

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112817\
 Data File : BM013144.D
 Acq On : 28 Nov 2017 19:44
 Operator : SJ/JU
 Sample : I6556-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0GE1

Manual Integrations
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Quant Time: Nov 29 04:39:13 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 29 03:43:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	231057	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1032182	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	633132	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1469095	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1395062	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1027214	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	13583m	2.72	ng/uL	0.00
5) Phenol-d5	6.89	99	286013	14.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	182714	16.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	243129	15.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	249221	15.20	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	135813	18.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	144147	20.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	257816	14.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	334369	18.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	932578	16.79	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1099898	15.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	108303	12.86	ng/ul	0.00
57) Fluorene-d10	15.34	176	791032	16.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	107918	16.94	ng/ul	0.00
70) Anthracene-d10	17.19	188	1213707	16.14	ng/ul	0.00
76) Pyrene-d10	19.49	212	1259984	17.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	862169	16.55	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.91	94	25370	1.284	ng/ul	92
69) Phenanthrene	17.13	178	508096	6.149	ng/ul	99
74) Fluoranthene	19.15	202	729088	7.300	ng/ul#	94
77) Pyrene	19.52	202	642065	7.391	ng/ul#	94
80) Benzo(a)anthracene	21.26	228	198345	2.222	ng/ul	94
82) Chrysene	21.31	228	308803	3.730	ng/ul	98
85) Benzo(b)fluoranthene	22.84	252	280440	4.225	ng/ul#	97
86) Benzo(k)fluoranthene	22.87	252	107775m	1.763	ng/ul	
88) Benzo(a)pyrene	23.40	252	154925	2.506	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.73	276	104013	1.440	ng/ul#	92
91) Benzo(g,h,i)perylene	26.41	276	90671	1.511	ng/ul#	92

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

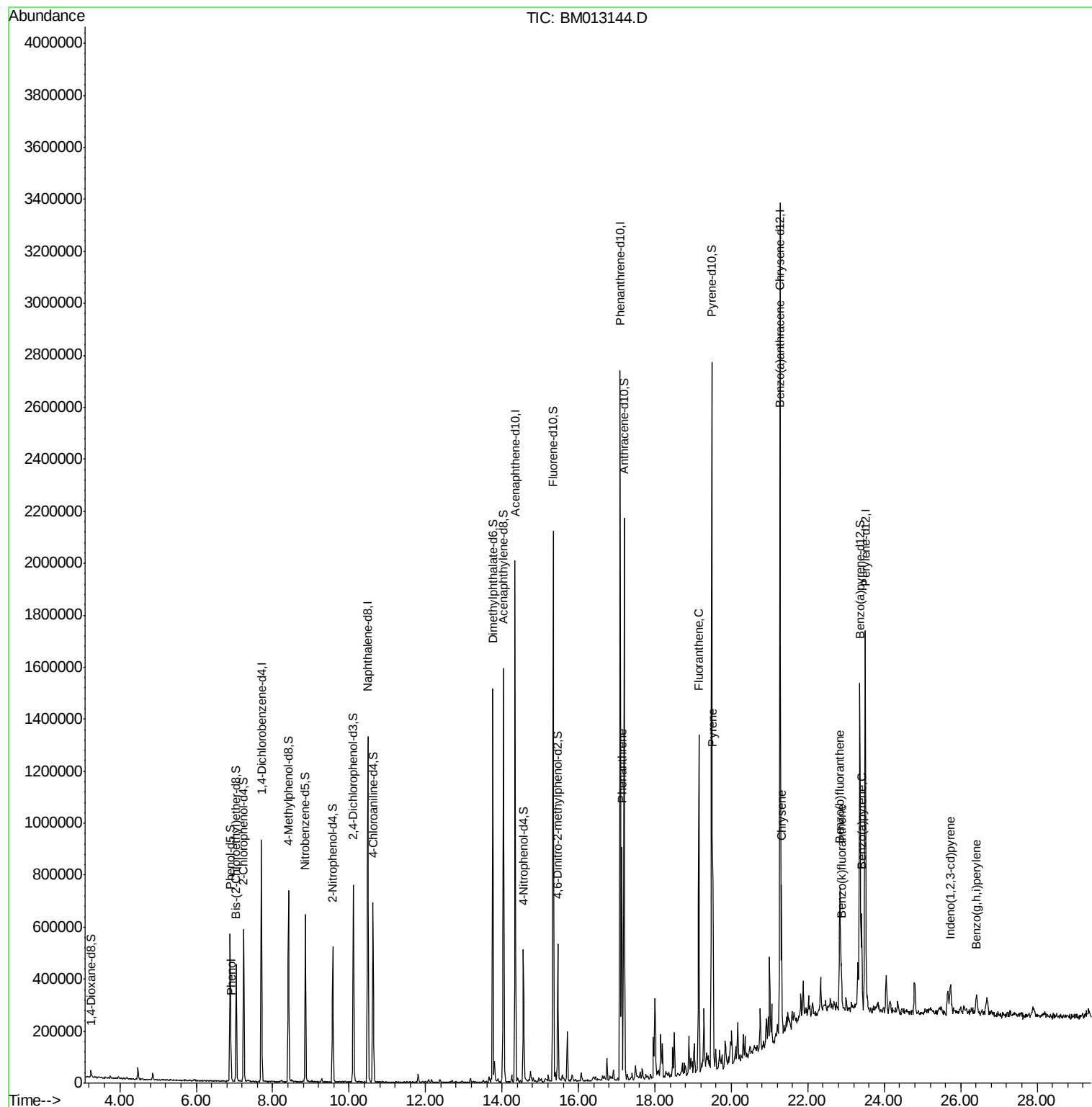
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112817\
Data File : BM013144.D
Acq On : 28 Nov 2017 19:44
Operator : SJ/JU
Sample : I6556-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

