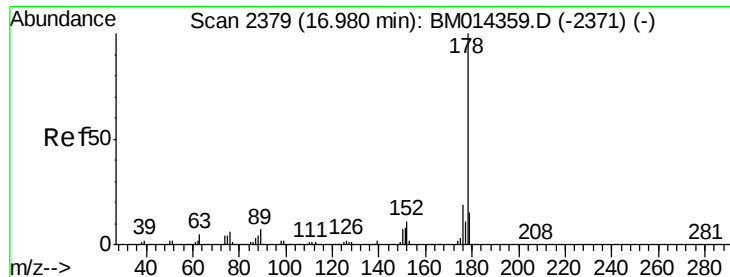
Delta R.T. 0.00 min

Lab File: BM014360.D

Acq: 26 Feb 2018 17:23

Tgt Ion:	163	Resp:	193703
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	9.3	8.2	12.4





#69

Phenanthrene

Concen: 19.913 ng/ul

RT: 16.98 min Scan# 2379

Delta R.T. 0.00 min

Lab File: BM014360.D

Acq: 26 Feb 2018 17:23

Instrument :

BNA_M

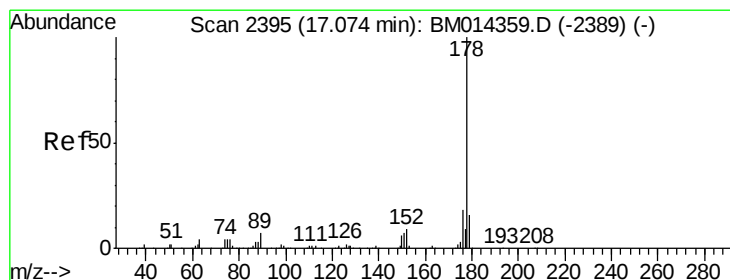
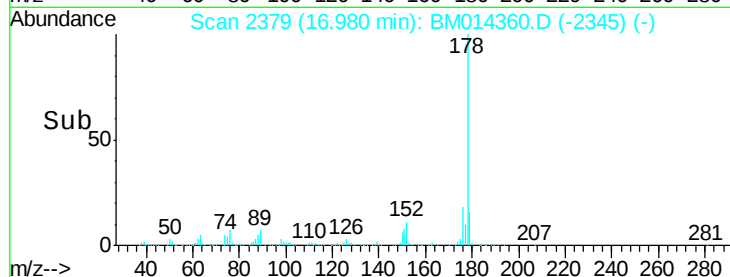
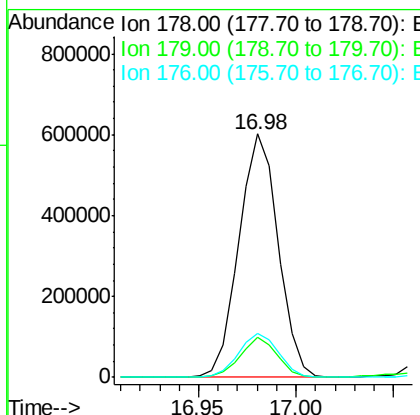
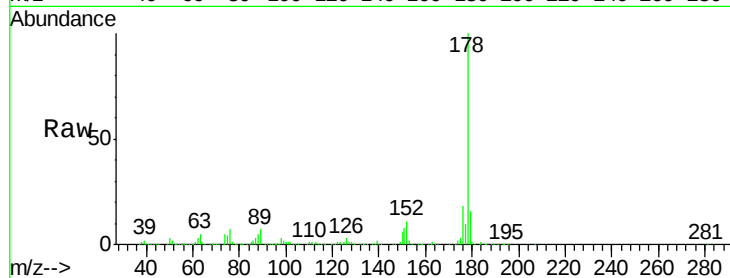
ClientSampleId :

BE5X5

Tgt Ion:	178	Resp:	838340
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.6	19.0
176	18.1	14.9	22.3

Manual Integrations
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#71

Anthracene

Concen: 3.751 ng/ul

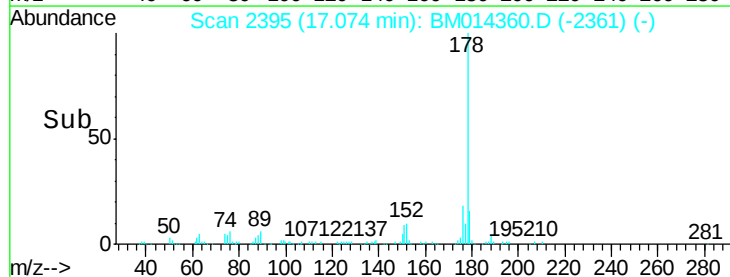
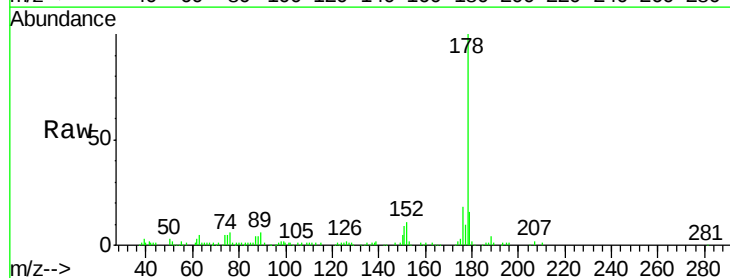
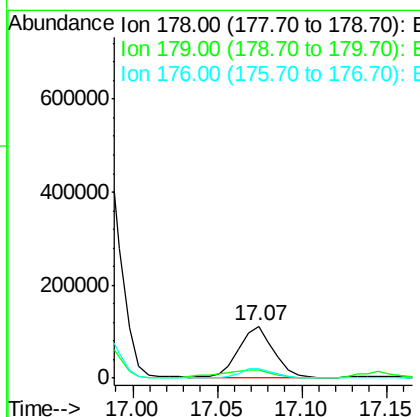
RT: 17.07 min Scan# 2395

