

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027057.D
 Acq On : 13 Aug 2020 12:09
 Operator : JU/CG
 Sample : L3630-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFM75

Manual Integrations
 APPROVED

Sohil
 8/14/2020 2:54:04 PM

Quant Time: Aug 13 14:08:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 11:47:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	84976	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	302288	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	187721	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	408575	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	573406	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	608583	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	8147	4.36	ng/uL	0.00
5) Phenol-d5	6.82	99	155427	23.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	106578	23.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	125239	24.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	117099	22.73	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	55250	23.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	58790	23.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	129485	24.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	125209	20.64	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	391487	26.15	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	475255	26.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	48824	19.32	ng/ul	0.00
58) Fluorene-d10	15.27	176	318484	24.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	43808	19.63	ng/ul	0.00
71) Anthracene-d10	17.12	188	544701	27.06	ng/ul	0.00
79) Pyrene-d10	19.42	212	713901	24.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	929014	27.35	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.84	94	21762	3.124	ng/ul 93
45) Dimethylphthalate	13.73	163	218386	13.921	ng/ul 99
48) Acenaphthylene	13.99	152	28817	1.589	ng/ul 97
54) Dibenzofuran	14.67	168	18856	1.025	ng/ul 93
59) Fluorene	15.32	166	15735	1.022	ng/ul 97
70) Phenanthrene	17.06	178	434974	17.758	ng/ul 99
72) Anthracene	17.15	178	67080	2.691	ng/ul 99
75) Carbazole	17.42	167	38255	1.818	ng/ul 98
77) Fluoranthene	19.08	202	768891	25.887	ng/ul 97
80) Pyrene	19.44	202	707789	18.185	ng/ul 97
83) Benzo(a)anthracene	21.20	228	475400	12.315	ng/ul 98
85) Chrysene	21.25	228	477945	12.614	ng/ul 98
88) Benzo(b)fluoranthene	22.76	252	702394	16.621	ng/ul 99
89) Benzo(k)fluoranthene	22.80	252	258953m	6.183	ng/ul
91) Benzo(a)pyrene	23.32	252	497192	12.928	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.60	276	359706	7.259	ng/ul 98
93) Dibenzo(a,h)anthracene	25.61	278	108254	2.579	ng/ul 93
94) Benzo(g,h,i)perylene	26.27	276	251549	6.146	ng/ul 98

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

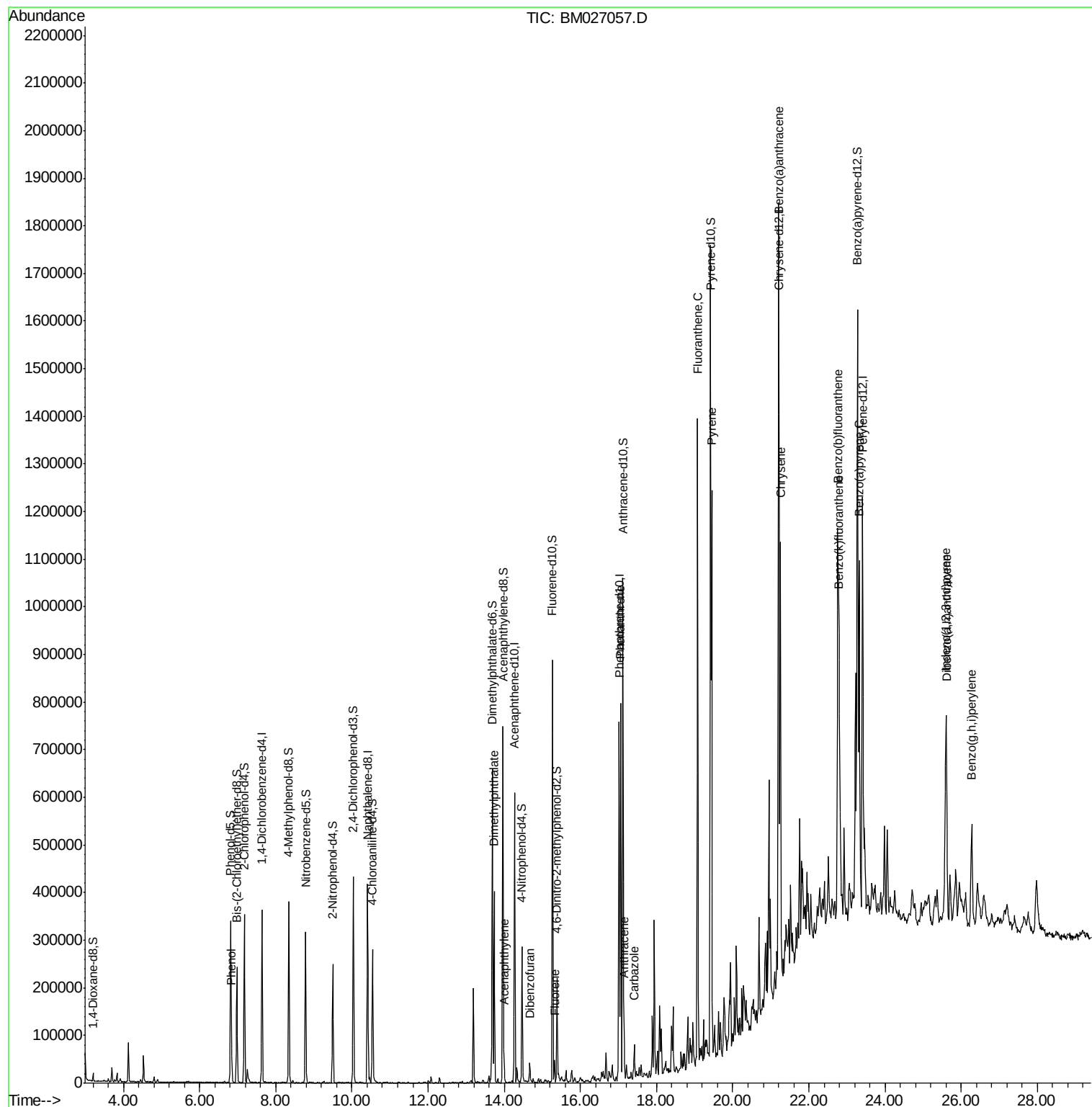
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027057.D
Acq On : 13 Aug 2020 12:09
Operator : JU/CG
Sample : L3630-08
Misc :
ALS Vial : 4 Sample Multiplier: 1

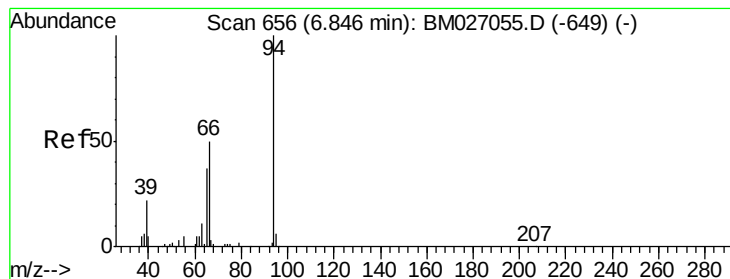
Instrument :
BNA_M
ClientSampled :
BFM75

Manual Integrations
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Quant Time: Aug 13 14:08:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration





