

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
 Data File : BM014341.D
 Acq On : 23 Feb 2018 21:20
 Operator : SJ/JU
 Sample : J1631-02 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Y5

Manual Integrations
 APPROVED

Sohil
 2/26/2018 4:50:13 PM

Quant Time: Feb 24 01:03:26 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 23 23:12:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	110501	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	511012	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	307371	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	656478	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	632021	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	523689	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	1526	0.59	ng/uL	0.00
5) Phenol-d5	6.75	99	19183m	2.05	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.89	67	9856	1.74	ng/ul	0.01
9) 2-Chlorophenol-d4	7.07	132	17746m	2.48	ng/ul	0.01
13) 4-Methylphenol-d8	8.27	113	12515m	1.53	ng/ul	0.03
19) Nitrobenzene-d5	8.71	128	9768m	2.59	ng/ul	0.03
22) 2-Nitrophenol-d4	9.41	143	7143m	1.83	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.99	165	16599m	2.05	ng/ul	0.05
29) 4-Chloroaniline-d4	10.53	131	9753m	1.22	ng/ul	0.08
43) Dimethylphthalate-d6	13.61	166	65541	2.58	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	88194	2.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	318	0.09	ng/ul	0.14
57) Fluorene-d10	15.19	176	61374	2.70	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.37	200	3605	0.92	ng/ul	0.03
70) Anthracene-d10	17.04	188	90347	2.85	ng/ul	0.00
76) Pyrene-d10	19.34	212	110458	3.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	81077	3.18	ng/ul	0.00

Target Compounds

					Ovalue	
69) Phenanthrene	16.98	178	50810	1.343	ng/ul#	89
74) Fluoranthene	19.01	202	118879	2.631	ng/ul#	98
77) Pyrene	19.37	202	120458	2.868	ng/ul#	92
80) Benzo(a)anthracene	21.13	228	72668	1.842	ng/ul	96
82) Chrysene	21.19	228	64174	1.744	ng/ul	96
85) Benzo(b)fluoranthene	22.68	252	82732	2.359	ng/ul#	93
88) Benzo(a)pyrene	23.23	252	52452	1.674	ng/ul#	95

