

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
 Data File : BM014345.D
 Acq On : 23 Feb 2018 23:43
 Operator : SJ/JU
 Sample : J1631-09 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z0

Manual Integrations
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 2/26/2018 4:50:23 PM

Quant Time: Feb 24 01:46:25 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	134454	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	597259	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	357170	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	739249	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	626453	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	531612	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	1902m	0.61	ng/uL	0.00
5) Phenol-d5	6.74	99	28098m	2.47	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.89	67	15264	2.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	22079	2.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	16970	1.71	ng/ul	0.02
19) Nitrobenzene-d5	8.69	128	13681m	3.10	ng/ul	0.01
22) 2-Nitrophenol-d4	9.41	143	12179m	2.67	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.97	165	19841m	2.10	ng/ul	0.04
29) 4-Chloroaniline-d4	10.50	131	14405m	1.55	ng/ul	0.04
43) Dimethylphthalate-d6	13.60	166	94197	3.19	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	115355	3.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	484	0.12	ng/ul	0.11
57) Fluorene-d10	15.19	176	77006	2.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	4120	0.93	ng/ul	0.02
70) Anthracene-d10	17.04	188	115309	3.23	ng/ul	0.00
76) Pyrene-d10	19.34	212	126313	3.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	89620	3.46	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.66	163	41618	1.431	ng/ul#	94
69) Phenanthrene	16.98	178	188844	4.434	ng/ul	99
74) Fluoranthene	19.01	202	409068	8.039	ng/ul#	91
77) Pyrene	19.37	202	469222	11.271	ng/ul#	94
80) Benzo(a)anthracene	21.13	228	215903	5.522	ng/ul	99
82) Chrysene	21.19	228	225324	6.178	ng/ul	98
85) Benzo(b)fluoranthene	22.67	252	353723	9.937	ng/ul#	97
86) Benzo(k)fluoranthene	22.71	252	117081m	3.460	ng/ul	
88) Benzo(a)pyrene	23.23	252	261537	8.222	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.47	276	193746	6.277	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.47	278	48567	1.894	ng/ul#	80
91) Benzo(g,h,i)perylene	26.13	276	145287	5.810	ng/ul#	96

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

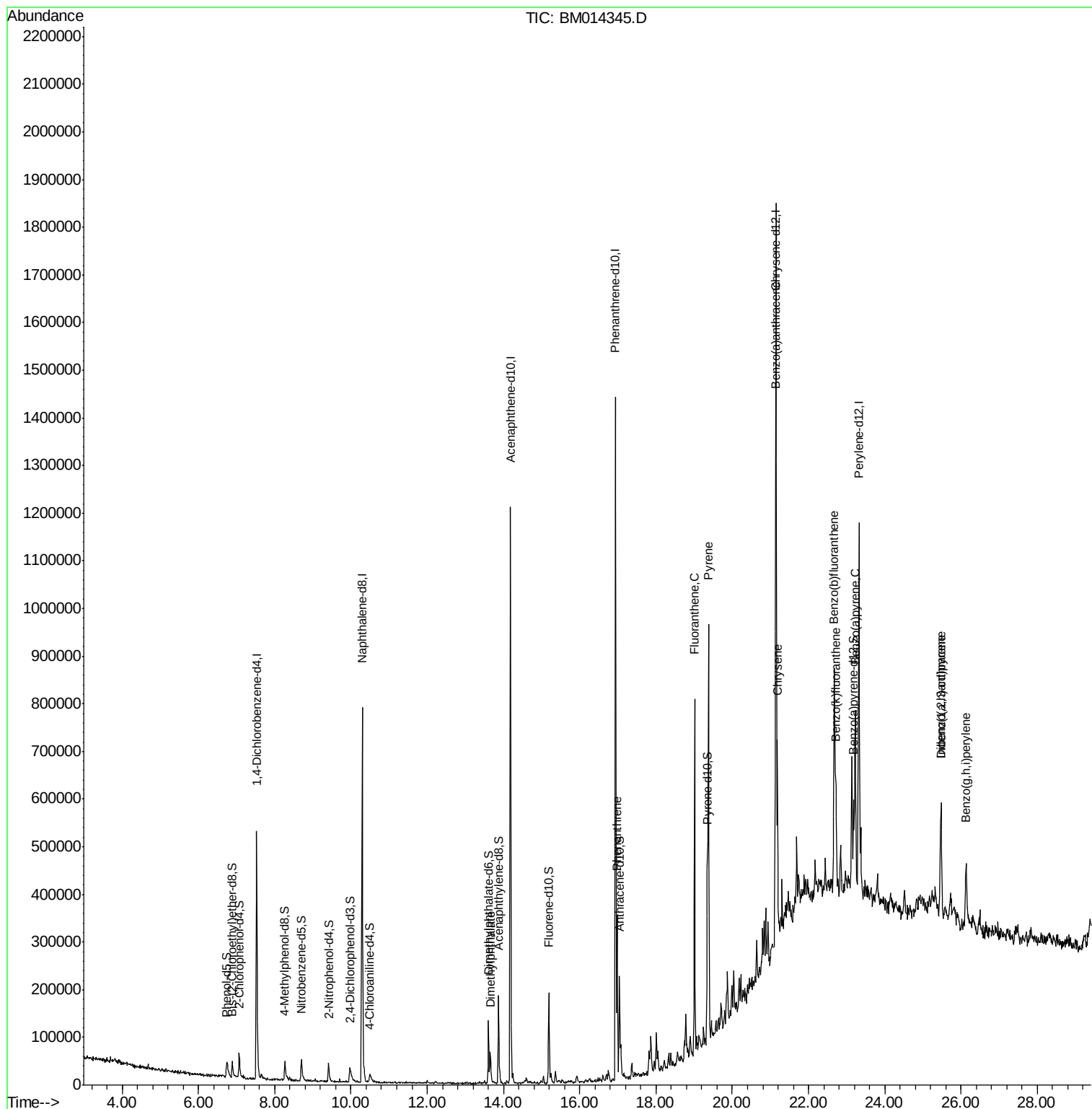
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