#6

Phenol

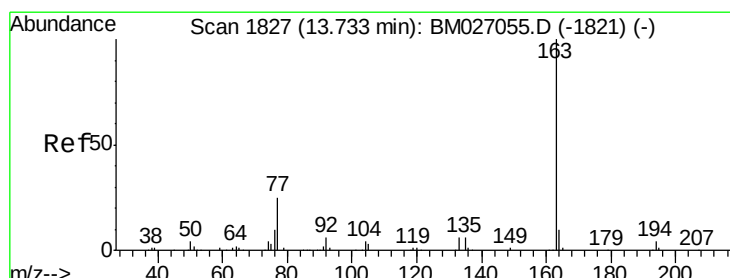
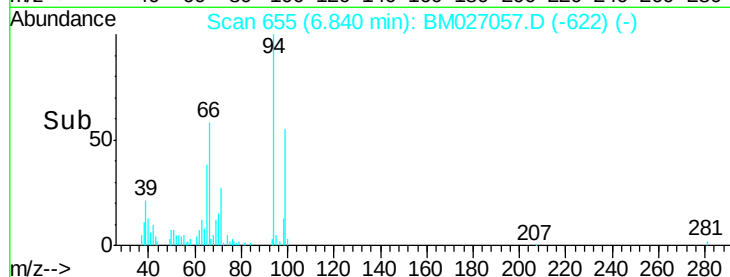
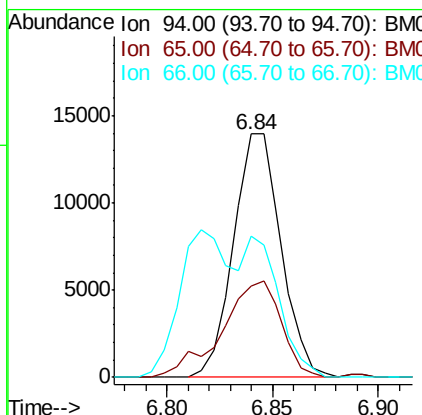
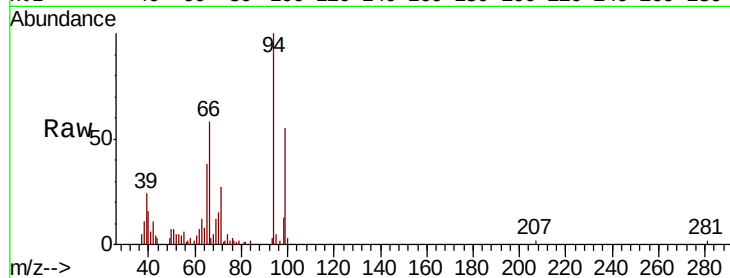
Concen: 3.124 ng/ul
 RT: 6.84 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: BM027057.D
 Acq: 13 Aug 2020 12:09

Instrument :
 BNA_M
 ClientSampled :
 BFM75

Tot Ion:	94	Resp:	21762
Ion	Ratio	Lower	Upper
94	100		
65	37.5	28.6	43.0
66	58.2	41.3	61.9

Manual Integrations
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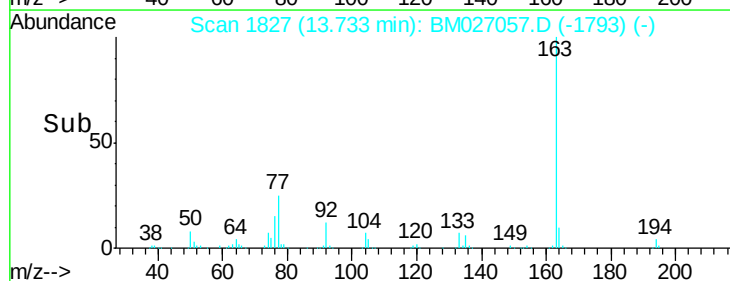
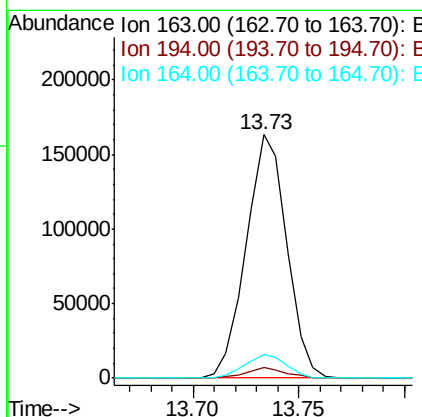
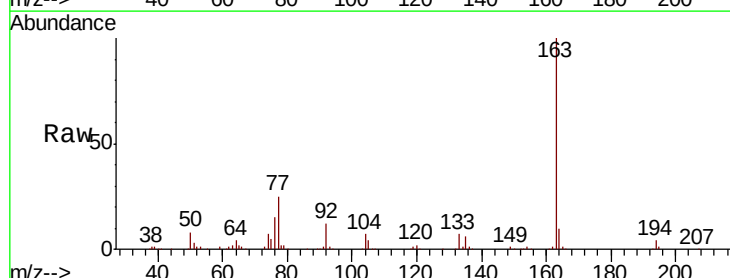


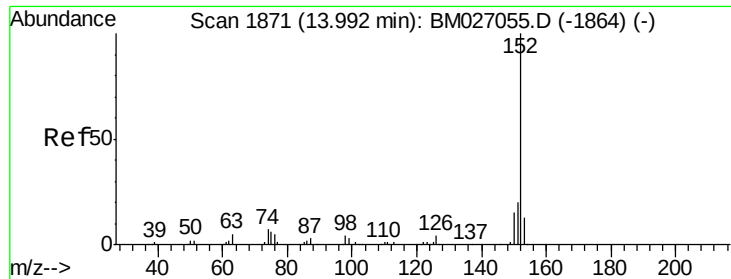
#45

Dimethylphthalate

Concen: 13.921 ng/ul
 RT: 13.73 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BM027057.D
 Acq: 13 Aug 2020 12:09

Tgt Ion:	163	Resp:	218386
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.5	8.2	12.2





#48

Acenaphthylene

Concen: 1.589 ng/ul

RT: 13.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BM027057.D

Acq: 13 Aug 2020 12:09

Instrument :

