

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102119\
 Data File : BM023315.D
 Acq On : 21 Oct 2019 16:55
 Operator : JU
 Sample : K5345-09DL 20X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 21 17:56:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 21 17:53:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	495048	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	2022591	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1292932	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2759592	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	3059331	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	3588750	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	1515	0.13	ng/uL	0.02
5) Phenol-d5	6.83	99	18203	0.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	12822	0.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	14963	0.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	14231	0.41	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	7632	0.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	7073	0.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	13161	0.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	18999	0.47	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	51147	0.52	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	51499	0.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	3045	0.19	ng/ul	0.00
58) Fluorene-d10	15.29	176	46037	0.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	2716	0.25	ng/ul	0.00
71) Anthracene-d10	17.13	188	84732	0.64	ng/ul	0.00
79) Pyrene-d10	19.43	212	88478	0.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	102610	0.56	ng/ul	0.00

Target Compounds

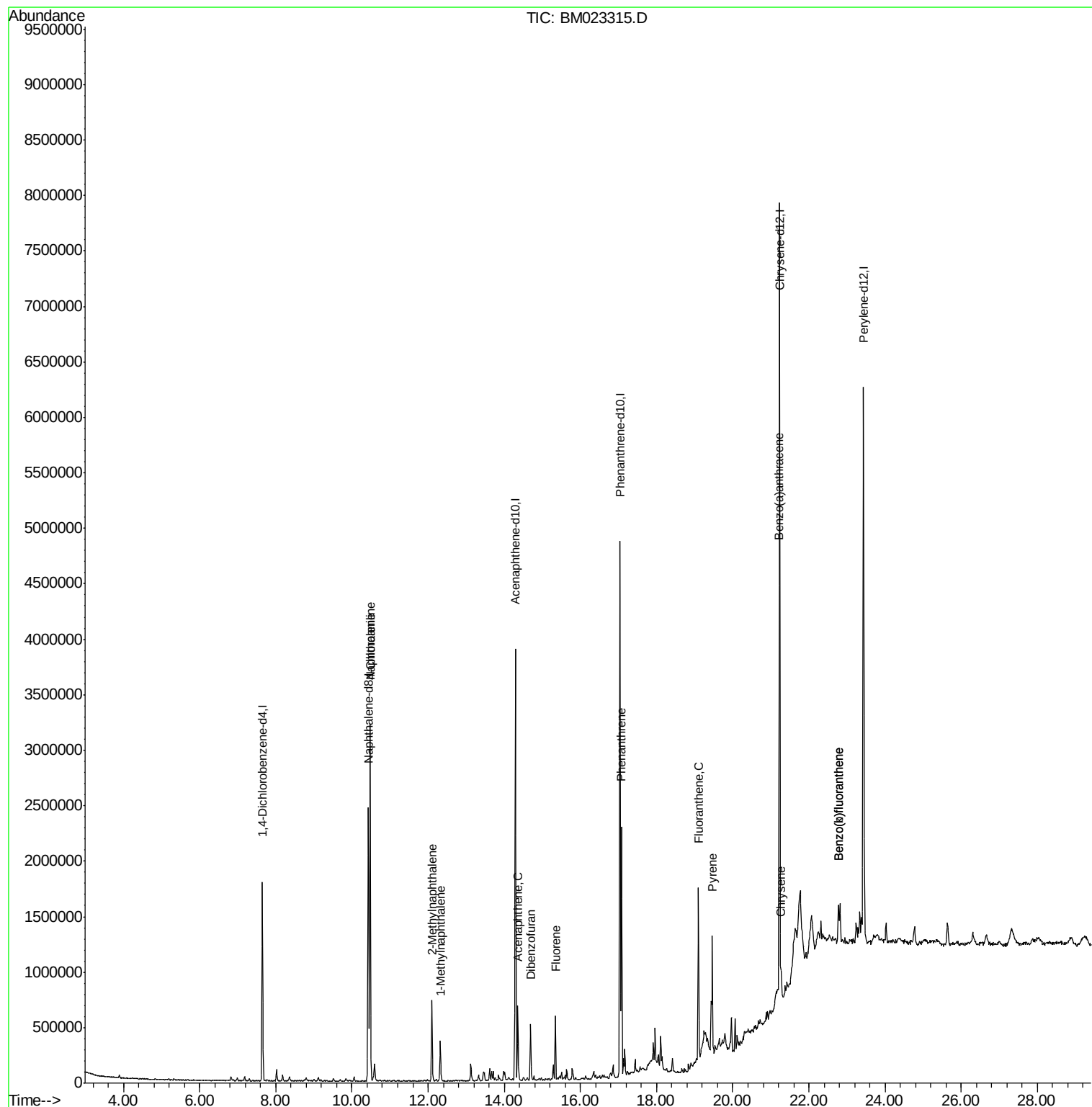
					Ovalue	
28) Naphthalene	10.48	128	2643205	25.284	ng/ul	99
30) 4-Chloroaniline	10.48	127	345813	8.291	ng/ul#	14
34) 2-Methylnaphthalene	12.10	142	346451	4.454	ng/ul	98
35) 1-Methylnaphthalene	12.32	142	166878	2.217	ng/ul	99
50) Acenaphthene	14.36	153	262995	3.179	ng/ul	98
54) Dibenzofuran	14.69	168	300963	2.562	ng/ul	97
59) Fluorene	15.35	166	248937	2.583	ng/ul	100
70) Phenanthrene	17.08	178	1272725	8.218	ng/ul	99
77) Fluoranthene	19.10	202	942127	5.115	ng/ul	97
80) Pyrene	19.46	202	667594	3.483	ng/ul	98
83) Benzo(a)anthracene	21.22	228	335277	1.617	ng/ul	97
85) Chrysene	21.27	228	194220	1.009	ng/ul	99
88) Benzo(b)fluoranthene	22.78	252	323361	1.486	ng/ul#	94
89) Benzo(k)fluoranthene	22.78	252	323361	1.548	ng/ul#	94

