

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014423.D
 Acq On : 01 Mar 2018 04:33
 Operator : SJ/JU
 Sample : J1646-21 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z9

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:15:38 PM

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Quant Time: Mar 01 07:17:17 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 01 03:03:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	3/1/2018 5:15:38 PM
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1) 1,4-Dichlorobenzene-d4	7.52	152	141473	20.00	ng/ul	0.00	
18) Naphthalene-d8	10.28	136	655484	20.00	ng/ul	0.00	
35) Acenaphthene-d10	14.17	164	409844	20.00	ng/ul	0.00	
61) Phenanthrene-d10	16.93	188	909909	20.00	ng/ul	0.00	
75) Chrysene-d12	21.15	240	937020	20.00	ng/ul	0.00	
83) Perylene-d12	23.33	264	731908	20.00	ng/ul	0.00	

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	2367m	0.72	ng/uL	0.00	
5) Phenol-d5	6.72	99	53789	4.50	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	6.86	67	30773	4.25	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.06	132	45539	4.97	ng/ul	0.00	
13) 4-Methylphenol-d8	8.25	113	38303	3.66	ng/ul	0.01	
19) Nitrobenzene-d5	8.68	128	24687	5.10	ng/ul	0.01	
22) 2-Nitrophenol-d4	9.39	143	25899	5.17	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	9.95	165	47670m	4.59	ng/ul	0.02	
29) 4-Chloroaniline-d4	10.47	131	24206m	2.37	ng/ul	0.02	
43) Dimethylphthalate-d6	13.60	166	179090	5.29	ng/ul	0.00	
46) Acenaphthylene-d8	13.86	160	220273	5.28	ng/ul	0.00	
51) 4-Nitrophenol-d4	14.49	143	9704	2.08	ng/ul	0.05	
57) Fluorene-d10	15.18	176	158969	5.24	ng/ul	0.00	
62) 4,6-Dinitro-2-methylphenol	15.35	200	4802	0.88	ng/ul	0.01	
70) Anthracene-d10	17.03	188	252395	5.75	ng/ul	0.00	
76) Pyrene-d10	19.34	212	287118	5.94	ng/ul	0.00	
87) Benzo(a)pyrene-d12	23.19	264	199581	5.60	ng/ul	0.00	

Target Compounds

					Ovalue	
60) 4-Nitroaniline	15.29	138	33511	5.560	ng/ul	85
69) Phenanthrene	16.97	178	214740	4.096	ng/ul	99
74) Fluoranthene	19.01	202	600038	9.580	ng/ul#	94
77) Pyrene	19.37	202	567276	9.110	ng/ul#	93
80) Benzo(a)anthracene	21.13	228	312806	5.349	ng/ul	99
82) Chrysene	21.19	228	269766	4.945	ng/ul	96
85) Benzo(b)fluoranthene	22.68	252	344927	7.038	ng/ul#	91
86) Benzo(k)fluoranthene	22.71	252	90747m	1.948	ng/ul	
88) Benzo(a)pyrene	23.23	252	226712	5.177	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.49	276	157584	3.708	ng/ul#	98
91) Benzo(g,h,i)perylene	26.15	276	138140	4.013	ng/ul#	92

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

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Misc :
ALS Vial : 27 Sample Multiplier: 1