BNA_M

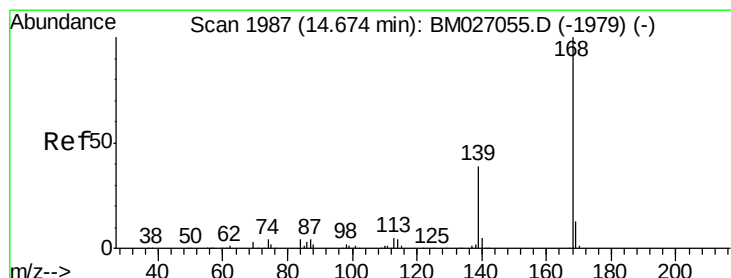
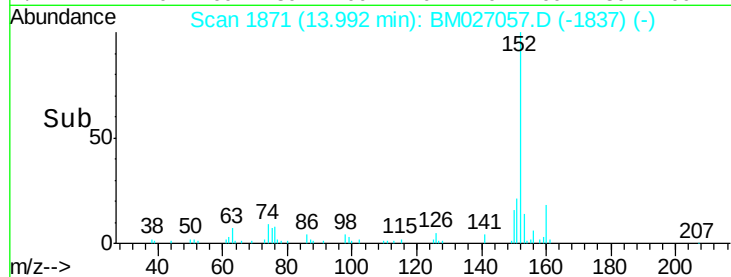
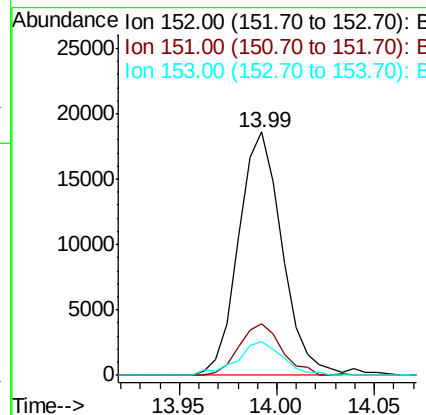
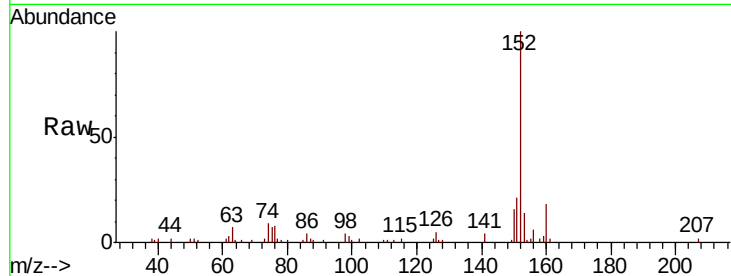
ClientSampled :

BFM75

Tot Ion:	152	Resp:	28817
Ion Ratio	Lower	Upper	
152	100		
151	21.0	15.9	23.9
153	14.1	9.8	14.8

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#54

Dibenzofuran

Concen: 1.025 ng/ul

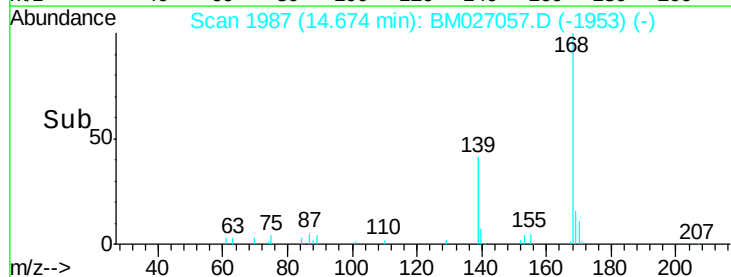
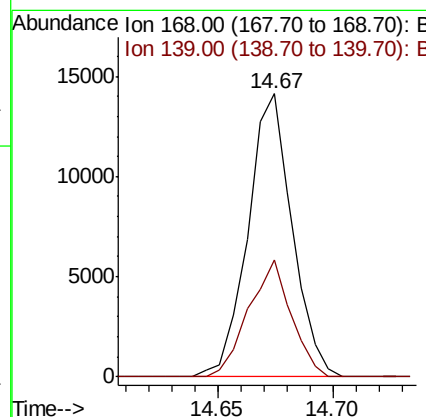
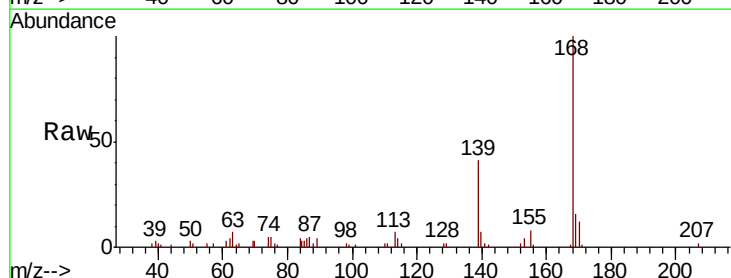
RT: 14.67 min Scan# 1987

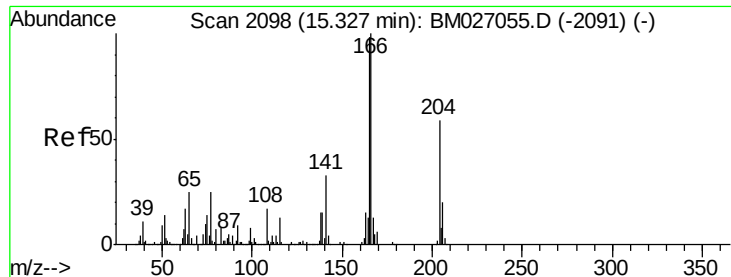
Delta R.T. 0.00 min

Lab File: BM027057.D

Acq: 13 Aug 2020 12:09

Tgt Ion:	168	Resp:	18856
Ion Ratio	Lower	Upper	
168	100		
139	41.4	29.9	44.9





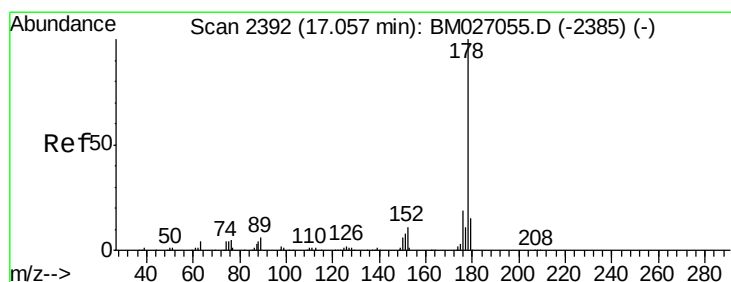
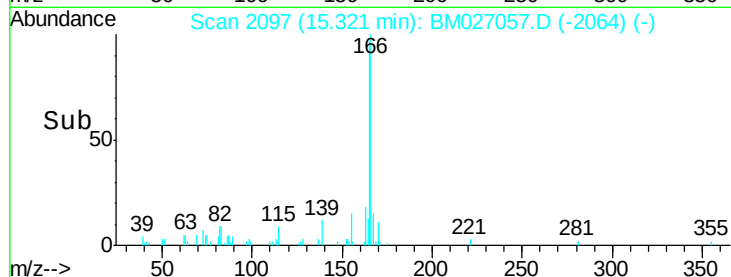
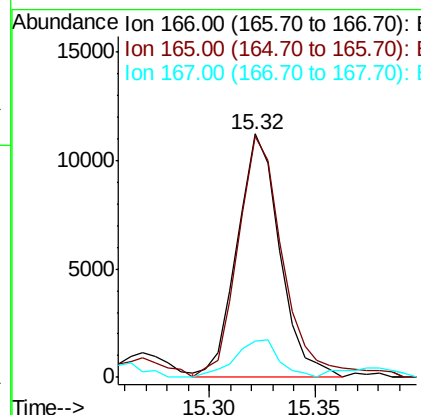
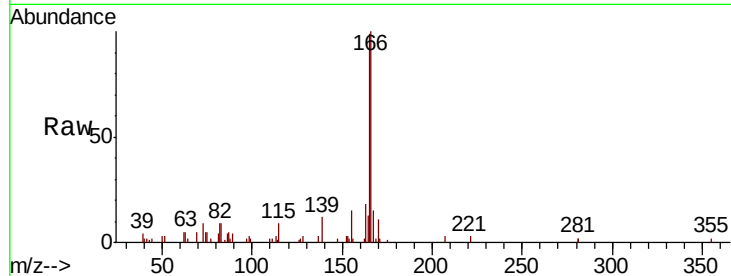
#59
Fluorene
Concen: 1.022 ng/ul
RT: 15.32 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BM027057.D
Acq: 13 Aug 2020 12:09