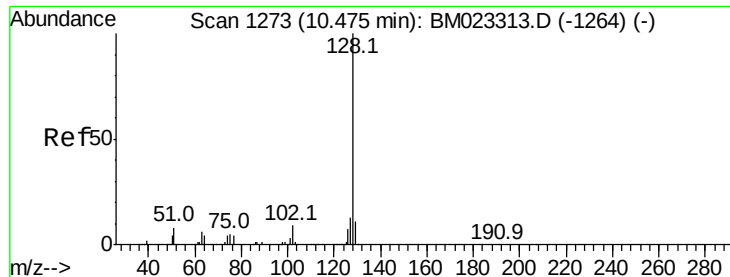
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102119\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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Quant Time: Oct 21 17:56:16 2019
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 21 17:53:35 2019
Response via : Initial Calibration





#28

Naphthalene

Concen: 25.284 ng/ul

RT: 10.48 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BM023315.D

Acq: 21 Oct 2019 16:55

Instrument :

BNA_M

ClientSampleId :

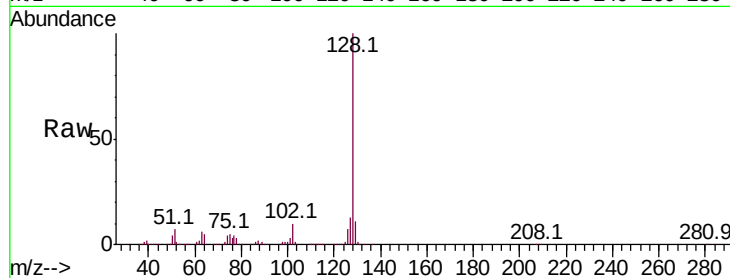
Tot Ion:128 Resp: 2643205

Ion Ratio Lower Upper

128 100

129 10.7 8.3 12.5

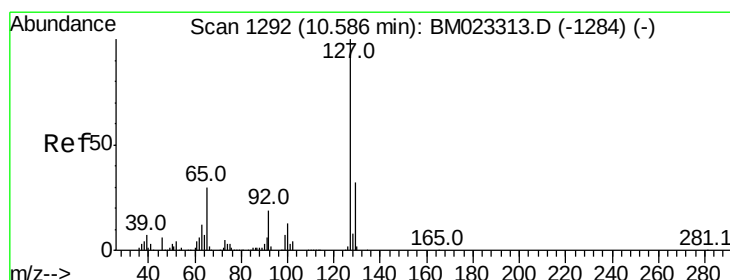
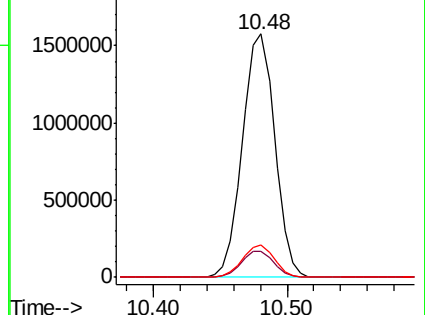
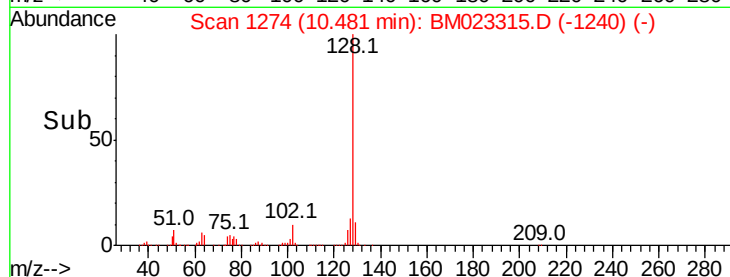
127 13.1 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#30

