

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
 Data File : BM014340.D
 Acq On : 23 Feb 2018 20:44
 Operator : SJ/JU
 Sample : J1631-01 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Y4

Manual Integrations
 APPROVED

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Quant Time: Feb 24 00:52:51 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	114113	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	516904	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	316521	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	685243	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	645169	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	526625	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	1416	0.53	ng/uL	0.00
5) Phenol-d5	6.76	99	10436m	1.08	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	6.89	67	7123m	1.22	ng/ul	0.01
9) 2-Chlorophenol-d4	7.08	132	10770m	1.46	ng/ul	0.02
13) 4-Methylphenol-d8	8.27	113	8486m	1.01	ng/ul	0.03
19) Nitrobenzene-d5	8.72	128	4395m	1.15	ng/ul	0.04
22) 2-Nitrophenol-d4	9.43	143	4765m	1.21	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.03	165	8421m	1.03	ng/ul	0.09
29) 4-Chloroaniline-d4	10.53	131	150	0.02	ng/ul	0.07
43) Dimethylphthalate-d6	13.61	166	44313	1.70	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	53943	1.67	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.19	176	41277	1.76	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.37	200	1799	0.44	ng/ul	0.04
70) Anthracene-d10	17.04	188	64117	1.94	ng/ul	0.00
76) Pyrene-d10	19.34	212	72420	2.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	57611	2.25	ng/ul	0.00

Target Compounds

					Ovalue	
69) Phenanthrene	16.99	178	98448	2.494	ng/ul	96
74) Fluoranthene	19.01	202	186556	3.955	ng/ul#	92
77) Pyrene	19.38	202	163689	3.818	ng/ul#	97
80) Benzo(a)anthracene	21.13	228	87802	2.181	ng/ul	93
82) Chrysene	21.19	228	84425	2.248	ng/ul	99
85) Benzo(b)fluoranthene	22.68	252	102801	2.915	ng/ul#	97
88) Benzo(a)pyrene	23.23	252	63720	2.022	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	25.47	276	43961	1.438	ng/ul	98