Instrument :
BNA_M
ClientSampleId :
BFM75

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	76.9	115.3
167	14.7	10.5	15.7

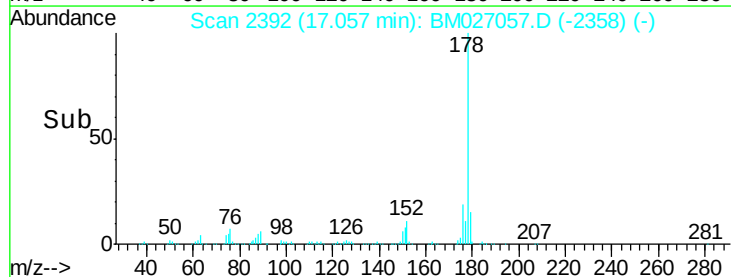
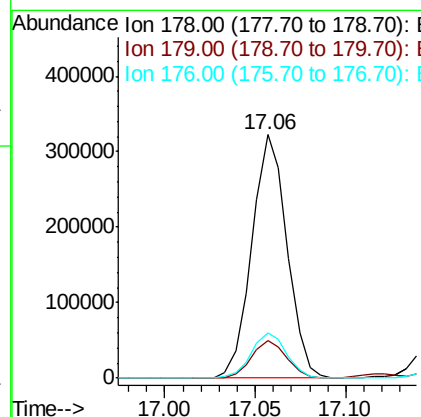
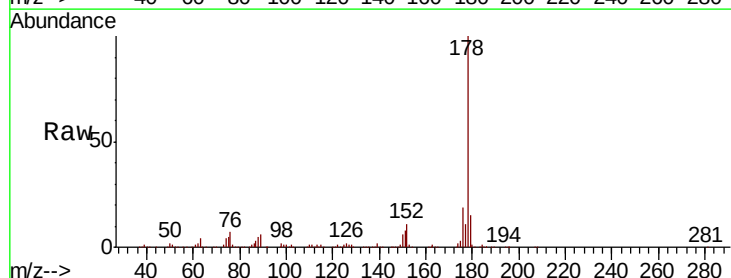
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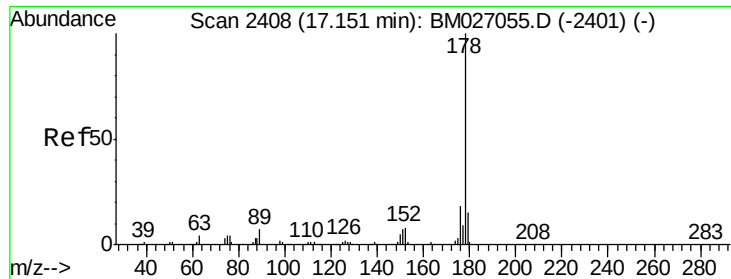
Sohil
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#70
Phenanthrene
Concen: 17.758 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM027057.D
Acq: 13 Aug 2020 12:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.9	17.9
176	18.7	14.6	22.0





#72

Anthracene

Concen: 2.691 ng/ul

RT: 17.15 min Scan# 2408

Delta R.T. 0.00 min

Lab File: BM027057.D

Acq: 13 Aug 2020 12:09

Instrument :

BNA_M

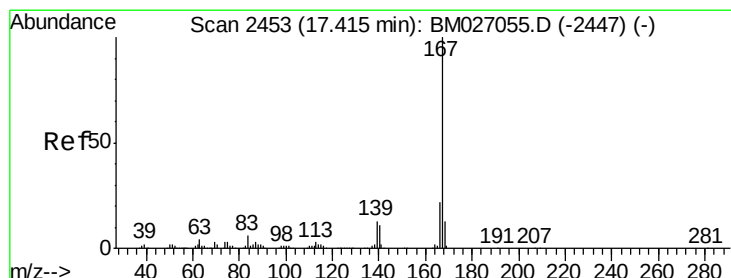
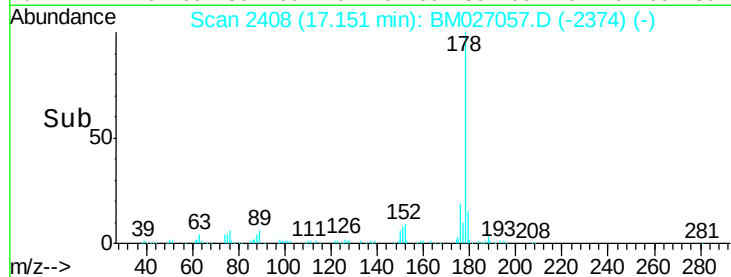
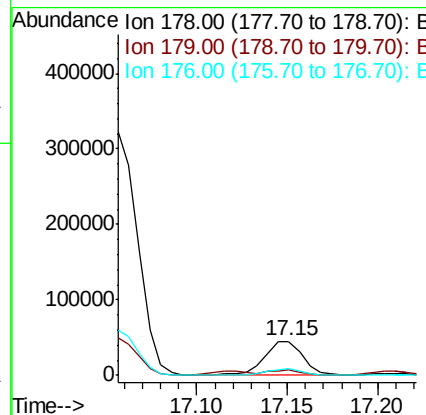
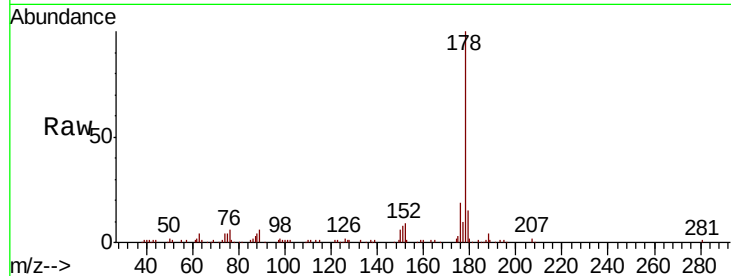
ClientSampleId :

