

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027069.D
 Acq On : 13 Aug 2020 20:04
 Operator : JU/CG
 Sample : L3630-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFM68

Manual Integrations
 APPROVED

Sohil
 8/14/2020 2:54:15 PM

Quant Time: Aug 14 02:13:50 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	121382	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	449711	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	284926	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	583149	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	608228	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	614438	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	4902	1.84	ng/uL	0.00
5) Phenol-d5	6.82	99	153411	16.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	107019	16.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	119999	16.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	122515	16.65	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	58170	16.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	63233	17.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	132733	17.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	130933	14.51	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	420604	18.51	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	488190	18.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	51027	13.30	ng/ul	0.00
58) Fluorene-d10	15.27	176	352902	17.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	38715	12.15	ng/ul	0.00
71) Anthracene-d10	17.12	188	527213	18.35	ng/ul	0.00
79) Pyrene-d10	19.42	212	581381	19.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	613348	17.88	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	6.85	94	11490	1.155	ng/ul	97
28) Naphthalene	10.46	128	43561	1.743	ng/ul	99
45) Dimethylphthalate	13.73	163	56375	2.368	ng/ul	99
48) Acenaphthylene	13.99	152	207953	7.555	ng/ul	98
50) Acenaphthene	14.34	153	23457	1.202	ng/ul	97
54) Dibenzofuran	14.67	168	37497	1.343	ng/ul	93
59) Fluorene	15.33	166	45343	1.941	ng/ul#	97
70) Phenanthrene	17.06	178	977971	27.974	ng/ul	100
72) Anthracene	17.15	178	226976	6.381	ng/ul	97
75) Carbazole	17.42	167	71171	2.370	ng/ul	98
77) Fluoranthene	19.09	202	2743934	64.725	ng/ul	99
80) Pyrene	19.44	202	2859581	69.265	ng/ul	98
83) Benzo(a)anthracene	21.20	228	1573612m	38.431	ng/ul	
85) Chrysene	21.25	228	1429869	35.576	ng/ul	97
88) Benzo(b)fluoranthene	22.77	252	2213429	51.877	ng/ul	98
89) Benzo(k)fluoranthene	22.80	252	768204m	18.167	ng/ul	
91) Benzo(a)pyrene	23.33	252	1640451	42.247	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.62	276	1175894	23.503	ng/ul	97
93) Dibenzo(a,h)anthracene	25.62	278	292943	6.912	ng/ul#	90
94) Benzo(g,h,i)perylene	26.29	276	1021078	24.708	ng/ul	99

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

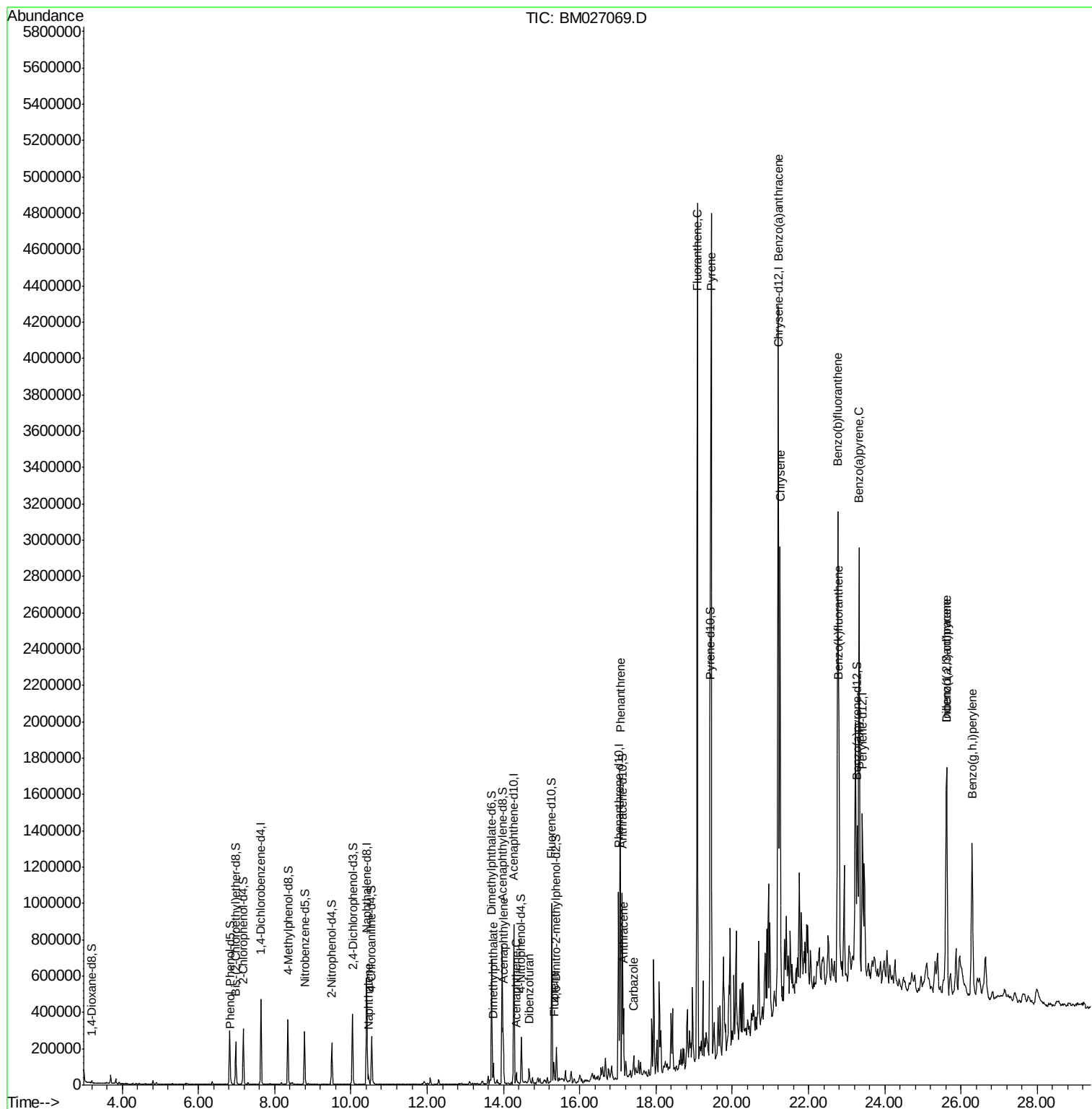
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027069.D
Acq On : 13 Aug 2020 20:04
Operator : JU/CG
Sample : L3630-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