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

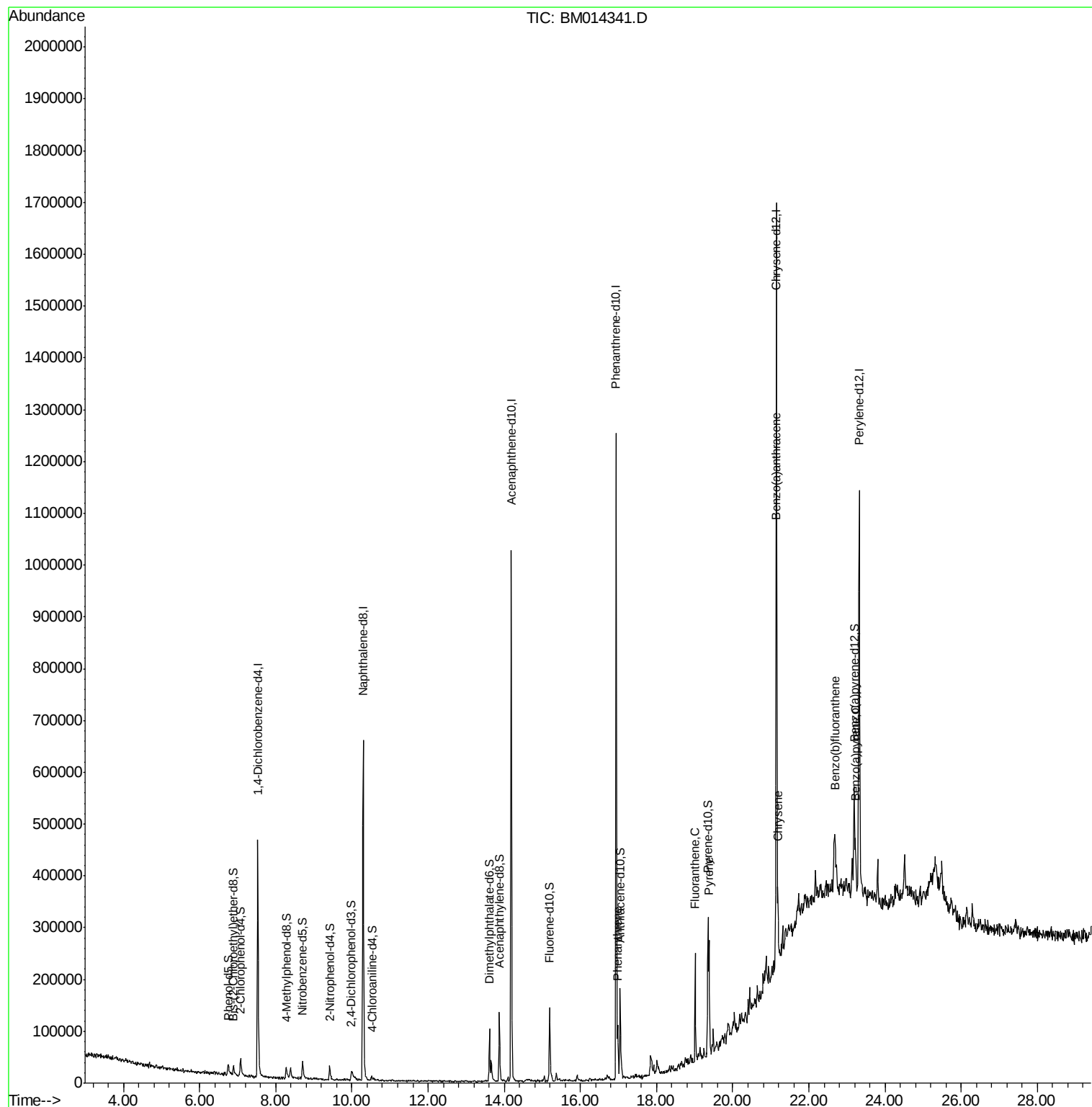
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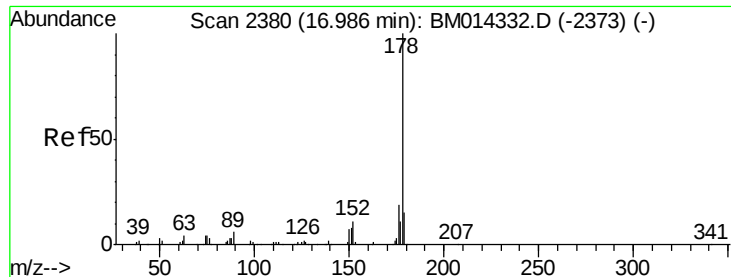
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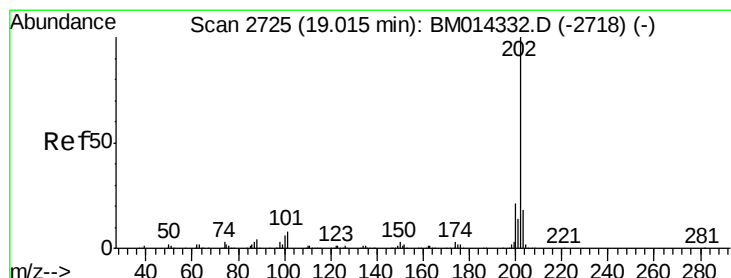
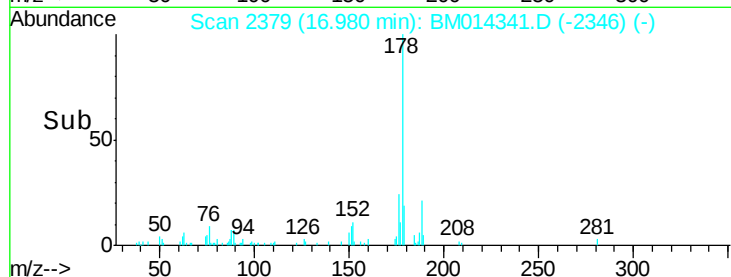
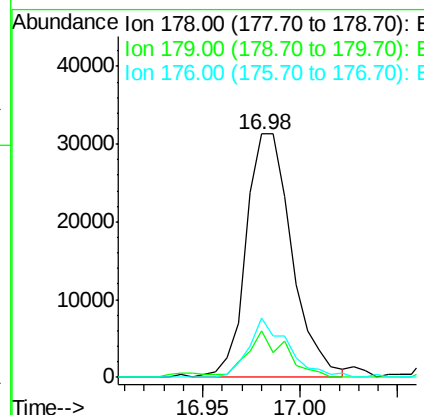
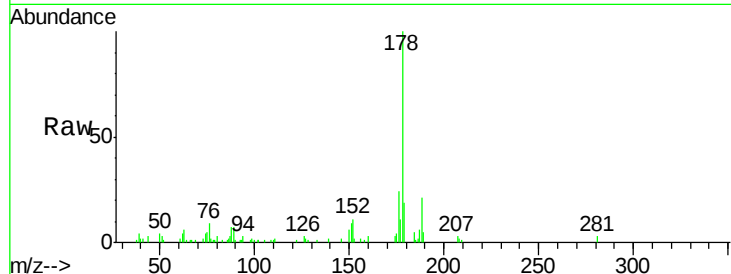
#69
Phenanthrene
Concen: 1.343 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM014341.D
Acq: 23 Feb 2018 21:20