BFM75

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.0	18.0
176	18.7	14.3	21.5

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#75

Carbazole

Concen: 1.818 ng/ul

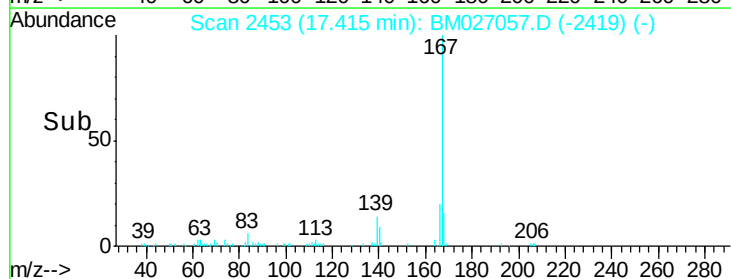
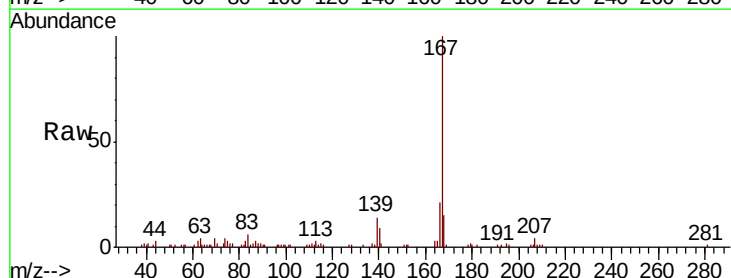
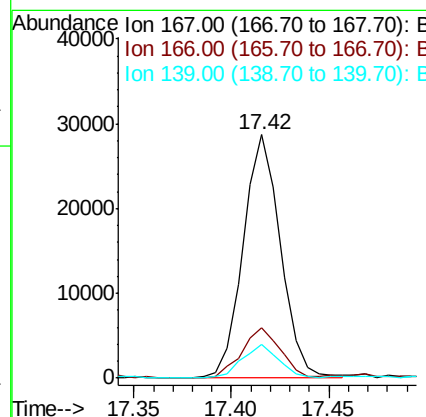
RT: 17.42 min Scan# 2453

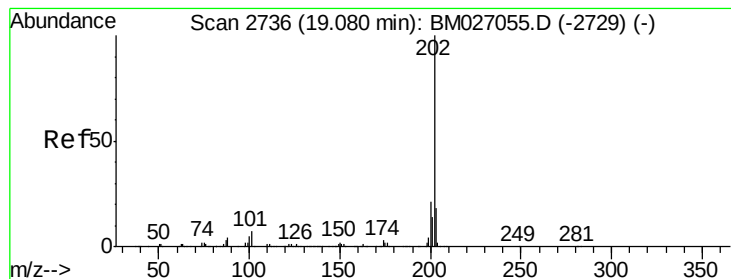
Delta R.T. 0.00 min

Lab File: BM027057.D

Acq: 13 Aug 2020 12:09

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.0	25.6
139	13.9	9.8	14.6





#77

Fluoranthene

Concen: 25.887 ng/ul

RT: 19.08 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BM027057.D

Acq: 13 Aug 2020 12:09

Instrument :

BNA_M

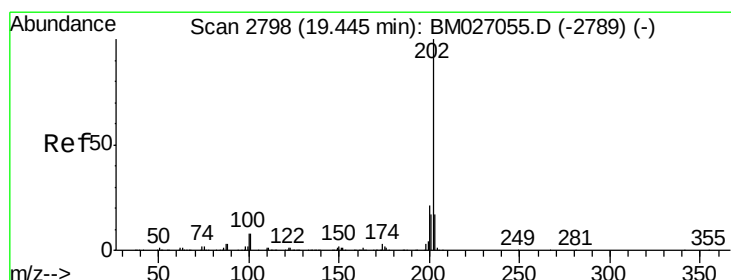
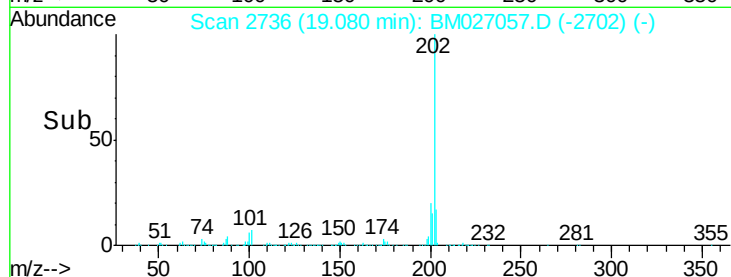
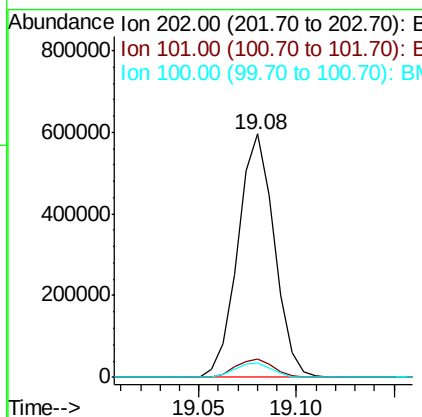
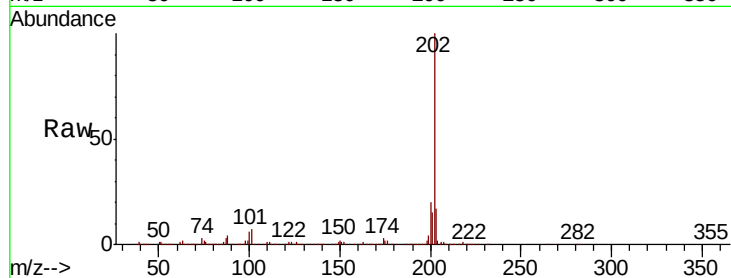
ClientSampleId :

BFM75

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		768891		
101	7.4	6.7	10.1		
100	5.7	5.4	8.2		

Manual Integrations
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#80

Pyrene

Concen: 18.185 ng/ul

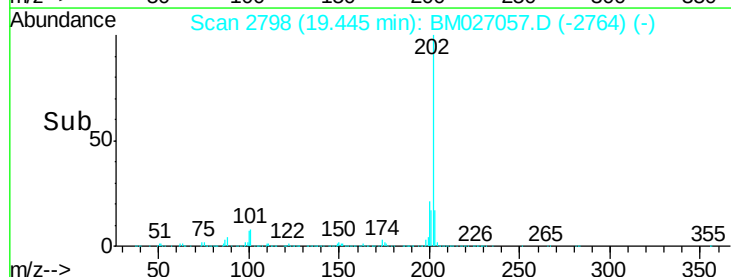
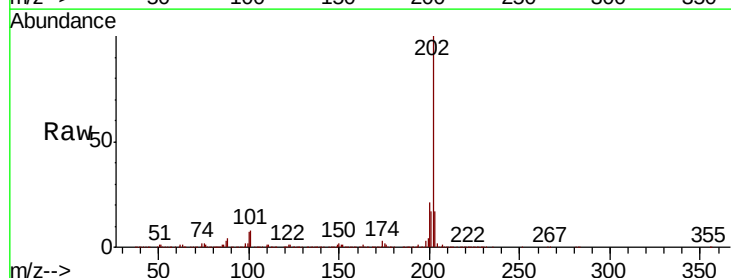
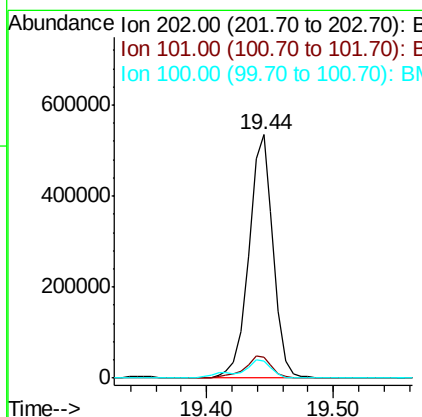
RT: 19.44 min Scan# 2798