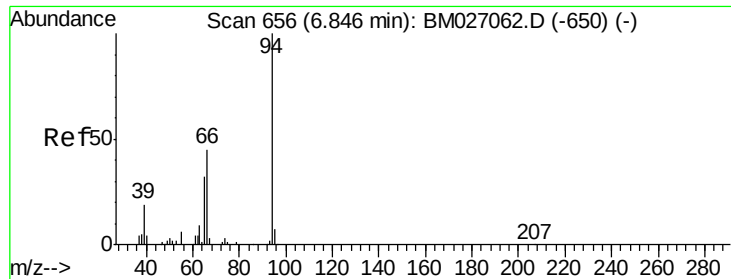
Instrument :
BNA_M
ClientSampleId :
BFM68

Manual Integrations
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Quant Title : SVOA CALIBRATION
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#6

Phenol

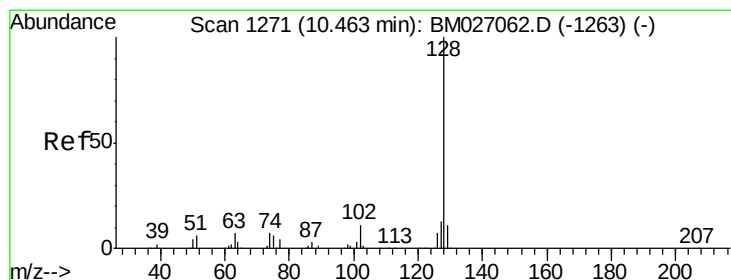
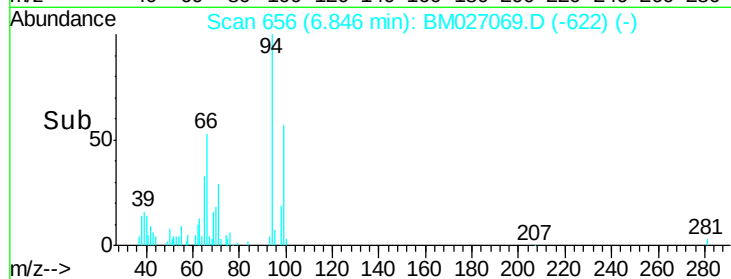
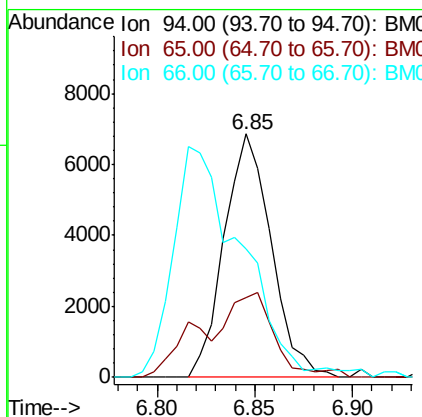
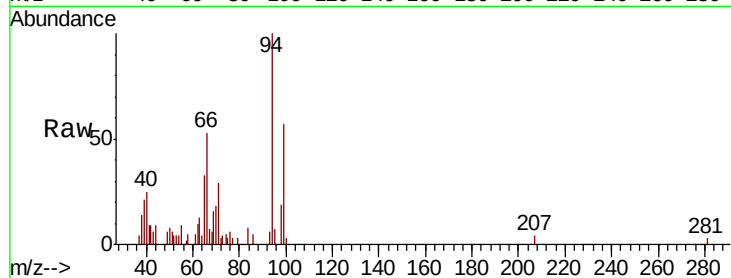
Concen: 1.155 ng/ul
 RT: 6.85 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: BM027069.D
 Acq: 13 Aug 2020 20:04

Instrument :
 BNA_M
 ClientSampled :
 BFM68

Tot Ion	Ratio	Lower	Upper
94	100		
65	32.6	28.6	43.0
66	52.8	41.3	61.9

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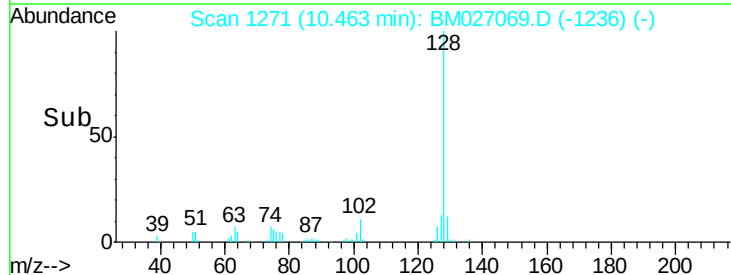
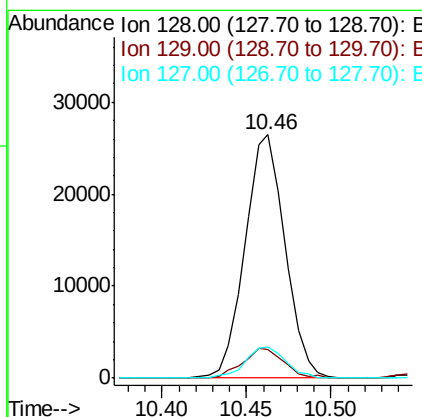
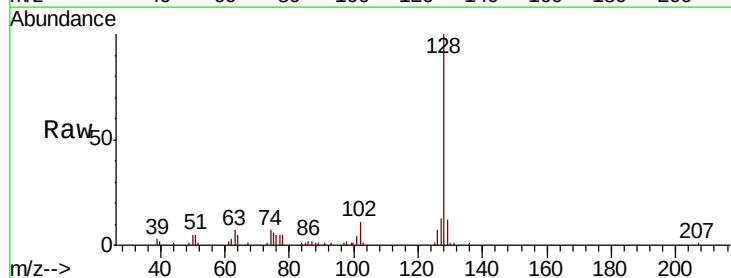


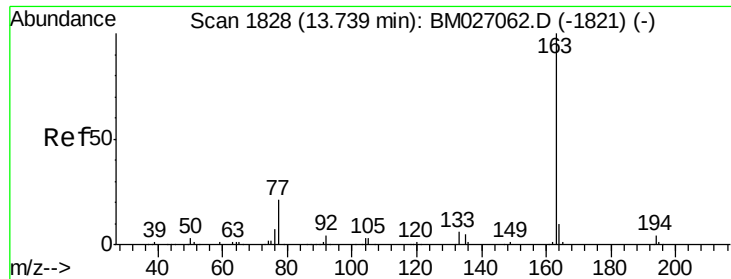
#28

Naphthalene

Concen: 1.743 ng/ul
 RT: 10.46 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: BM027069.D
 Acq: 13 Aug 2020 20:04

