

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
 Data File : BM026563.D
 Acq On : 25 Jun 2020 17:49
 Operator : JU/CG
 Sample : L3062-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ET148

Manual Integrations
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Quant Time: Jun 25 18:25:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 25 10:53:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	86673	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	412253	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	280438	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	655206	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	776905	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	800173	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.97	96	5485	2.22	ng/uL	0.00
5) Phenol-d5	6.58	99	92873	11.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	98295	19.46	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	98088	15.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	103211	16.42	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	44710	12.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	28085	6.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	100370	13.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	147556	19.07	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	392716	16.65	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	315164	11.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	1448m	0.37	ng/ul	0.10
58) Fluorene-d10	15.03	176	208653	10.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	739m	0.17	ng/ul	0.03
71) Anthracene-d10	16.88	188	321492	9.64	ng/ul	0.00
79) Pyrene-d10	19.19	212	360578	8.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	325445	7.36	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.17	128	272178	10.857	ng/ul	99
45) Dimethylphthalate	13.50	163	84146	3.436	ng/ul	99
50) Acenaphthene	14.09	153	55433	2.666	ng/ul	96
54) Dibenzofuran	14.43	168	43454	1.480	ng/ul	98
59) Fluorene	15.09	166	34582	1.427	ng/ul	98
70) Phenanthrene	16.83	178	59289	1.443	ng/ul	98
77) Fluoranthene	18.86	202	113811	2.535	ng/ul	99
80) Pyrene	19.22	202	95996	1.681	ng/ul	97
83) Benzo(a)anthracene	20.99	228	55452	1.002	ng/ul	96
85) Chrysene	21.03	228	54459	1.014	ng/ul	98
88) Benzo(b)fluoranthene	22.47	252	77401	1.411	ng/ul	97
91) Benzo(a)pyrene	22.99	252	56796	1.175	ng/ul	98

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

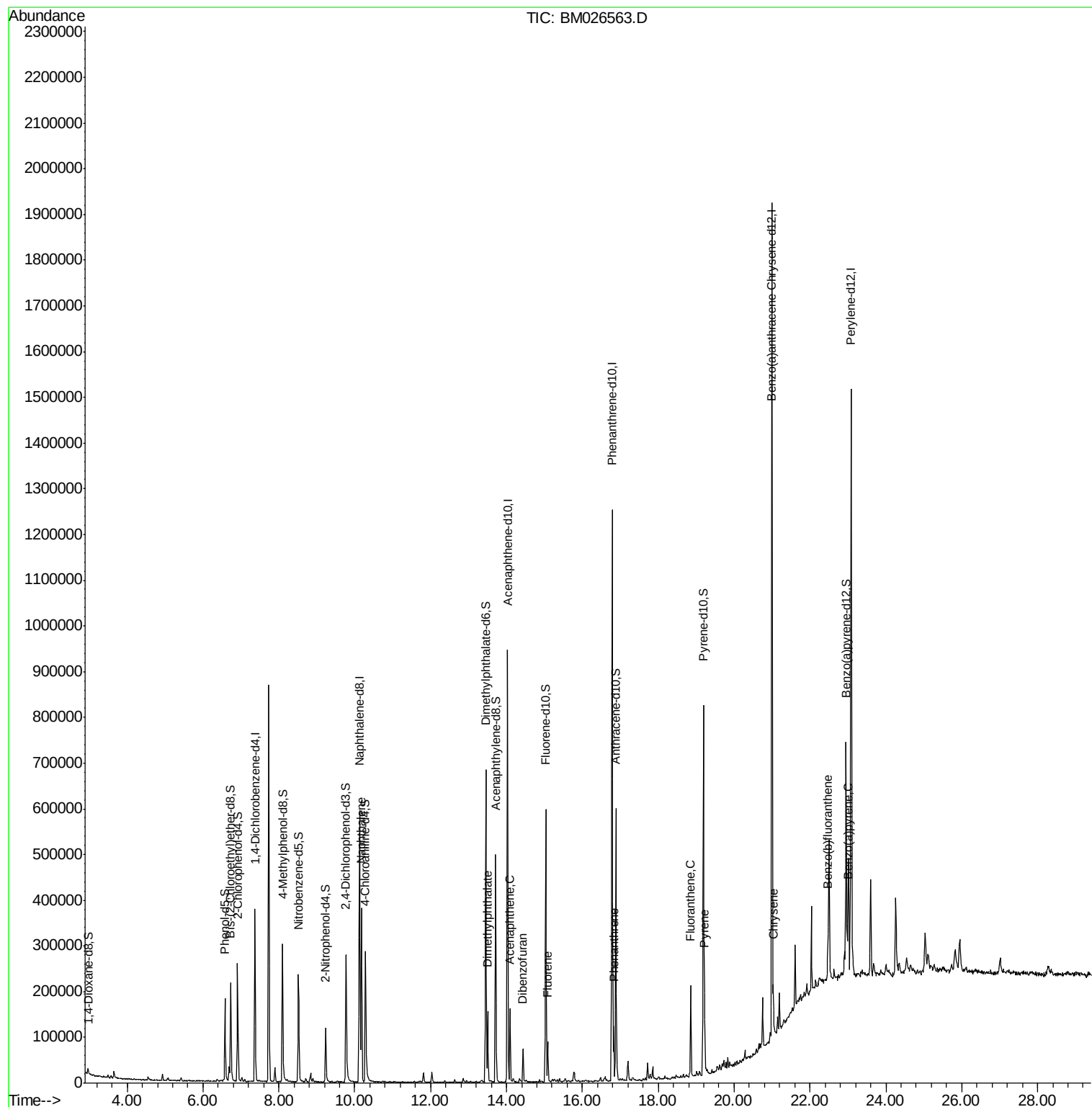
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026563.D
Acq On : 25 Jun 2020 17:49
Operator : JU/CG
Sample : L3062-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

