

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027060.D
 Acq On : 13 Aug 2020 13:59
 Operator : JU/CG
 Sample : L3630-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFM77

Manual Integrations
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Sohil
 8/14/2020 2:54:08 PM

Quant Time: Aug 13 14:35:23 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	104307	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	386053	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	244058	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	513374	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	520281	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	531766	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	10679	4.65	ng/uL	0.00
5) Phenol-d5	6.82	99	270680	33.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	177086	31.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	209650	32.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	217942	34.47	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	97690	31.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	107624	33.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	229561	34.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	263872	34.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	707687	36.36	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	869297	37.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	94342	28.71	ng/ul	0.00
58) Fluorene-d10	15.27	176	610514	35.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	73980	26.38	ng/ul	0.00
71) Anthracene-d10	17.12	188	927820	36.68	ng/ul	0.00
79) Pyrene-d10	19.42	212	1042499	40.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	1127787	37.99	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.46	128	48412	2.256	ng/ul	98
34) 2-Methylnaphthalene	12.08	142	17970	1.142	ng/ul	97
45) Dimethylphthalate	13.74	163	223337	10.950	ng/ul	99
48) Acenaphthylene	13.99	152	76396	3.240	ng/ul	98
50) Acenaphthene	14.34	153	21846	1.307	ng/ul	97
54) Dibenzofuran	14.67	168	60956	2.549	ng/ul	100
59) Fluorene	15.33	166	31903	1.594	ng/ul	92
70) Phenanthrene	17.06	178	1157381	37.605	ng/ul	99
72) Anthracene	17.15	178	124404	3.972	ng/ul	97
75) Carbazole	17.42	167	92848	3.512	ng/ul	98
77) Fluoranthene	19.08	202	1614832	43.269	ng/ul	100
80) Pyrene	19.44	202	1370875	38.818	ng/ul	99
83) Benzo(a)anthracene	21.20	228	630072	17.989	ng/ul	96
85) Chrysene	21.25	228	758842	22.072	ng/ul	98
88) Benzo(b)fluoranthene	22.76	252	1070485	28.990	ng/ul	98
89) Benzo(k)fluoranthene	22.80	252	396727m	10.841	ng/ul	
91) Benzo(a)pyrene	23.32	252	732631	21.801	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.61	276	556883	12.861	ng/ul	97
93) Dibenzo(a,h)anthracene	25.61	278	156837	4.276	ng/ul#	93
94) Benzo(g,h,i)perylene	26.28	276	377450	10.553	ng/ul	99

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

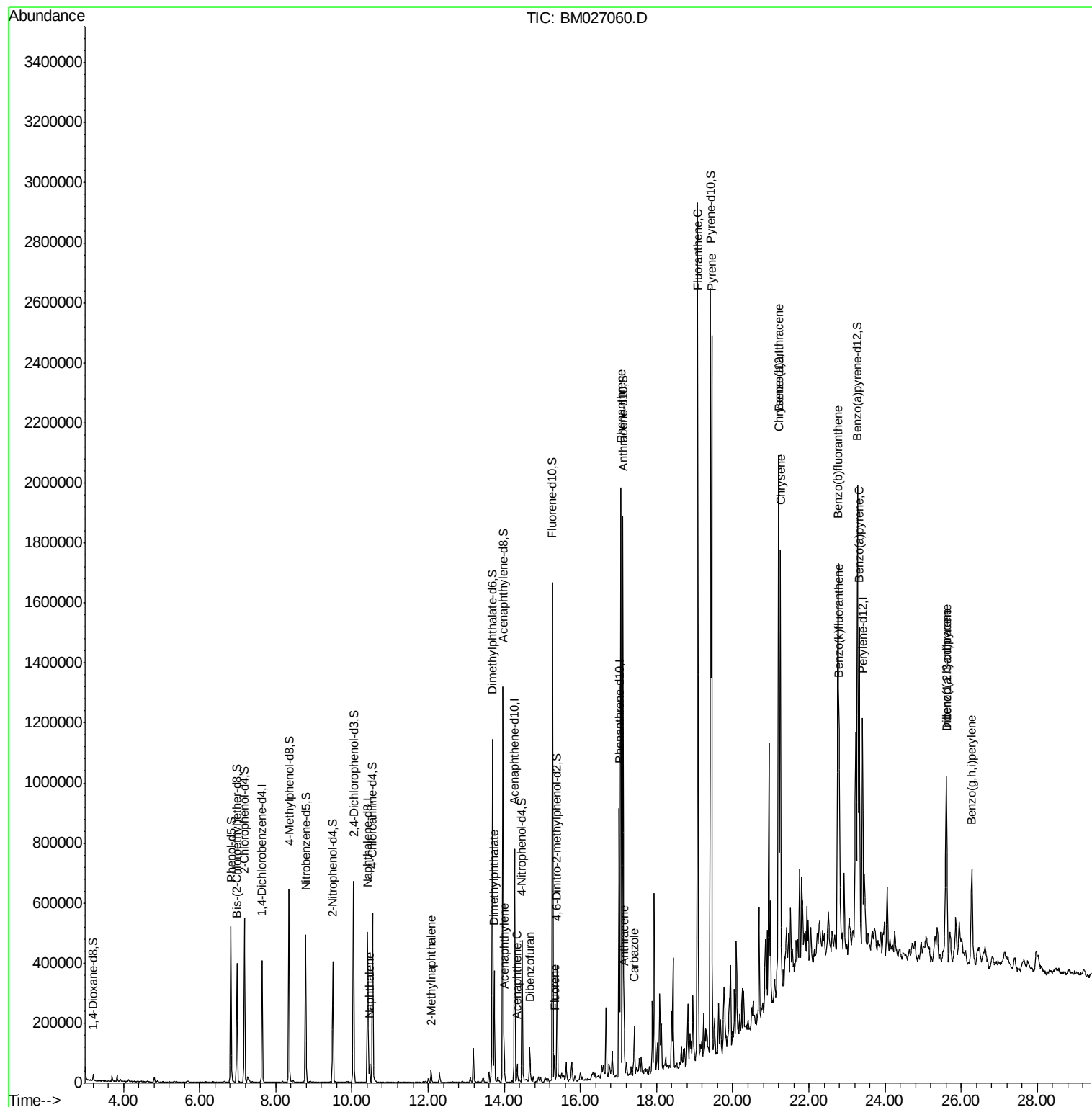
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027060.D
Acq On : 13 Aug 2020 13:59
Operator : JU/CG
Sample : L3630-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

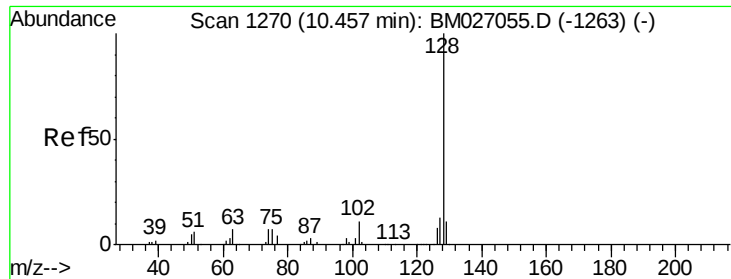
Instrument :
BNA_M
ClientSampleId :
BFM77