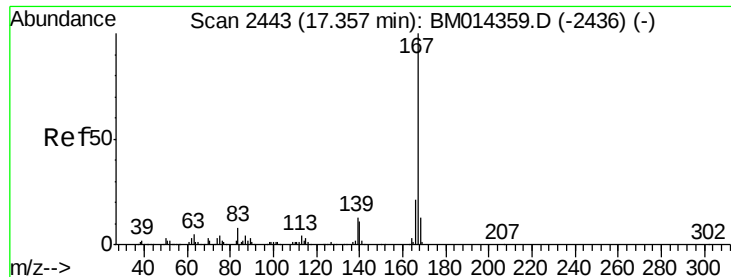
Delta R.T. 0.00 min

Lab File: BM014360.D

Acq: 26 Feb 2018 17:23

Tgt Ion:	178	Resp:	158807
Ion Ratio	Lower	Upper	
178	100		
179	16.1	11.7	17.5
176	17.5	14.6	21.8





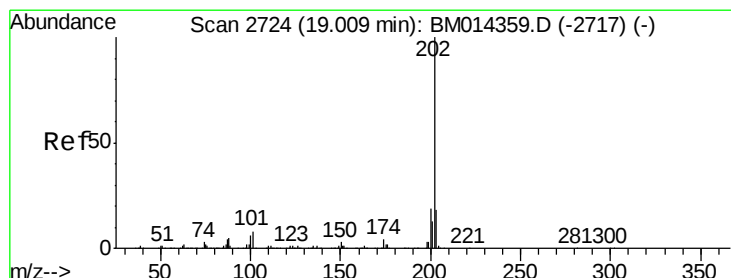
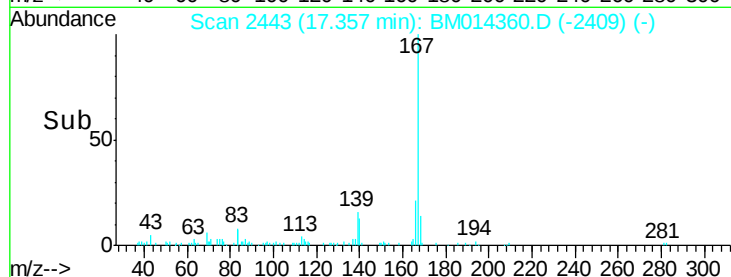
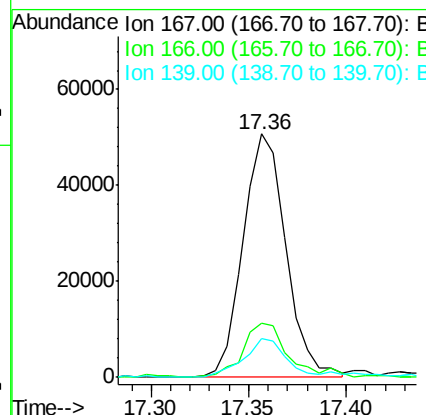
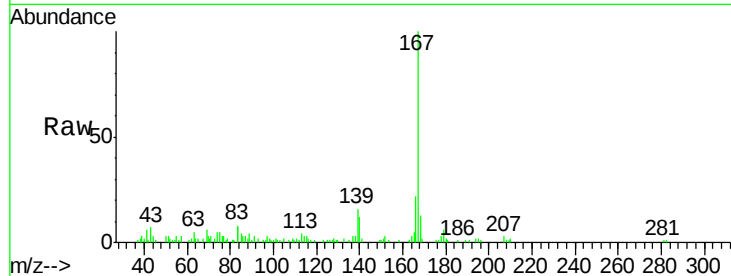
#72
 Carbazole
 Concen: 2.176 ng/ul
 RT: 17.36 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BM014360.D
 Acq: 26 Feb 2018 17:23