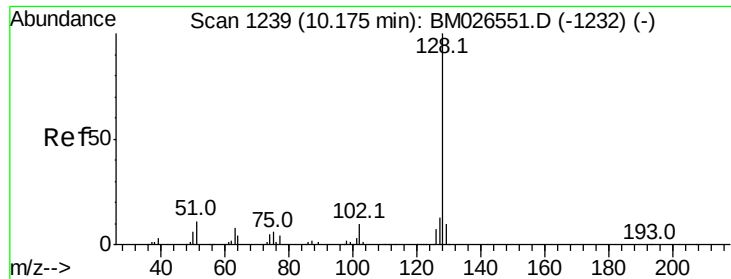
Instrument :
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ClientSampleId :
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Quant Time: Jun 25 18:25:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 25 10:53:13 2020
Response via : Initial Calibration





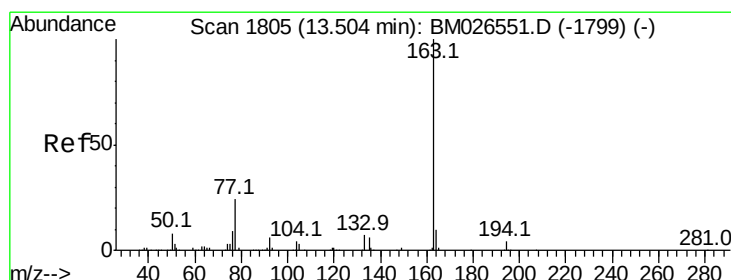
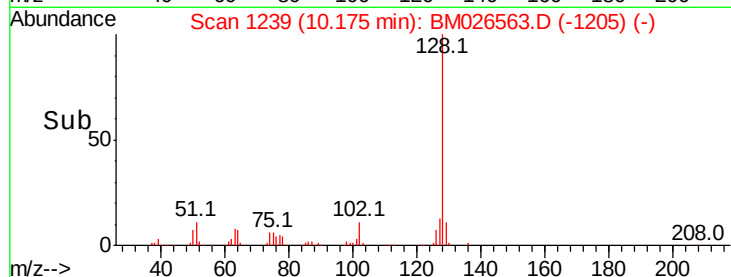
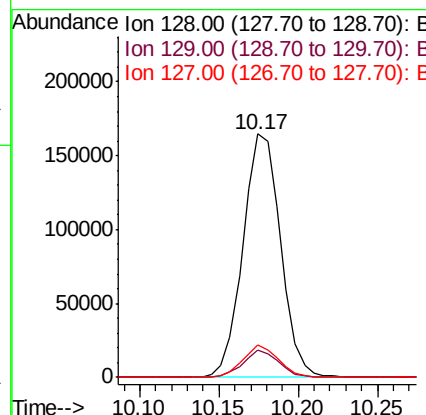
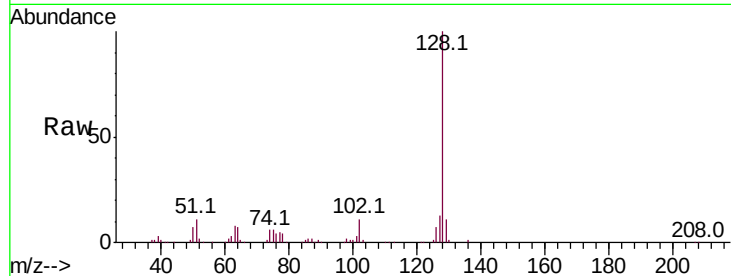
#28
Naphthalene
Concen: 10.857 ng/ul
RT: 10.17 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BM026563.D
Acq: 25 Jun 2020 17:49

Instrument :
BNA_M
ClientSampleId :
ET148

Tot Ion	Ratio	Resp	Lower	Upper
128	100	272178		
129	11.3		8.8	13.2
127	13.1		10.1	15.1