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
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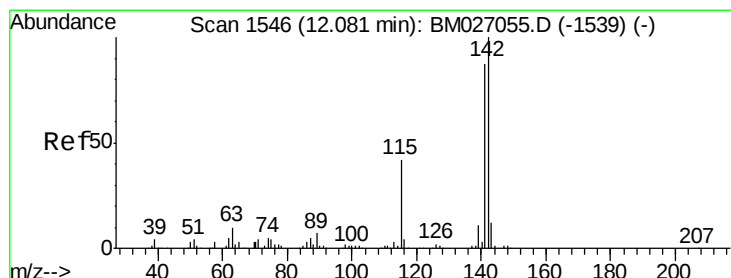
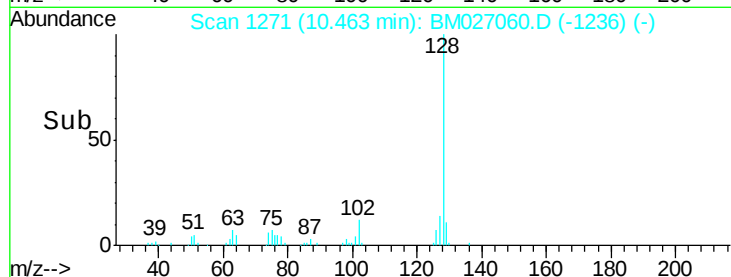
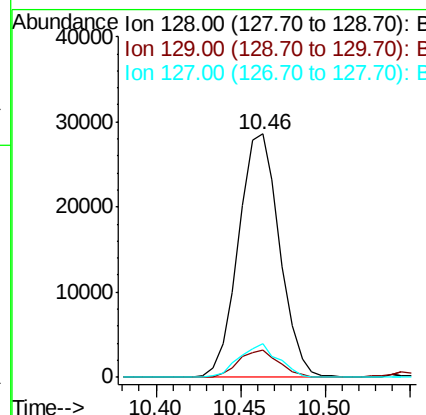
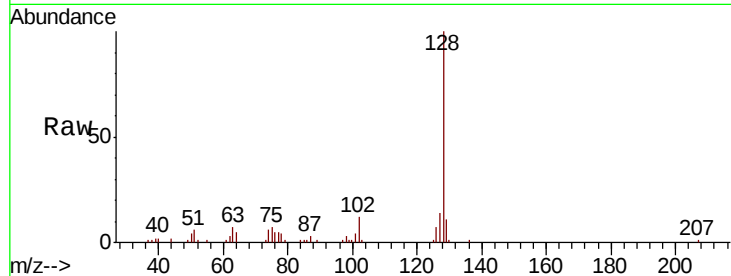
#28
Naphthalene
Concen: 2.256 ng/ul
RT: 10.46 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BM027060.D
Acq: 13 Aug 2020 13:59

Instrument :
BNA_M
ClientSampleId :
BFM77

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	14.1	10.5	15.7

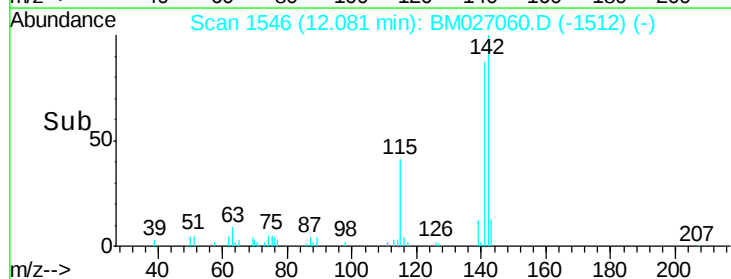
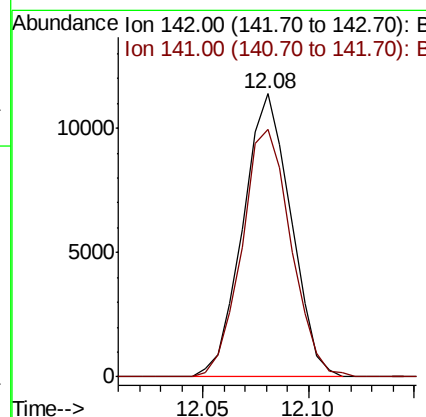
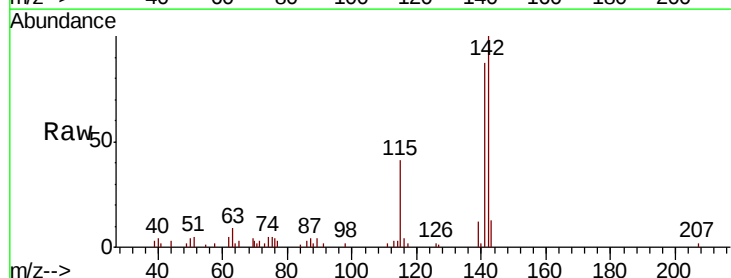
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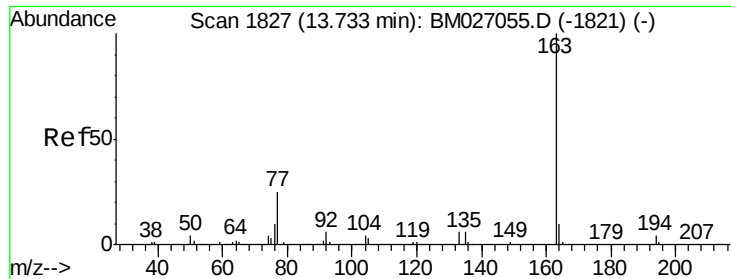
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#34
2-Methylnaphthalene
Concen: 1.142 ng/ul
RT: 12.08 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BM027060.D
Acq: 13 Aug 2020 13:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.3	72.4	108.6





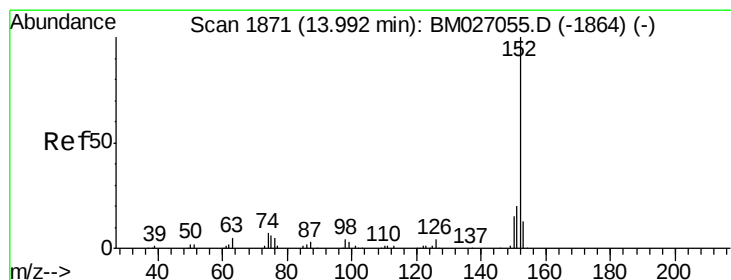
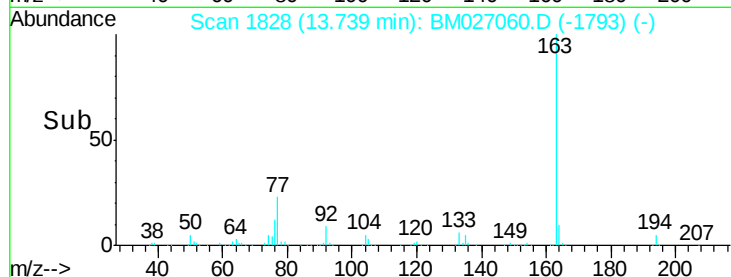
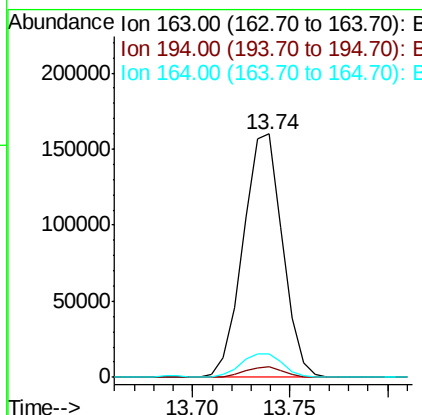
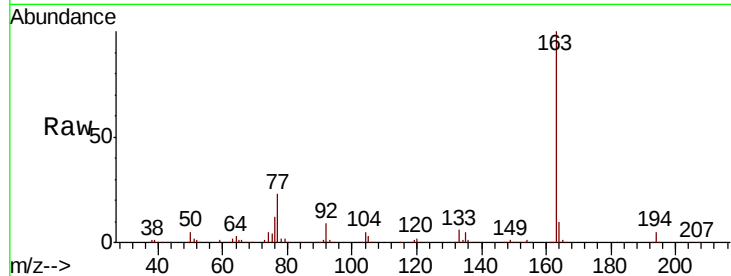
#45
Dimethylphthalate
Concen: 10.950 ng/ul
RT: 13.74 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BM027060.D
Acq: 13 Aug 2020 13:59