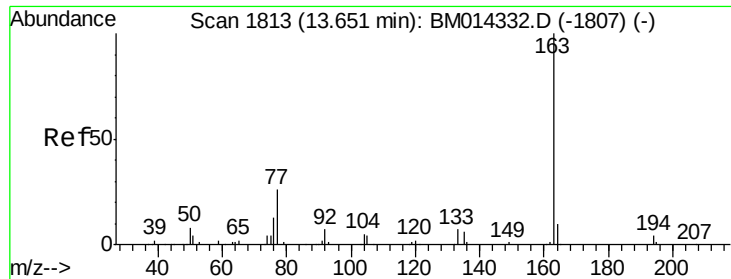
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Feb 24 01:46:25 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
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#44

Dimethylphthalate

Concen: 1.431 ng/ul

RT: 13.66 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BM014345.D

Acq: 23 Feb 2018 23:43

Instrument :

BNA_M

ClientSampleId :

BE5Z0

Tot Ion:163 Resp: 41618

Ion Ratio Lower Upper

163 100

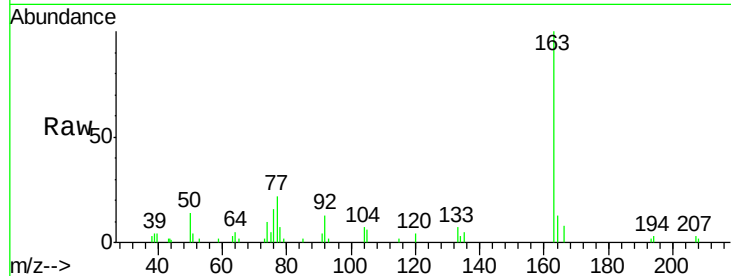
194 2.7 3.5 5.3#

164 12.6 8.2 12.4#

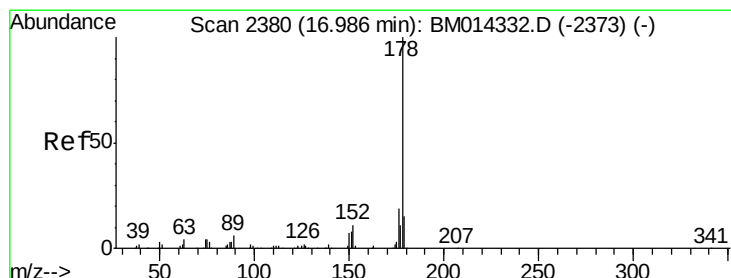
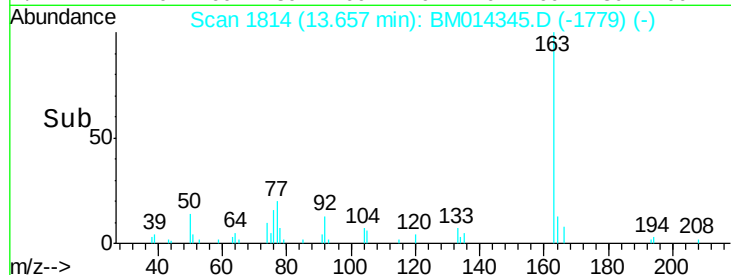
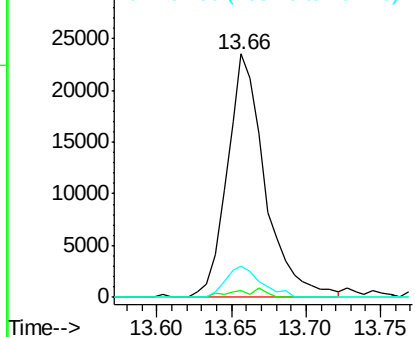
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 4.434 ng/ul