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

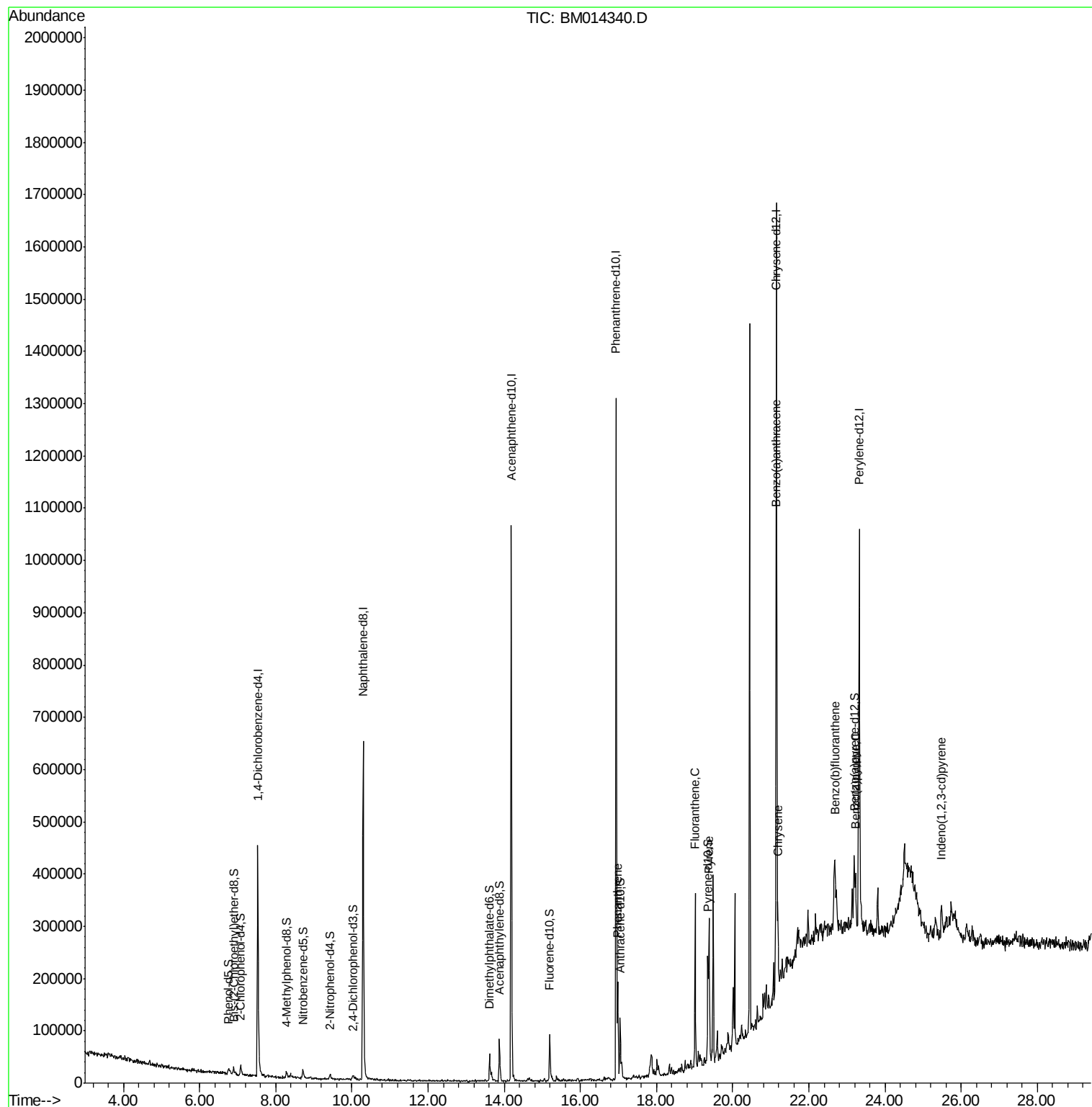
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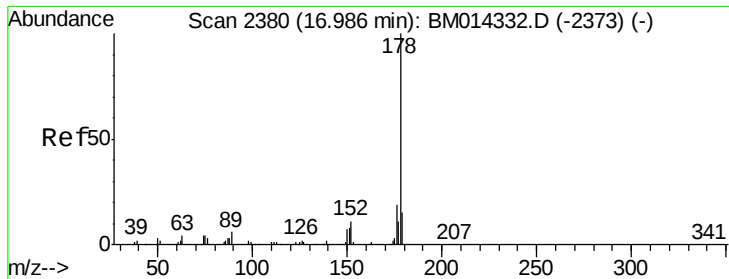
Instrument :
BNA_M
ClientSampleId :
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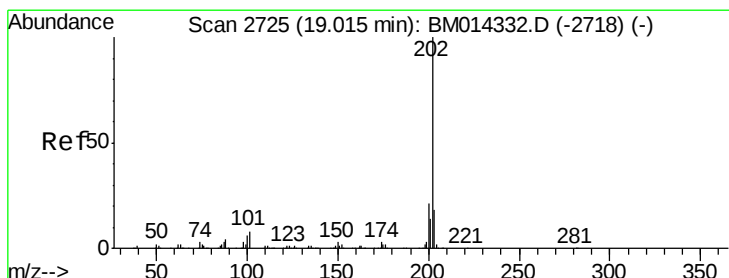
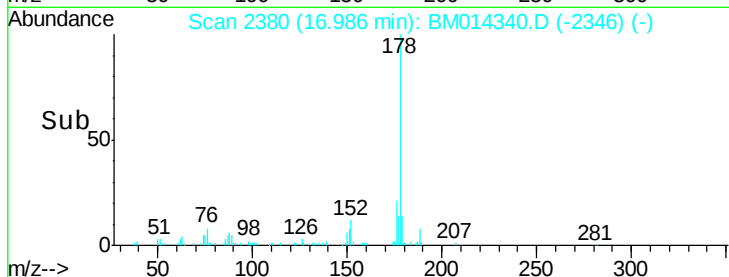
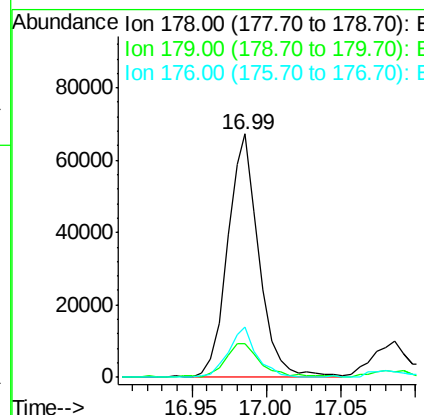
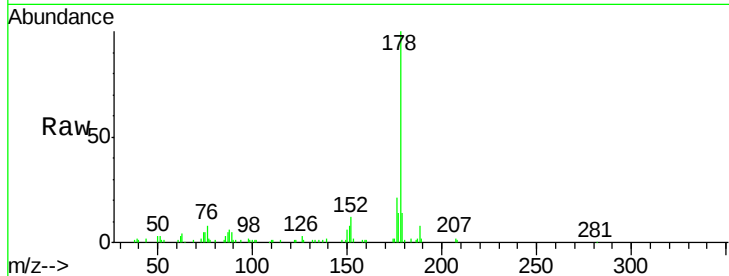
#69
Phenanthrene
Concen: 2.494 ng/ul
RT: 16.99 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BM014340.D
Acq: 23 Feb 2018 20:44