Instrument :
BNA_M
ClientSampled :
BFM77

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	9.8	8.2	12.2

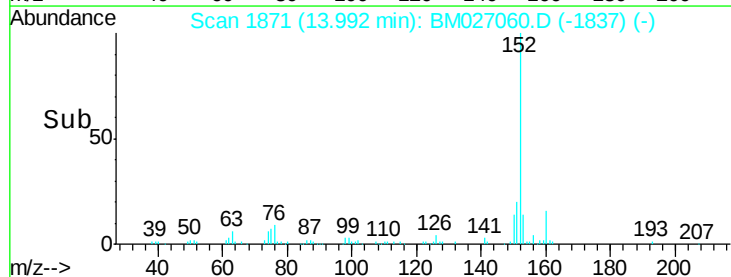
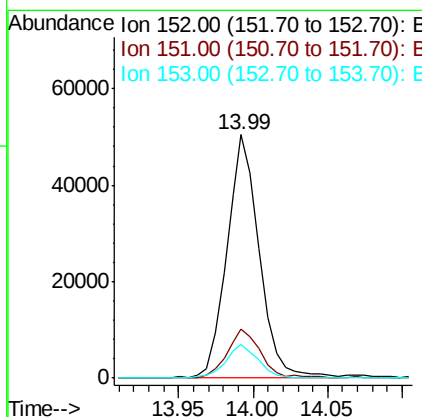
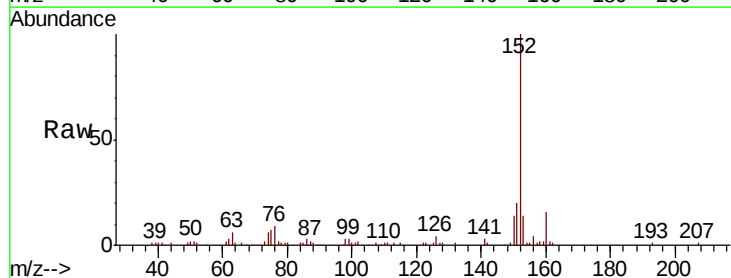
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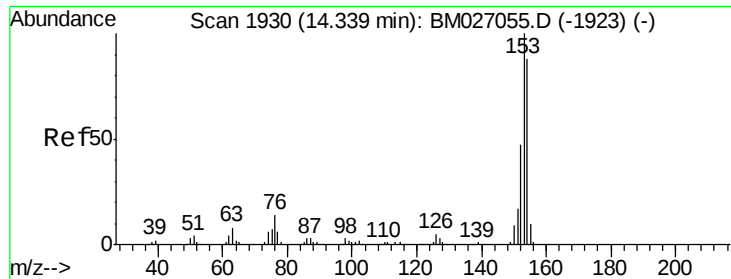
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#48
Acenaphthylene
Concen: 3.240 ng/ul
RT: 13.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BM027060.D
Acq: 13 Aug 2020 13:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.9	23.9
153	13.9	9.8	14.8





#50

Acenaphthene

Concen: 1.307 ng/ul

RT: 14.34 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BM027060.D

Acq: 13 Aug 2020 13:59

Instrument :

BNA_M

ClientSampled :

BFM77

Tot Ion:153 Resp: 21846

Ion Ratio Lower Upper

153 100

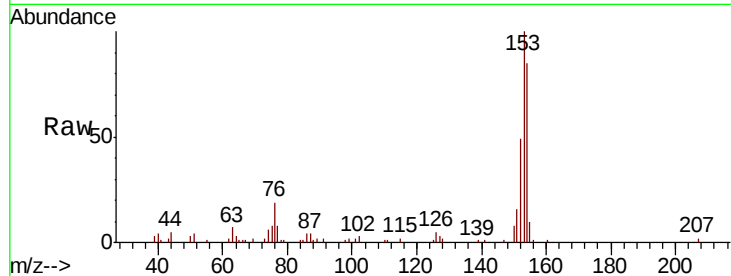
152 49.0 35.9 53.9

154 84.8 69.4 104.0

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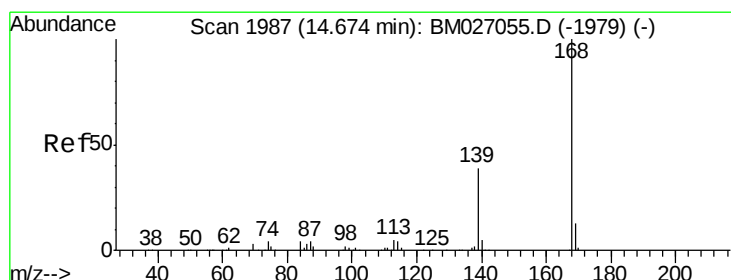
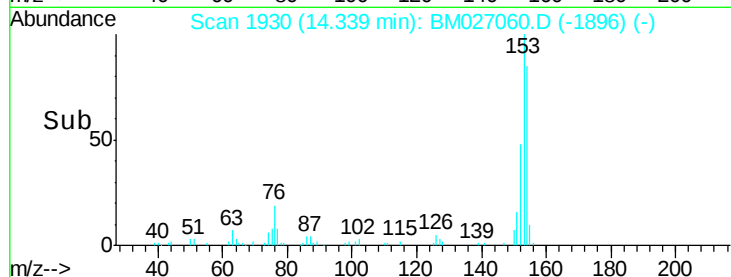
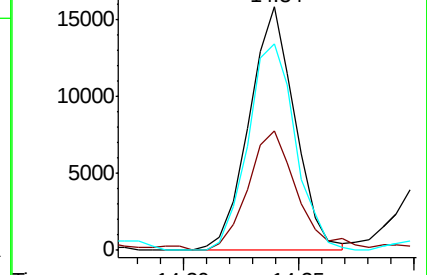
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 2.549 ng/ul

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BM027060.D

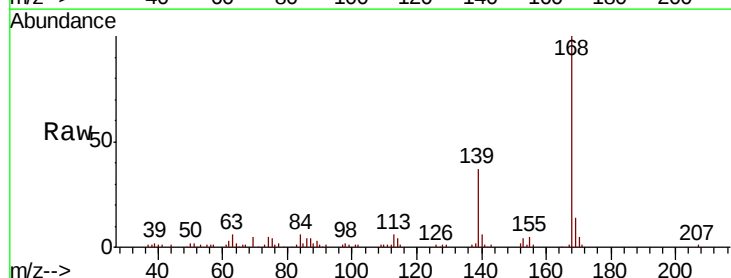
Acq: 13 Aug 2020 13:59

Tgt Ion:168 Resp: 60956

Ion Ratio Lower Upper

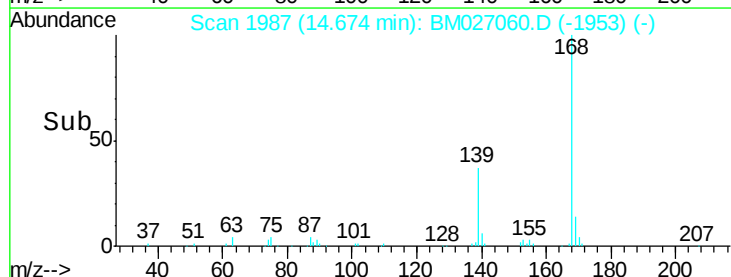
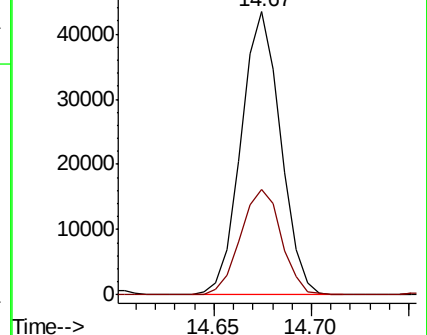
168 100