RT: 16.98 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BM014345.D

Acq: 23 Feb 2018 23:43

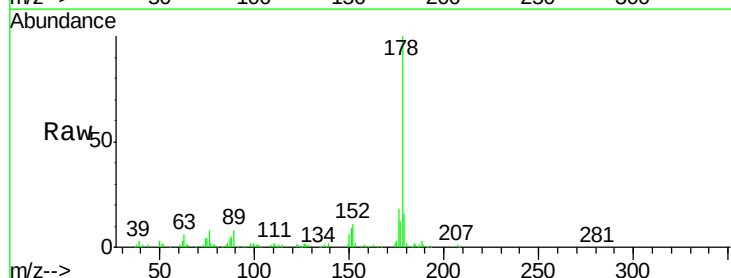
Tgt Ion:178 Resp: 188844

Ion Ratio Lower Upper

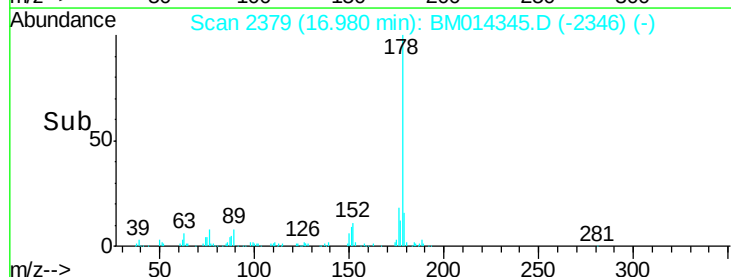
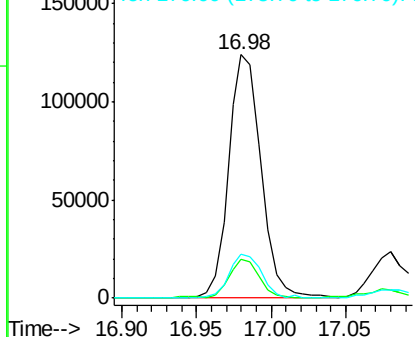
178 100

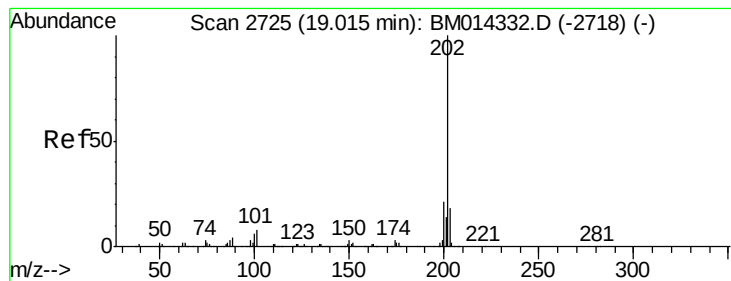
179 16.2 12.6 19.0

176 17.9 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





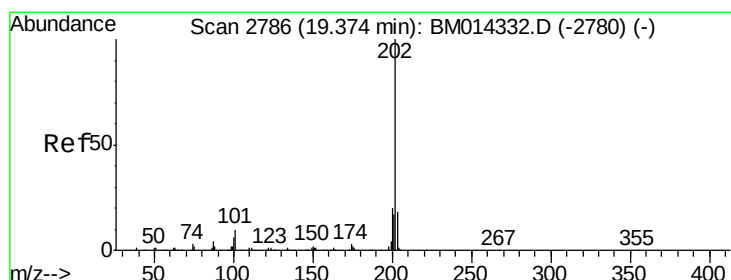
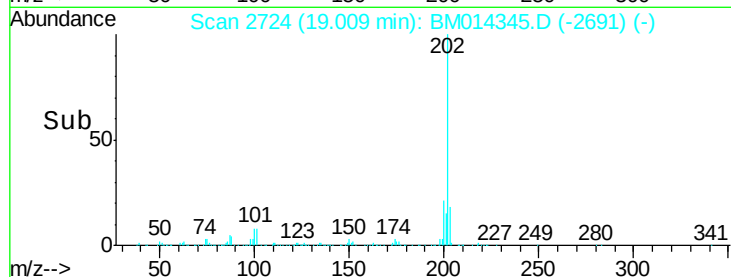
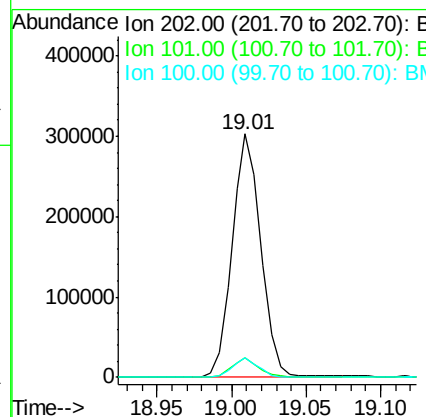
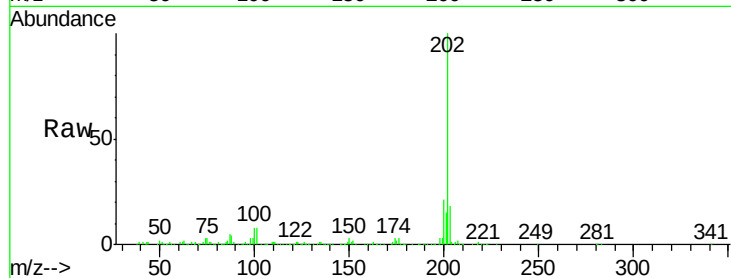
#74
 Fluoranthene
 Concen: 8.039 ng/ul
 RT: 19.01 min Scan# 2724
 Delta R.T. -0.01 min
 Lab File: BM014345.D
 Acq: 23 Feb 2018 23:43