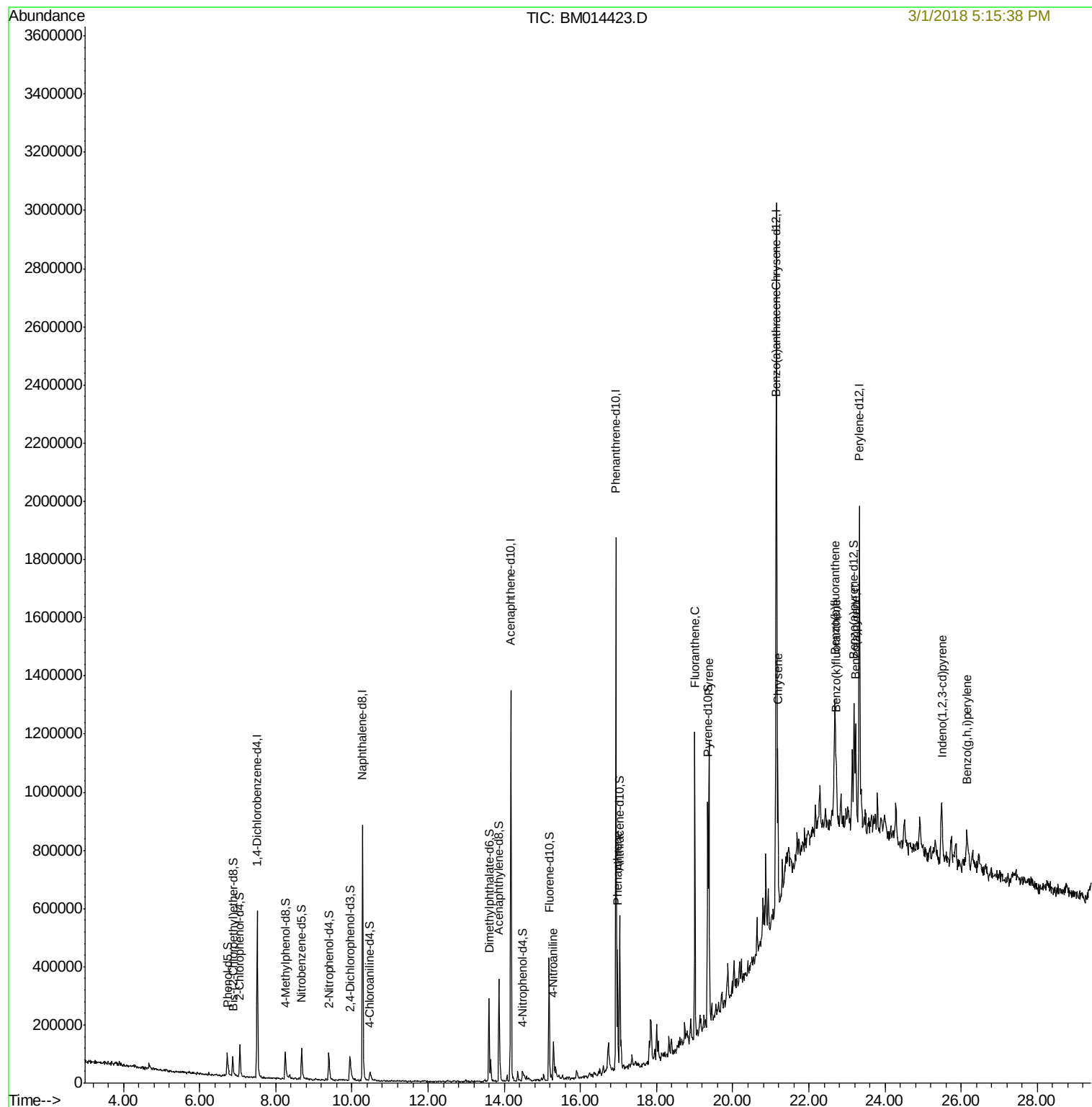
Instrument :
BNA_M
ClientSampleId :
BE5Z9

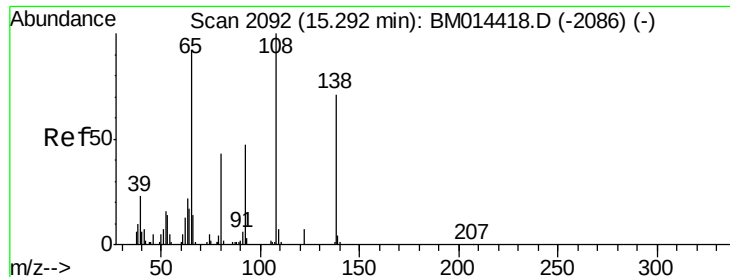
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Quant Time: Mar 01 07:17:17 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 03:03:26 2018
Response via : Initial Calibration





#60
4-Nitroaniline
Concen: 5.560 ng/ul
RT: 15.29 min Scan# 2092
Delta R.T. 0.01 min
Lab File: BM014423.D
Acq: 01 Mar 2018 04:33

Instrument :
BNA_M
ClientSampled :
BE5Z9

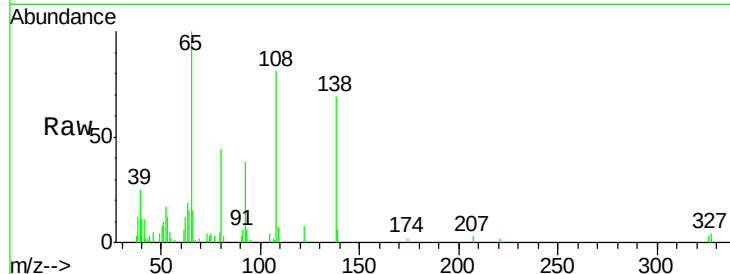
Tot Ion	Ratio	Lower	Upper
138	100		
92	55.8	40.0	60.0
108	118.3	80.0	120.0