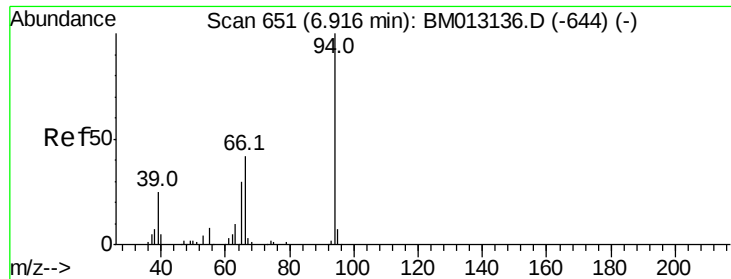
Instrument :
BNA_M
ClientSampleId :
B0GE1

Quant Time: Nov 29 04:39:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 29 03:43:23 2017
Response via : Initial Calibration

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#6

Phenol

Concen: 1.284 ng/ul

RT: 6.91 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM013144.D

Acq: 28 Nov 2017 19:44

Instrument :

BNA_M

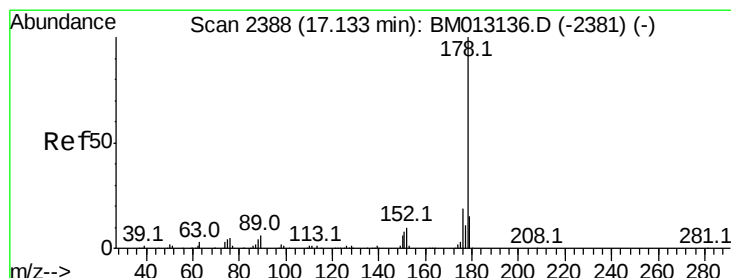
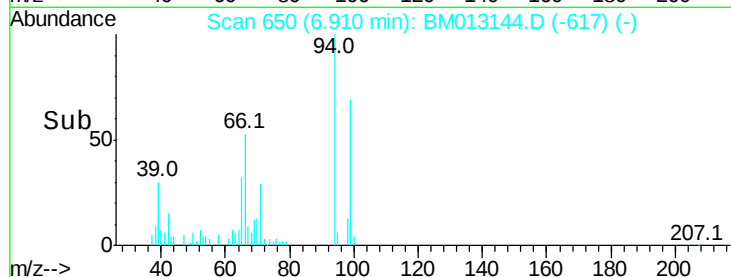
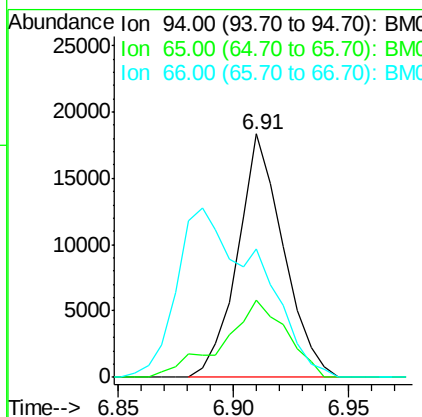
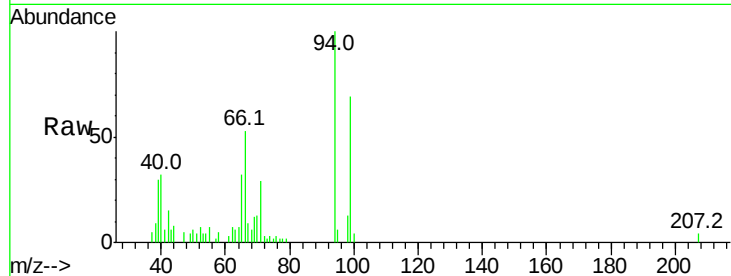
ClientSampled :