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z0

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.0	4.6	7.0#
100	8.2	3.4	5.2#

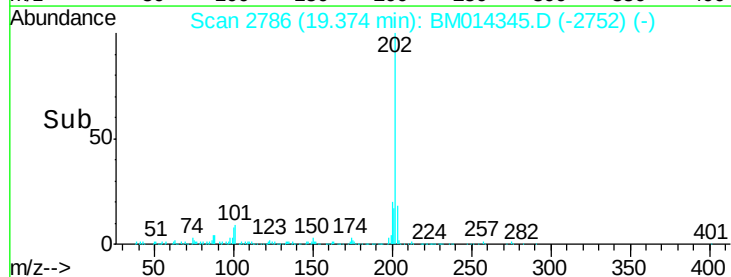
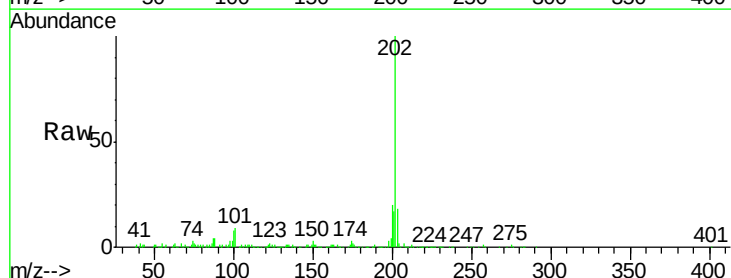
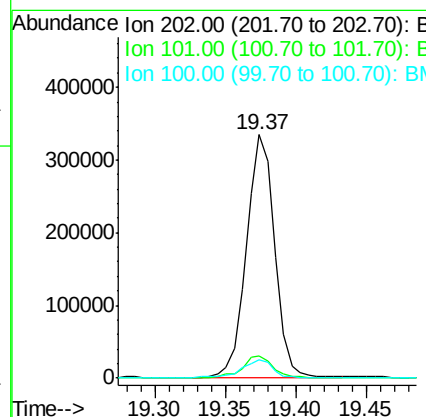
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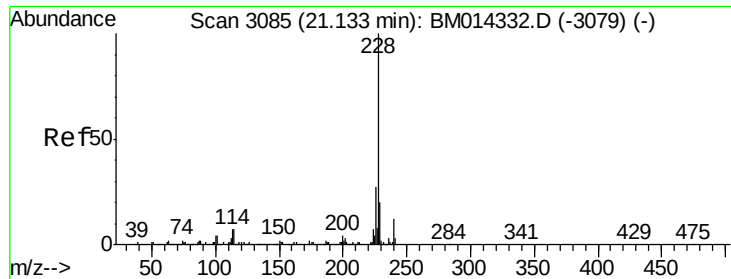
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#77
 Pyrene
 Concen: 11.271 ng/ul
 RT: 19.37 min Scan# 2786
 Delta R.T. -0.00 min
 Lab File: BM014345.D
 Acq: 23 Feb 2018 23:43

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.3	5.1	7.7#
100	7.5	4.9	7.3#