4-Chloroaniline

Concen: 8.291 ng/ul

RT: 10.48 min Scan# 1274

Delta R.T. -0.11 min

Lab File: BM023315.D

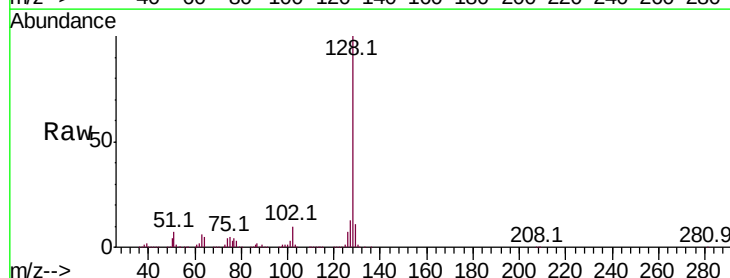
Acq: 21 Oct 2019 16:55

Tgt Ion:127 Resp: 345813

Ion Ratio Lower Upper

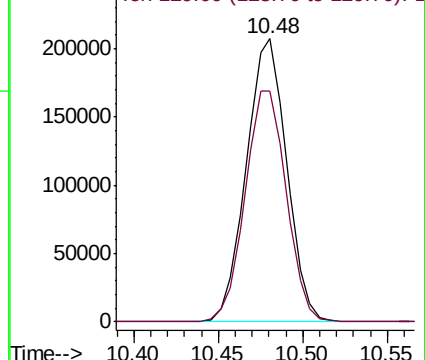
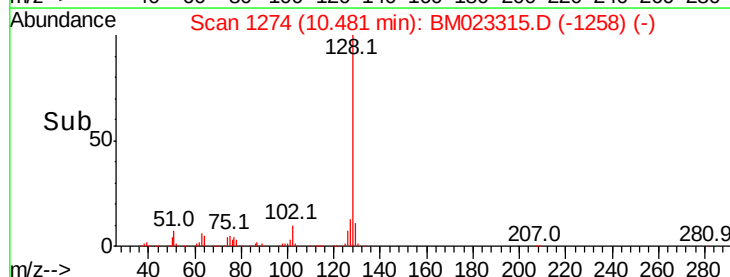
127 100

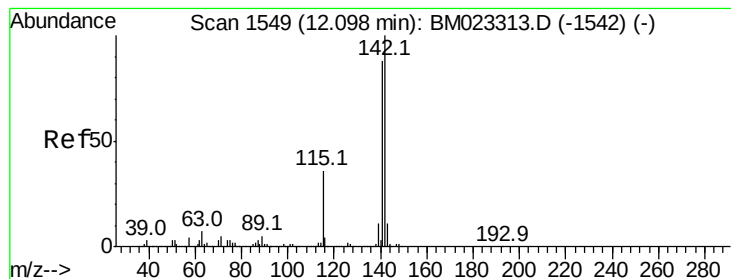
129 81.7 26.3 39.5#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#34

2-Methylnaphthalene

Concen: 4.454 ng/ul

RT: 12.10 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BM023315.D

Acq: 21 Oct 2019 16:55

Instrument :

BNA_M

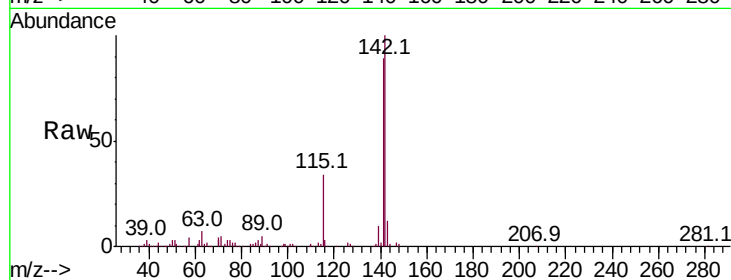
ClientSampleId :

Tot Ion:142 Resp: 346451

Ion Ratio Lower Upper

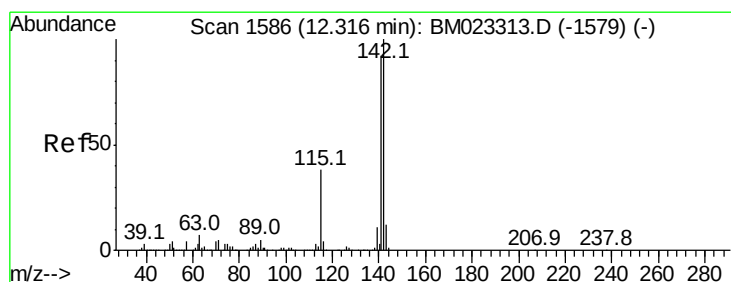
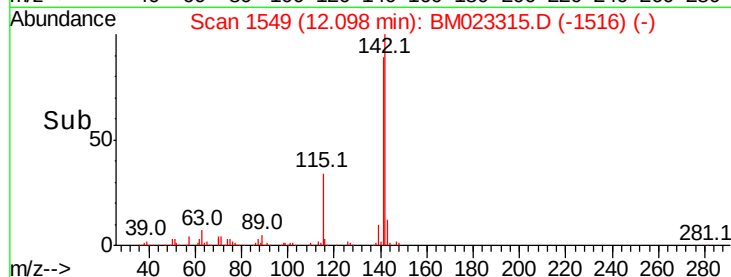
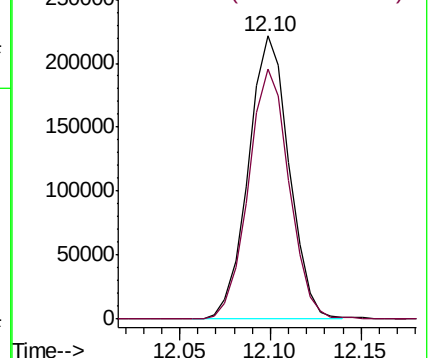
142 100