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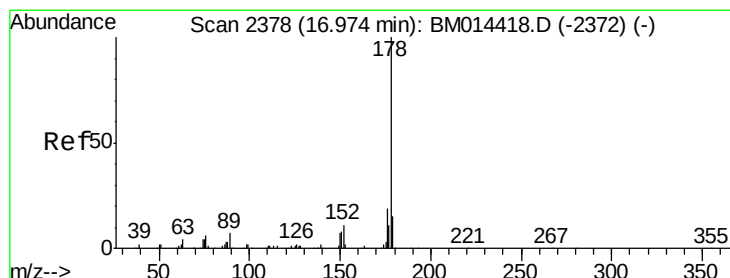
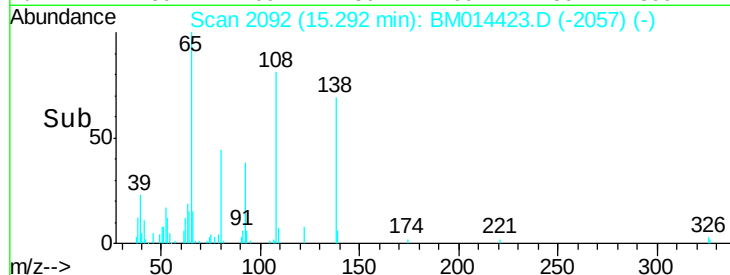
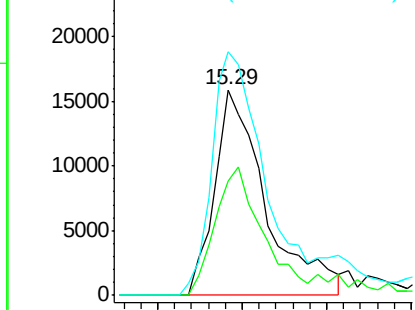
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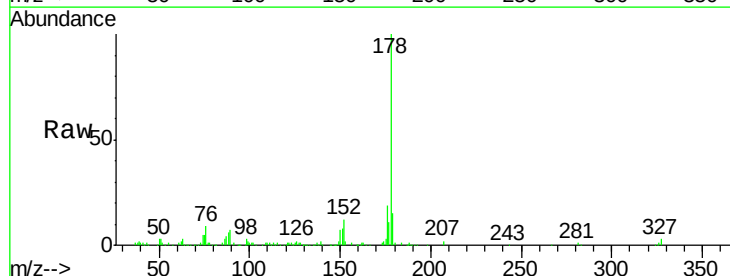


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): E
Ion 108.00 (107.70 to 108.70): E

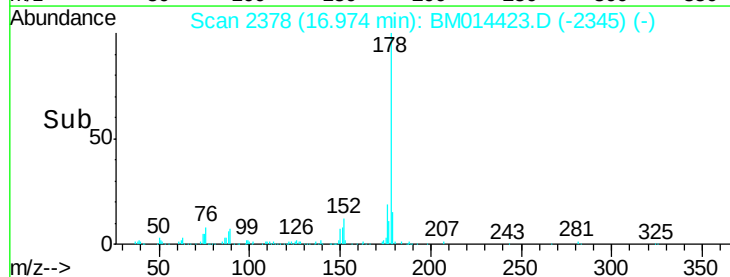
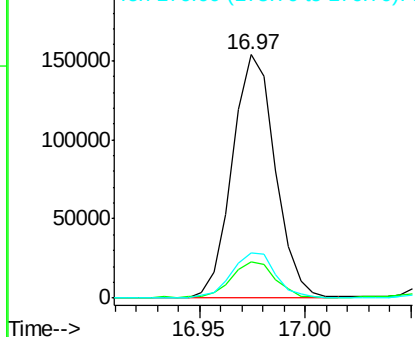


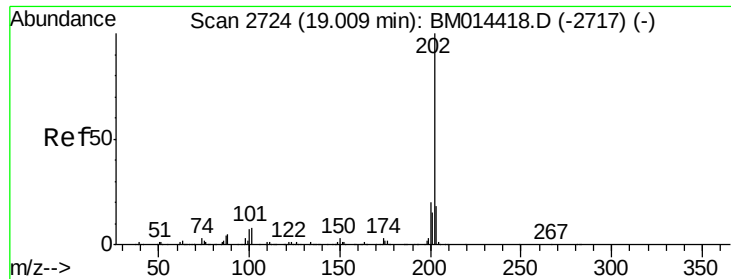
#69
Phenanthrene
Concen: 4.096 ng/ul
RT: 16.97 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM014423.D
Acq: 01 Mar 2018 04:33

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	18.5	14.9	22.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 9.580 ng/ul

RT: 19.01 min Scan# 2724

Delta R.T. 0.00 min

Lab File: BM014423.D

Acq: 01 Mar 2018 04:33

Instrument :

BNA_M

ClientSampleId :