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.6
127	12.8	10.5	15.7





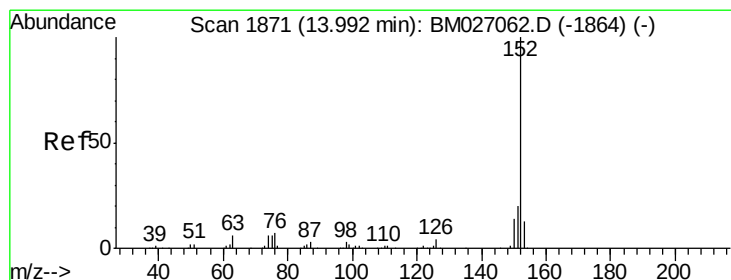
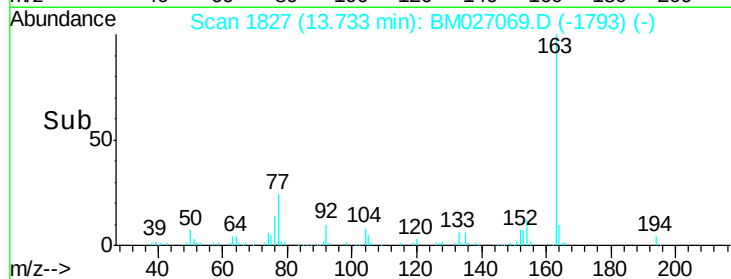
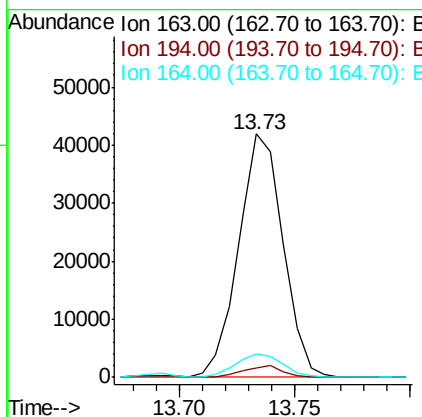
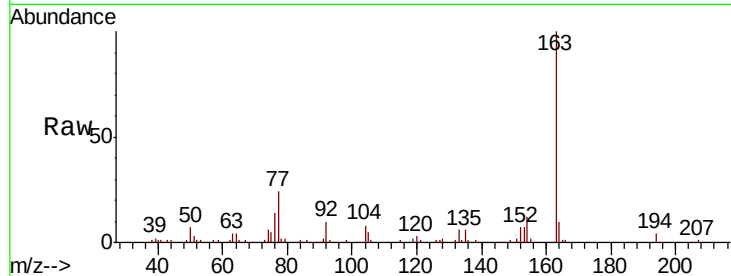
#45
Dimethylphthalate
Concen: 2.368 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BM027069.D
Acq: 13 Aug 2020 20:04

Instrument :
BNA_M
ClientSampled :
BFM68

Tot Ion	Ratio	Resp	Lower	Upper
163	100	56375		
194	3.8		3.2	4.8
164	9.8		8.2	12.2

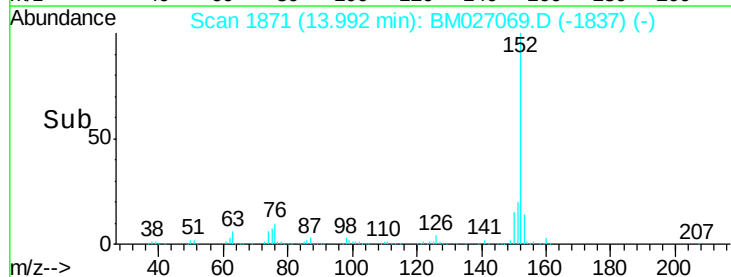
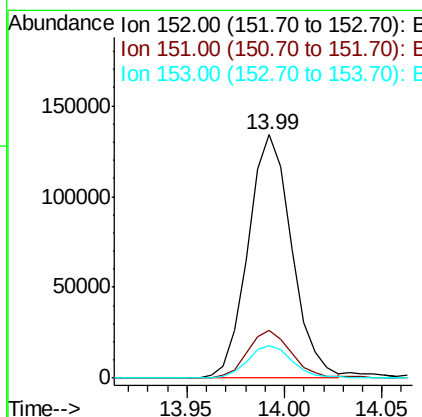
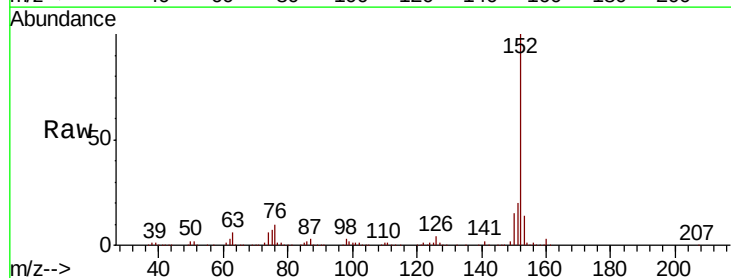
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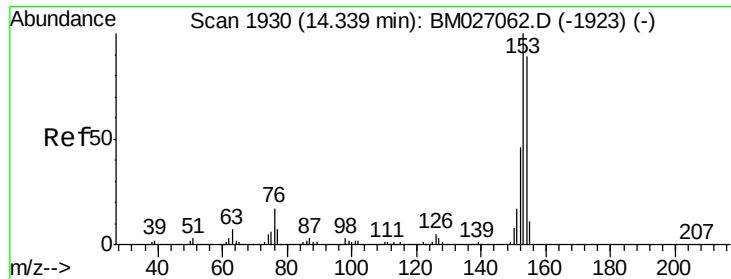
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#48
Acenaphthylene
Concen: 7.555 ng/ul
RT: 13.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BM027069.D
Acq: 13 Aug 2020 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	207953		
151	19.7		15.9	23.9
153	13.5		9.8	14.8





#50

Acenaphthene

Concen: 1.202 ng/ul

RT: 14.34 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BM027069.D

Acq: 13 Aug 2020 20:04

Instrument :