141 88.5 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 2.217 ng/ul

RT: 12.32 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BM023315.D

Acq: 21 Oct 2019 16:55

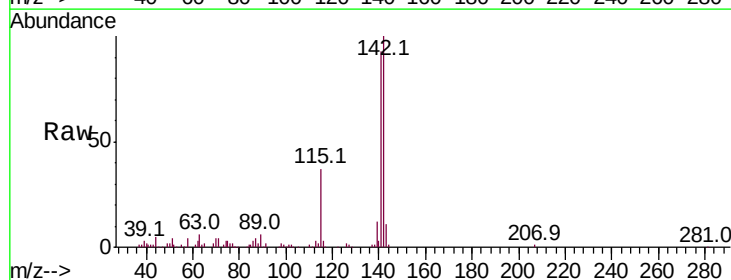
Tgt Ion:142 Resp: 166878

Ion Ratio Lower Upper

142 100

141 93.4 74.2 111.2

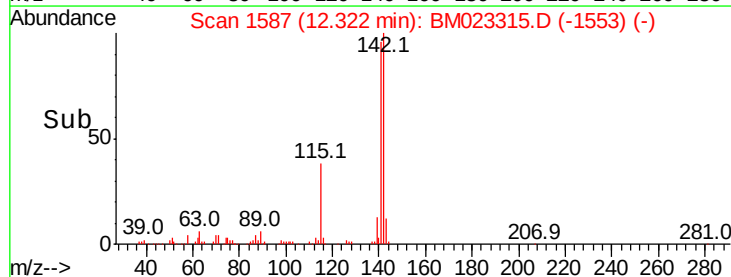
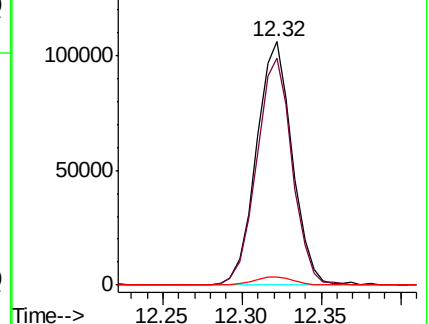
116 3.4 3.3 4.9

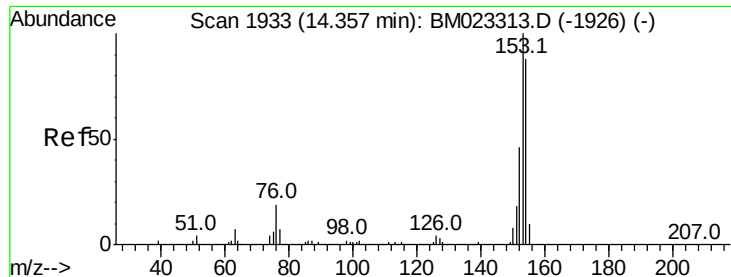


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#50

Acenaphthene

Concen: 3.179 ng/ul

RT: 14.36 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BM023315.D

Acq: 21 Oct 2019 16:55

Instrument :

BNA_M

ClientSampleId :

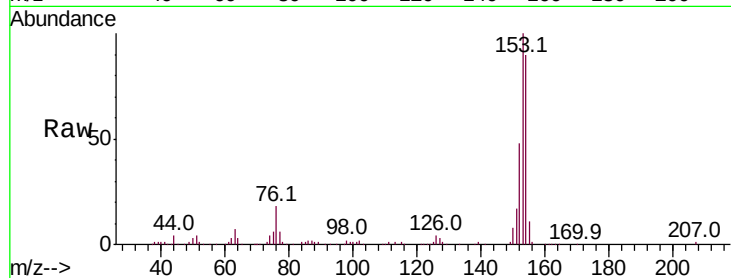
Tot Ion:153 Resp: 262995

Ion Ratio Lower Upper

153 100

152 48.0 38.0 57.0

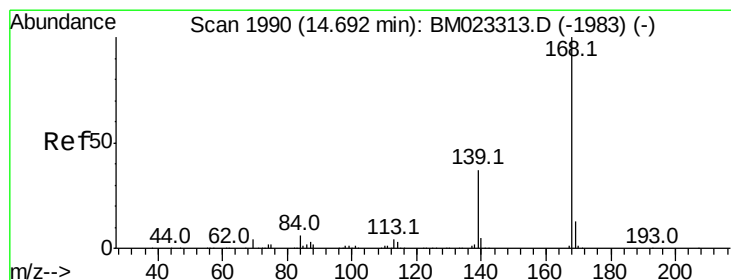
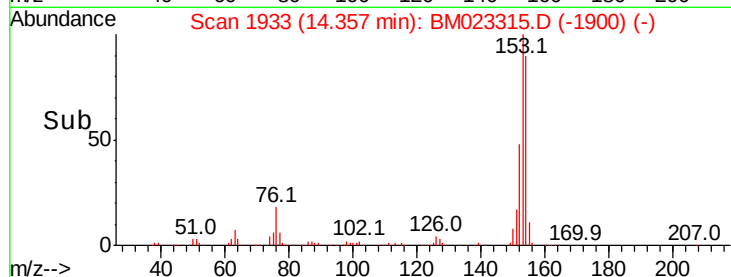
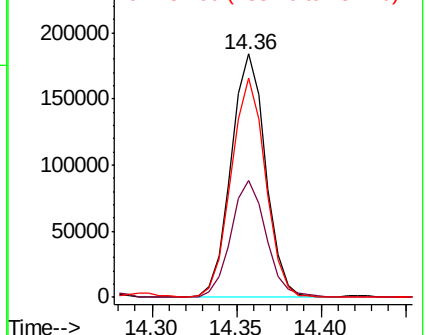
154 89.8 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