Instrument :
 BNA_M
 ClientSampleId :
 BE5X5

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.1	25.7
139	16.0	10.0	15.0

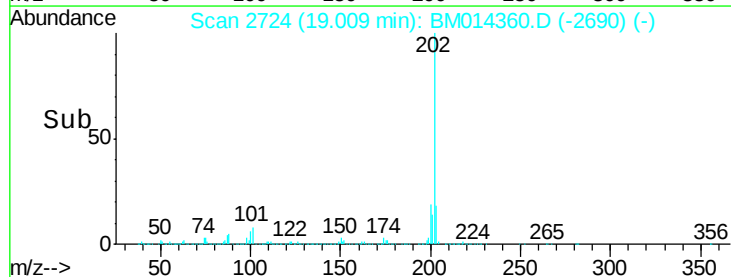
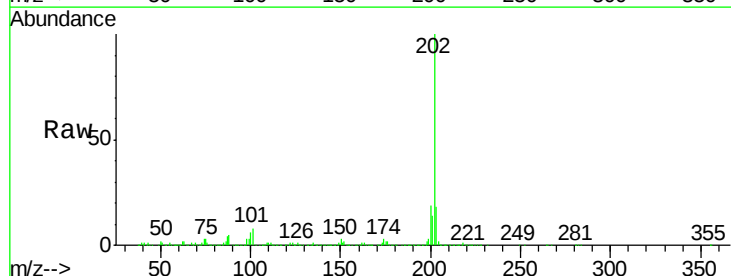
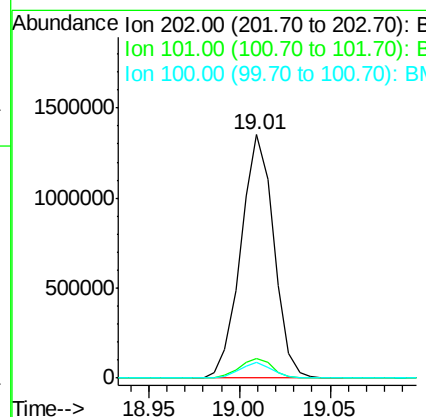
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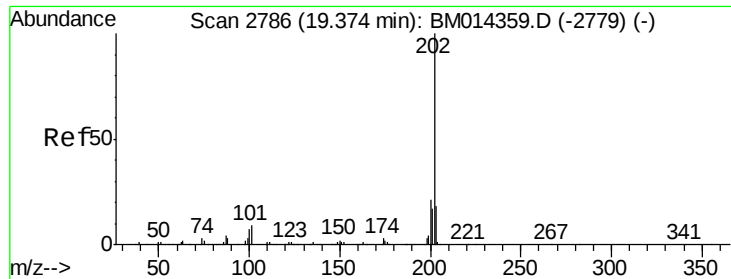
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 2/27/2018 4:58:12 PM



#74
 Fluoranthene
 Concen: 33.941 ng/ul
 RT: 19.01 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: BM014360.D
 Acq: 26 Feb 2018 17:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	4.6	7.0
100	6.3	3.4	5.2





#77

Pyrene

Concen: 37.983 ng/ul

RT: 19.37 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM014360.D

Acq: 26 Feb 2018 17:23

Instrument :

BNA_M

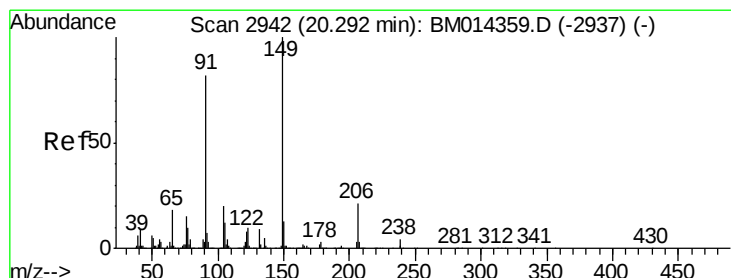
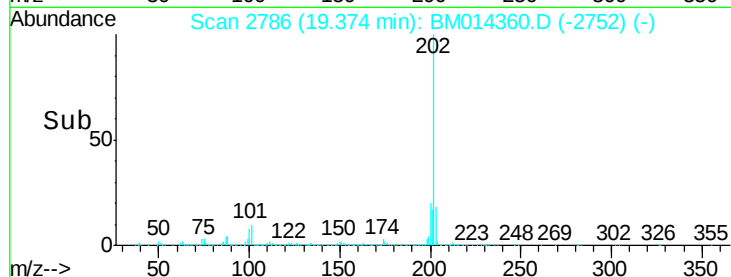
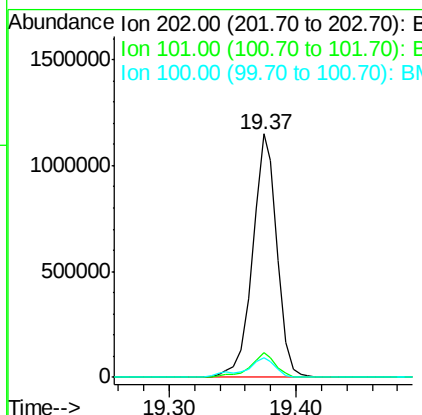
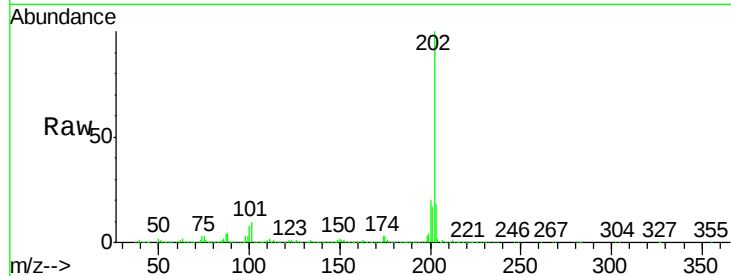
ClientSampleId :

BE5X5

Tgt Ion:	202	Resp:	1532414
Ion Ratio	Lower	Upper	
202	100		
101	9.9	5.1	7.7#
100	8.3	4.9	7.3#