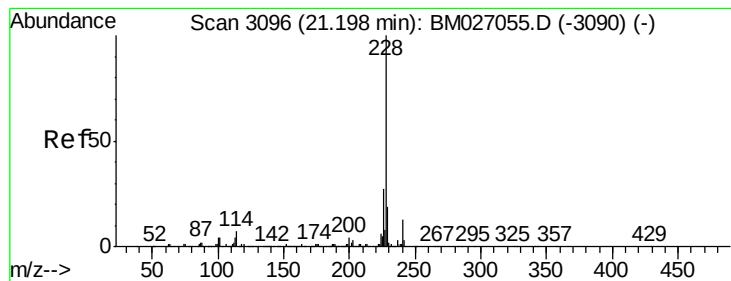
Delta R.T. 0.00 min

Lab File: BM027057.D

Acq: 13 Aug 2020 12:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		707789		
101	8.3	7.6	11.4		
100	7.2	6.3	9.5		





#83

Benzo(a)anthracene

Concen: 12.315 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM027057.D

Acq: 13 Aug 2020 12:09

Instrument :

BNA_M

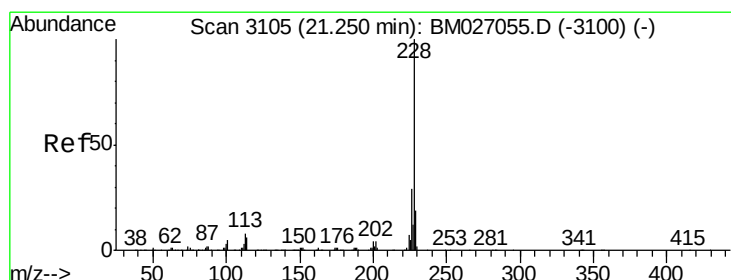
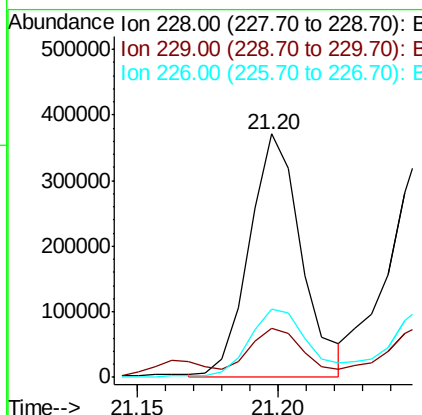
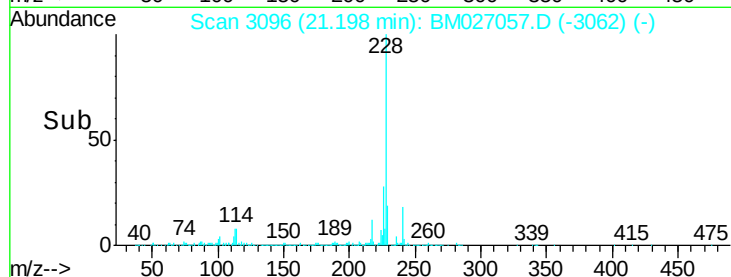
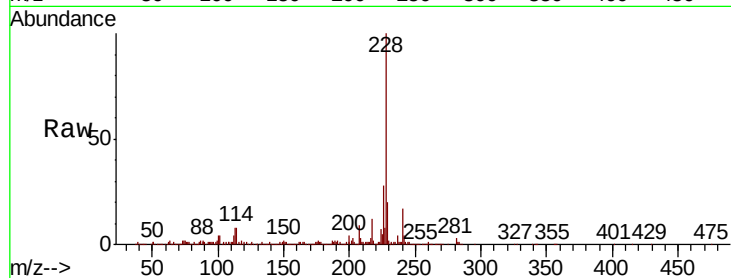
ClientSampled :

BFM75

Tot Ion:	228	Resp:	475400
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.8	23.6
226	28.0	21.2	31.8

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#85

Chrysene

Concen: 12.614 ng/ul

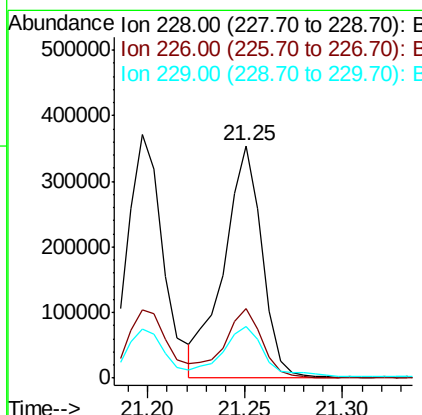
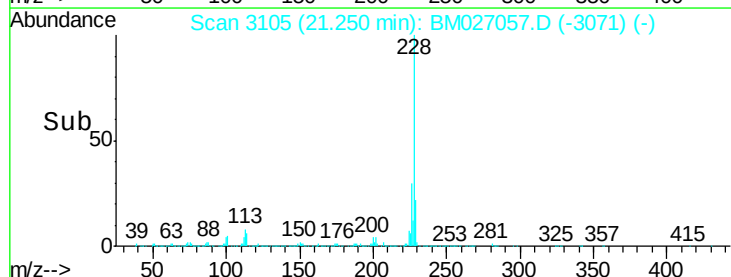
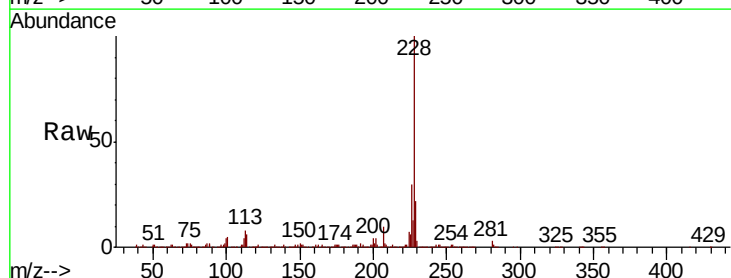
RT: 21.25 min Scan# 3105

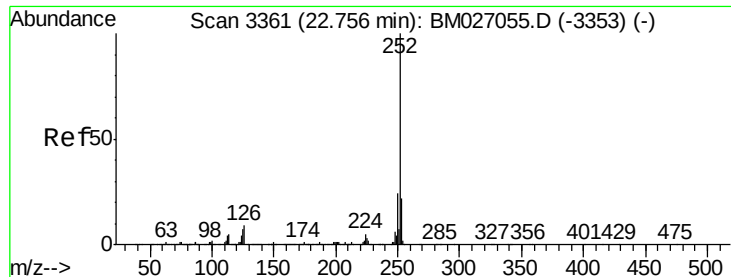
Delta R.T. 0.00 min

Lab File: BM027057.D

Acq: 13 Aug 2020 12:09

Tgt Ion:	228	Resp:	477945
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.8	35.6
229	22.3	15.8	23.8





#88

Benzo(b)fluoranthene

Concen: 16.621 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. 0.01 min

Lab File: BM027057.D

Acq: 13 Aug 2020 12:09

Instrument :