Instrument :
BNA_M
ClientSampleId :
BE5Y5

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.4	12.6	19.0#
176	24.4	14.9	22.3#

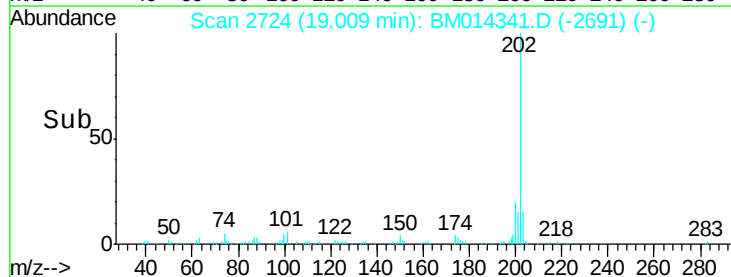
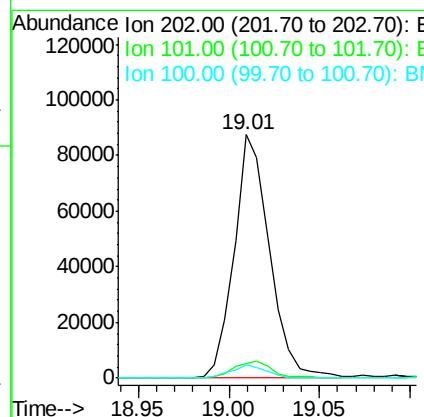
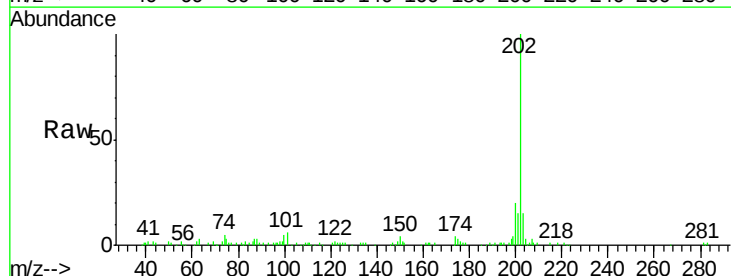
Manual Integrations
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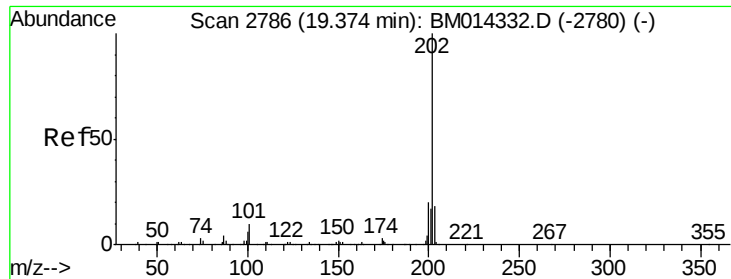
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#74
Fluoranthene
Concen: 2.631 ng/ul
RT: 19.01 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BM014341.D
Acq: 23 Feb 2018 21:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.1	4.6	7.0
100	5.3	3.4	5.2#