Manual Integrations
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#78

Butylbenzylphthalate

Concen: 3.346 ng/ul

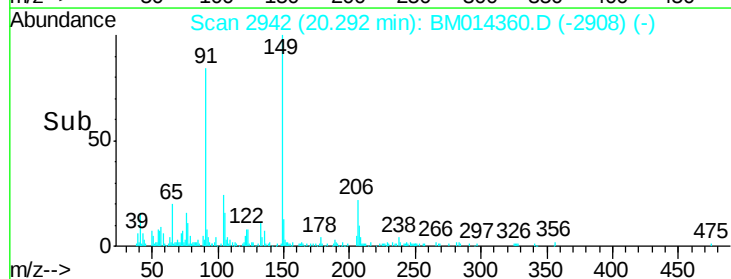
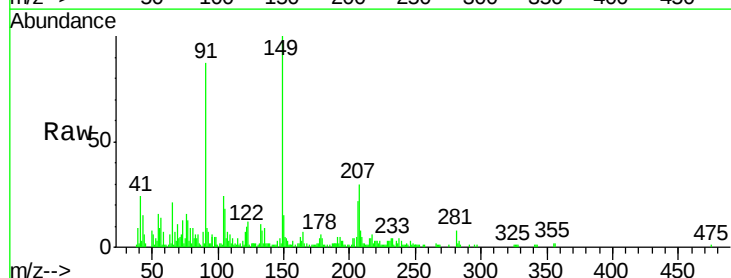
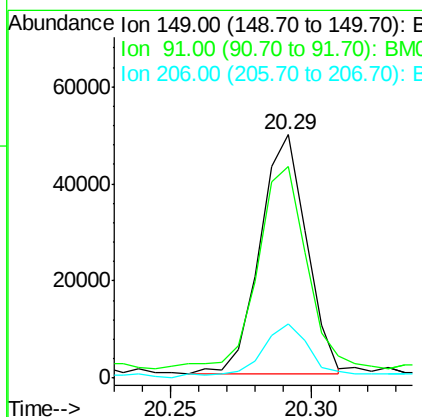
RT: 20.29 min Scan# 2942

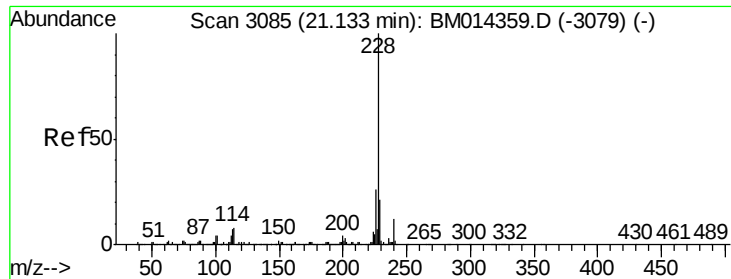
Delta R.T. 0.00 min

Lab File: BM014360.D

Acq: 26 Feb 2018 17:23

Tgt Ion:	149	Resp:	55822
Ion Ratio	Lower	Upper	
149	100		
91	86.9	62.7	94.1
206	22.3	20.8	31.2





#80

Benzo(a)anthracene

Concen: 18.342 ng/ul

RT: 21.13 min Scan# 3085

Delta R.T. 0.00 min

Lab File: BM014360.D

Acq: 26 Feb 2018 17:23

Instrument :

BNA_M

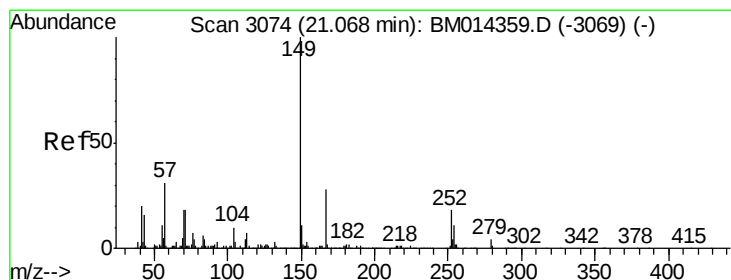
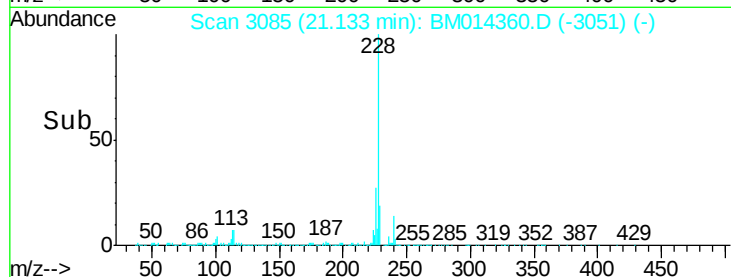
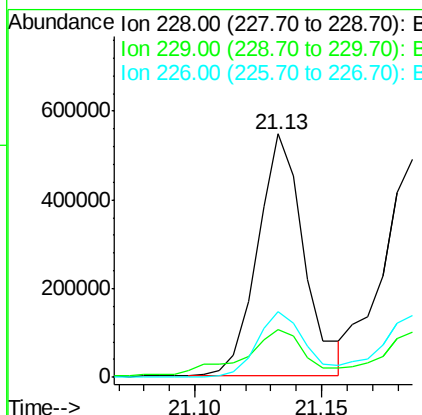
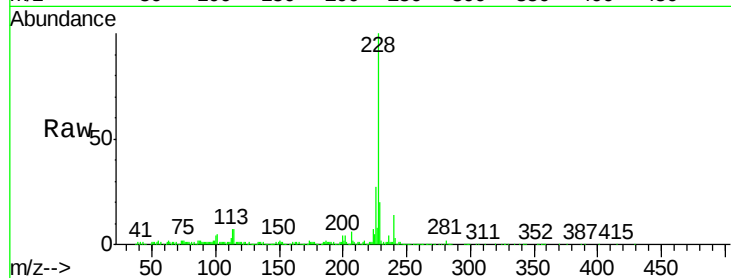
ClientSampled :