B0GE1

Tot Ion:	94	Resp:	25370
Ion Ratio	Lower	Upper	
94	100		
65	31.6	28.2	42.4
66	52.6	47.2	70.8

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#69

Phenanthrene

Concen: 6.149 ng/ul

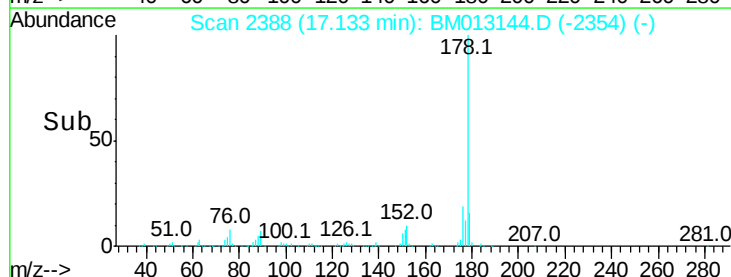
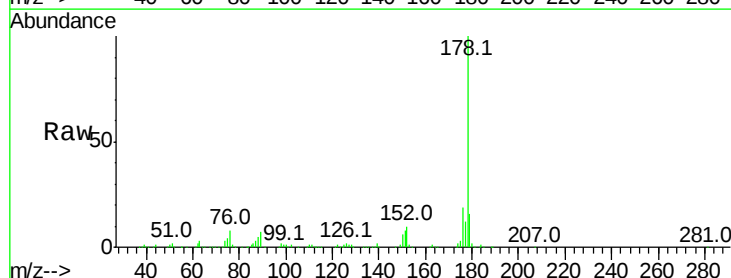
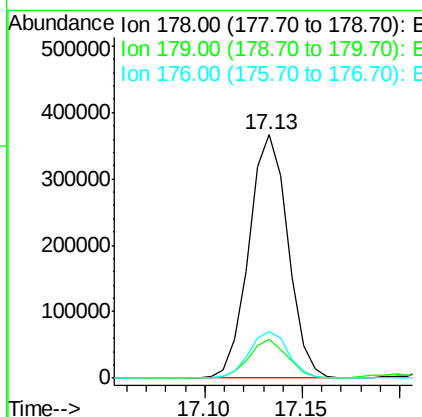
RT: 17.13 min Scan# 2388

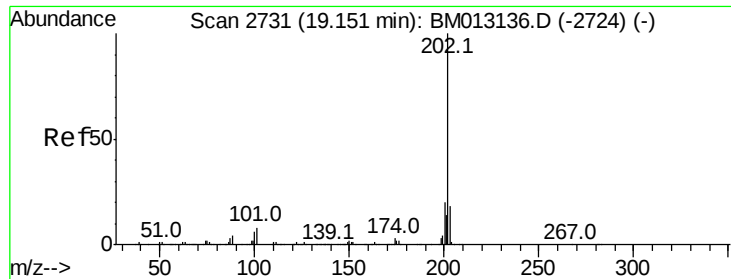
Delta R.T. -0.00 min

Lab File: BM013144.D

Acq: 28 Nov 2017 19:44

Tgt Ion:	178	Resp:	508096
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.6	19.0
176	19.1	14.9	22.3





#74

Fluoranthene

Concen: 7.300 ng/ul

RT: 19.15 min Scan# 2731

Delta R.T. -0.00 min

Lab File: BM013144.D

Acq: 28 Nov 2017 19:44

Instrument :

BNA_M

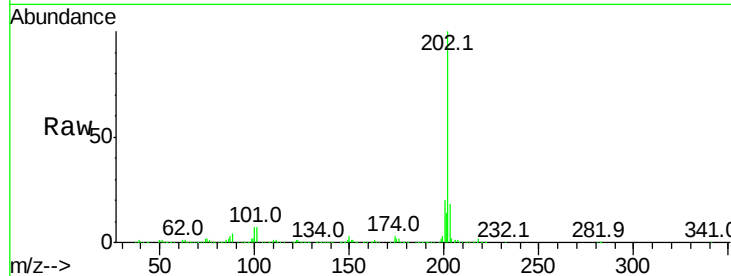
ClientSampleId :