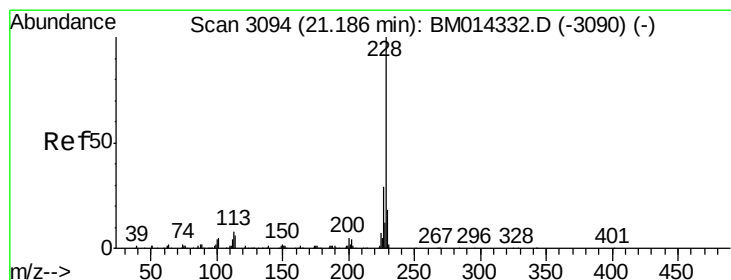
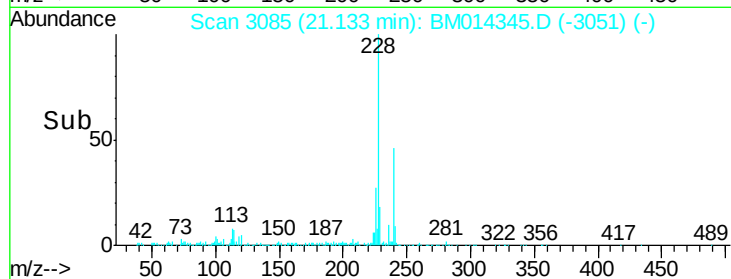
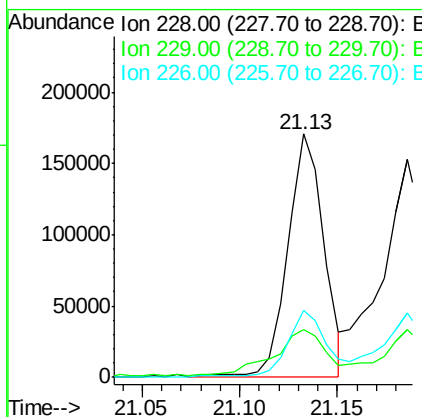
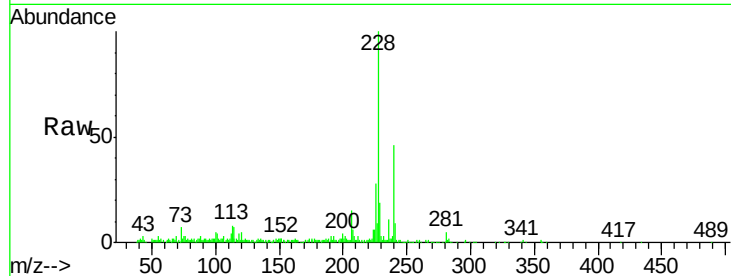
#80
Benzo(a)anthracene
Concen: 5.522 ng/ul
RT: 21.13 min Scan# 3085
Delta R.T. -0.00 min
Lab File: BM014345.D
Acq: 23 Feb 2018 23:43

Instrument :
BNA_M
ClientSampled :
BE5Z0

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.4	23.0
226	27.5	21.4	32.0

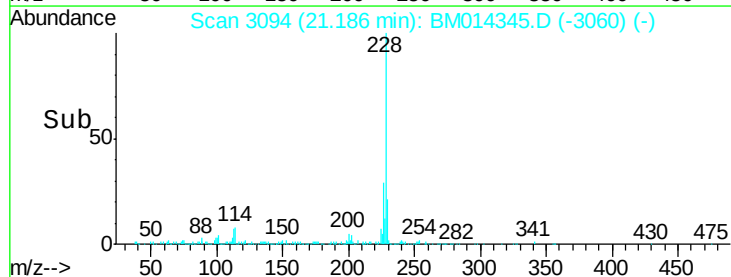
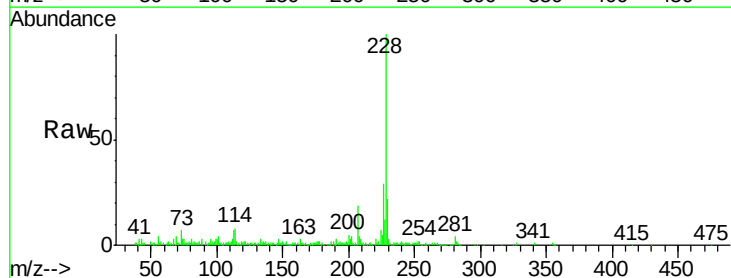
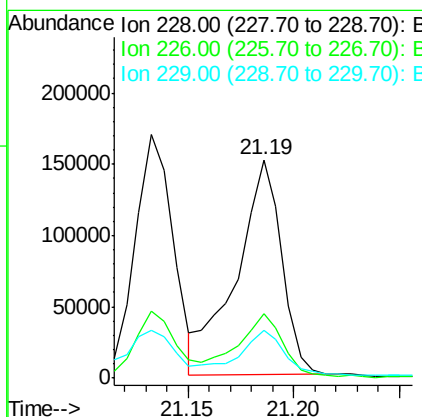
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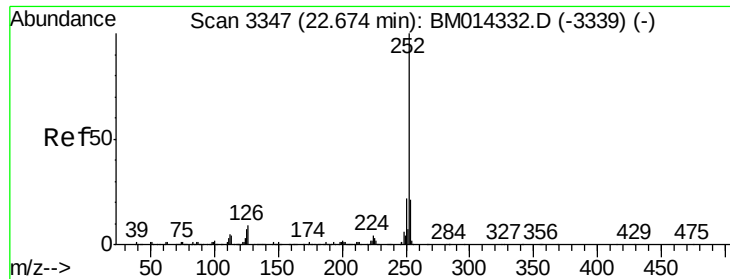
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#82
Chrysene
Concen: 6.178 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BM014345.D
Acq: 23 Feb 2018 23:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	22.0	15.5	23.3