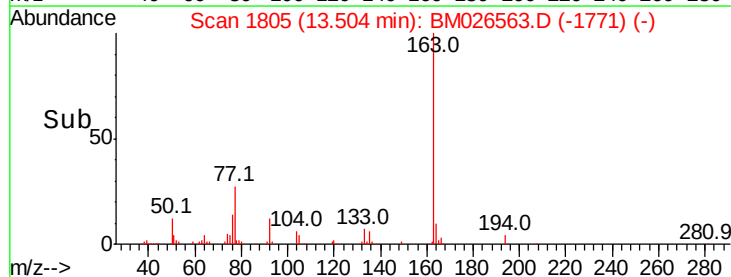
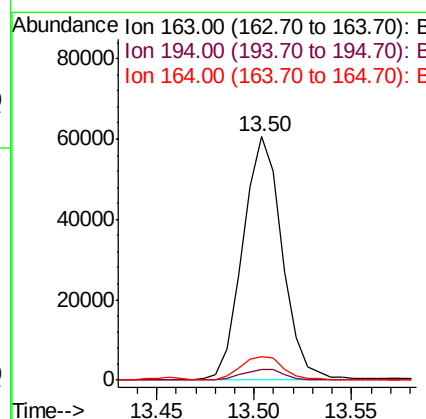
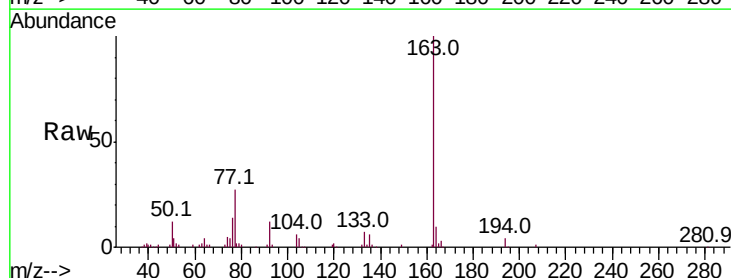
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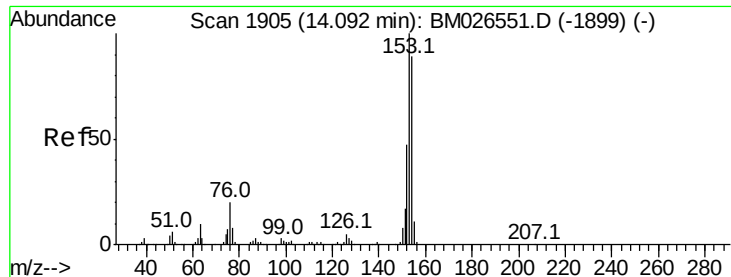
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#45
Dimethylphthalate
Concen: 3.436 ng/ul
RT: 13.50 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BM026563.D
Acq: 25 Jun 2020 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	84146		
194	4.1		3.4	5.2
164	9.9		7.8	11.6





#50

Acenaphthene

Concen: 2.666 ng/ul

RT: 14.09 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BM026563.D

Acq: 25 Jun 2020 17:49

Instrument :

BNA_M

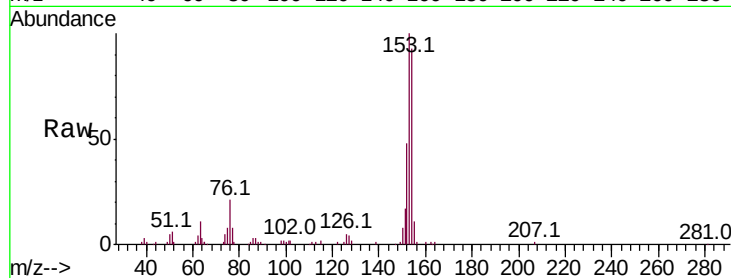
ClientSampled :

ET148

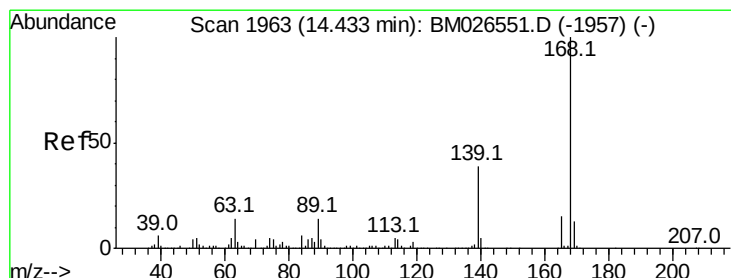
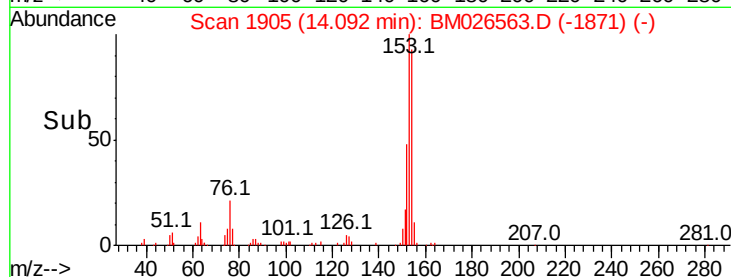
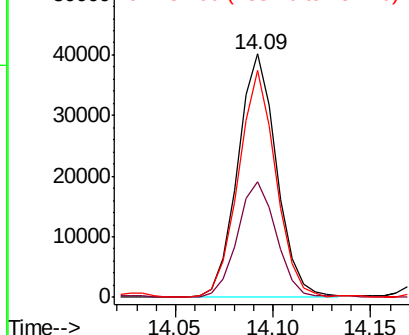
Tot Ion:	153	Resp:	55433
Ion Ratio	Lower	Upper	
153	100		
152	47.6	36.4	54.6
154	93.3	71.0	106.4