BE5Z9

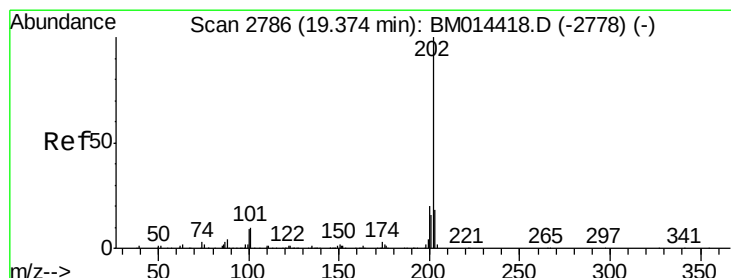
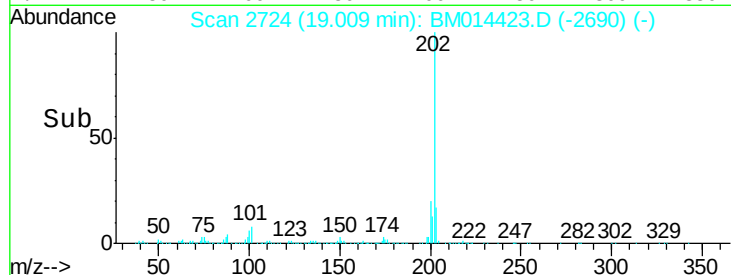
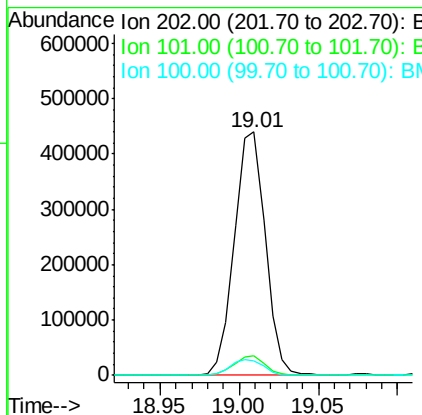
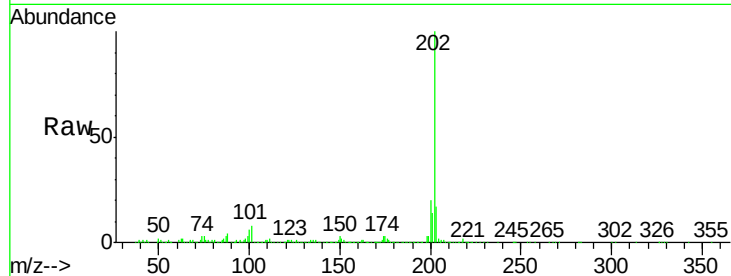
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.8	4.6	7.0#
100	6.0	3.4	5.2#

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#77

Pyrene

Concen: 9.110 ng/ul

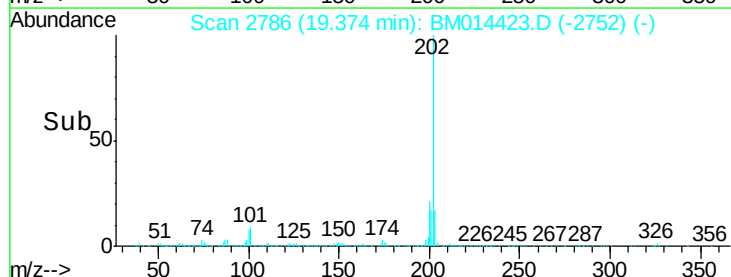
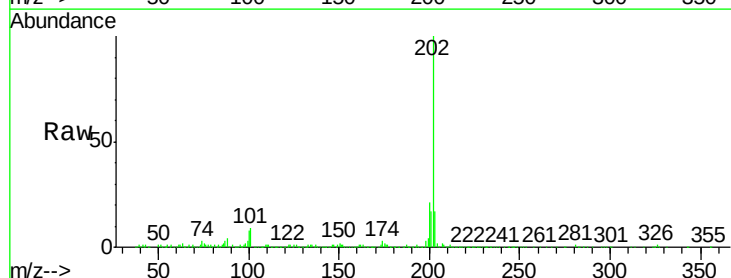
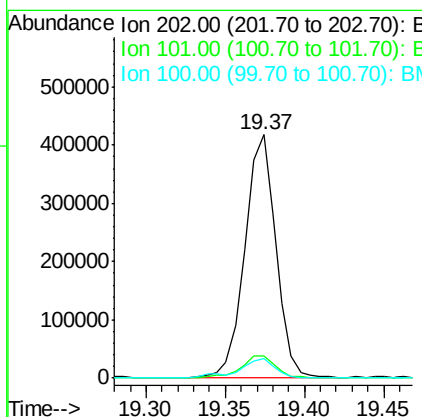
RT: 19.37 min Scan# 2786