Instrument :
BNA_M
ClientSampleId :
BE5Y4

Tot Ion	Ratio	Lower	Upper
178	100		
179	13.8	12.6	19.0
176	20.5	14.9	22.3

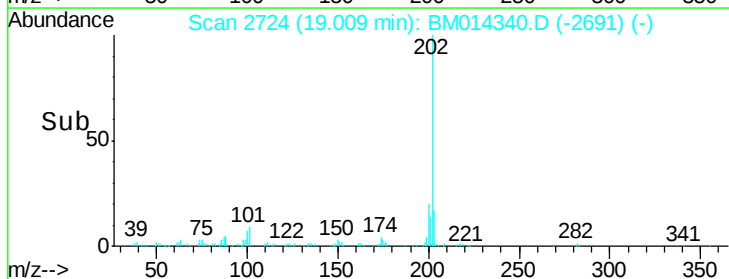
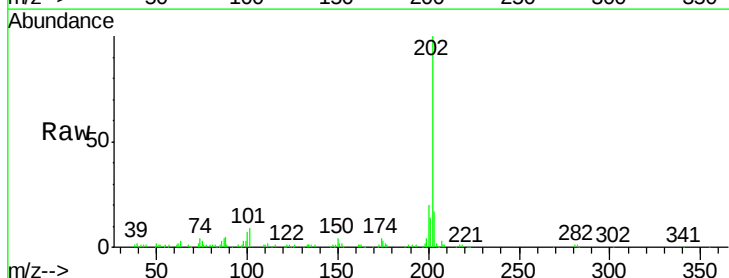
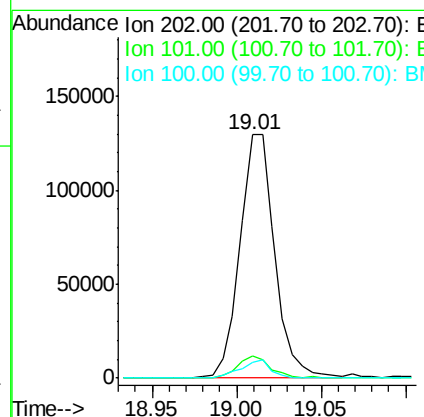
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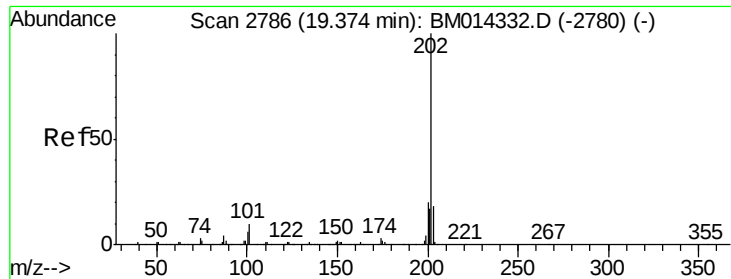
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#74
Fluoranthene
Concen: 3.955 ng/ul
RT: 19.01 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BM014340.D
Acq: 23 Feb 2018 20:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	4.6	7.0#
100	6.5	3.4	5.2#