BNA_M

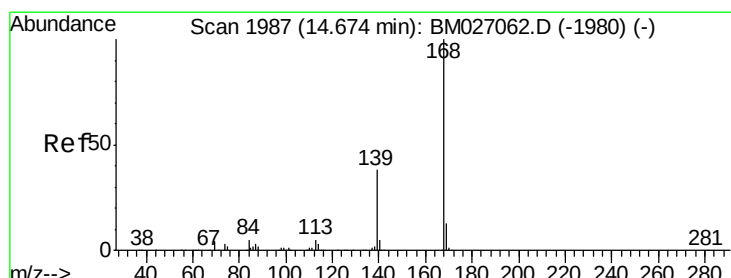
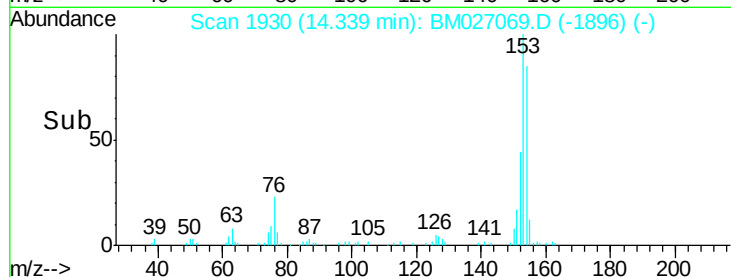
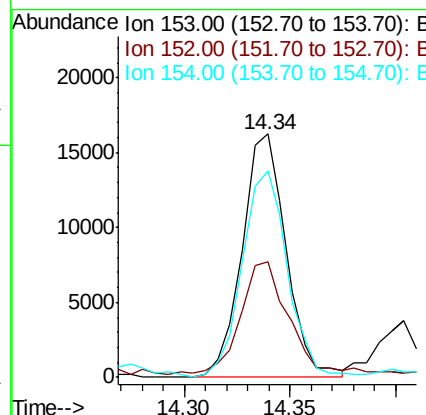
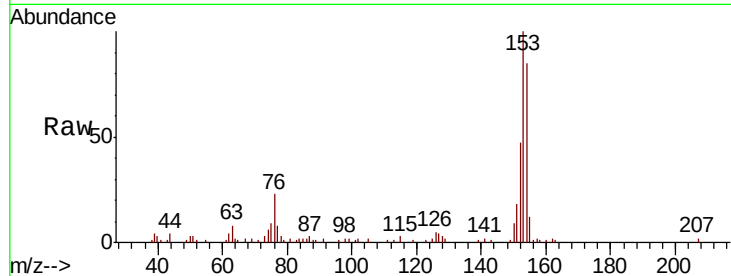
ClientSampled :

BFM68

Tot Ion:	153	Resp:	23457
Ion Ratio	Lower	Upper	
153	100		
152	47.5	35.9	53.9
154	84.7	69.4	104.0

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#54

Dibenzofuran

Concen: 1.343 ng/ul

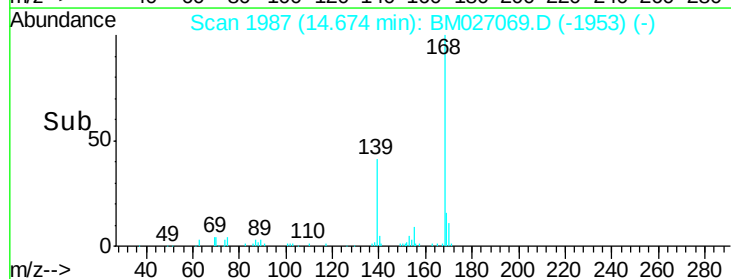
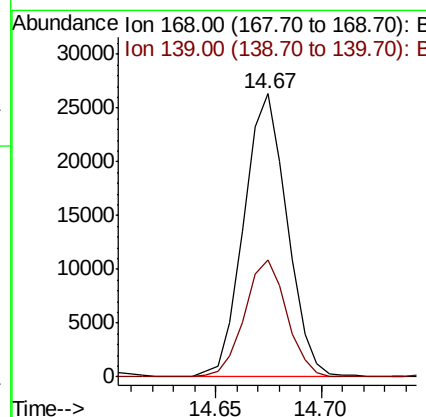
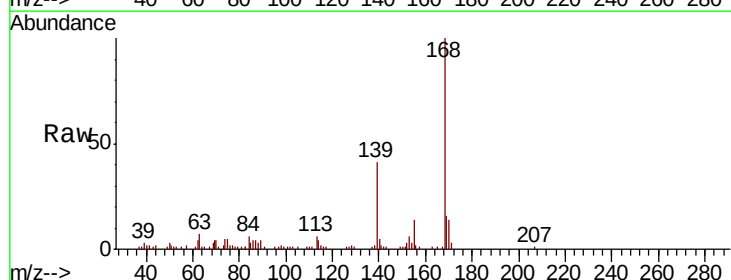
RT: 14.67 min Scan# 1987