BE5X5

Tgt Ion:	228	Resp:	694927
Ion Ratio	Lower	Upper	
228	100		
229	19.9	15.4	23.0
226	27.1	21.4	32.0

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#81

Bis(2-ethylhexyl)phthalate

Concen: 6.083 ng/ul

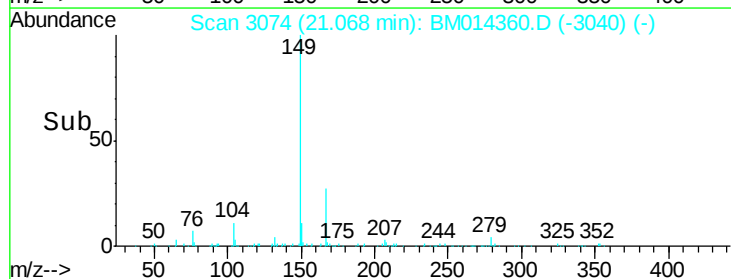
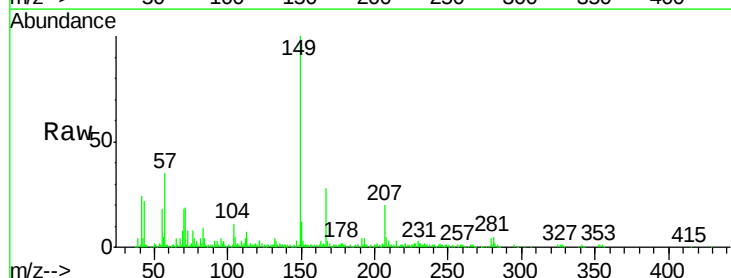
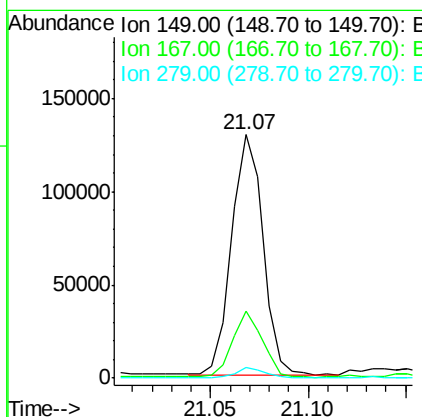
RT: 21.07 min Scan# 3074

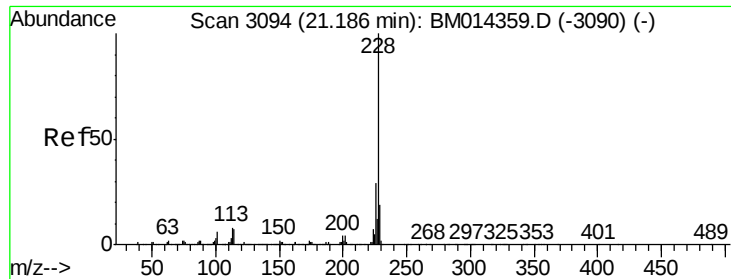
Delta R.T. 0.00 min

Lab File: BM014360.D

Acq: 26 Feb 2018 17:23

Tgt Ion:	149	Resp:	145335
Ion Ratio	Lower	Upper	
149	100		
167	27.6	22.8	34.2
279	4.2	4.9	7.3#





#82

Chrysene

Concen: 18.512 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM014360.D

Acq: 26 Feb 2018 17:23

Instrument :

BNA_M

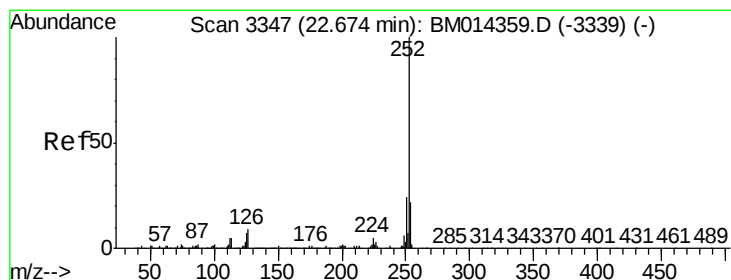
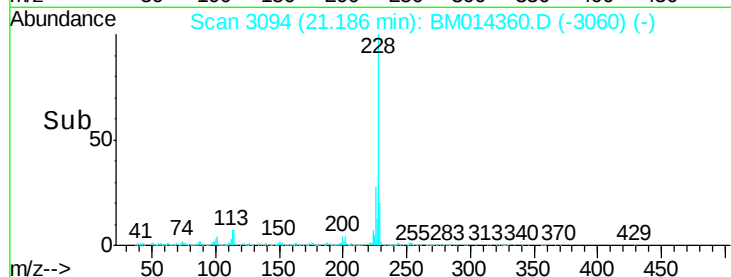
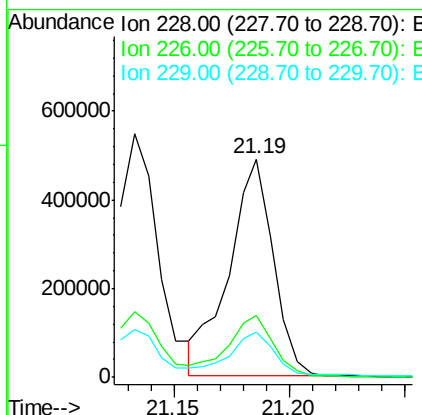
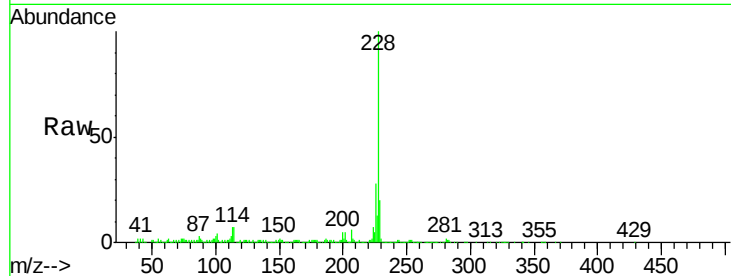
ClientSampled :