BNA_M

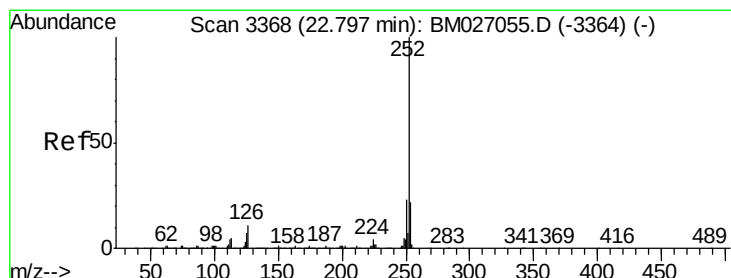
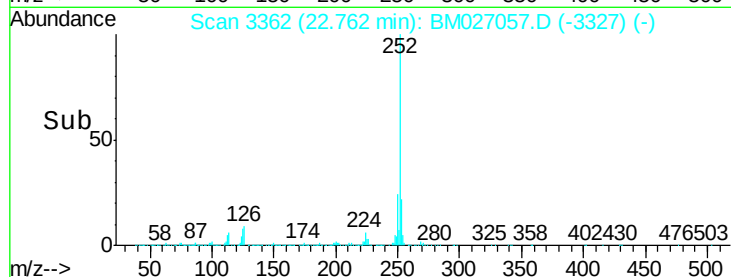
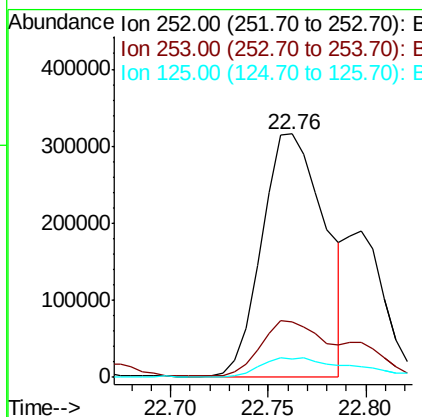
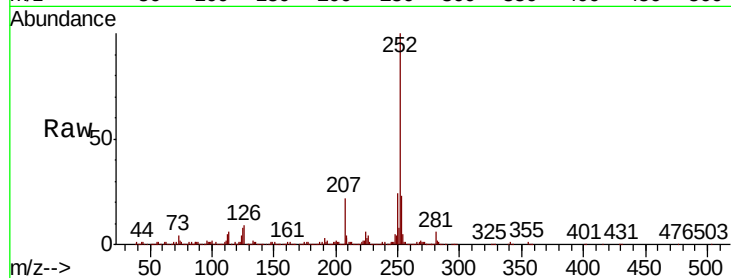
ClientSampleId :

BFM75

Tot Ion:	252	Resp:	702394
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.6	26.4
125	7.7	6.0	9.0

Manual Integrations
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#89

Benzo(k)fluoranthene

Concen: 6.183 ng/ul m

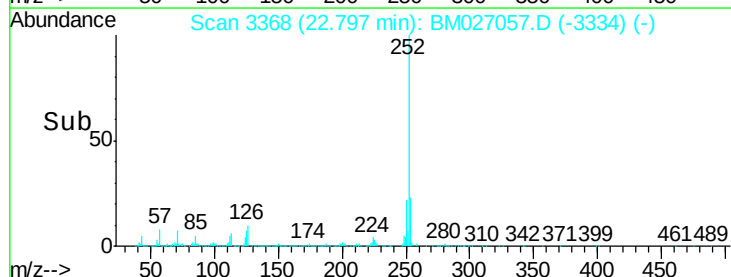
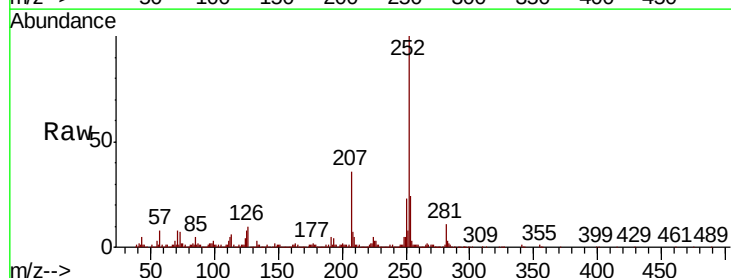
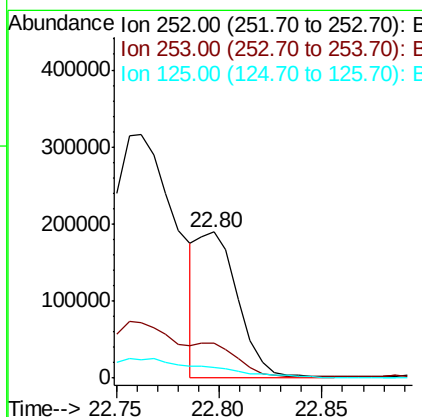
RT: 22.80 min Scan# 3368

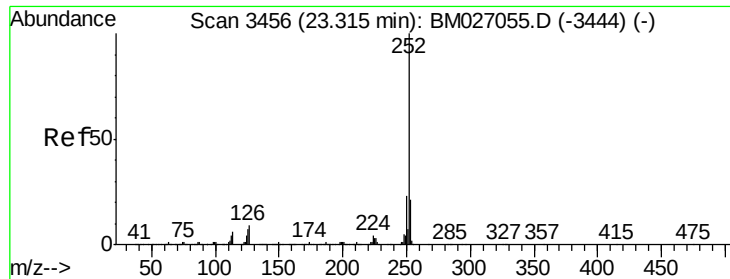
Delta R.T. 0.00 min

Lab File: BM027057.D

Acq: 13 Aug 2020 12:09

Tgt Ion:	252	Resp:	258953
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.2	25.8
125	7.5	5.5	8.3





#91

Benzo(a)pyrene

Concen: 12.928 ng/ul

RT: 23.32 min Scan# 3457

Delta R.T. 0.01 min

Lab File: BM027057.D

Acq: 13 Aug 2020 12:09

Instrument :

BNA_M

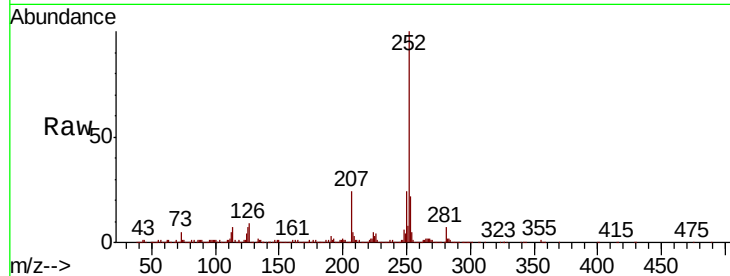
ClientSampleId :