250000 Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 2.562 ng/ul

RT: 14.69 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BM023315.D

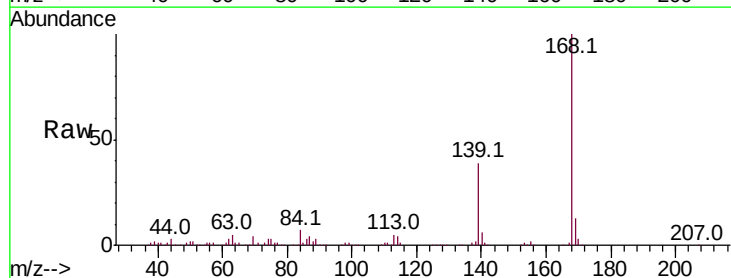
Acq: 21 Oct 2019 16:55

Tgt Ion:168 Resp: 300963

Ion Ratio Lower Upper

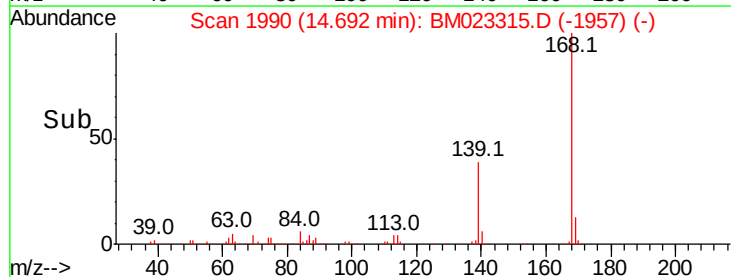
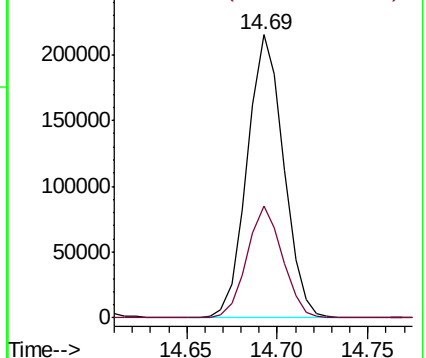
168 100

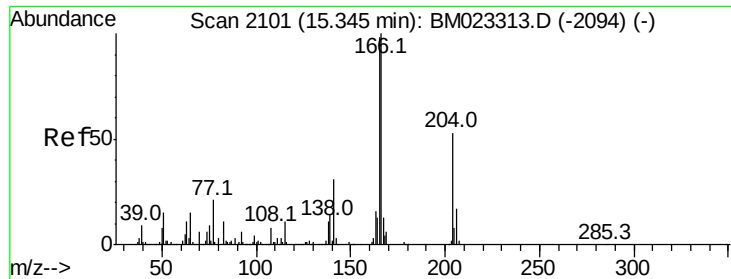
139 39.3 30.1 45.1



Abundance Ion 168.00 (167.70 to 168.70): E

250000 Ion 139.00 (138.70 to 139.70): E

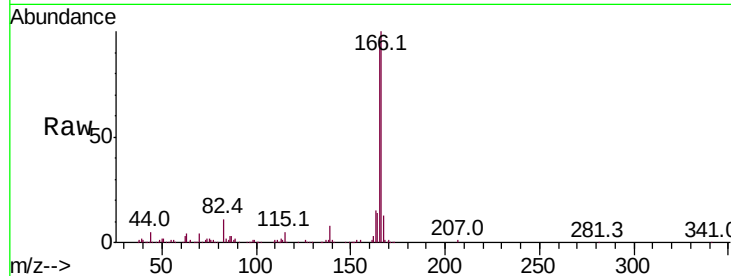




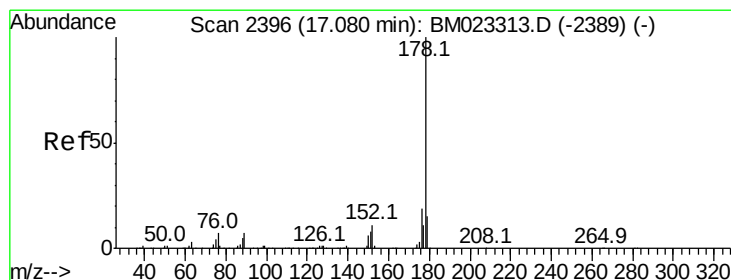
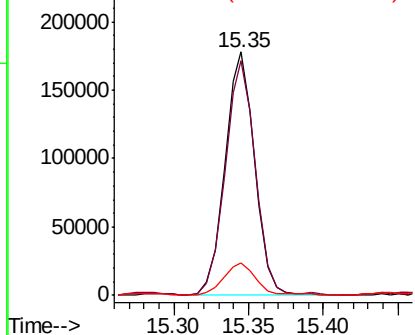
#59
 Fluorene
 Concen: 2.583 ng/ul
 RT: 15.35 min Scan# 2101
 Delta R.T. -0.01 min
 Lab File: BM023315.D
 Acq: 21 Oct 2019 16:55

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.4	116.0
167	13.2	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

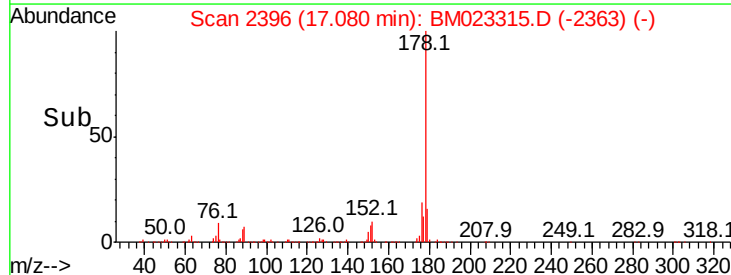
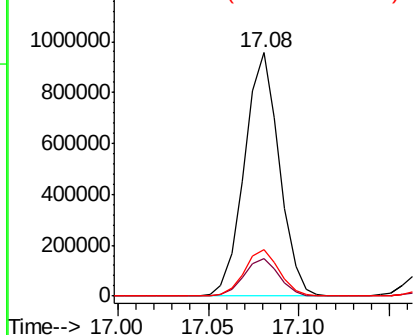