BE5X5

Tgt Ion:	228	Resp:	654299
Ion Ratio	Lower	Upper	
228	100		
226	28.0	23.4	35.2
229	20.4	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 22.024 ng/ul

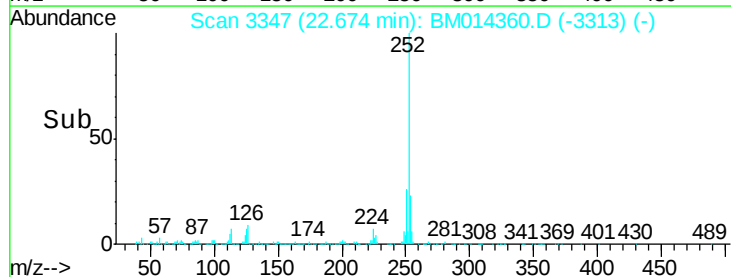
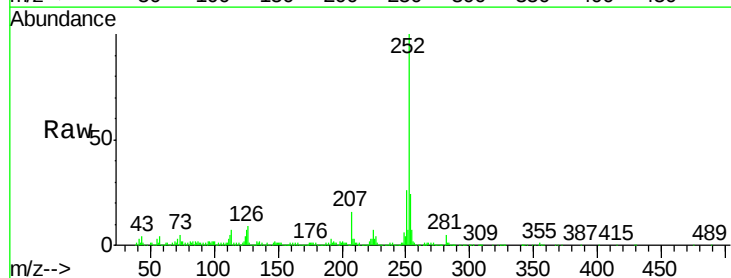
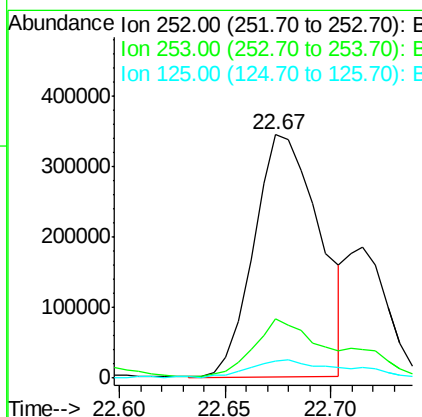
RT: 22.67 min Scan# 3347

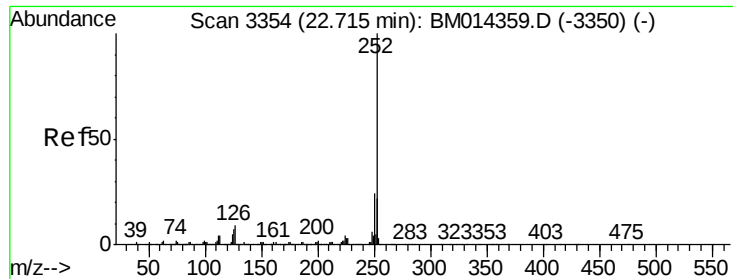
Delta R.T. 0.00 min

Lab File: BM014360.D

Acq: 26 Feb 2018 17:23

Tgt Ion:	252	Resp:	744088
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.9	26.9
125	7.2	3.6	5.4#





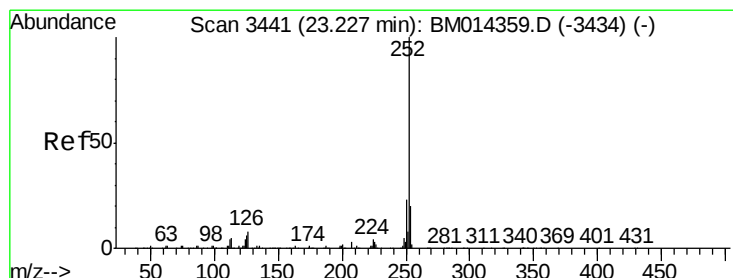
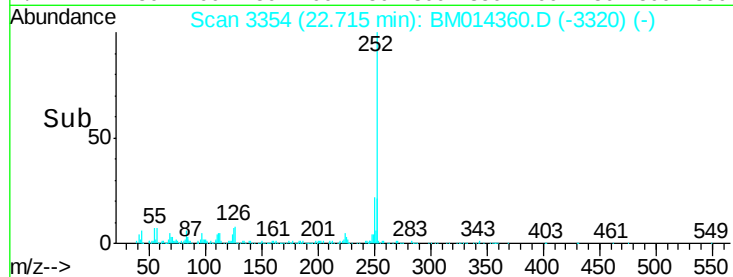
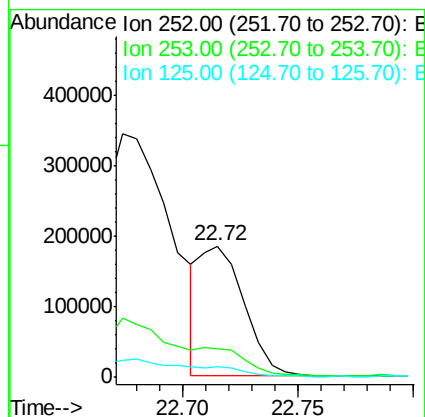
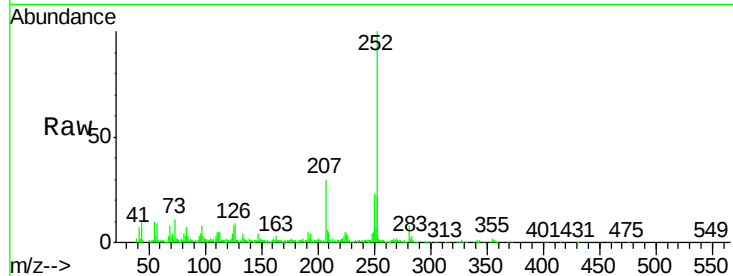
#86
Benzo(k)fluoranthene
Concen: 7.564 ng/ul
RT: 22.72 min Scan# 3354
Delta R.T. 0.00 min
Lab File: BM014360.D
Acq: 26 Feb 2018 17:23