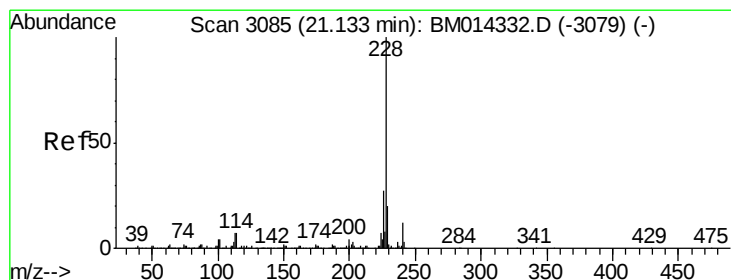
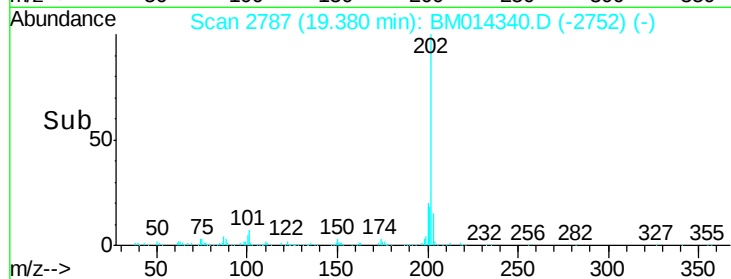
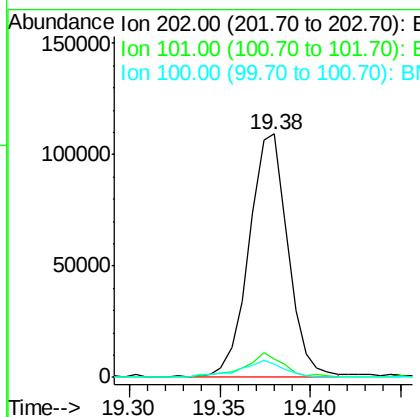
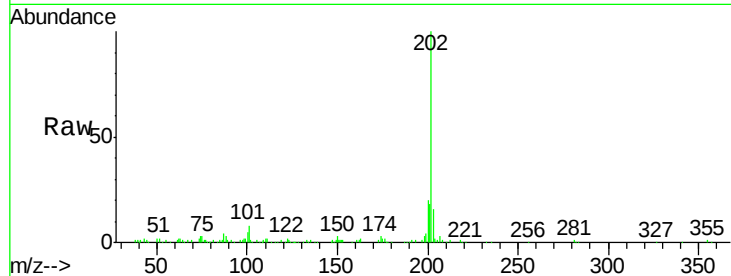
#77
Pvrene
Concen: 3.818 ng/ul
RT: 19.38 min Scan# 2787
Delta R.T. 0.01 min
Lab File: BM014340.D
Acq: 23 Feb 2018 20:44

Instrument :
BNA_M
ClientSampled :
BE5Y4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.7	5.1	7.7#
100	5.3	4.9	7.3

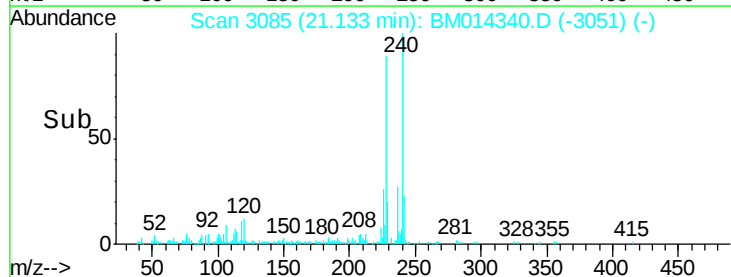
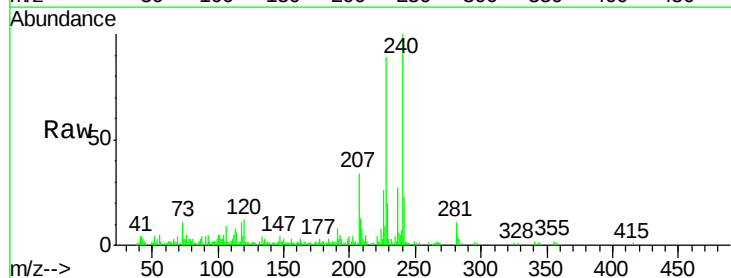
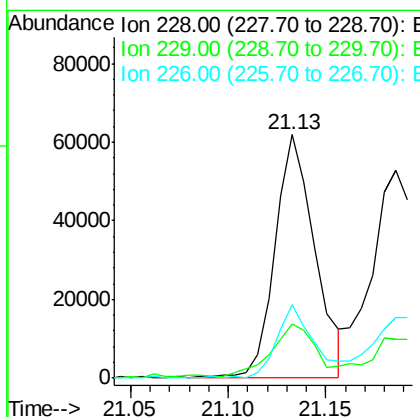
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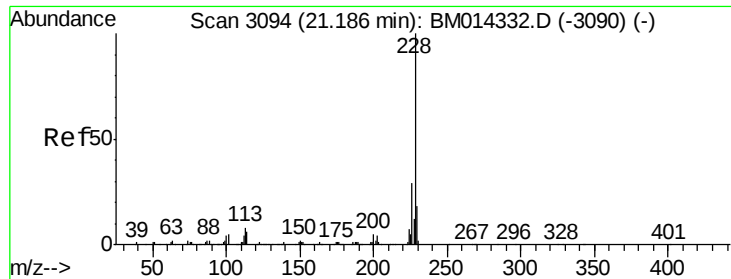
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#80
Benzo(a)anthracene
Concen: 2.181 ng/ul
RT: 21.13 min Scan# 3085
Delta R.T. -0.00 min
Lab File: BM014340.D
Acq: 23 Feb 2018 20:44