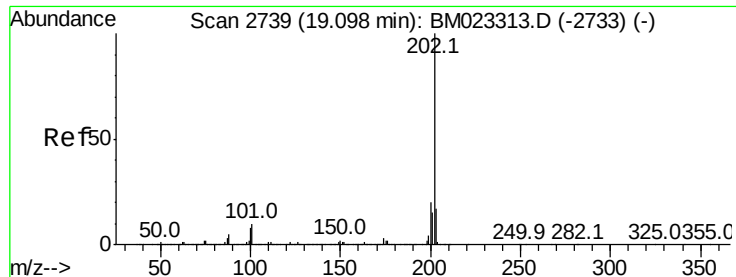
#70
 Phenanthrene
 Concen: 8.218 ng/ul
 RT: 17.08 min Scan# 2396
 Delta R.T. -0.01 min
 Lab File: BM023315.D
 Acq: 21 Oct 2019 16:55

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.0	15.5	23.3



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

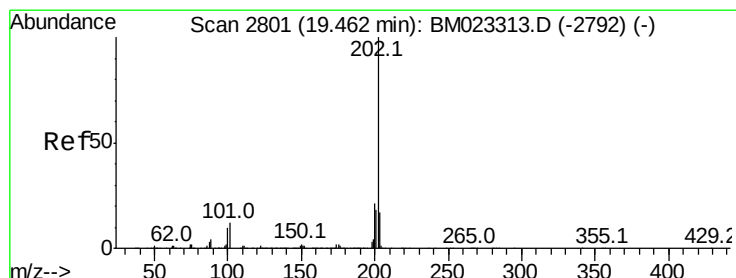
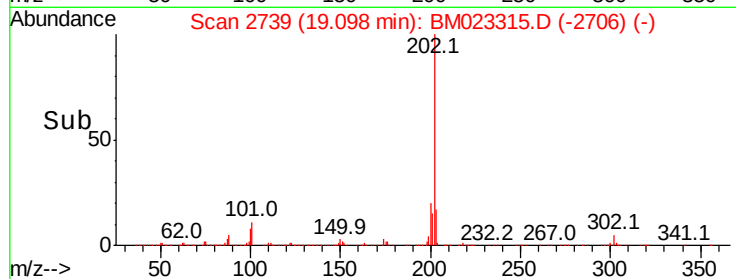
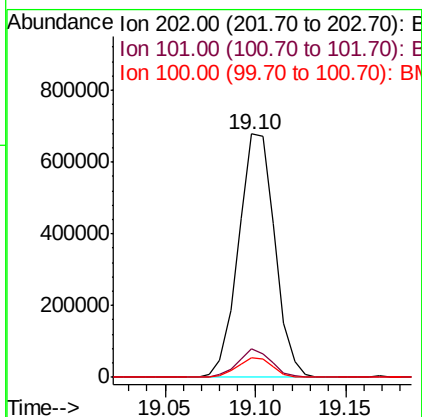
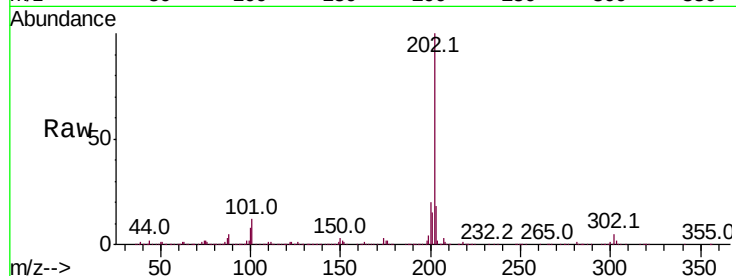




#77
 Fluoranthene
 Concen: 5.115 ng/ul
 RT: 19.10 min Scan# 2739
 Delta R.T. -0.01 min
 Lab File: BM023315.D
 Acq: 21 Oct 2019 16:55

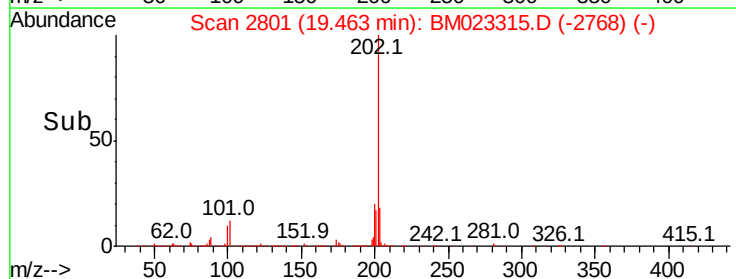
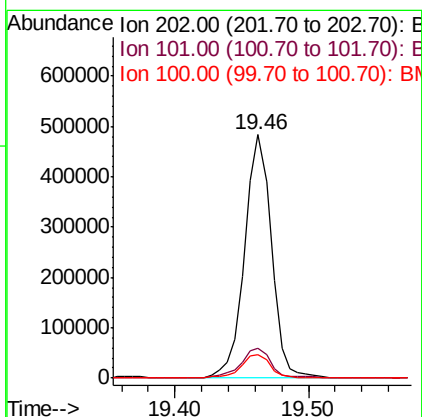
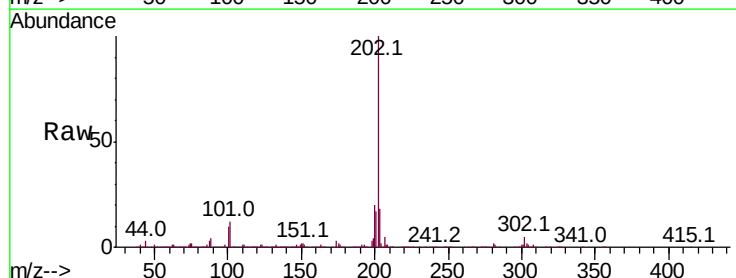
Instrument :
 BNA_M
 ClientSampled :