Instrument :
BNA_M
ClientSampleId :
BE5X5

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	242968		
253	21.6	17.1	25.7	
125	7.9	3.4	5.2	

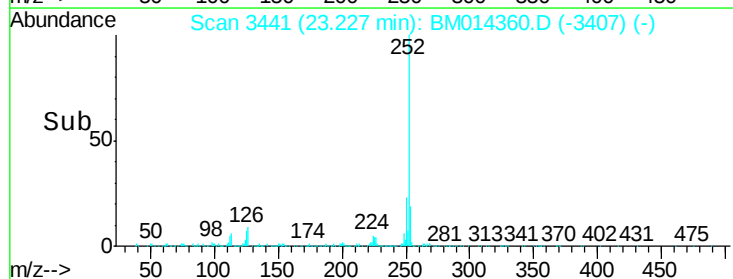
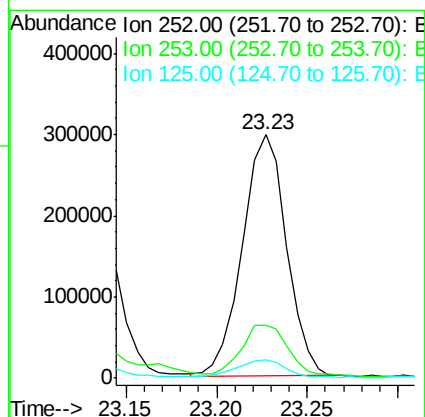
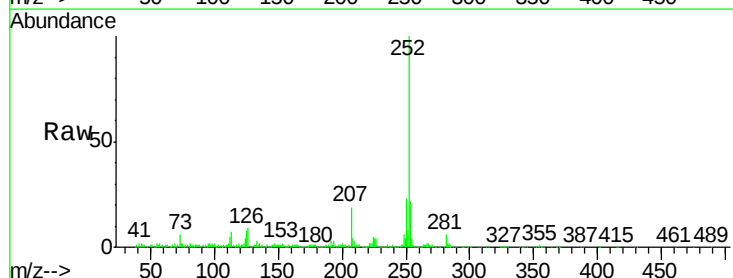
Manual Integrations
APPROVED

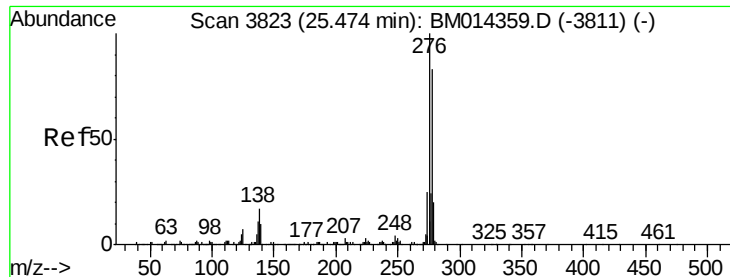
Sohil
2/27/2018 4:58:12 PM



#88
Benzo(a)pyrene
Concen: 16.655 ng/ul
RT: 23.23 min Scan# 3441
Delta R.T. 0.00 min
Lab File: BM014360.D
Acq: 26 Feb 2018 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	502819		
253	21.9	18.2	27.2	
125	7.5	4.0	6.0	