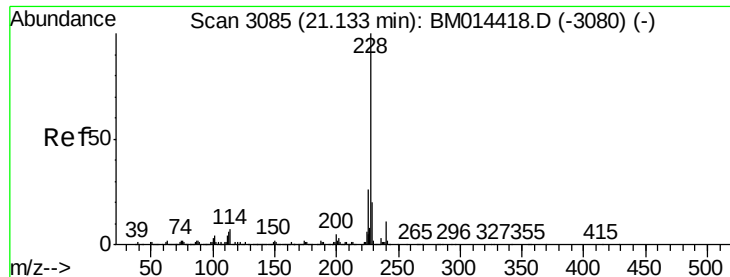
Delta R.T. 0.00 min

Lab File: BM014423.D

Acq: 01 Mar 2018 04:33

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.9	5.1	7.7#
100	8.1	4.9	7.3#





#80

Benzo(a)anthracene

Concen: 5.349 ng/ul

RT: 21.13 min Scan# 3085

Delta R.T. 0.00 min

Lab File: BM014423.D

Acq: 01 Mar 2018 04:33

Instrument :

BNA_M

ClientSampled :

BE5Z9

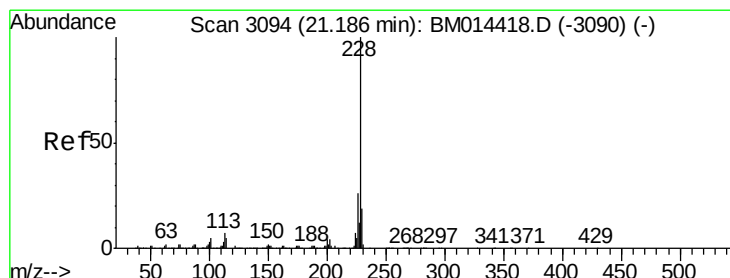
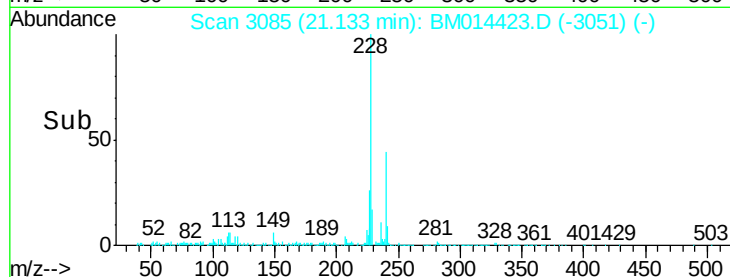
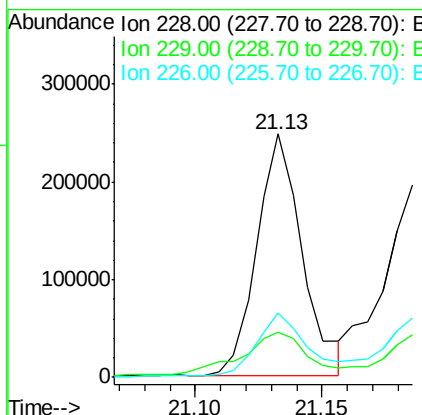
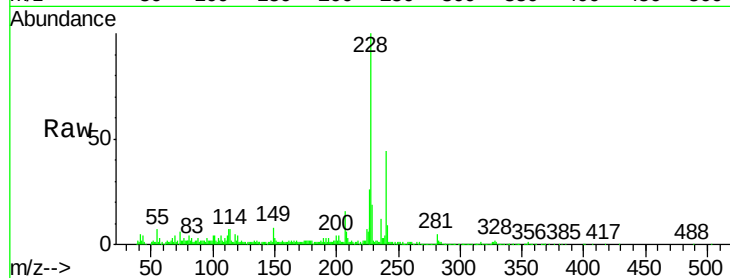
Tot Ion:	228	Resp:	312806
Ion Ratio	Lower	Upper	
228	100		
229	18.6	15.4	23.0
226	26.5	21.4	32.0