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.4	15.4	23.0
226	29.9	21.4	32.0





#82

Chrysene

Concen: 2.248 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM014340.D

Acq: 23 Feb 2018 20:44

Instrument :

BNA_M

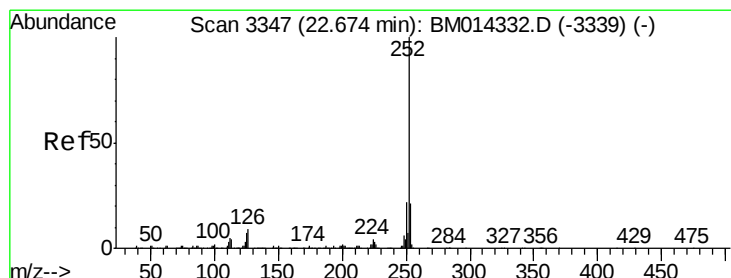
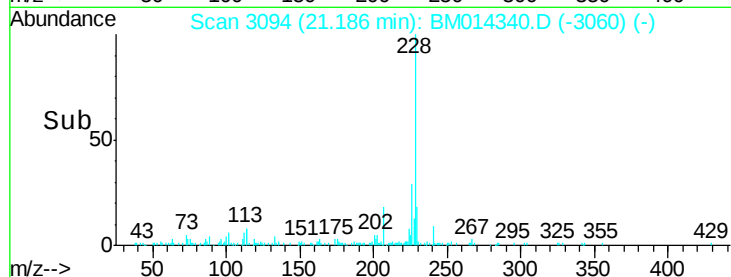
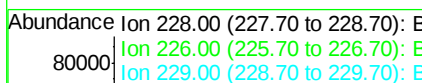
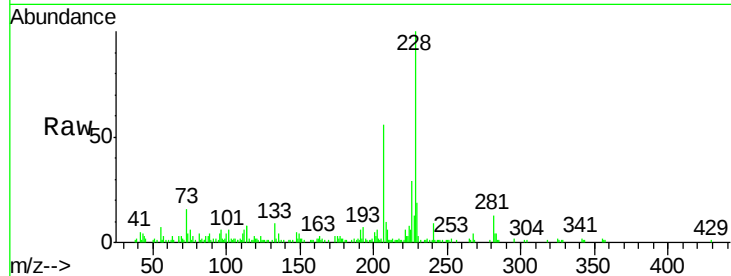
ClientSampled :

BE5Y4

Tot Ion:	228	Resp:	84425
Ion Ratio	Lower	Upper	
228	100		
226	28.9	23.4	35.2
229	19.0	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 2.915 ng/ul

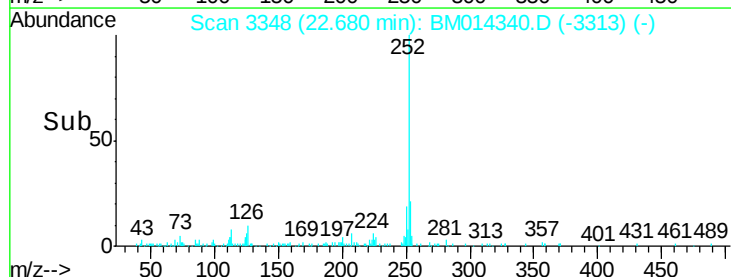
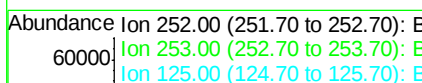
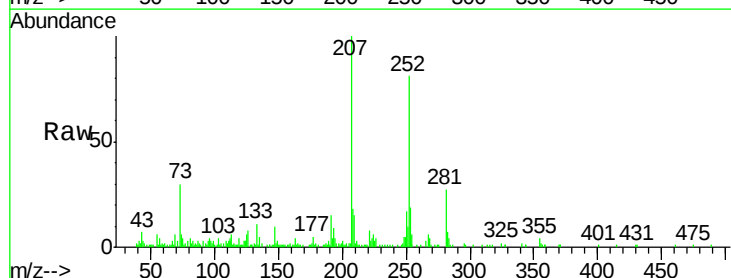
RT: 22.68 min Scan# 3348