B0GE1

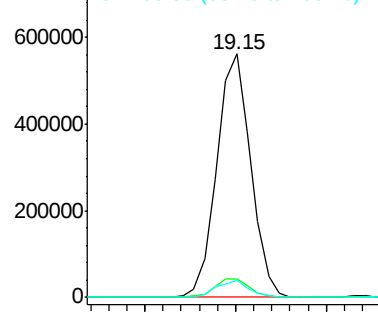
Tot Ion	Ratio	Resp	Lower	Upper
202	100	729088		
101	7.4	4.6	7.0#	
100	7.0	3.4	5.2#	

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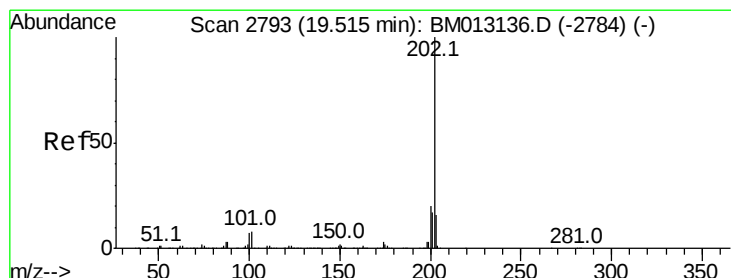
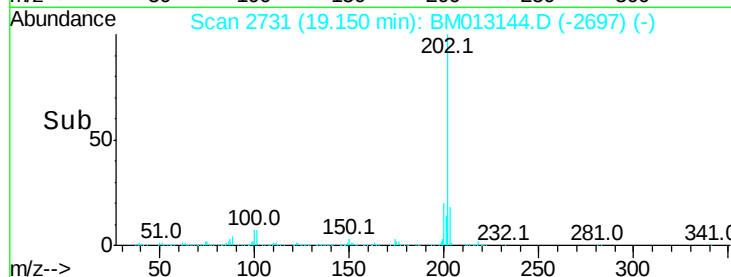
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->



#77

Pyrene

Concen: 7.391 ng/ul

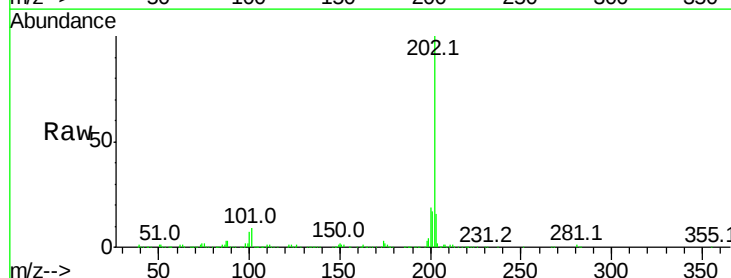
RT: 19.52 min Scan# 2793

Delta R.T. -0.00 min

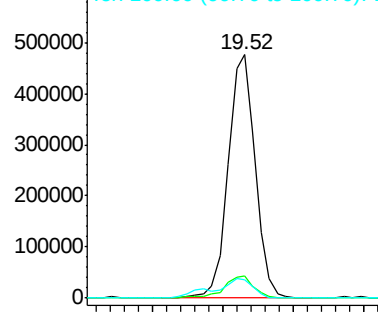
Lab File: BM013144.D

Acq: 28 Nov 2017 19:44

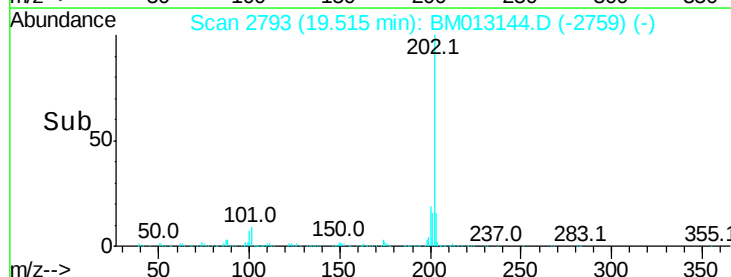
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	642065		
101	9.3	5.1	7.7#	
100	7.4	4.9	7.3#	