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#82

Chrysene

Concen: 4.945 ng/ul

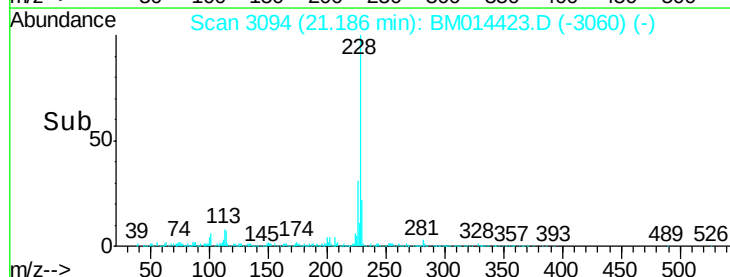
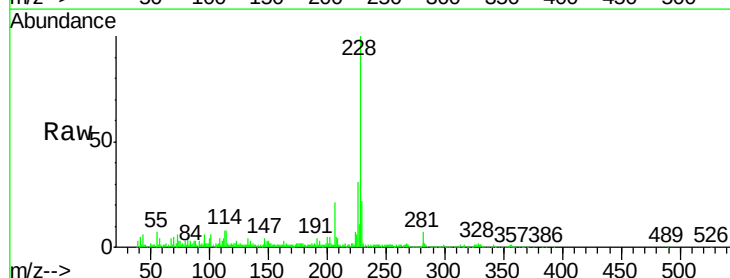
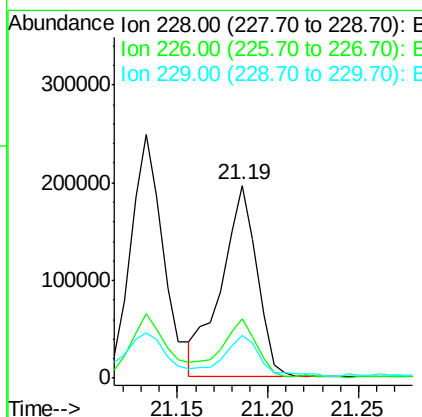
RT: 21.19 min Scan# 3094

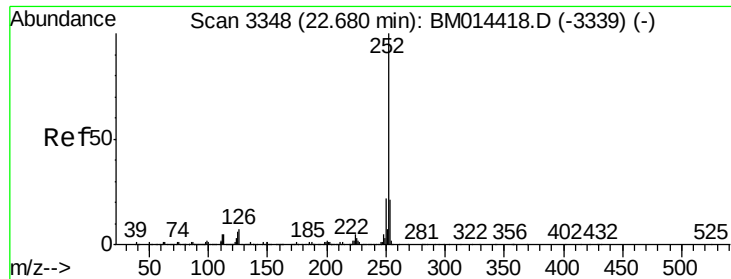
Delta R.T. 0.00 min

Lab File: BM014423.D

Acq: 01 Mar 2018 04:33

Tgt Ion:	228	Resp:	269766
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.4	35.2
229	22.2	15.5	23.3





#85
Benzo(b)fluoranthene
Concen: 7.038 ng/ul
RT: 22.68 min Scan# 3348
Delta R.T. 0.00 min
Lab File: BM014423.D
Acq: 01 Mar 2018 04:33

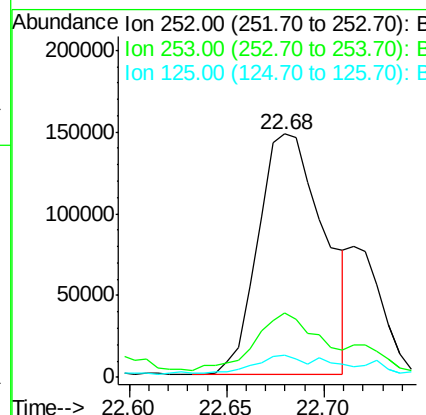
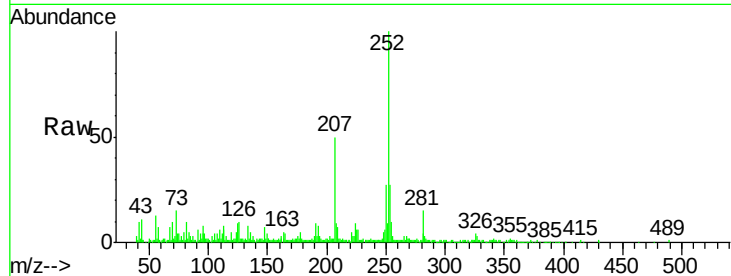
Instrument :
BNA_M
ClientSampleId :
BE5Z9