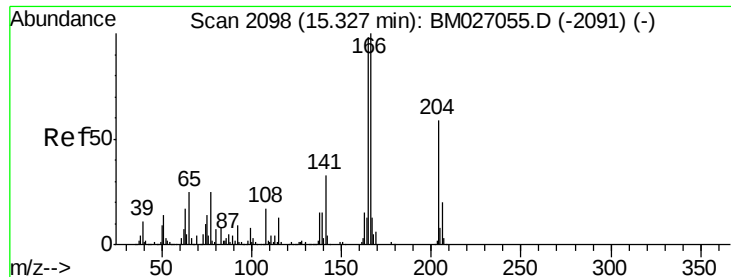
139 37.1 29.9 44.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





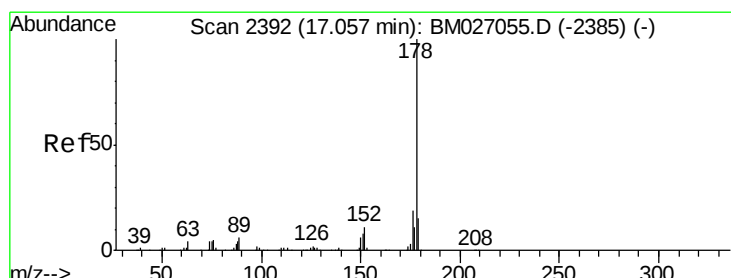
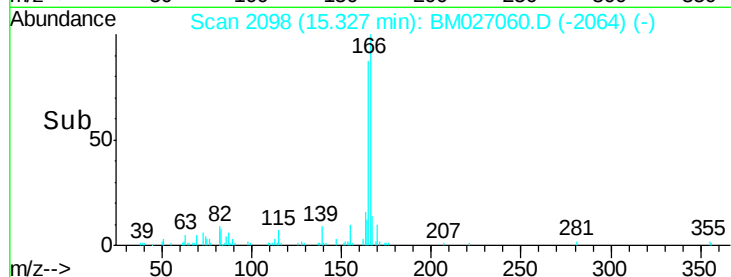
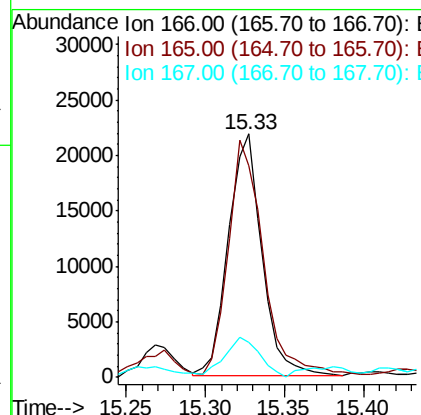
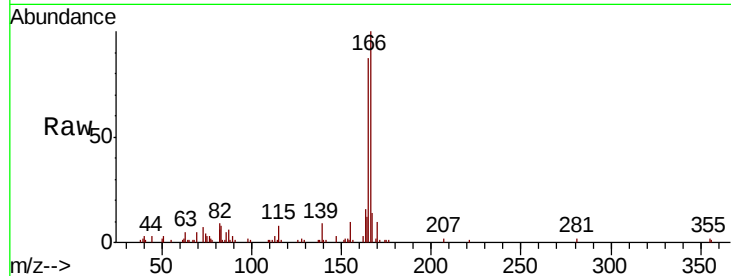
#59
Fluorene
 Concen: 1.594 ng/ul
 RT: 15.33 min Scan# 2098
 Delta R.T. 0.00 min
 Lab File: BM027060.D
 Acq: 13 Aug 2020 13:59

Instrument :
 BNA_M
 ClientSampleId :
 BFM77

Tot Ion	Ratio	Lower	Upper
166	100		
165	87.2	76.9	115.3
167	14.5	10.5	15.7

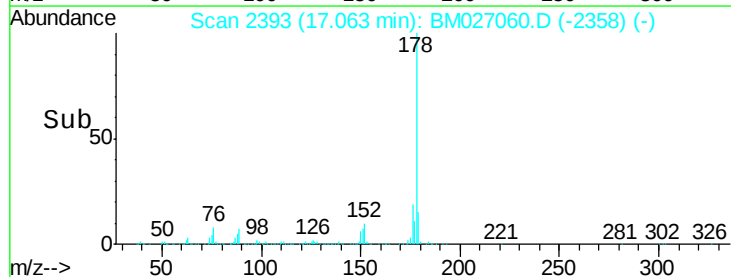
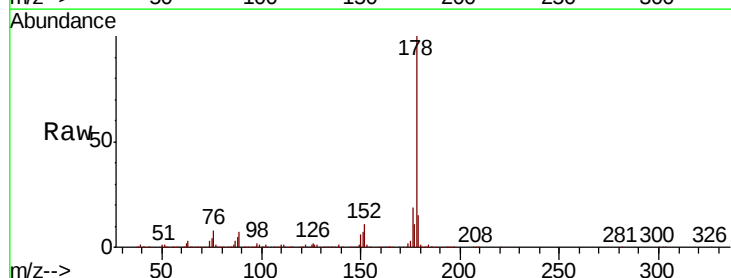
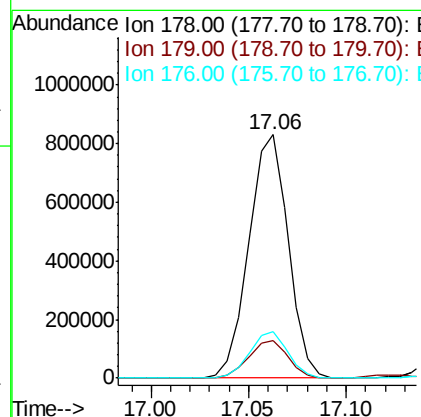
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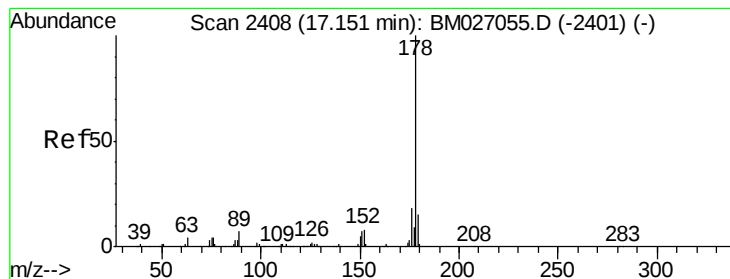
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#70
Phenanthrene
 Concen: 37.605 ng/ul
 RT: 17.06 min Scan# 2393
 Delta R.T. 0.01 min
 Lab File: BM027060.D
 Acq: 13 Aug 2020 13:59

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.9	17.9
176	19.0	14.6	22.0





#72

Anthracene

Concen: 3.972 ng/ul

RT: 17.15 min Scan# 2408

Delta R.T. 0.00 min

Lab File: BM027060.D

Acq: 13 Aug 2020 13:59

Instrument :

BNA_M

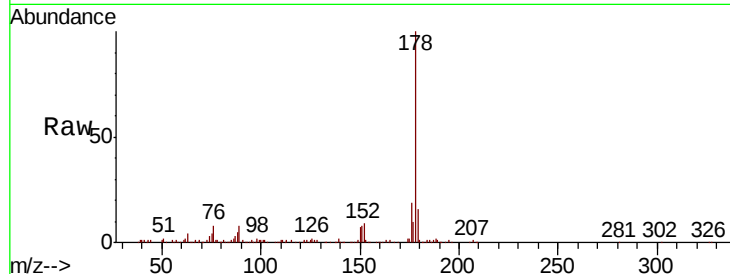
ClientSampleId :