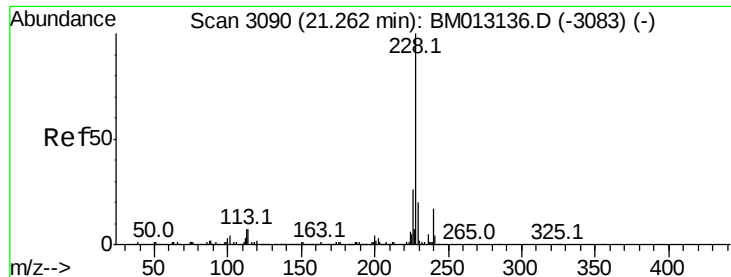


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





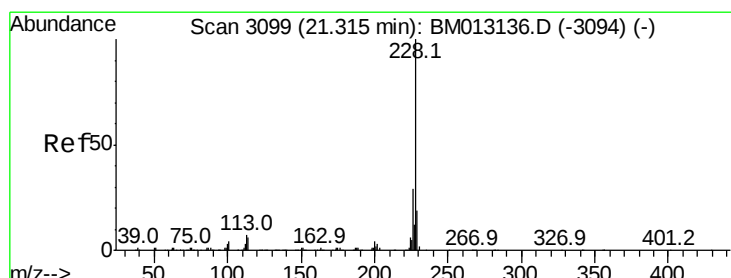
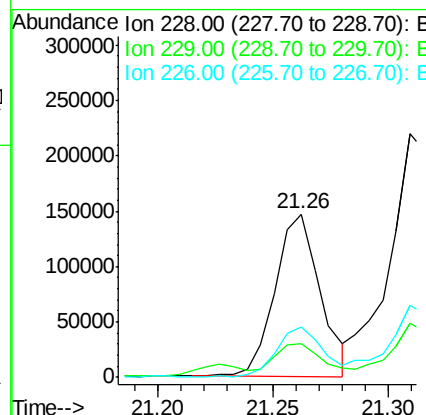
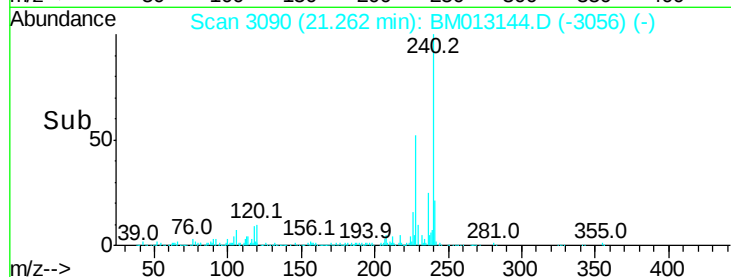
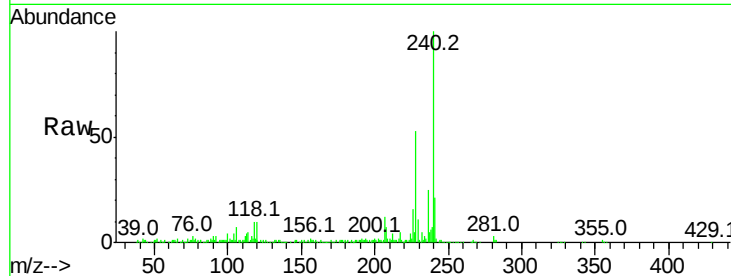
#80
Benzo(a)anthracene
Concen: 2.222 ng/ul
RT: 21.26 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BM013144.D
Acq: 28 Nov 2017 19:44

Instrument :
BNA_M
ClientSampled :
B0GE1

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.0
226	30.6	21.4	32.0

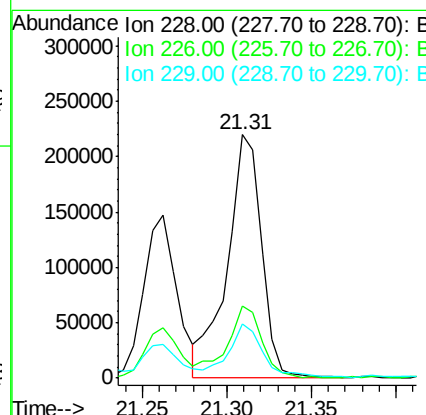
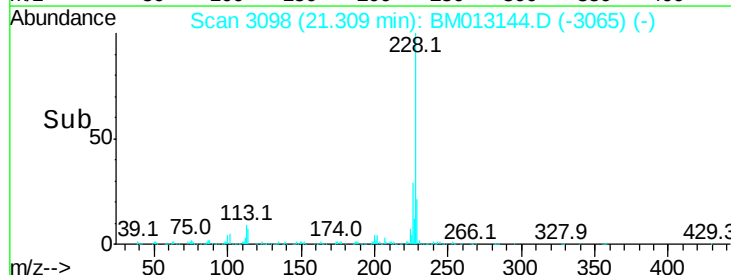
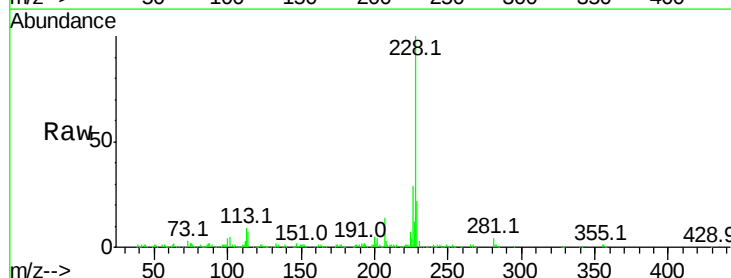
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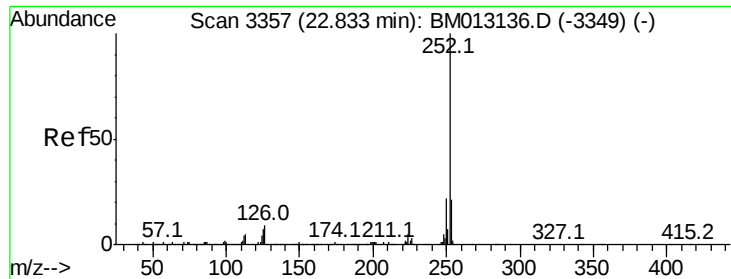
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#82
Chrysene
Concen: 3.730 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM013144.D
Acq: 28 Nov 2017 19:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	22.0	15.5	23.3