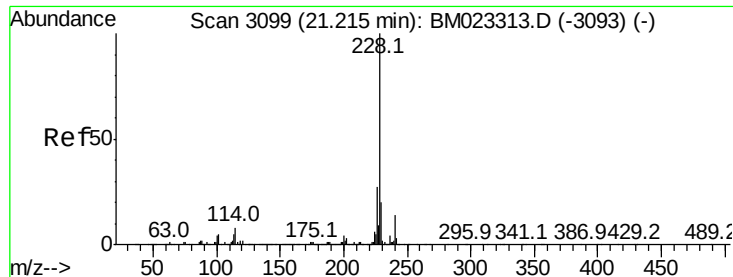
Tot Ion:	202	Resp:	942127
Ion	Ratio	Lower	Upper
202	100		
101	11.5	7.8	11.8
100	8.0	6.1	9.1



#80
 Pyrene
 Concen: 3.483 ng/ul
 RT: 19.46 min Scan# 2801
 Delta R.T. -0.01 min
 Lab File: BM023315.D
 Acq: 21 Oct 2019 16:55

Tgt Ion:	202	Resp:	667594
Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.1	13.7
100	9.8	7.5	11.3

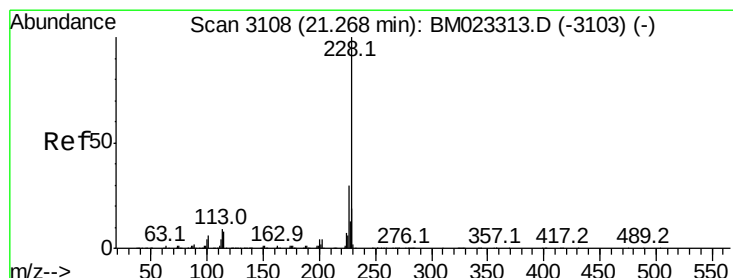
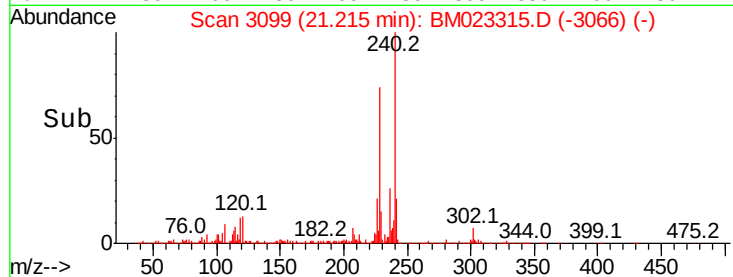
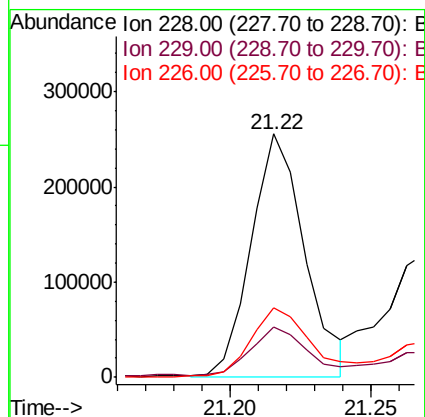
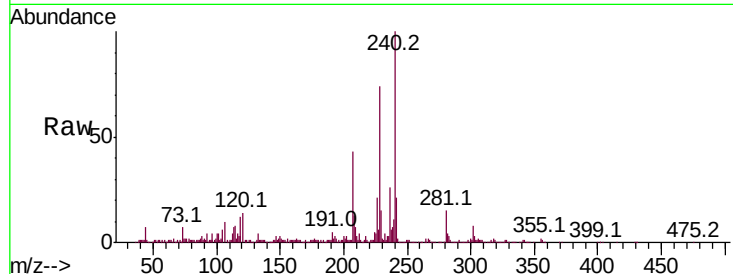




#83
Benzo(a)anthracene
Concen: 1.617 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM023315.D
Acq: 21 Oct 2019 16:55