#89

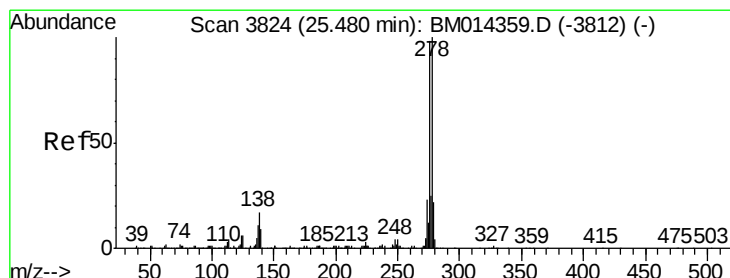
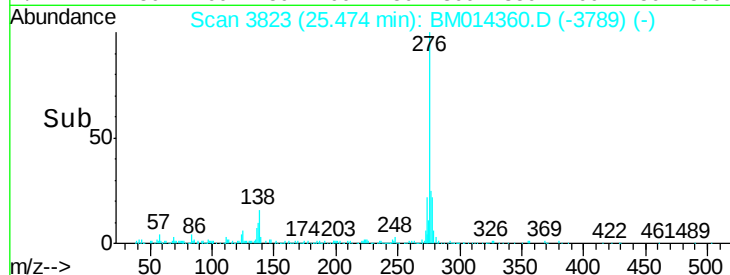
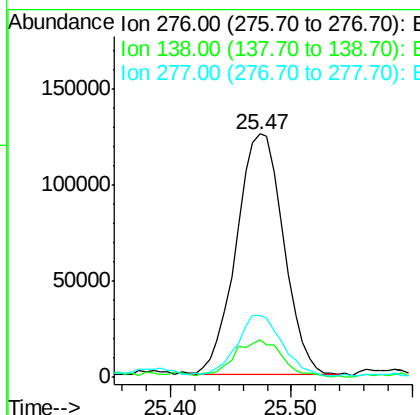
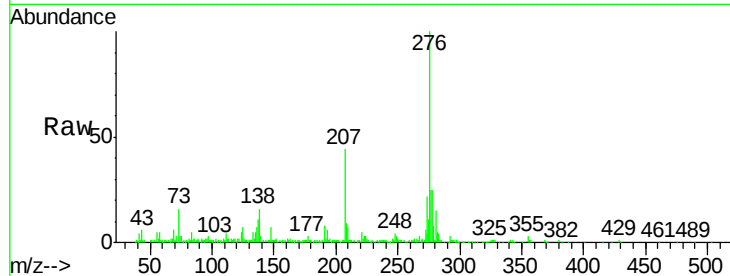
Indeno(1,2,3-cd)pyrene
Concen: 11.619 ng/ul
RT: 25.47 min Scan# 3823
Delta R.T. 0.00 min
Lab File: BM014360.D
Acq: 26 Feb 2018 17:23

Instrument :
BNA_M
ClientSampleId :
BE5X5

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	15.6	9.3	13.9#
277	25.5	19.9	29.9

Manual Integrations
APPROVED

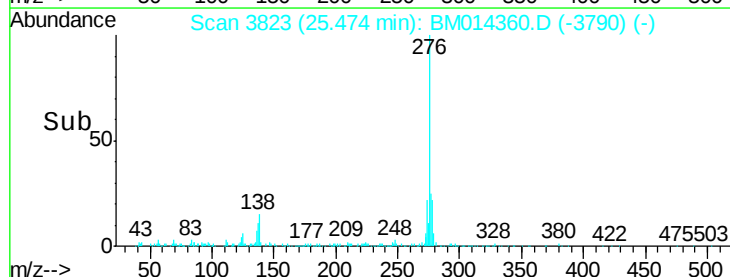
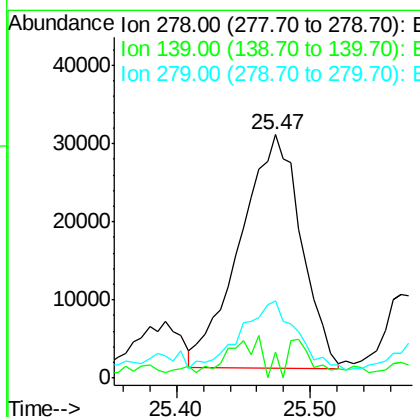
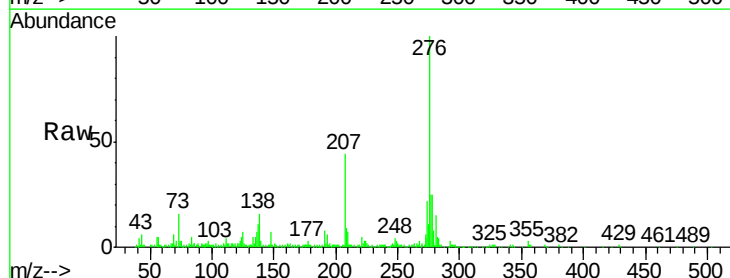
Sohil
2/27/2018 4:58:12 PM

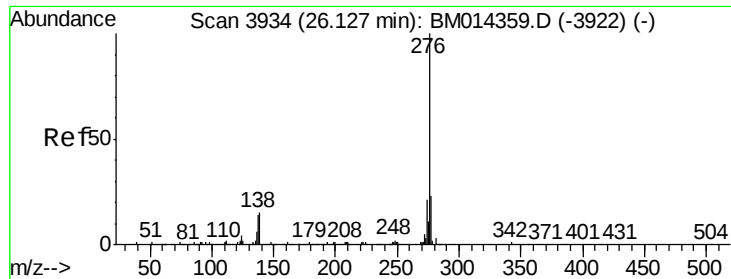


#90

Dibenzo(a,h)anthracene
Concen: 3.896 ng/ul
RT: 25.47 min Scan# 3823
Delta R.T. -0.01 min
Lab File: BM014360.D
Acq: 26 Feb 2018 17:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	10.8	5.8	8.8#
279	31.8	18.6	27.8#





#91
 Benzo(g,h,i)perylene
 Concen: 12.265 ng/ul
 RT: 26.13 min Scan# 3935
 Delta R.T. 0.01 min
 Lab File: BM014360.D
 Acq: 26 Feb 2018 17:23

Instrument :
 BNA_M
 ClientSampleId :
 BE5X5

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	14.4	8.5	12.7#
277	21.6	18.6	28.0

Manual Integrations
 APPROVED

Sohil
 2/27/2018 4:58:12 PM