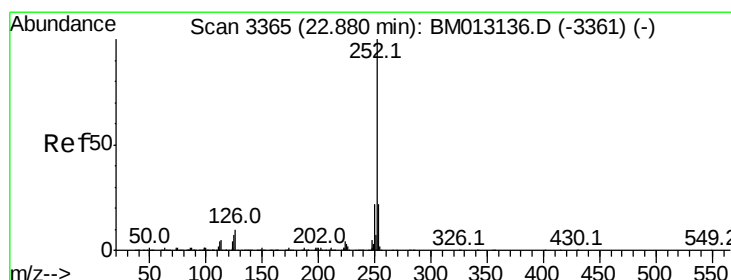
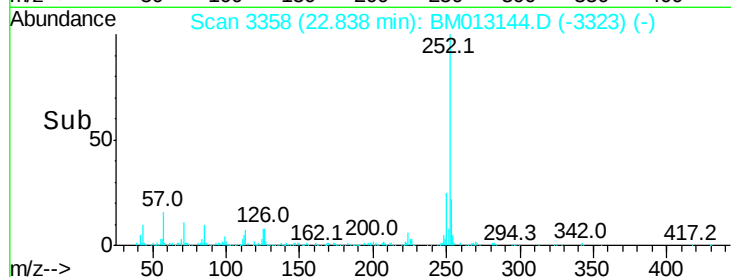
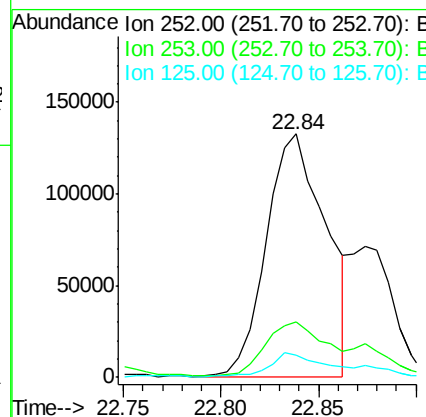
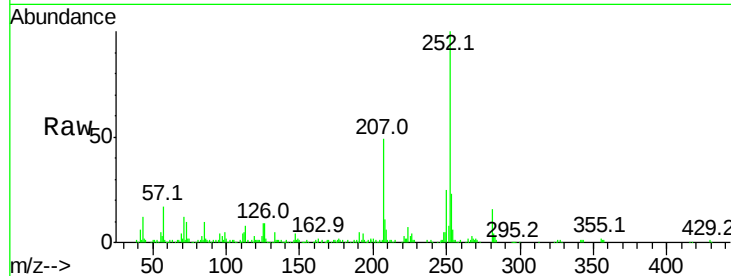
#85
Benzo(b)fluoranthene
Concen: 4.225 ng/ul
RT: 22.84 min Scan# 3358
Delta R.T. 0.01 min
Lab File: BM013144.D
Acq: 28 Nov 2017 19:44

Instrument :
BNA_M
ClientSampled :
B0GE1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	9.0	3.6	5.4