BFM77

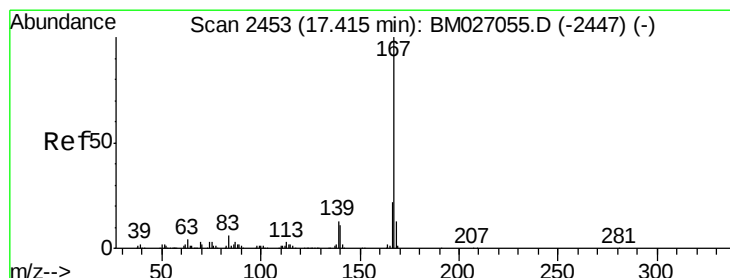
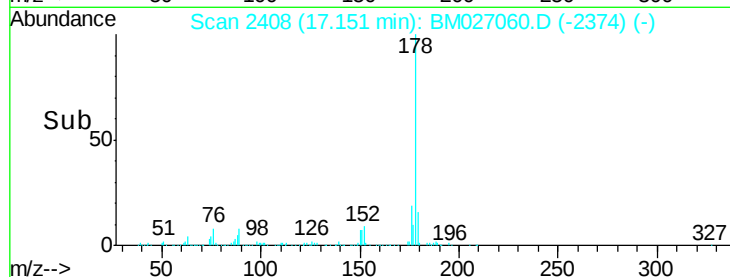
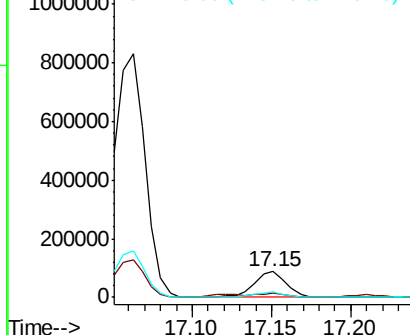
Tot Ion:	178	Resp:	124404
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.0	18.0
176	19.2	14.3	21.5

Manual Integrations
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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



#75

Carbazole

Concen: 3.512 ng/ul

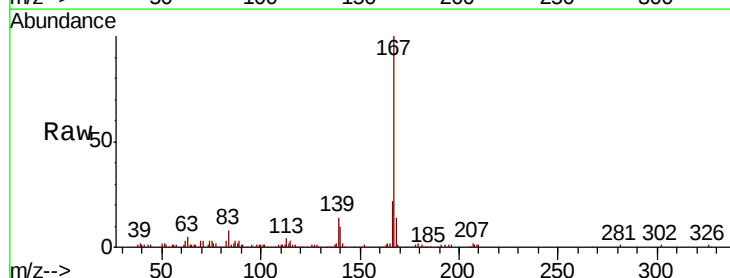
RT: 17.42 min Scan# 2453

Delta R.T. 0.00 min

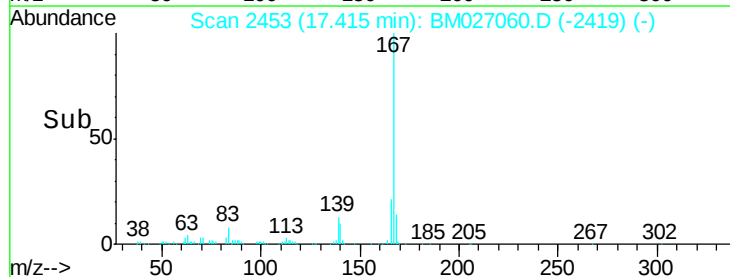
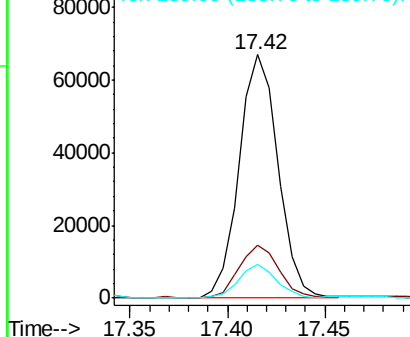
Lab File: BM027060.D

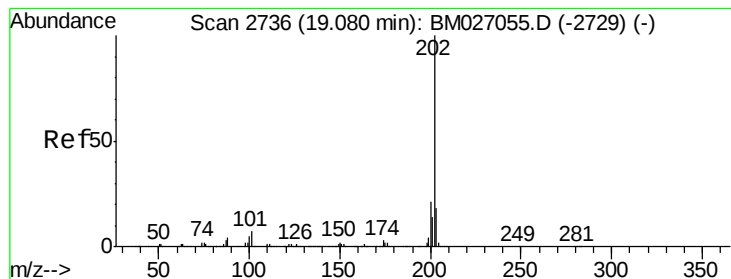
Acq: 13 Aug 2020 13:59

Tgt Ion:	167	Resp:	92848
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.0	25.6
139	13.7	9.8	14.6



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 43.269 ng/ul

RT: 19.08 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BM027060.D

Acq: 13 Aug 2020 13:59

Instrument :

BNA_M

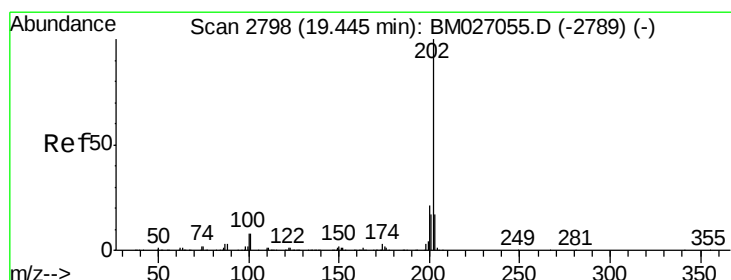
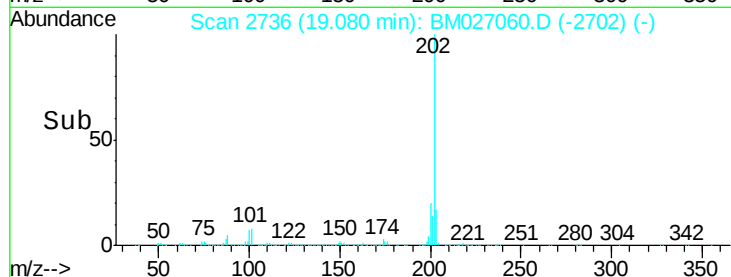
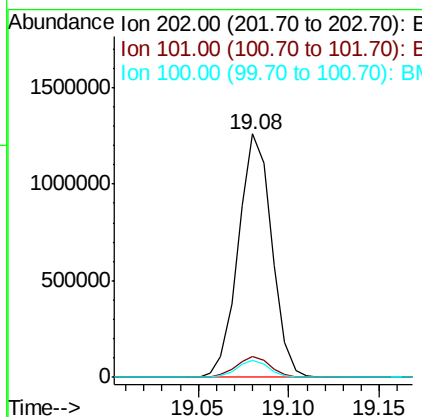
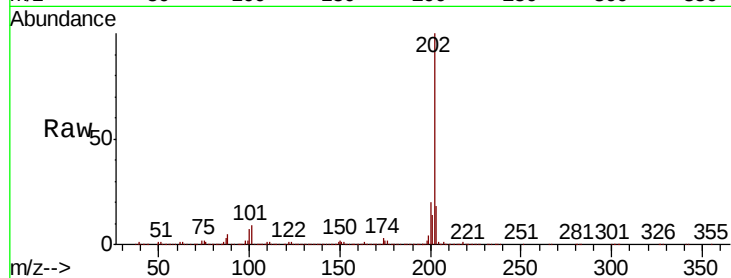
ClientSampleId :

BFM77

Tot Ion:	202	Resp:	1614832
Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.7	10.1
100	6.8	5.4	8.2