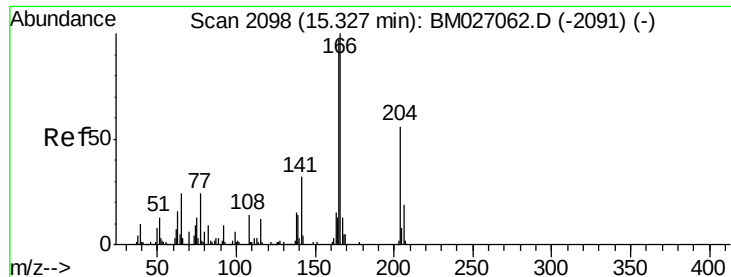
Delta R.T. -0.00 min

Lab File: BM027069.D

Acq: 13 Aug 2020 20:04

Tgt Ion:	168	Resp:	37497
Ion Ratio	Lower	Upper	
168	100		
139	41.3	29.9	44.9





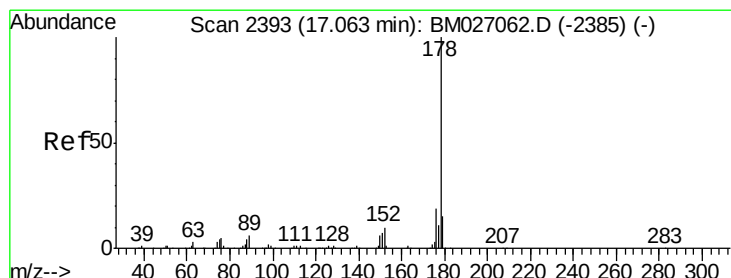
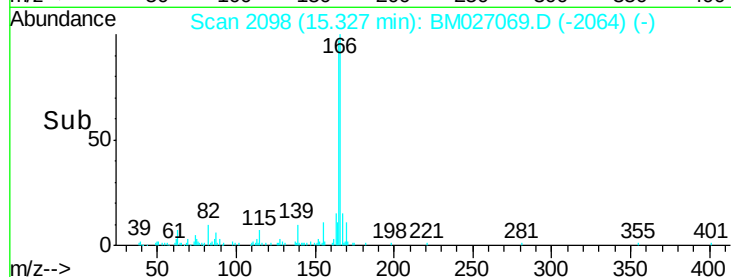
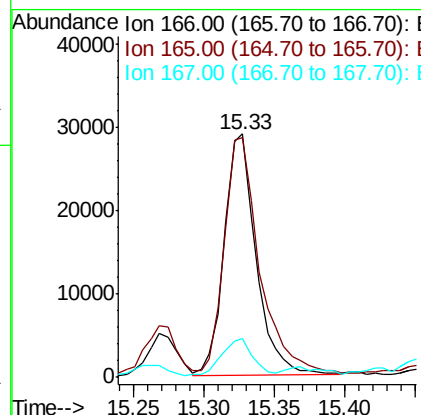
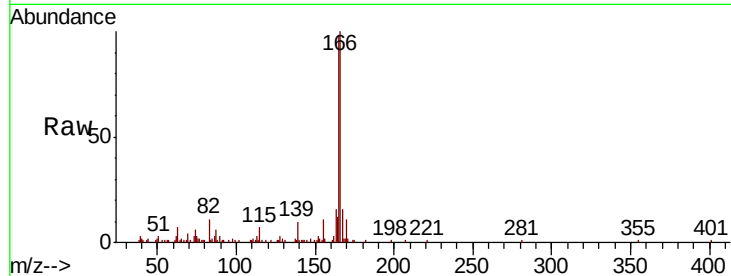
#59
Fluorene
 Concen: 1.941 ng/ul
 RT: 15.33 min Scan# 2098
 Delta R.T. -0.00 min
 Lab File: BM027069.D
 Acq: 13 Aug 2020 20:04

Instrument :
 BNA_M
 ClientSampleId :
 BFM68

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	76.9	115.3
167	15.8	10.5	15.7

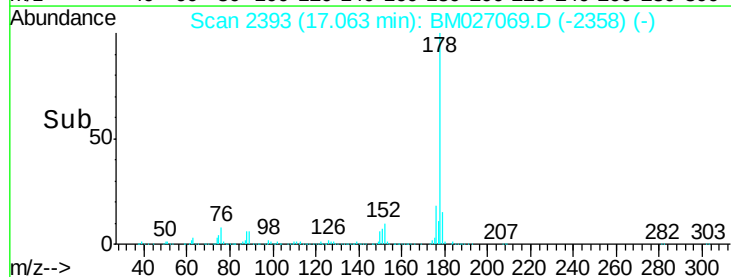
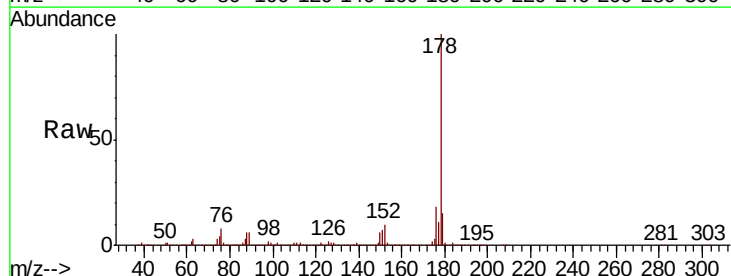
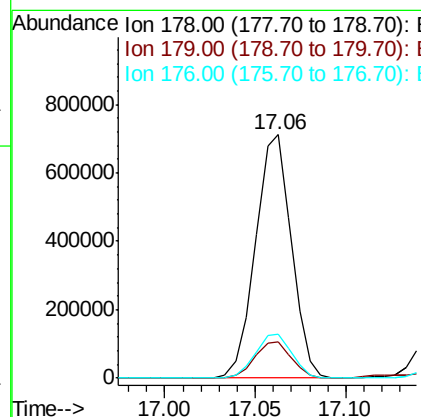
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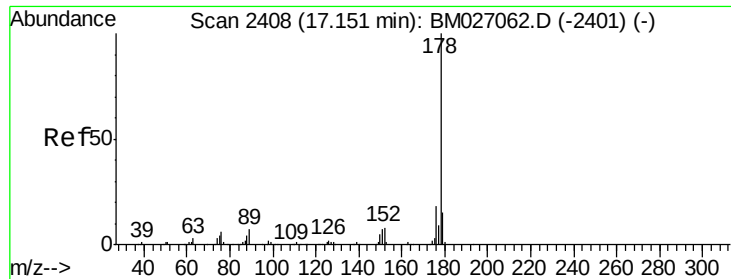
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#70
Phenanthrene
 Concen: 27.974 ng/ul
 RT: 17.06 min Scan# 2393
 Delta R.T. 0.01 min
 Lab File: BM027069.D
 Acq: 13 Aug 2020 20:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.9	17.9
176	18.1	14.6	22.0





#72

Anthracene

Concen: 6.381 ng/ul

RT: 17.15 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BM027069.D

Acq: 13 Aug 2020 20:04

Instrument :

BNA_M

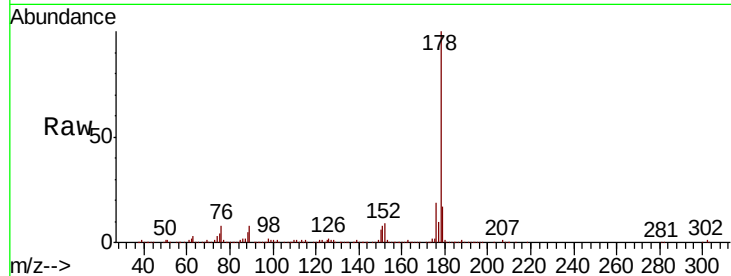
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BFM68