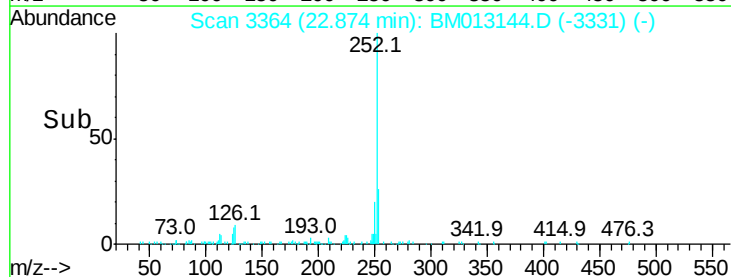
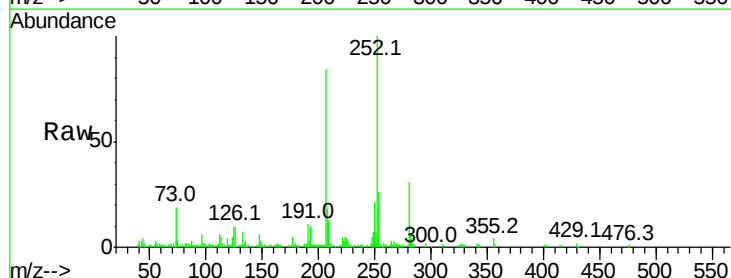
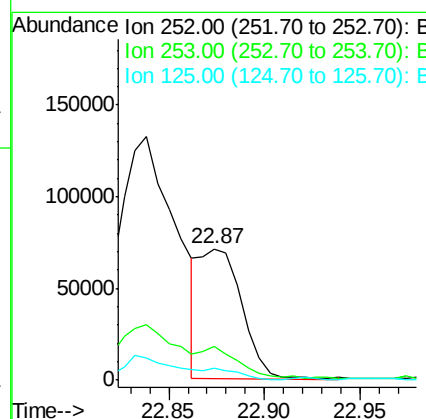
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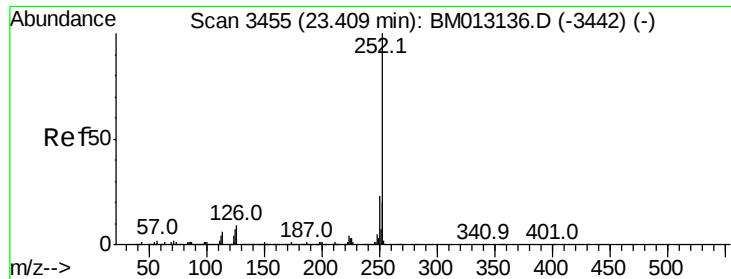
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#86
Benzo(k)fluoranthene
Concen: 1.763 ng/ul m
RT: 22.87 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BM013144.D
Acq: 28 Nov 2017 19:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.1	25.7
125	9.6	3.4	5.2





#88

Benzo(a)pyrene

Concen: 2.506 ng/ul

RT: 23.40 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BM013144.D

Acq: 28 Nov 2017 19:44

Instrument :

BNA_M

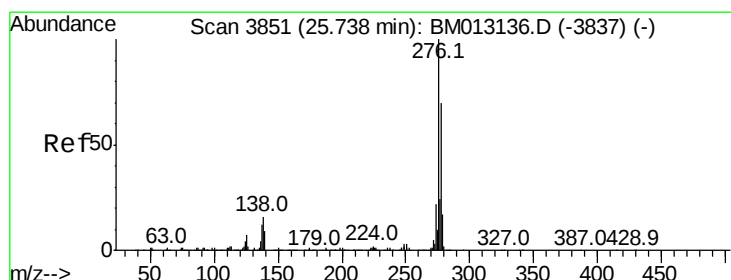
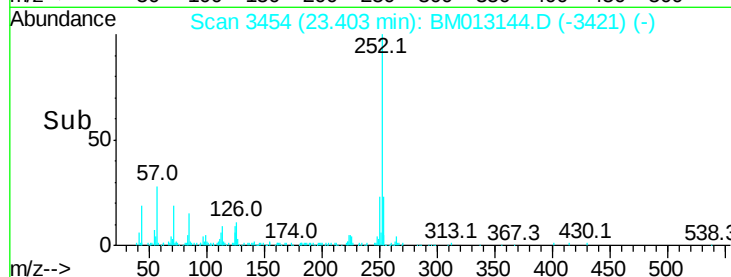
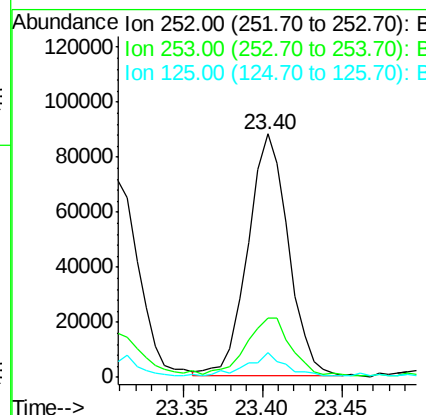
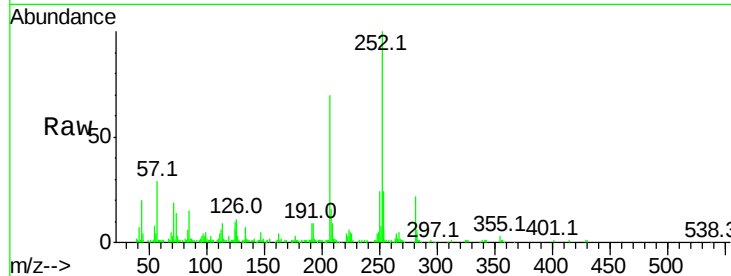
ClientSampleId :