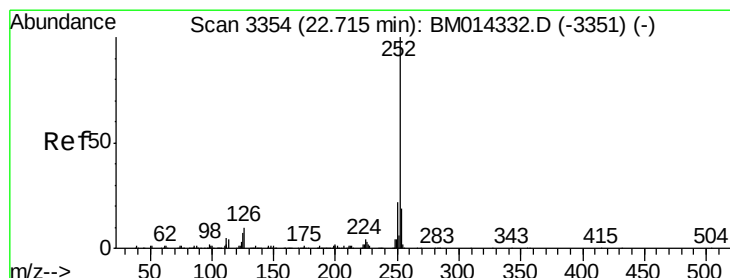
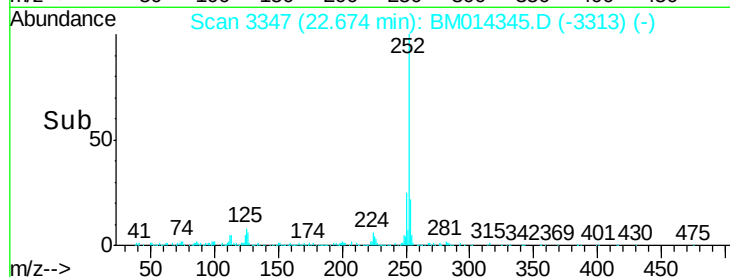
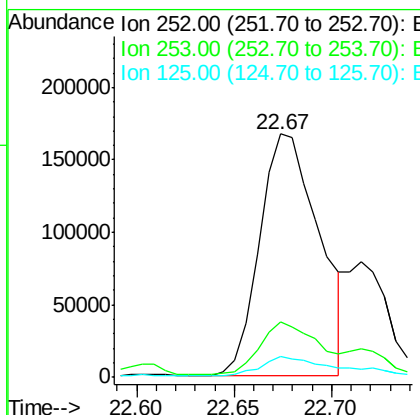
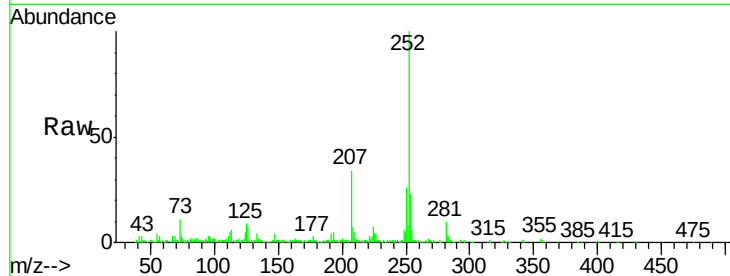
#85
Benzo(b)fluoranthene
Concen: 9.937 ng/ul
RT: 22.67 min Scan# 3347
Delta R.T. -0.00 min
Lab File: BM014345.D
Acq: 23 Feb 2018 23:43

Instrument :
BNA_M
ClientSampled :
BE5Z0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	8.6	3.6	5.4

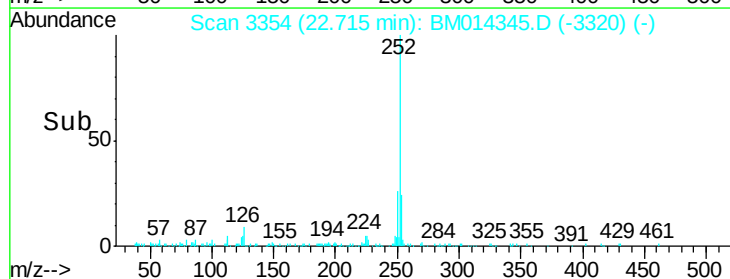
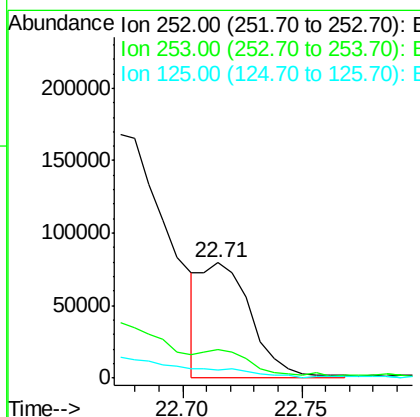
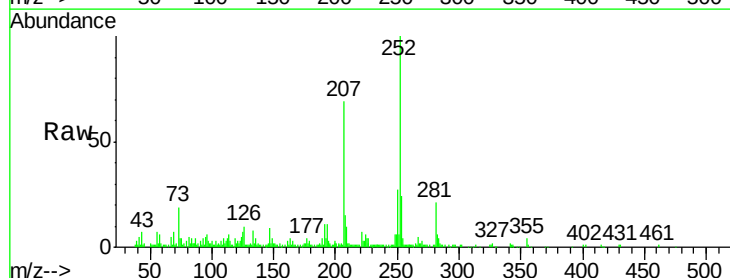
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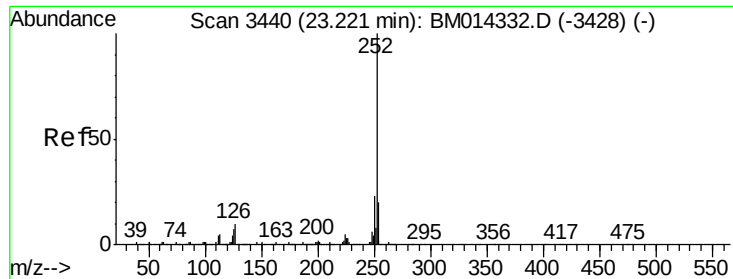
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#86
Benzo(k)fluoranthene
Concen: 3.460 ng/ul m
RT: 22.71 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BM014345.D
Acq: 23 Feb 2018 23:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	6.6	3.4	5.2