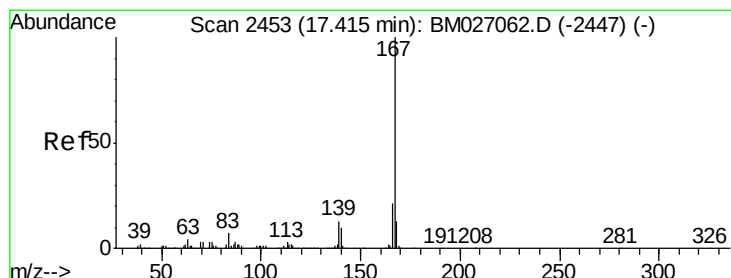
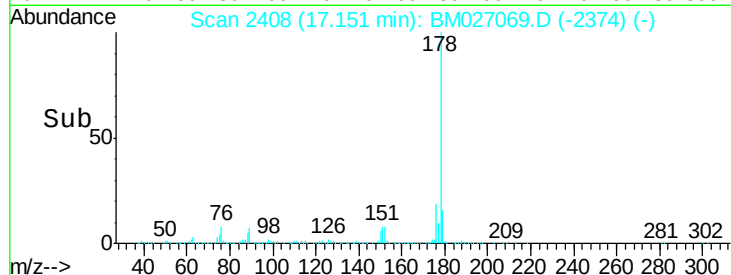
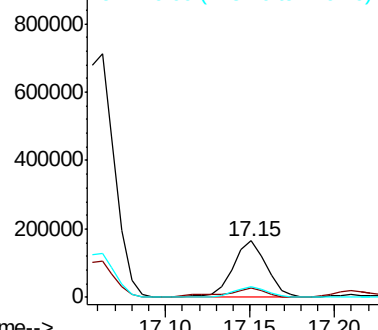
Tot Ion:	178	Resp:	226976
Ion Ratio	Lower	Upper	
178	100		
179	16.6	12.0	18.0
176	19.1	14.3	21.5

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: 2.370 ng/ul

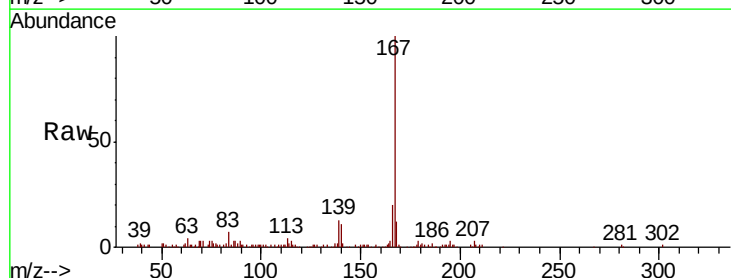
RT: 17.42 min Scan# 2453

Delta R.T. -0.00 min

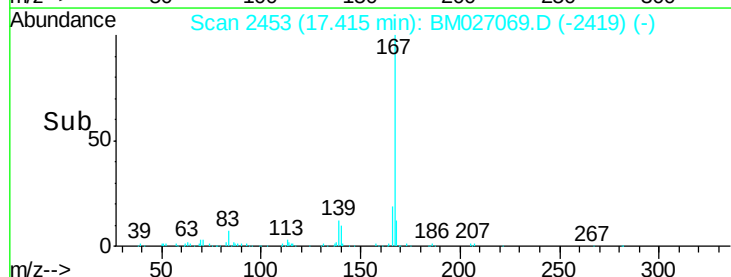
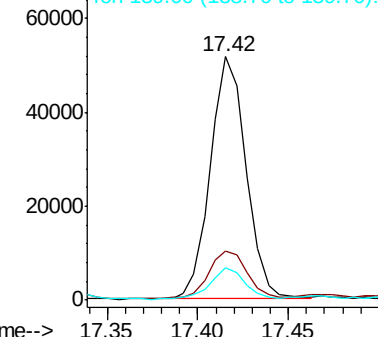
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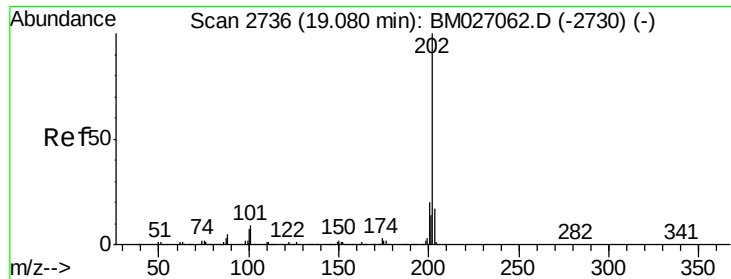
Acq: 13 Aug 2020 20:04

Tgt Ion:	167	Resp:	71171
Ion Ratio	Lower	Upper	
167	100		
166	20.4	17.0	25.6
139	13.4	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





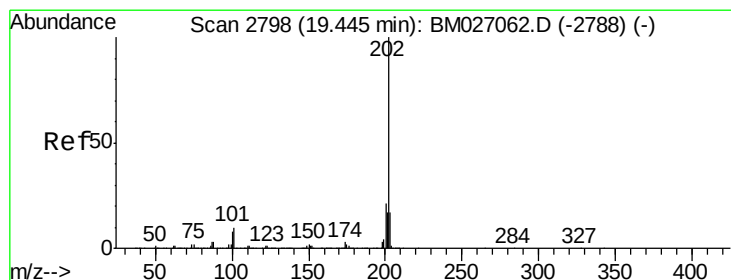
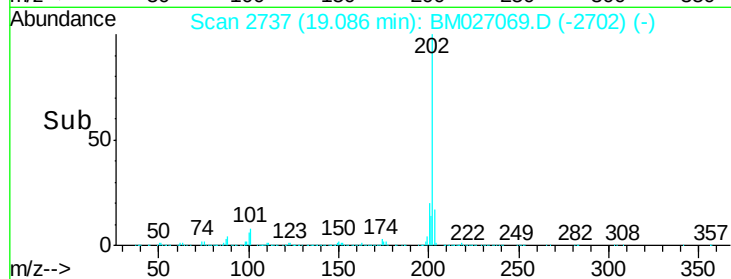
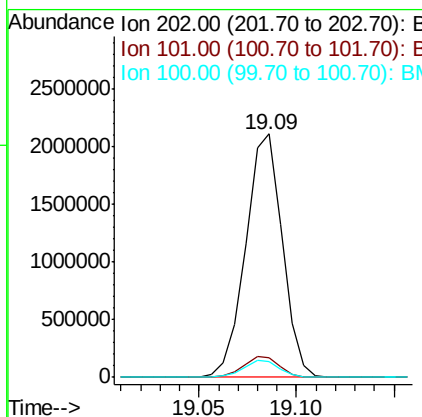
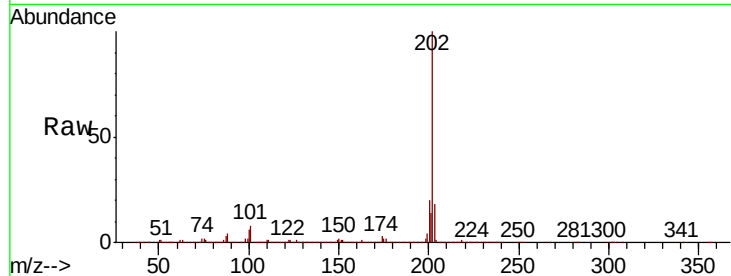
#77
 Fluoranthene
 Concen: 64.725 ng/ul
 RT: 19.09 min Scan# 2737
 Delta R.T. 0.01 min
 Lab File: BM027069.D
 Acq: 13 Aug 2020 20:04