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#80

Pyrene

Concen: 38.818 ng/ul

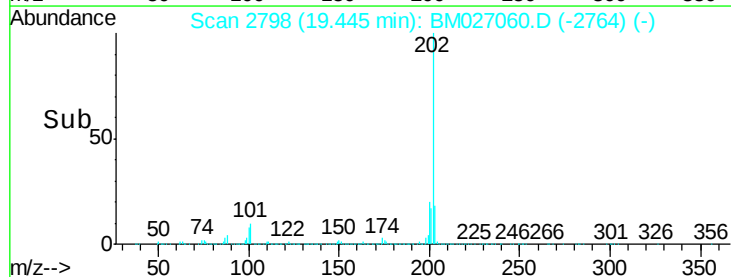
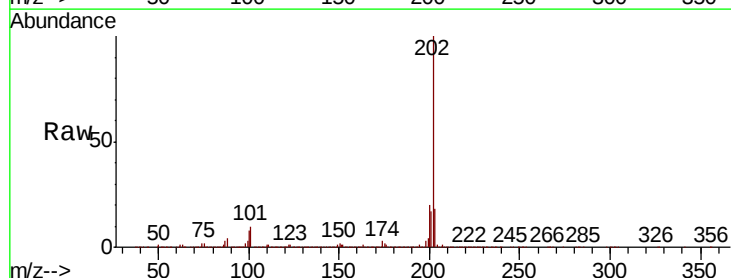
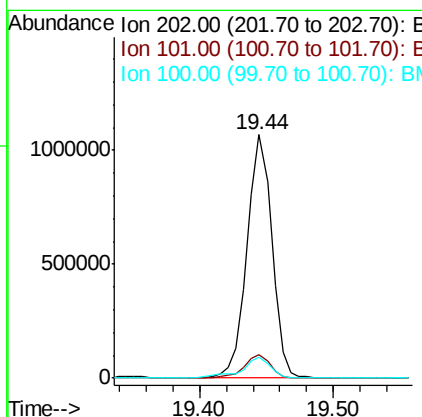
RT: 19.44 min Scan# 2798

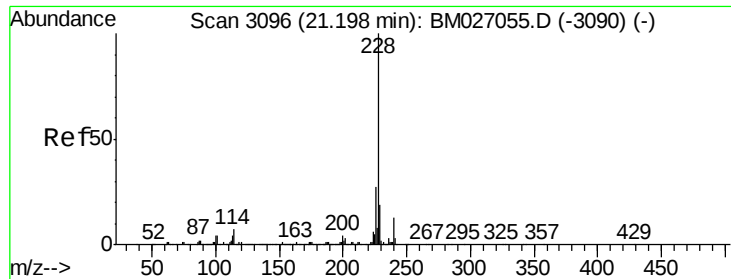
Delta R.T. 0.00 min

Lab File: BM027060.D

Acq: 13 Aug 2020 13:59

Tgt Ion:	202	Resp:	1370875
Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.6	11.4
100	8.4	6.3	9.5





#83

Benzo(a)anthracene

Concen: 17.989 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM027060.D

Acq: 13 Aug 2020 13:59

Instrument :

BNA_M

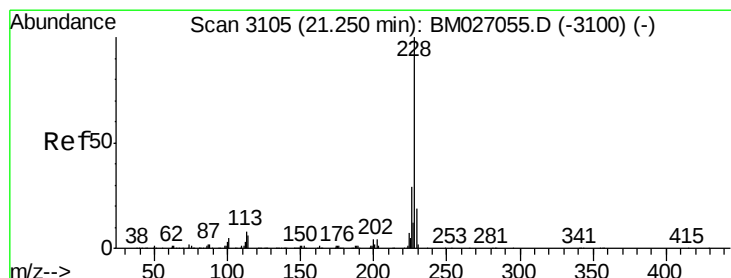
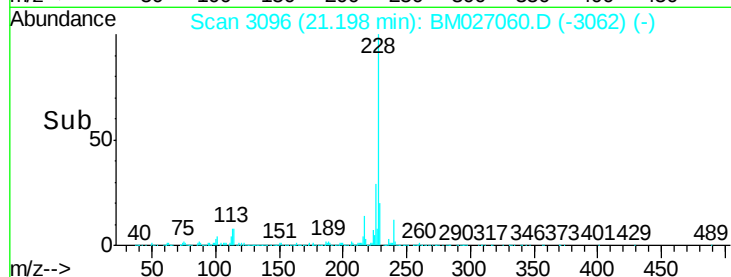
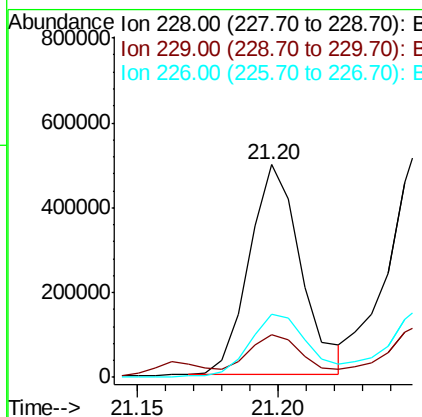
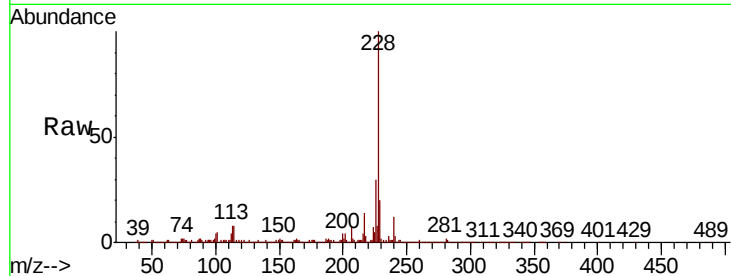
ClientSampleId :

BFM77

Tot Ion:	228	Resp:	630072
Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.8	23.6
226	29.6	21.2	31.8

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#85

Chrysene

Concen: 22.072 ng/ul

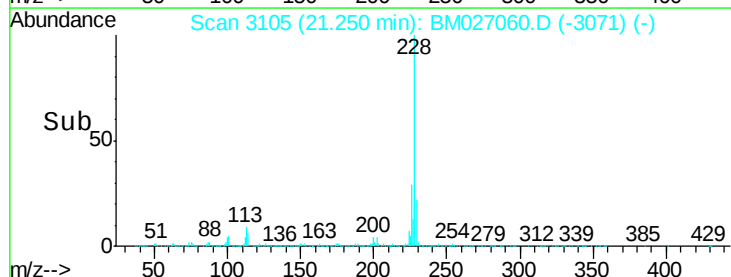
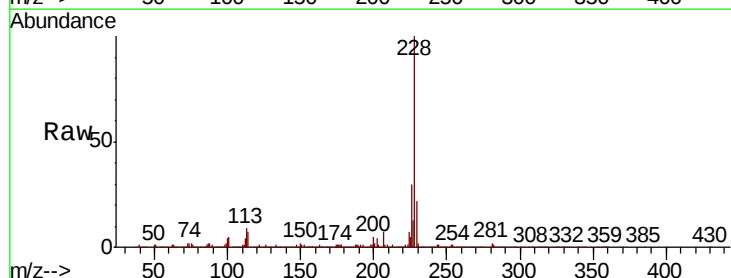
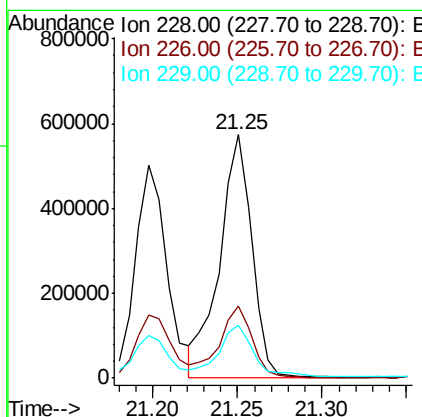
RT: 21.25 min Scan# 3105