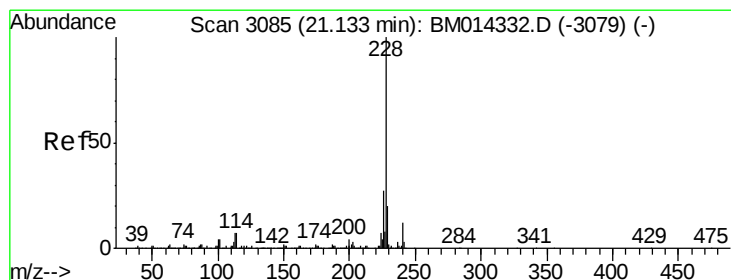
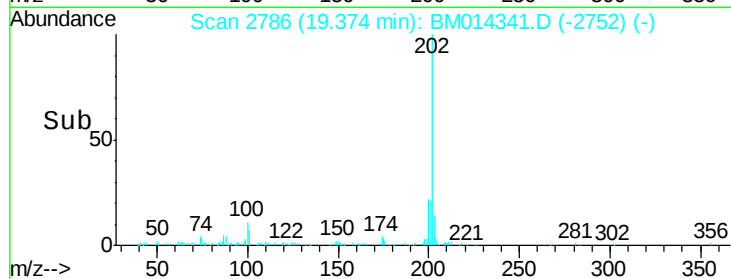
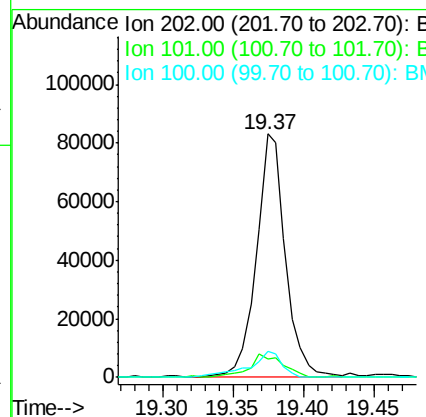
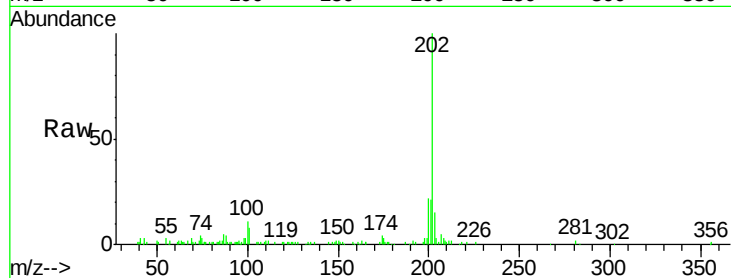
#77
Pvrene
Concen: 2.868 ng/ul
RT: 19.37 min Scan# 2786
Delta R.T. 0.00 min
Lab File: BM014341.D
Acq: 23 Feb 2018 21:20

Instrument :
BNA_M
ClientSampleId :
BE5Y5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.5	5.1	7.7
100	10.8	4.9	7.3#