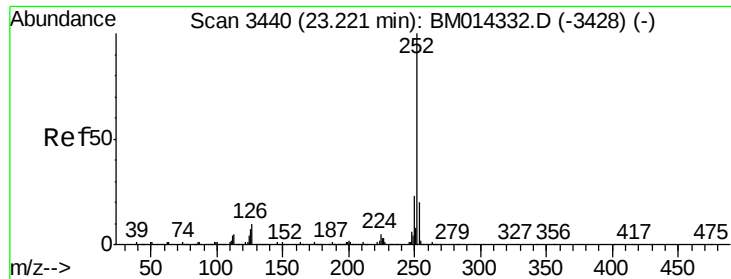
Delta R.T. 0.01 min

Lab File: BM014340.D

Acq: 23 Feb 2018 20:44

Tgt Ion:	252	Resp:	102801
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.9	26.9
125	7.6	3.6	5.4#





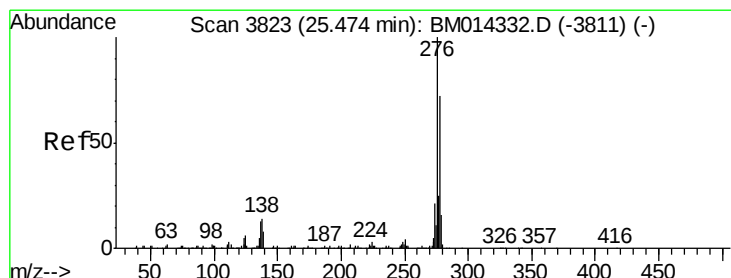
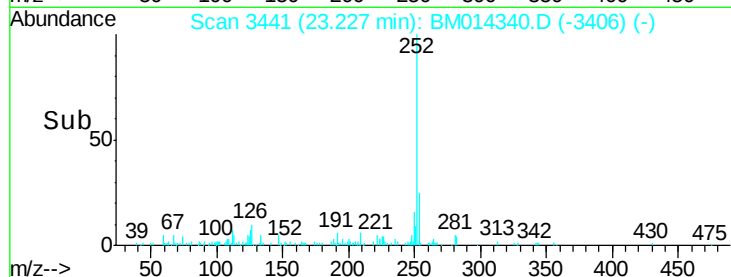
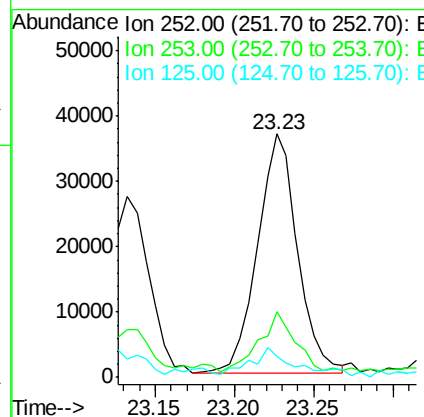
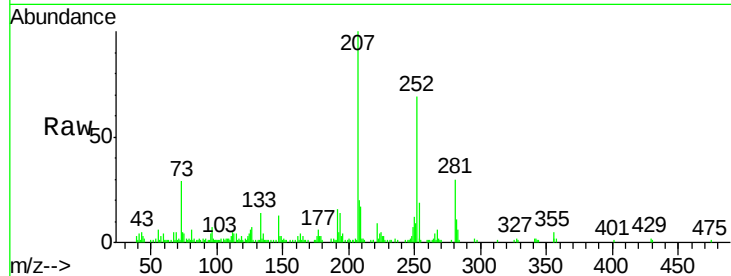
#88
Benzo(a)pyrene
Concen: 2.022 ng/ul
RT: 23.23 min Scan# 3441
Delta R.T. 0.01 min
Lab File: BM014340.D
Acq: 23 Feb 2018 20:44

Instrument :
BNA_M
ClientSampled :
BE5Y4

Tot Ion	Ratio	Resp	Lower	Upper
252	100	63720		
253	27.1	18.2	27.2	
125	8.4	4.0	6.0	

Manual Integrations
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#89
Indeno(1,2,3-cd)pyrene
Concen: 1.438 ng/ul
RT: 25.47 min Scan# 3823
Delta R.T. -0.00 min
Lab File: BM014340.D
Acq: 23 Feb 2018 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	43961		
138	12.6	9.3	13.9	
277	25.9	19.9	29.9	