#88

Benzo(a)pyrene

Concen: 8.222 ng/ul

RT: 23.23 min Scan# 3441

Delta R.T. 0.01 min

Lab File: BM014345.D

Acq: 23 Feb 2018 23:43

Instrument :

BNA_M

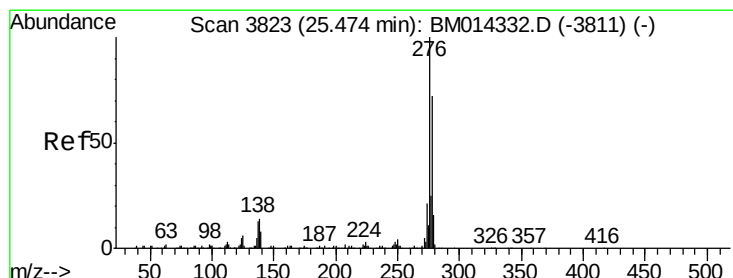
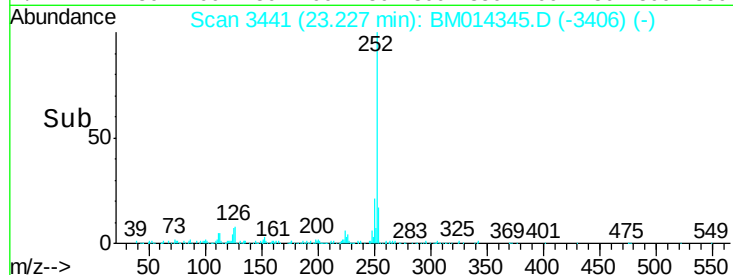
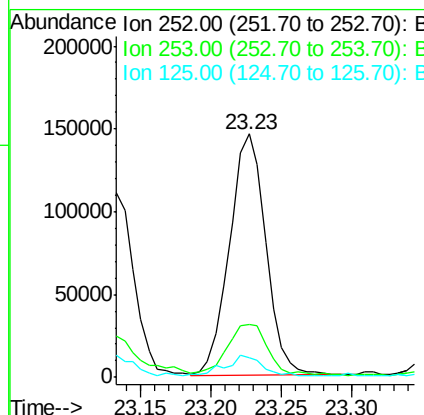
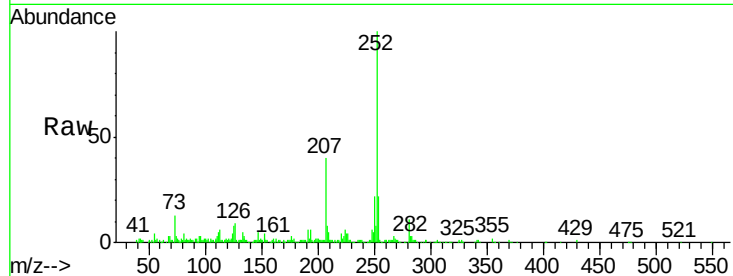
ClientSampleId :

BE5Z0

Tot Ion:	252	Resp:	261537
Ion Ratio		Lower	Upper
252	100		
253	21.5	18.2	27.2
125	8.0	4.0	6.0#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 6.277 ng/ul

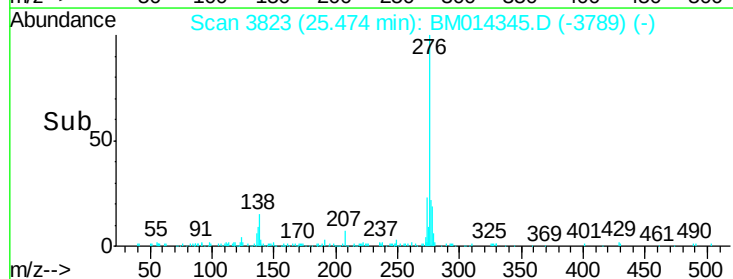
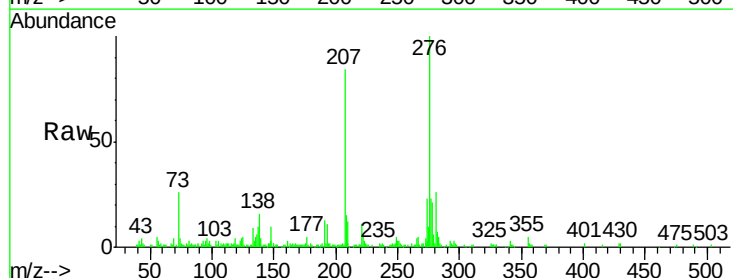
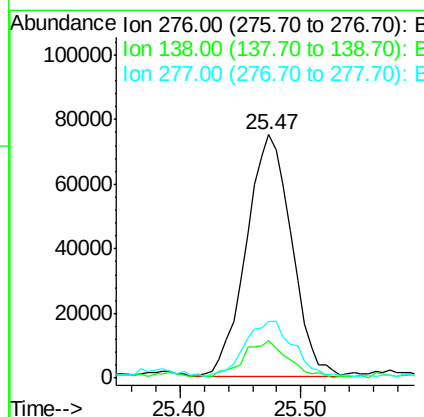
RT: 25.47 min Scan# 3823