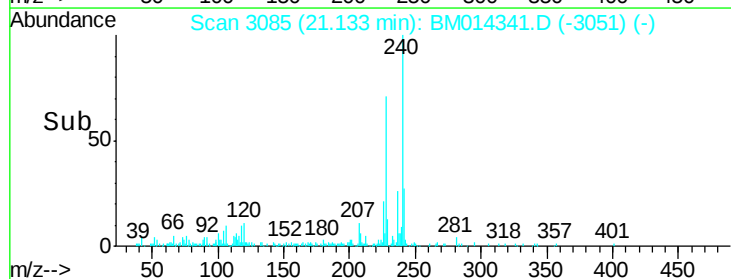
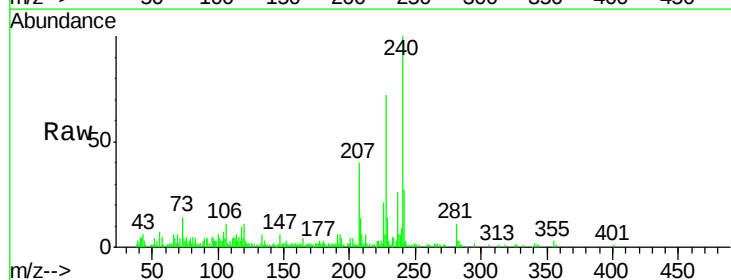
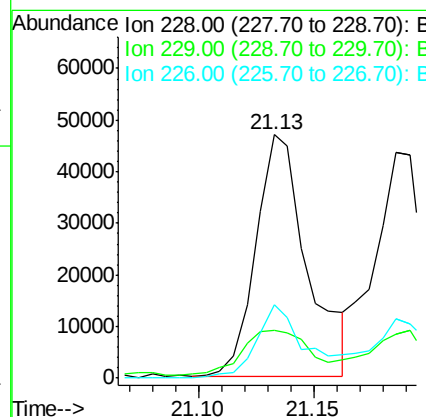
Manual Integrations
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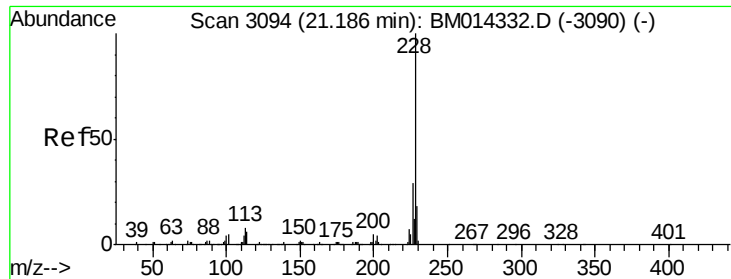
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#80
Benzo(a)anthracene
Concen: 1.842 ng/ul
RT: 21.13 min Scan# 3085
Delta R.T. 0.00 min
Lab File: BM014341.D
Acq: 23 Feb 2018 21:20

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.9	15.4	23.0
226	29.9	21.4	32.0





#82

Chrysene

Concen: 1.744 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM014341.D

Acq: 23 Feb 2018 21:20

Instrument :

BNA_M

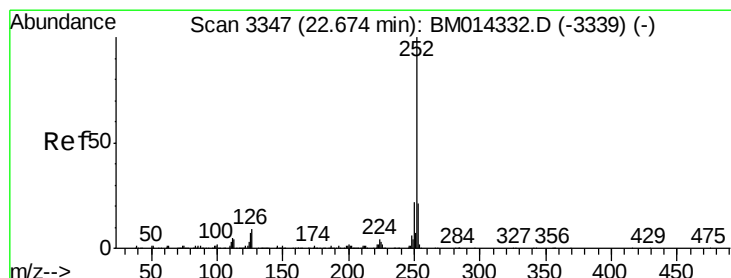
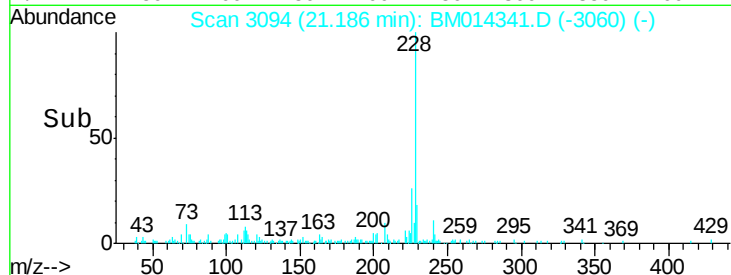
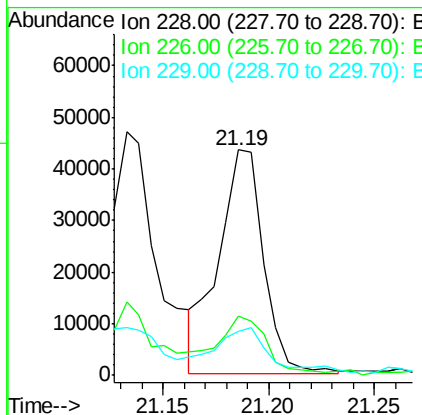
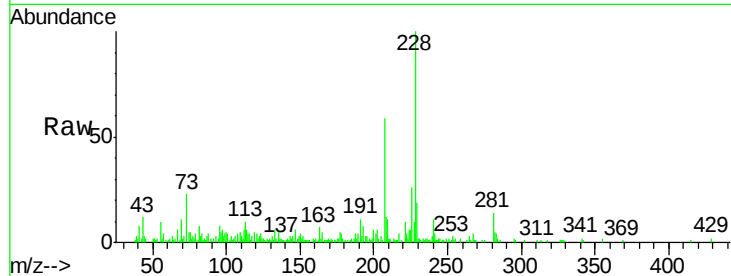
ClientSampled :