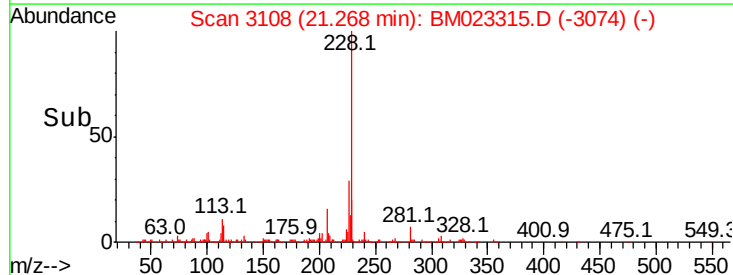
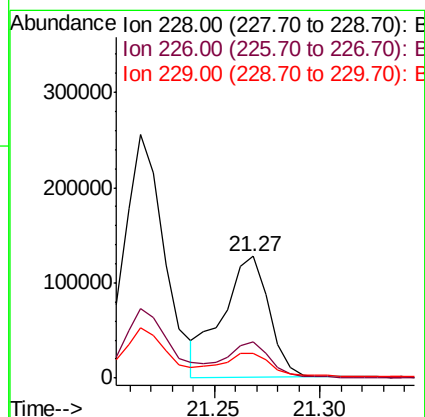
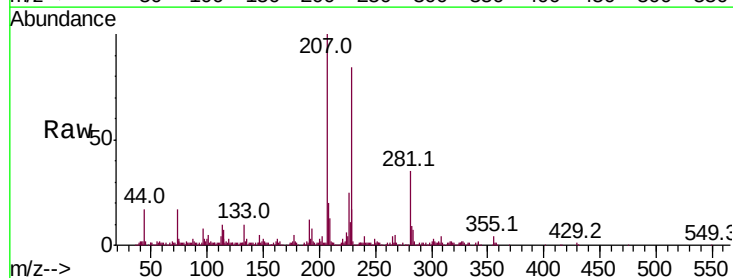
Instrument :
BNA_M
ClientSampleId :

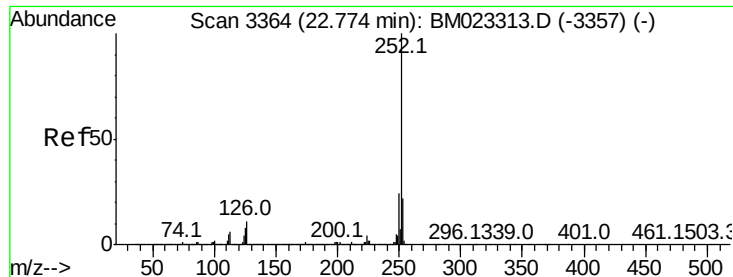
Tot Ion:	228	Resp:	335277
Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.7	23.5
226	28.8	21.6	32.4



#85
Chrysene
Concen: 1.009 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BM023315.D
Acq: 21 Oct 2019 16:55

Tgt Ion:	228	Resp:	194220
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	20.5	15.5	23.3





#88

Benzo(b)fluoranthene

Concen: 1.486 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. 0.00 min

Lab File: BM023315.D

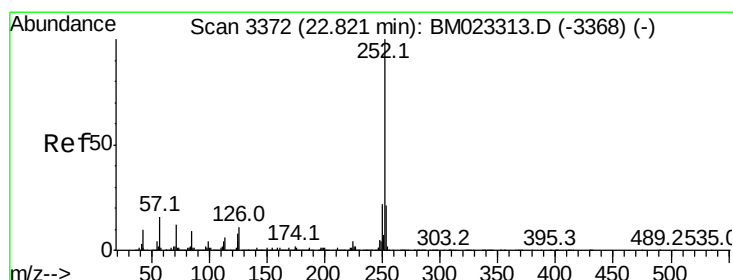
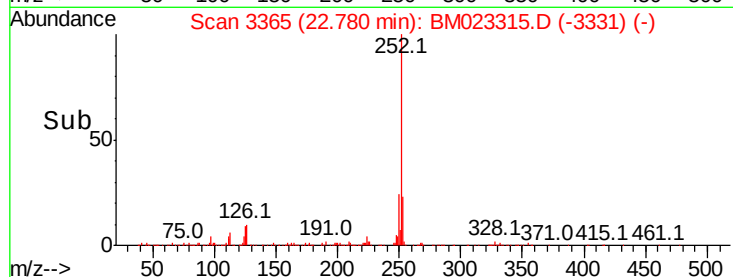
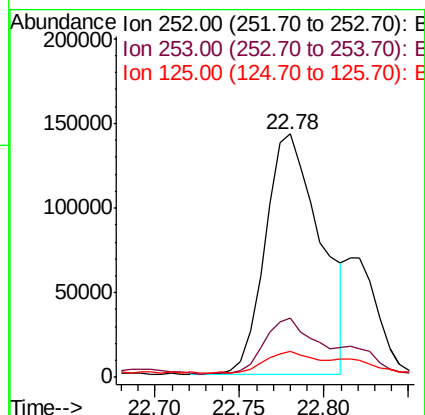
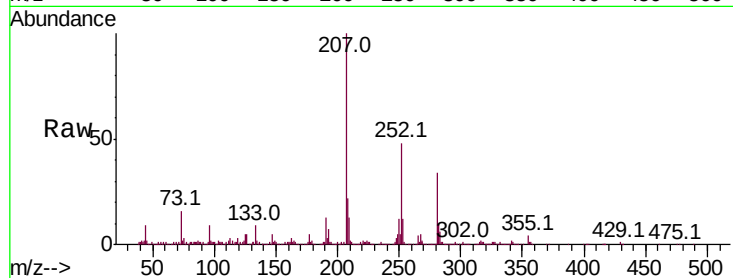
Acq: 21 Oct 2019 16:55

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	323361
Ion Ratio	Lower	Upper
252	100	
253	24.3	17.6 26.4
125	10.7	6.4 9.6#



#89

Benzo(k)fluoranthene

Concen: 1.548 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. -0.04 min

Lab File: BM023315.D

Acq: 21 Oct 2019 16:55

Tgt Ion:252	Resp:	323361
Ion Ratio	Lower	Upper
252	100	
253	24.3	17.4 26.0
125	10.7	6.5 9.7#