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 1.480 ng/ul

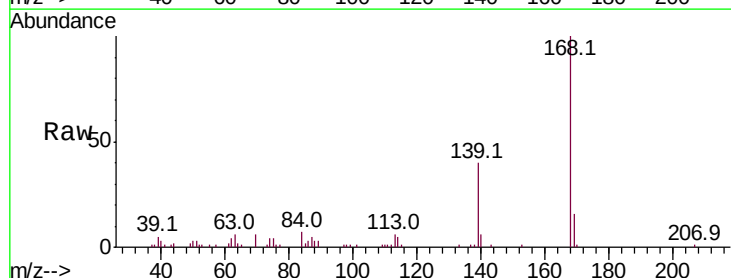
RT: 14.43 min Scan# 1963

Delta R.T. -0.00 min

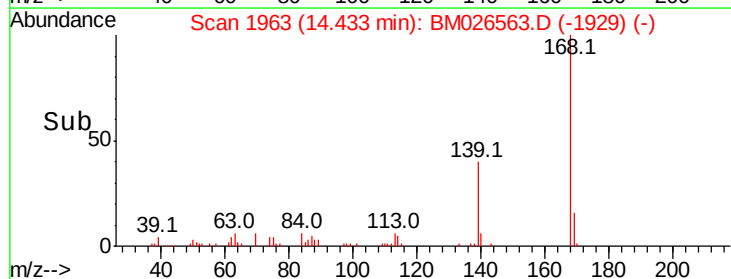
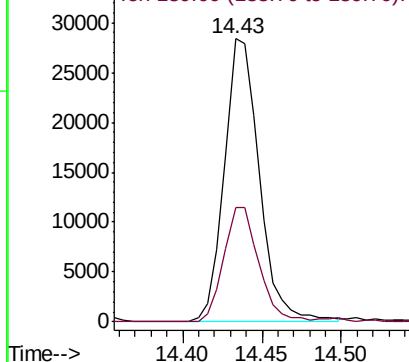
Lab File: BM026563.D

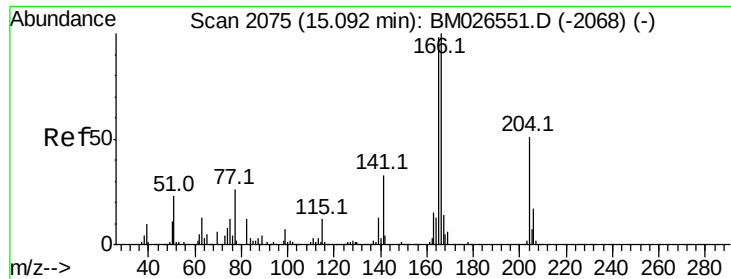
Acq: 25 Jun 2020 17:49

Tgt Ion:	168	Resp:	43454
Ion Ratio	Lower	Upper	
168	100		
139	40.4	31.1	46.7



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





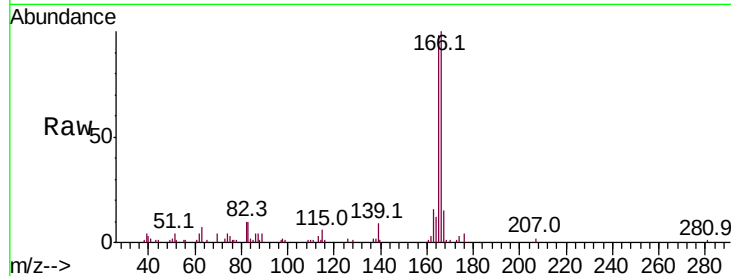
#59
 Fluorene
 Concen: 1.427 ng/ul
 RT: 15.09 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BM026563.D
 Acq: 25 Jun 2020 17:49