BE5Y5

Tot Ion:	228	Resp:	64174
Ion Ratio	Lower	Upper	
228	100		
226	26.3	23.4	35.2
229	19.3	15.5	23.3

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 2.359 ng/ul

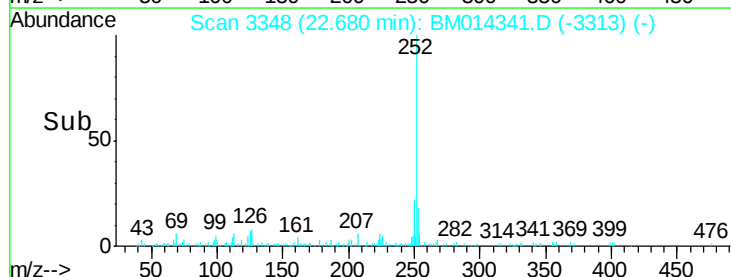
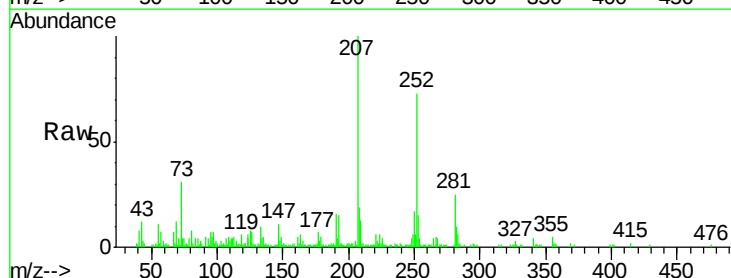
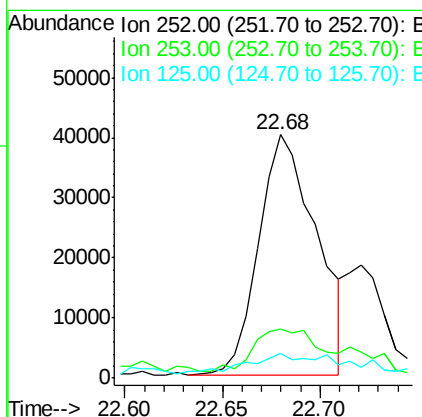
RT: 22.68 min Scan# 3348

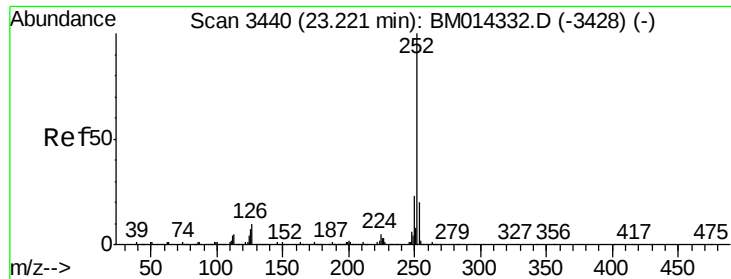
Delta R.T. 0.01 min

Lab File: BM014341.D

Acq: 23 Feb 2018 21:20

Tgt Ion:	252	Resp:	82732
Ion Ratio	Lower	Upper	
252	100		
253	20.1	17.9	26.9
125	10.4	3.6	5.4#





#88

Benzo(a)pyrene

Concen: 1.674 ng/ul

RT: 23.23 min Scan# 3442

Delta R.T. 0.01 min

Lab File: BM014341.D

Acq: 23 Feb 2018 21:20

Instrument :

BNA_M

ClientSampleId :

BE5Y5

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.2
125	9.5	4.0	6.0

Manual Integrations
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