B0GE1

Tot Ion:	252	Resp:	154925
Ion Ratio	Lower	Upper	
252	100		
253	24.5	18.2	27.2
125	10.0	4.0	6.0#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.440 ng/ul

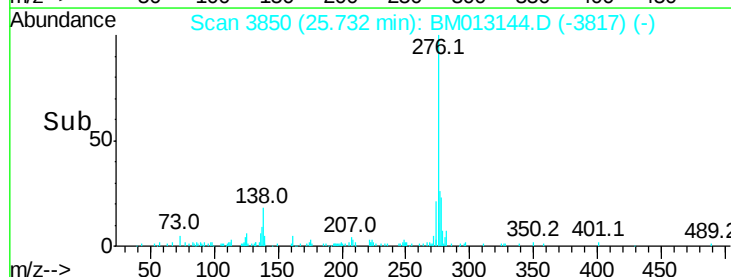
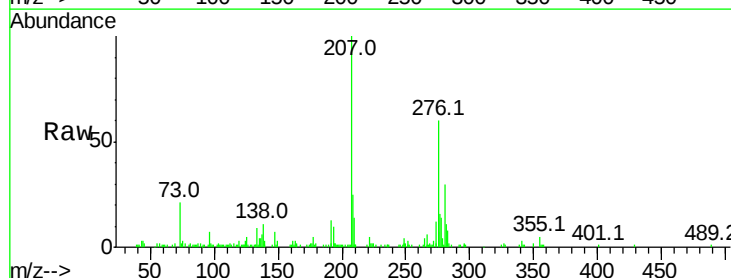
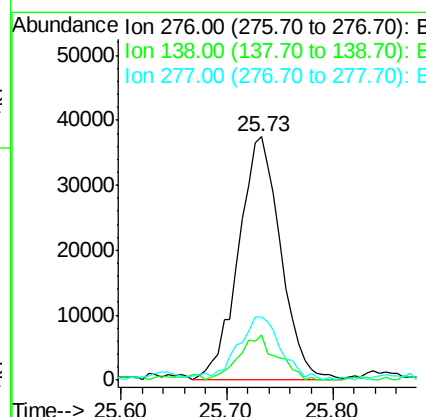
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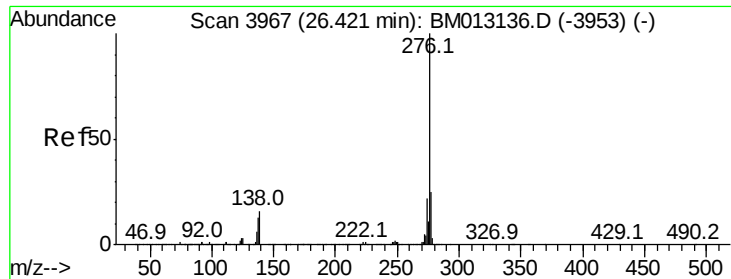
Delta R.T. -0.01 min

Lab File: BM013144.D

Acq: 28 Nov 2017 19:44

Tgt Ion:	276	Resp:	104013
Ion Ratio	Lower	Upper	
276	100		
138	18.8	9.3	13.9#
277	26.0	19.9	29.9





#91
 Benzo(a,h,i)perylene
 Concen: 1.511 ng/ul
 RT: 26.41 min Scan# 3966
 Delta R.T. -0.01 min
 Lab File: BM013144.D
 Acq: 28 Nov 2017 19:44

Instrument :
 BNA_M
 ClientSampleId :
 B0GE1

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.8	8.5	12.7#
277	25.0	18.6	28.0

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