Instrument :
 BNA_M
 ClientSampleId :
 ET148

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.0	115.4
167	14.7	10.6	16.0

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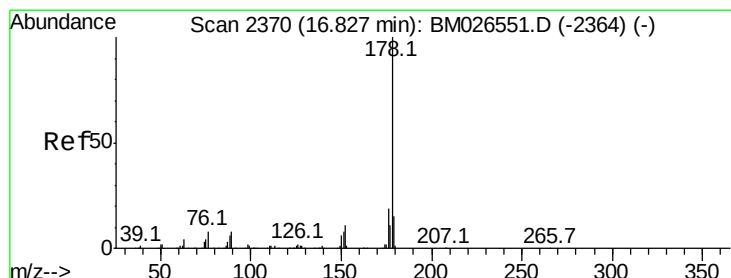
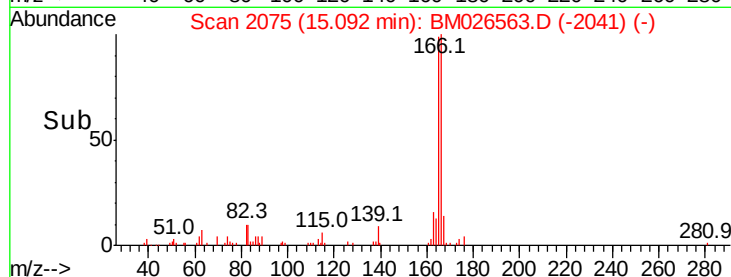
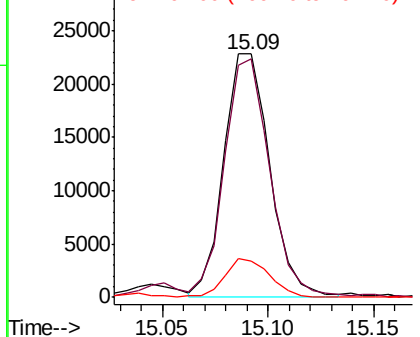


Abundance

Ion 166.00 (165.70 to 166.70): E

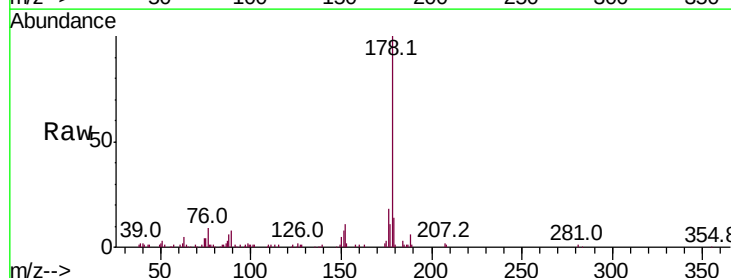
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70
 Phenanthrene
 Concen: 1.443 ng/ul
 RT: 16.83 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: BM026563.D
 Acq: 25 Jun 2020 17:49

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.3	12.4	18.6
176	17.7	15.0	22.4

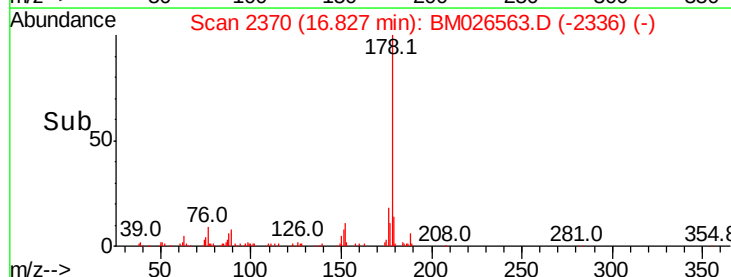
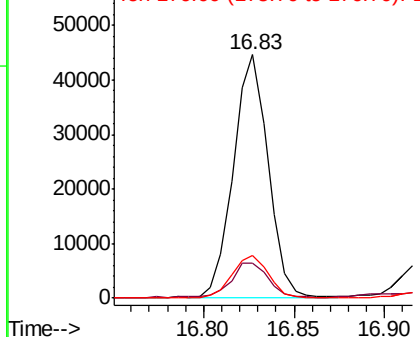


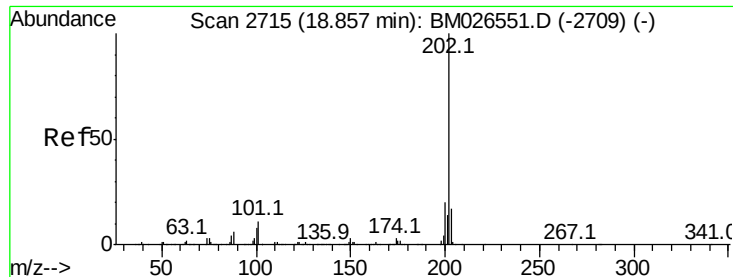
Abundance

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: 2.535 ng/ul

RT: 18.86 min Scan# 2715

Delta R.T. -0.00 min

Lab File: BM026563.D

Acq: 25 Jun 2020 17:49

Instrument :