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.9	26.9
125	9.0	3.6	5.4#

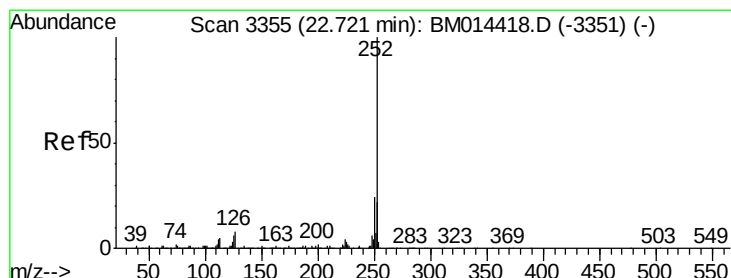
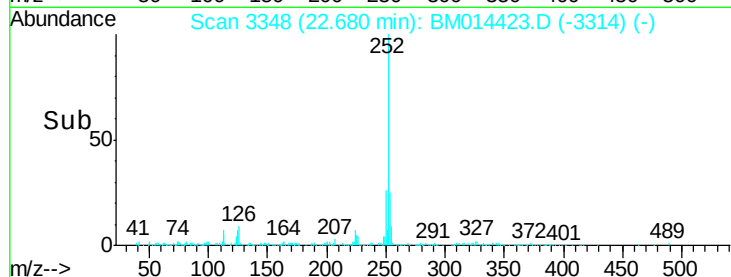
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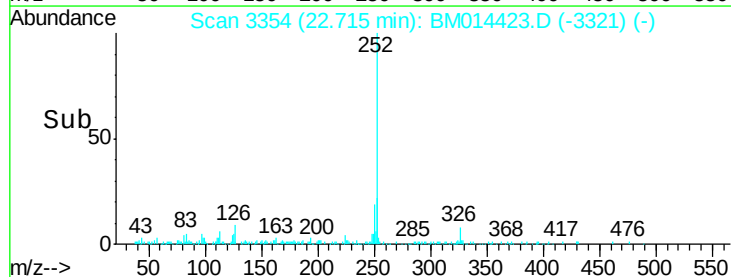
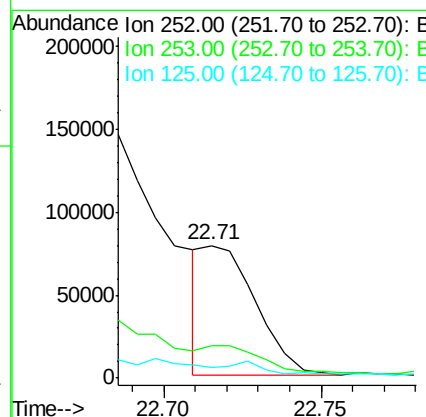
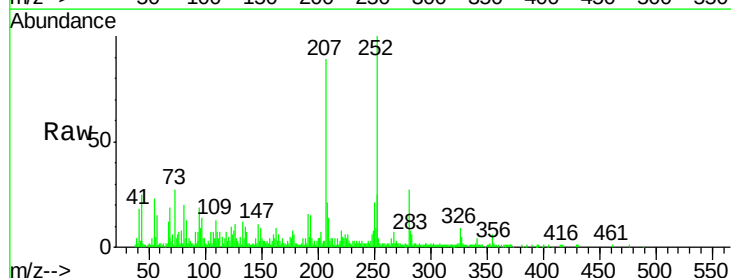


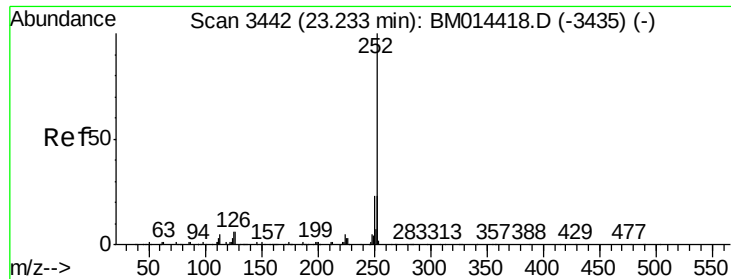
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#86
Benzo(k)fluoranthene
Concen: 1.948 ng/ul m
RT: 22.71 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BM014423.D
Acq: 01 Mar 2018 04:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.1	25.7
125	8.0	3.4	5.2#





#88
Benzo(a)pyrene
Concen: 5.177 ng/ul
RT: 23.23 min Scan# 3442
Delta R.T. 0.00 min
Lab File: BM014423.D
Acq: 01 Mar 2018 04:33