Instrument :
 BNA_M
 ClientSampled :
 BFM68

Tot Ion:	202	Resp:	2743934
Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.7	10.1
100	6.4	5.4	8.2

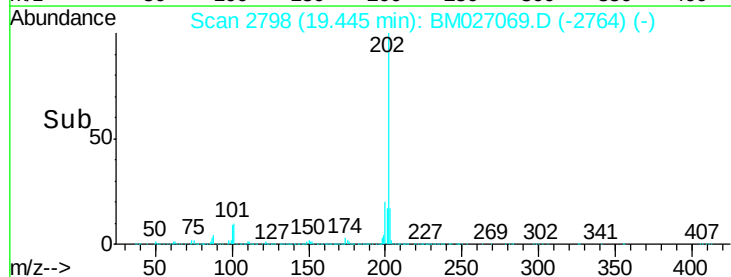
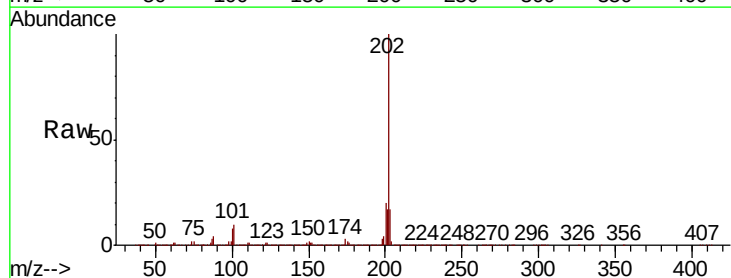
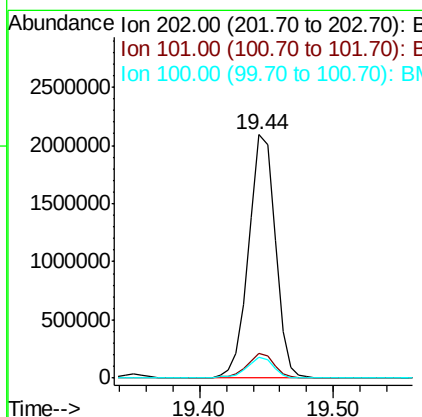
Manual Integrations
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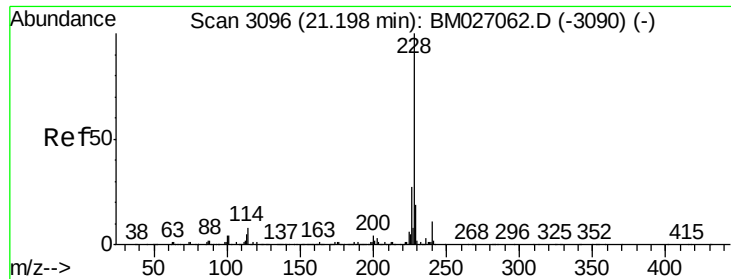
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#80
 Pyrene
 Concen: 69.265 ng/ul
 RT: 19.44 min Scan# 2798
 Delta R.T. -0.00 min
 Lab File: BM027069.D
 Acq: 13 Aug 2020 20:04

Tgt Ion:	202	Resp:	2859581
Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.6	11.4
100	8.5	6.3	9.5





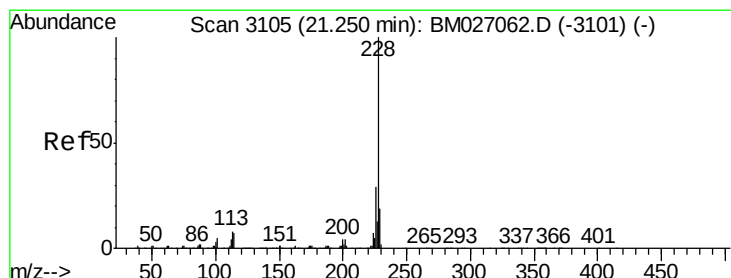
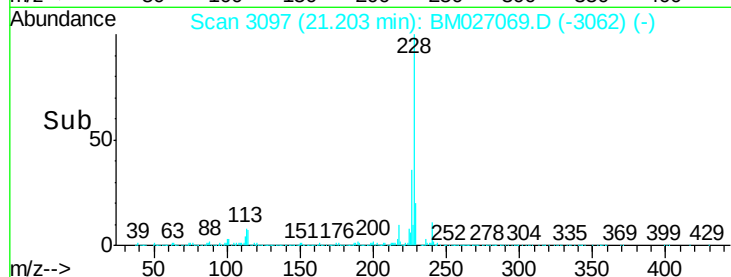
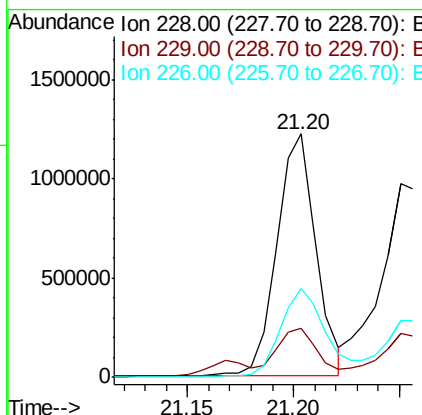
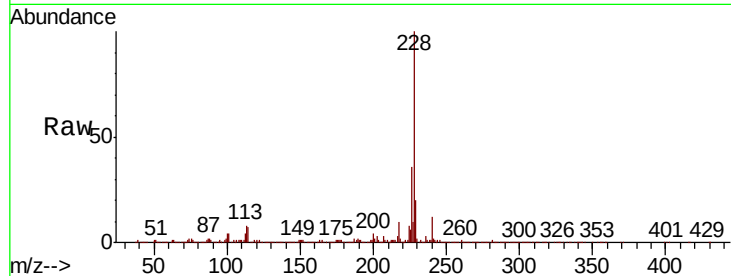
#83
Benzo(a)anthracene
Concen: 38.431 ng/ul m
RT: 21.20 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BM027069.D
Acq: 13 Aug 2020 20:04