BNA_M

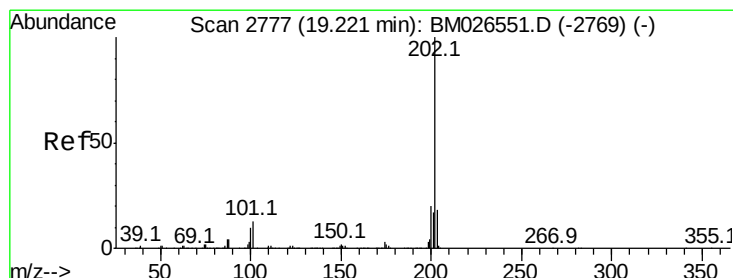
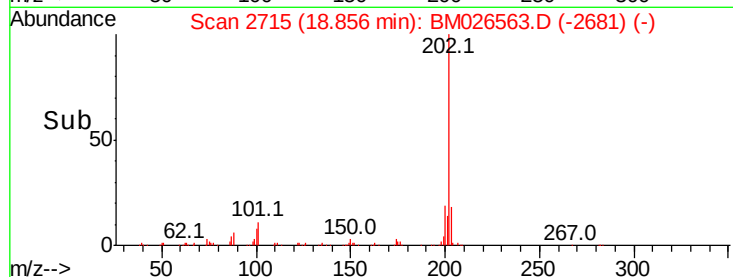
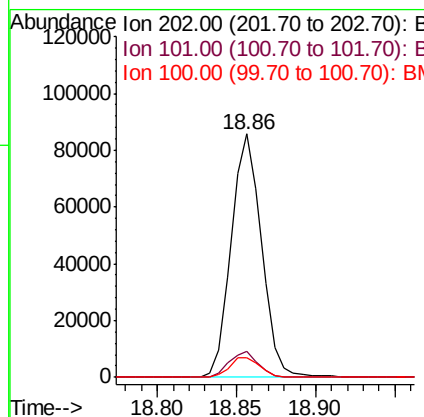
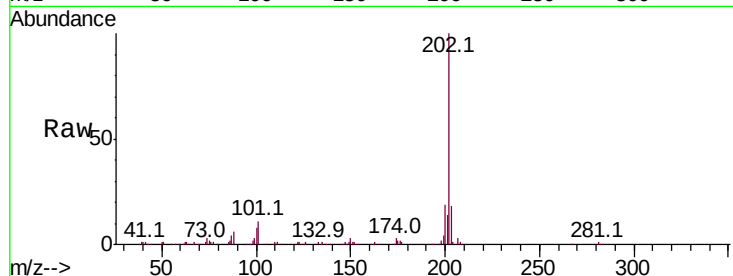
ClientSampleId :

ET148

Tot Ion:	202	Resp:	113811
Ion Ratio	Lower	Upper	
202	100		
101	10.7	8.6	12.8
100	7.8	6.8	10.2

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#80

Pyrene

Concen: 1.681 ng/ul

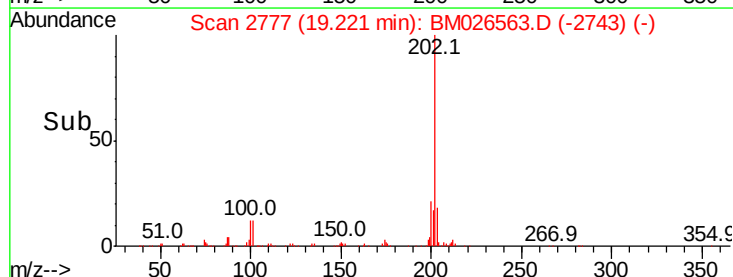
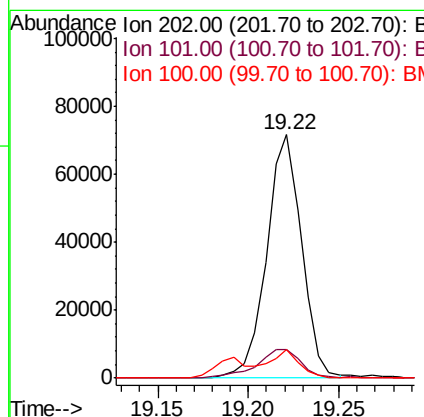
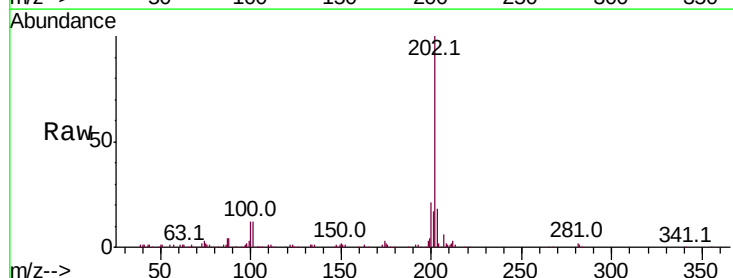
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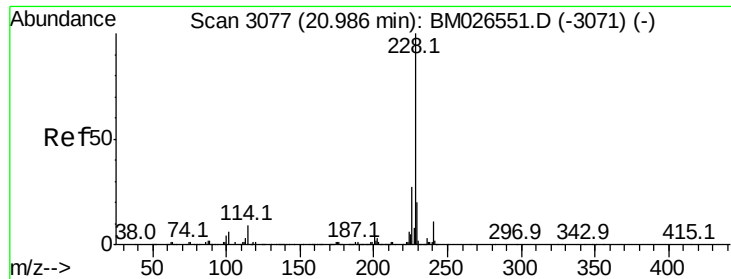
Delta R.T. -0.00 min