BFM75

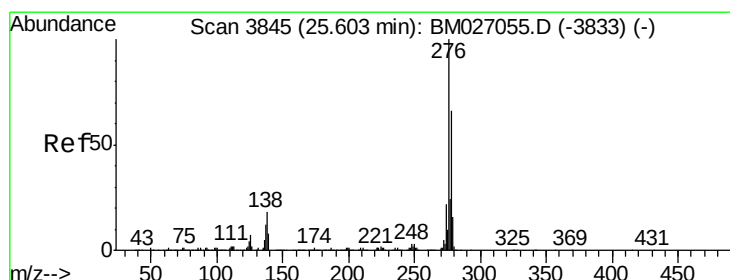
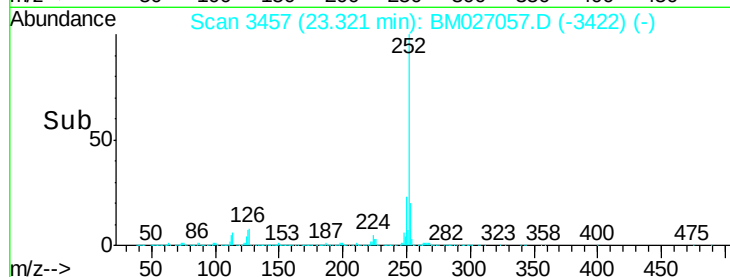
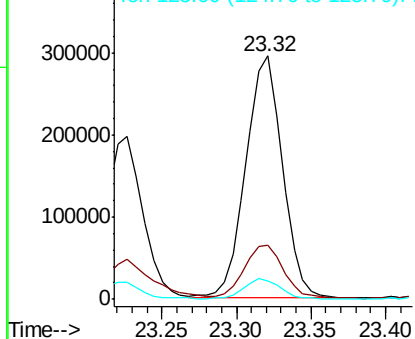
Tot Ion:	252	Resp:	497192
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.0	25.4
125	7.4	5.8	8.8

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92

Indeno(1,2,3-cd)pyrene

Concen: 7.259 ng/ul

RT: 25.60 min Scan# 3845

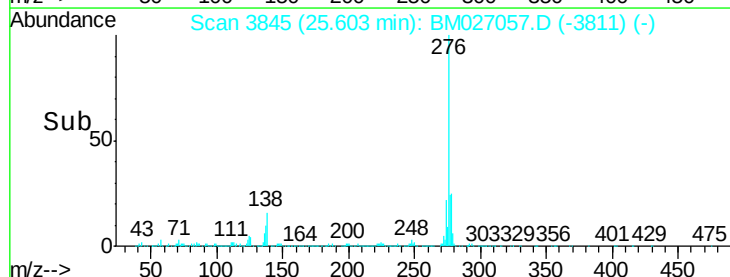
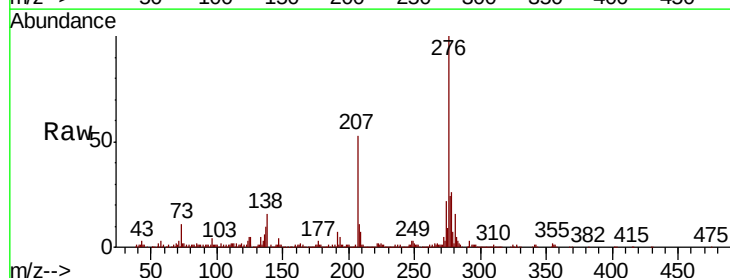
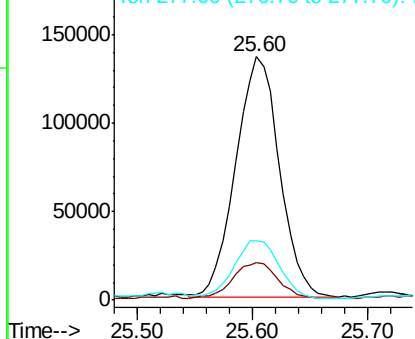
Delta R.T. 0.00 min

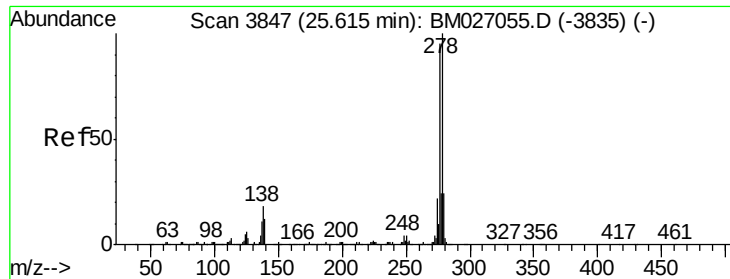
Lab File: BM027057.D

Acq: 13 Aug 2020 12:09

Tgt Ion:	276	Resp:	359706
Ion Ratio	Lower	Upper	
276	100		
138	15.6	13.9	20.9
277	24.2	19.8	29.8

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





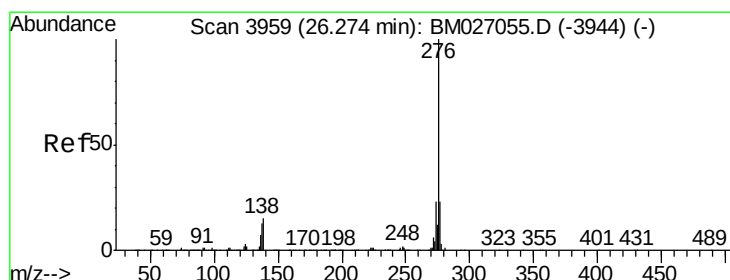
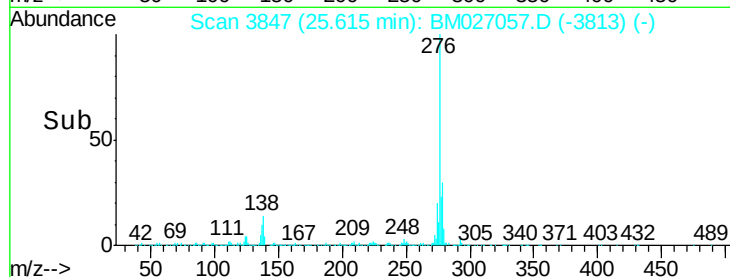
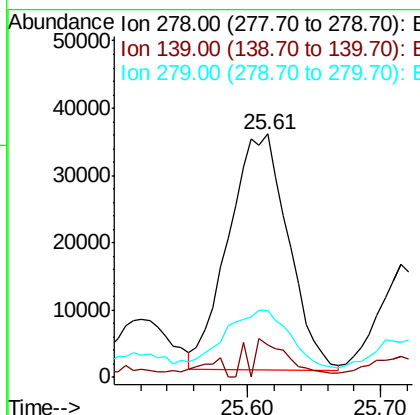
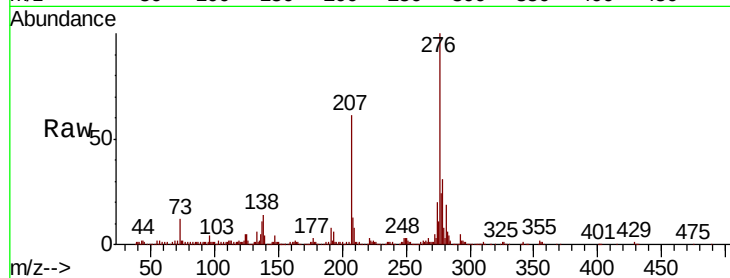
#93
Dibenzo(a,h)anthracene
Concen: 2.579 ng/ul
RT: 25.61 min Scan# 3847
Delta R.T. 0.00 min
Lab File: BM027057.D
Acq: 13 Aug 2020 12:09

Instrument :
BNA_M
ClientSampleId :
BFM75

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.5	9.4	14.0
279	27.4	18.7	28.1

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#94
Benzo(g,h,i)perylene
Concen: 6.146 ng/ul
RT: 26.27 min Scan# 3959
Delta R.T. 0.00 min
Lab File: BM027057.D
Acq: 13 Aug 2020 12:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.7	12.3	18.5
277	24.5	19.0	28.6