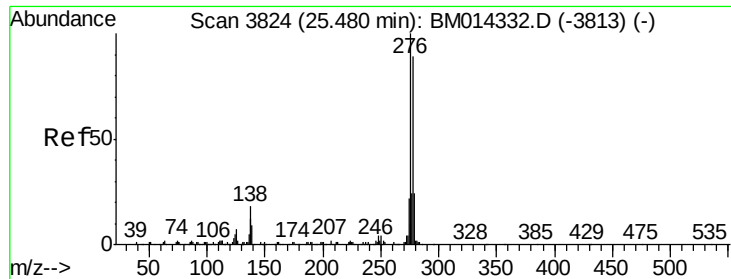
Delta R.T. -0.00 min

Lab File: BM014345.D

Acq: 23 Feb 2018 23:43

Tgt Ion:	276	Resp:	193746
Ion Ratio		Lower	Upper
276	100		
138	15.6	9.3	13.9#
277	23.3	19.9	29.9





#90

Dibenzo(a,h)anthracene

Concen: 1.894 ng/ul

RT: 25.47 min Scan# 3822

Delta R.T. -0.01 min

Lab File: BM014345.D

Acq: 23 Feb 2018 23:43

Instrument :

BNA_M

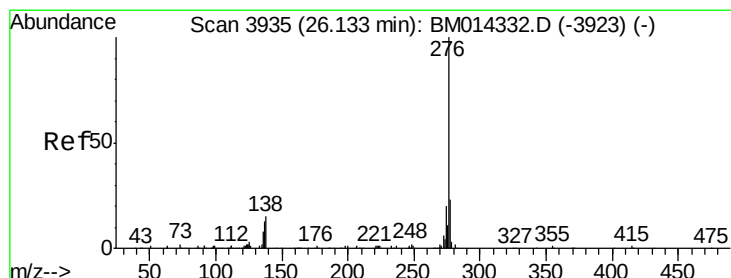
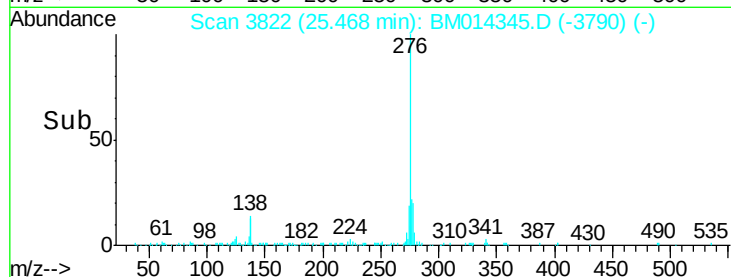
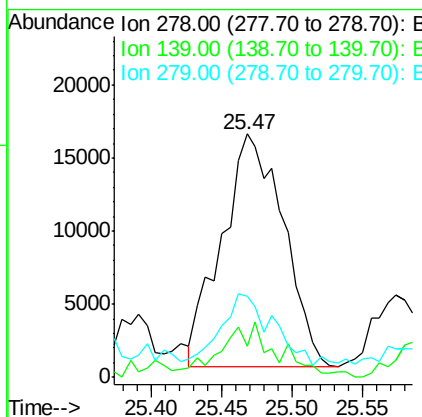
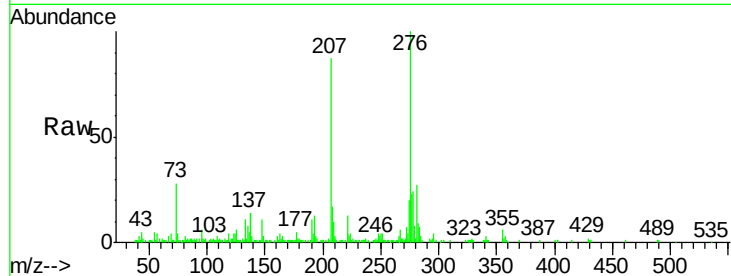
ClientSampled :

BE5Z0

Tot Ion:	278	Resp:	48567
Ion Ratio	Lower	Upper	
278	100		
139	12.7	5.8	8.8#
279	33.4	18.6	27.8#

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#91

Benzo(g,h,i)perylene

Concen: 5.810 ng/ul

RT: 26.13 min Scan# 3934

Delta R.T. -0.01 min

Lab File: BM014345.D

Acq: 23 Feb 2018 23:43

Tgt Ion:	276	Resp:	145287
Ion Ratio	Lower	Upper	
276	100		
138	14.2	8.5	12.7#
277	22.5	18.6	28.0