Lab File: BM026563.D

Acq: 25 Jun 2020 17:49

Tgt Ion:	202	Resp:	95996
Ion Ratio	Lower	Upper	
202	100		
101	11.8	10.9	16.3
100	11.6	9.0	13.6





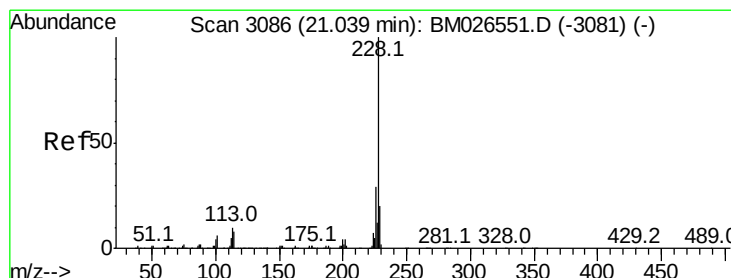
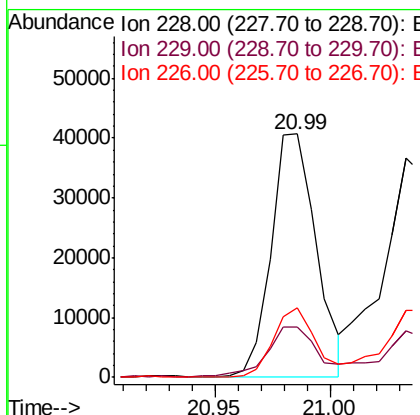
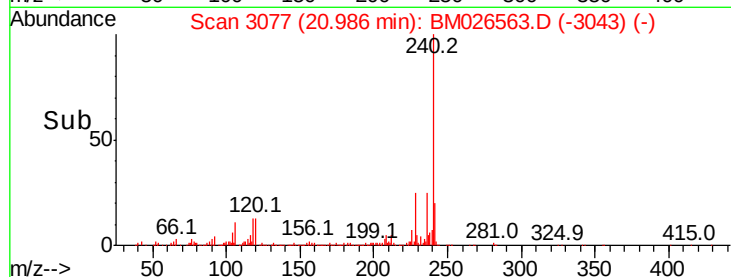
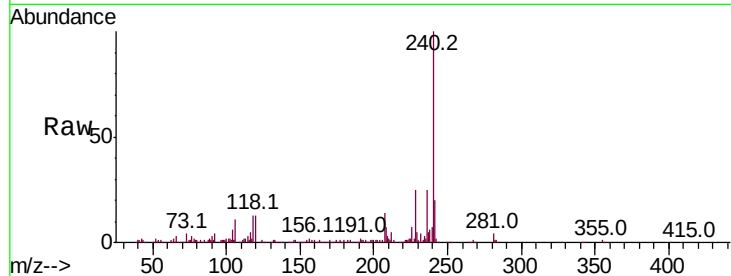
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Benzo(a)anthracene
Concen: 1.002 ng/ul
RT: 20.99 min Scan# 3077
Delta R.T. -0.00 min
Lab File: BM026563.D
Acq: 25 Jun 2020 17:49