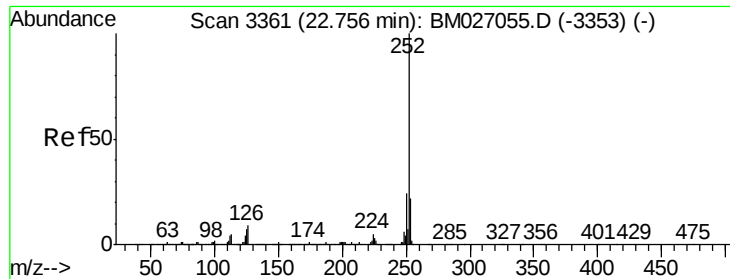
Delta R.T. 0.00 min

Lab File: BM027060.D

Acq: 13 Aug 2020 13:59

Tgt Ion:	228	Resp:	758842
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.8	35.6
229	22.0	15.8	23.8





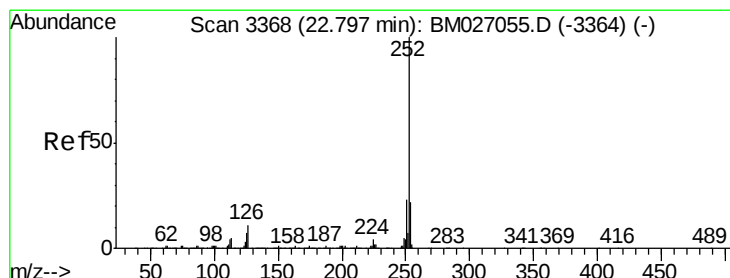
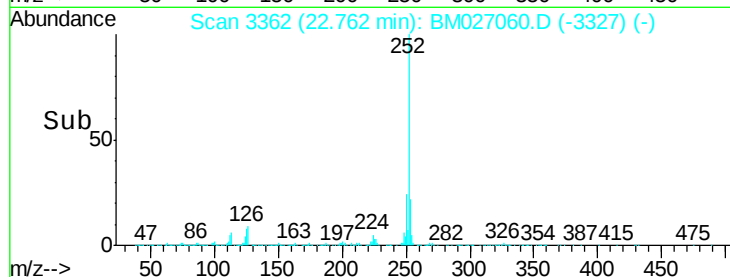
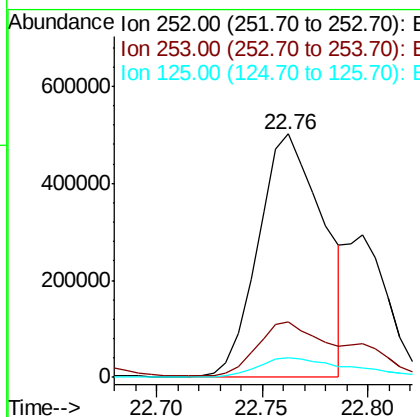
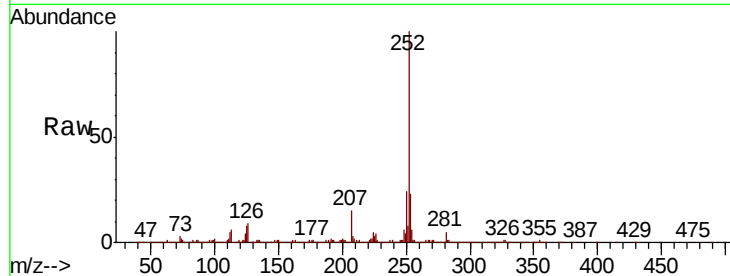
#88
Benzo(b)fluoranthene
Concen: 28.990 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BM027060.D
Acq: 13 Aug 2020 13:59

Instrument :
BNA_M
ClientSampleId :
BFM77

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	8.1	6.0	9.0

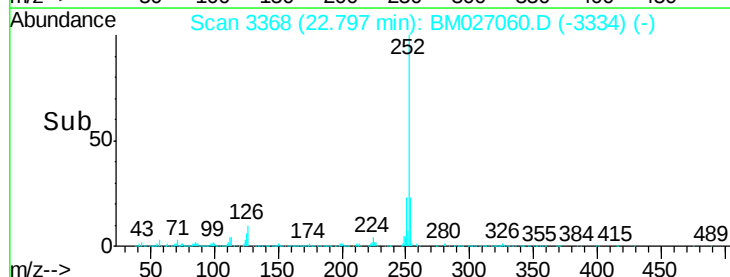
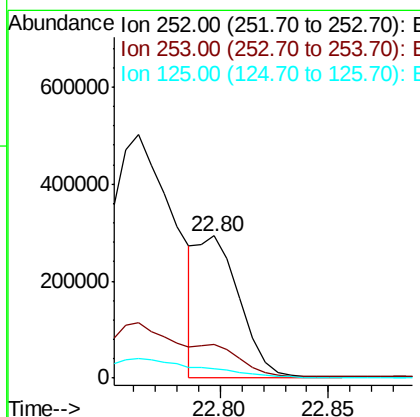
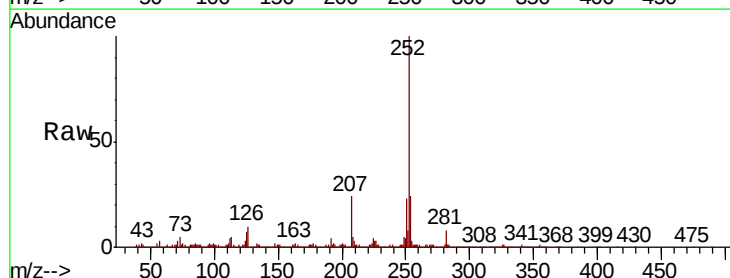
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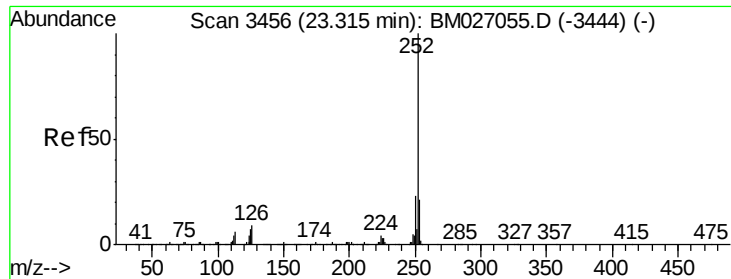
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#89
Benzo(k)fluoranthene
Concen: 10.841 ng/ul m
RT: 22.80 min Scan# 3368
Delta R.T. 0.00 min
Lab File: BM027060.D
Acq: 13 Aug 2020 13:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	6.6	5.5	8.3





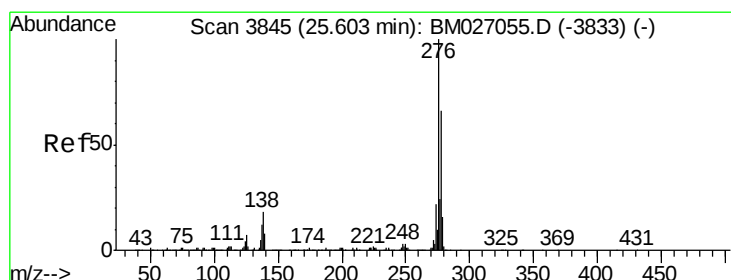
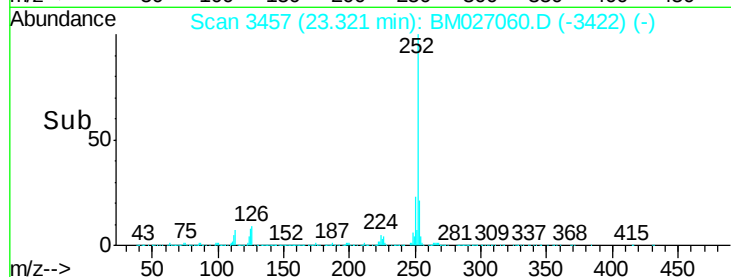
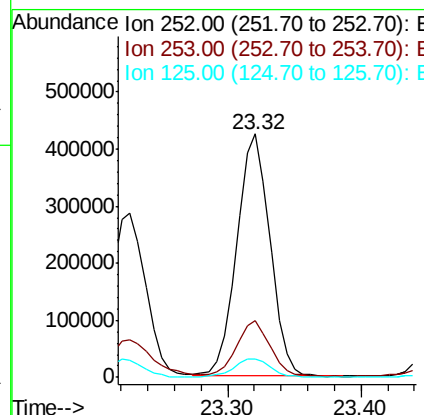
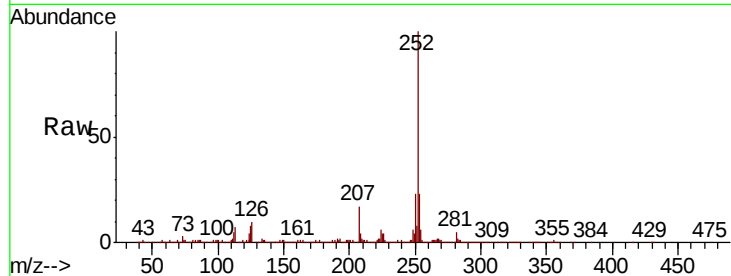
#91
Benzo(a)pyrene
Concen: 21.801 ng/ul
RT: 23.32 min Scan# 3457
Delta R.T. 0.01 min
Lab File: BM027060.D
Acq: 13 Aug 2020 13:59