Instrument :
BNA_M
ClientSampleId :
BE5Z9

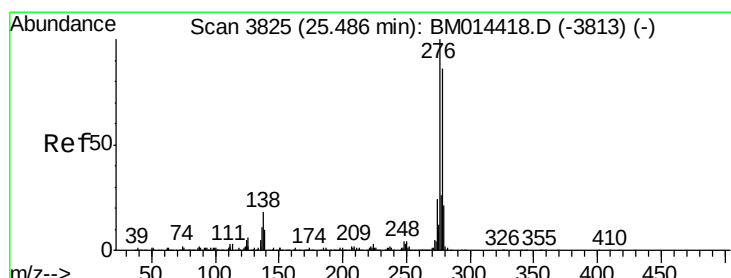
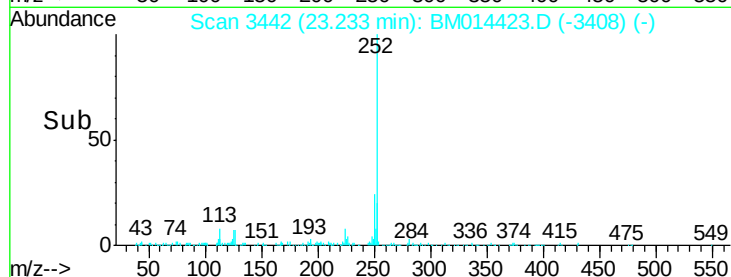
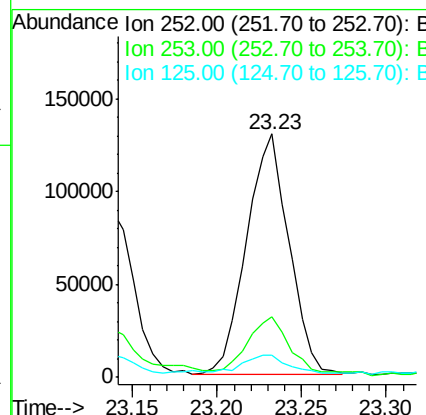
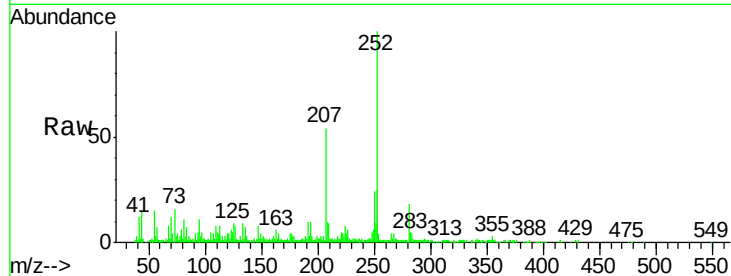
Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.1	18.2	27.2
125	8.9	4.0	6.0

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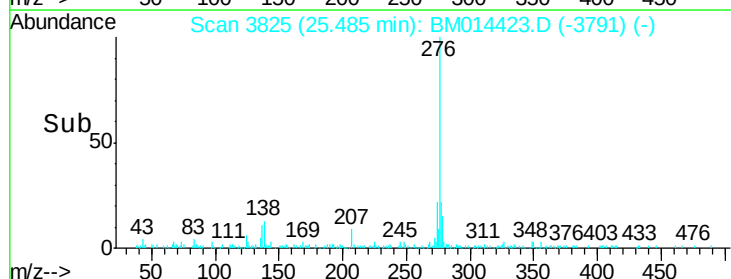
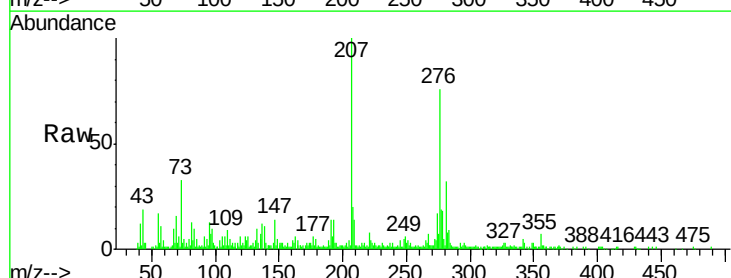
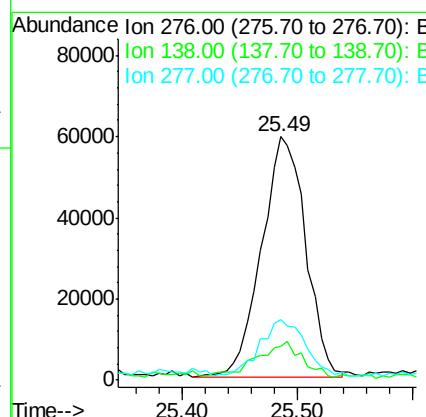
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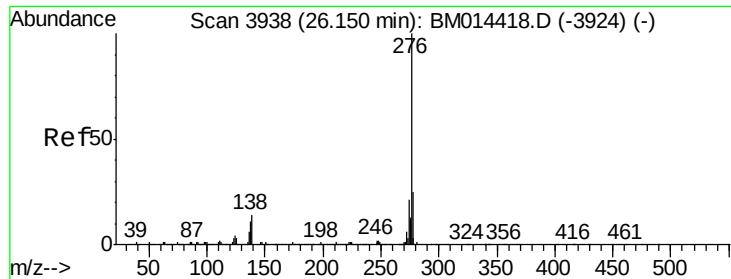
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#89
Indeno(1,2,3-cd)pyrene
Concen: 3.708 ng/ul
RT: 25.49 min Scan# 3825
Delta R.T. 0.00 min
Lab File: BM014423.D
Acq: 01 Mar 2018 04:33

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	14.0	9.3	13.9
277	25.1	19.9	29.9





#91

Benzo(a,h,i)perylene

Concen: 4.013 ng/ul

RT: 26.15 min Scan# 3938

Delta R.T. 0.00 min

Lab File: BM014423.D

Acq: 01 Mar 2018 04:33

Instrument :

BNA_M

ClientSampleId :

BE5Z9

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	13.3	8.5	12.7#		
277	27.0	18.6	28.0		

Manual Integrations
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