Instrument :
BNA_M
ClientSampled :
ET148

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.4	23.2
226	28.6	21.0	31.4

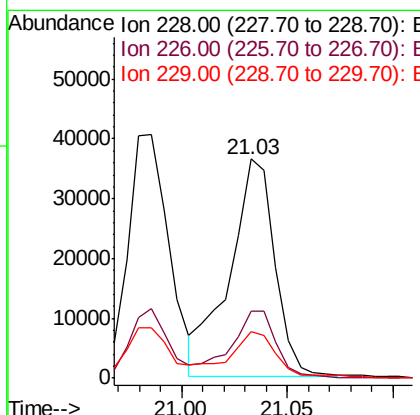
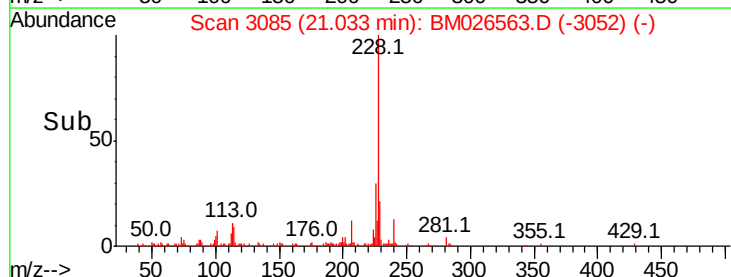
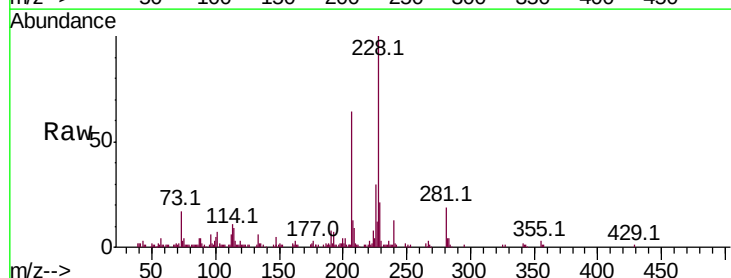
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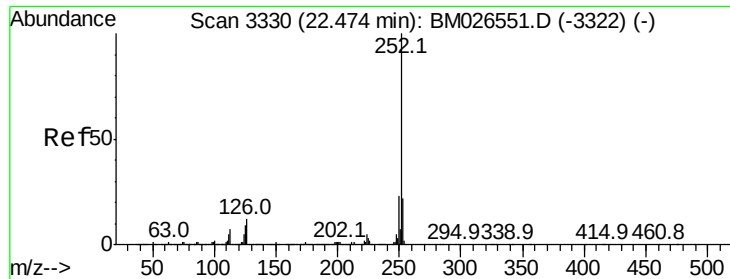
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#85
Chrysene
Concen: 1.014 ng/ul
RT: 21.03 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM026563.D
Acq: 25 Jun 2020 17:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.7	35.5
229	21.1	15.5	23.3





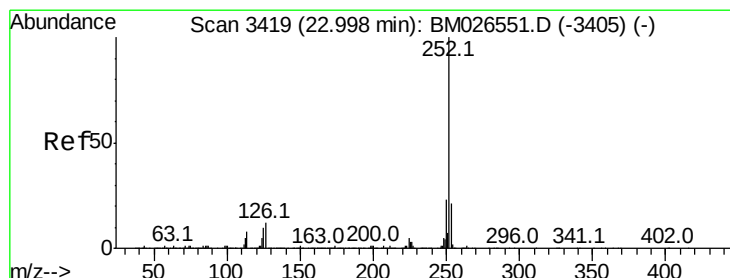
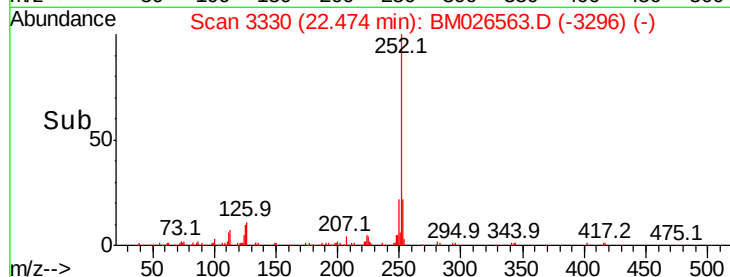
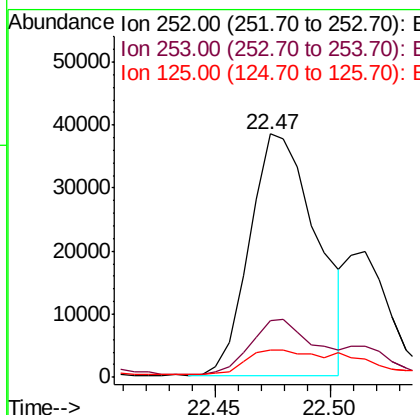
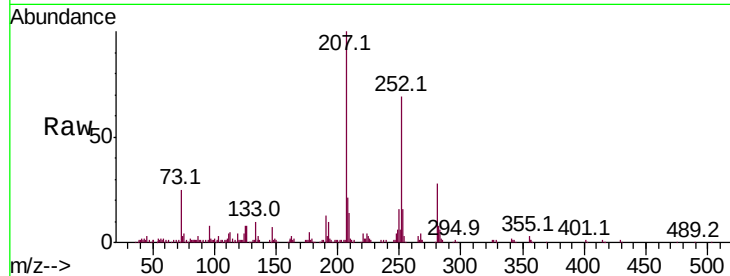
#88
Benzo(b)fluoranthene
Concen: 1.411 ng/ul
RT: 22.47 min Scan# 3330
Delta R.T. -0.00 min
Lab File: BM026563.D
Acq: 25 Jun 2020 17:49

Instrument :
BNA_M
ClientSampled :
ET148

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	11.1	7.4	11.2

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#91
Benzo(a)pyrene
Concen: 1.175 ng/ul
RT: 22.99 min Scan# 3418
Delta R.T. -0.01 min
Lab File: BM026563.D
Acq: 25 Jun 2020 17:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	11.8	8.7	13.1