Instrument :
BNA_M
ClientSampled :
BFM77

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.1	17.0	25.4
125	7.8	5.8	8.8

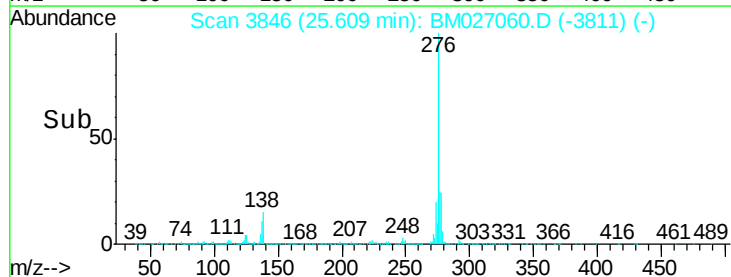
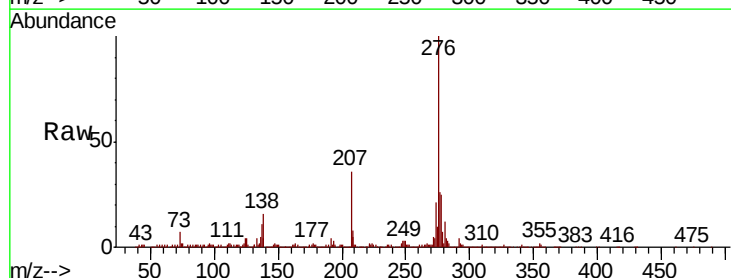
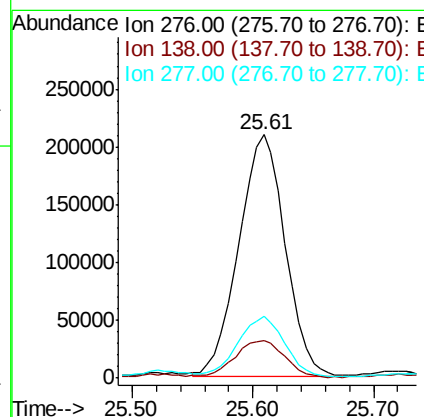
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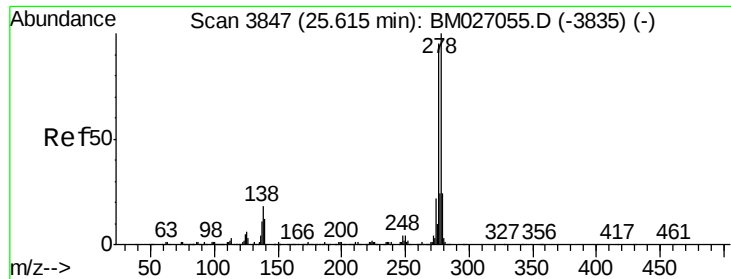
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#92
Indeno(1,2,3-cd)pyrene
Concen: 12.861 ng/ul
RT: 25.61 min Scan# 3846
Delta R.T. 0.01 min
Lab File: BM027060.D
Acq: 13 Aug 2020 13:59

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	15.6	13.9	20.9
277	25.6	19.8	29.8





#93

Dibenzo(a,h)anthracene

Concen: 4.276 ng/ul

RT: 25.61 min Scan# 3847

Delta R.T. 0.00 min

Lab File: BM027060.D

Acq: 13 Aug 2020 13:59

Instrument :

BNA_M

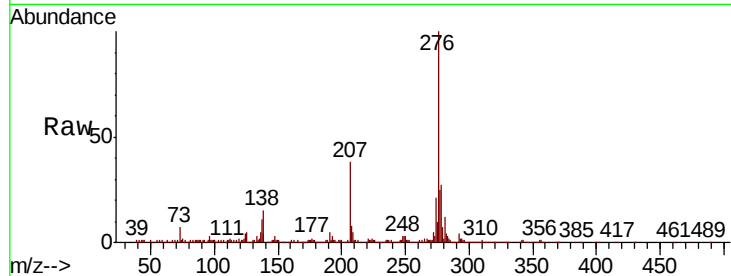
ClientSampleId :

BFM77

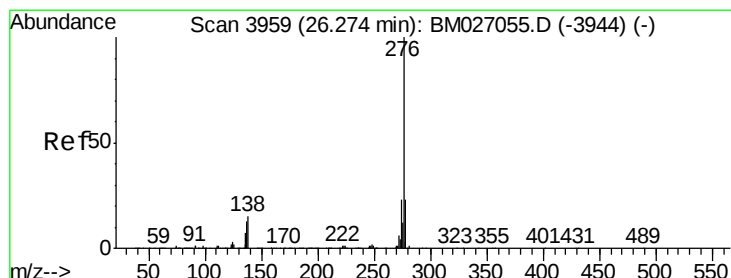
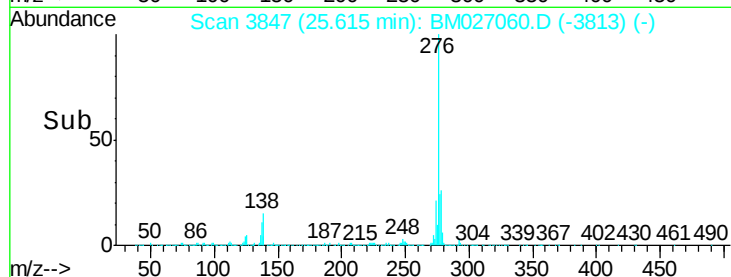
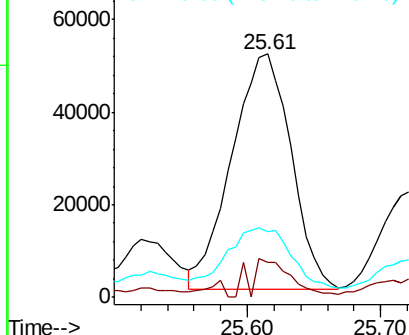
Tot Ion:	278	Resp:	156837
Ion Ratio	Lower	Upper	
278	100		
139	14.4	9.4	14.0#
279	26.9	18.7	28.1

Manual Integrations
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene

Concen: 10.553 ng/ul

RT: 26.28 min Scan# 3960

Delta R.T. 0.01 min

Lab File: BM027060.D

Acq: 13 Aug 2020 13:59

Tgt Ion:	276	Resp:	377450
Ion Ratio	Lower	Upper	
276	100		
138	15.6	12.3	18.5
277	24.5	19.0	28.6

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