Instrument :
BNA_M
ClientSampled :
BFM68

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.6
226	36.3	21.2	31.8#

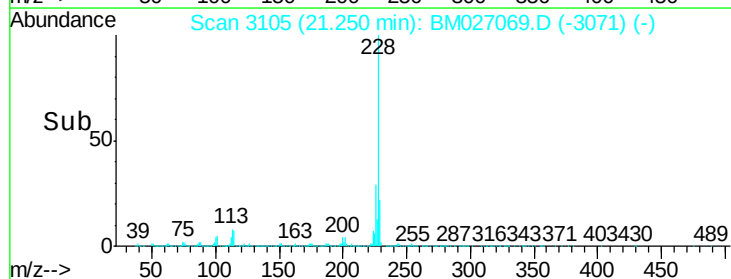
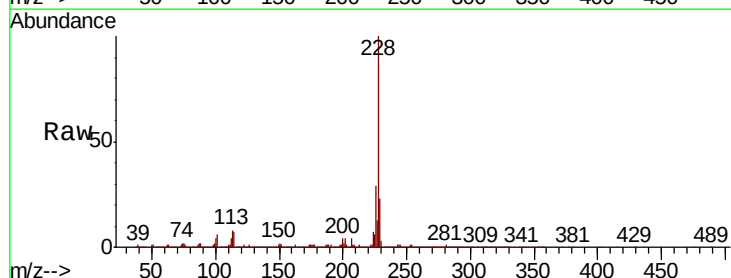
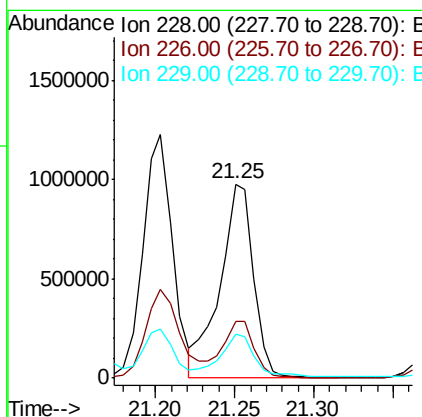
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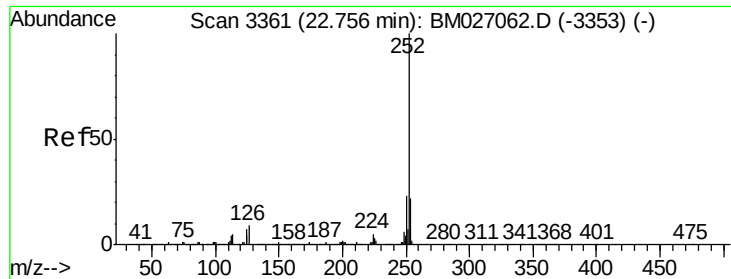
Sohil
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#85
Chrysene
Concen: 35.576 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BM027069.D
Acq: 13 Aug 2020 20:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.8	35.6
229	22.7	15.8	23.8





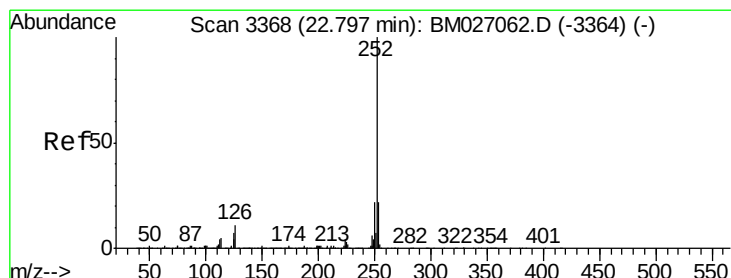
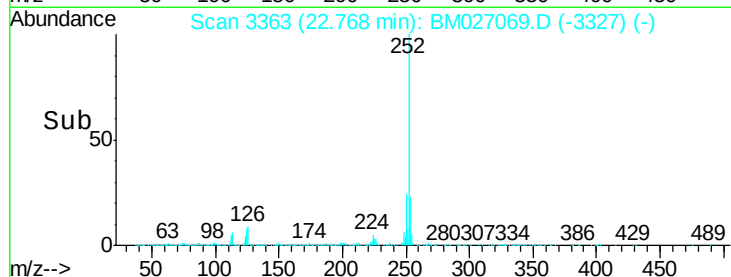
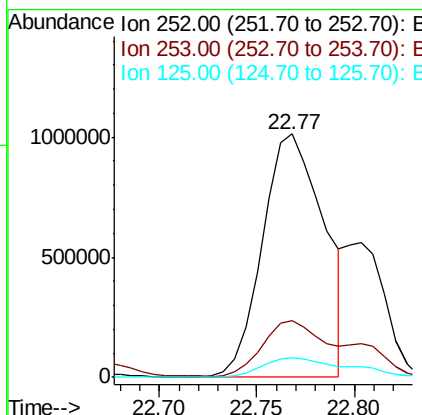
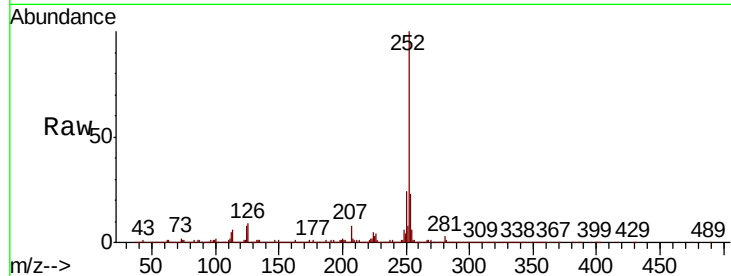
#88
Benzo(b)fluoranthene
Concen: 51.877 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BM027069.D
Acq: 13 Aug 2020 20:04

Instrument :
BNA_M
ClientSampled :
BFM68

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	8.0	6.0	9.0

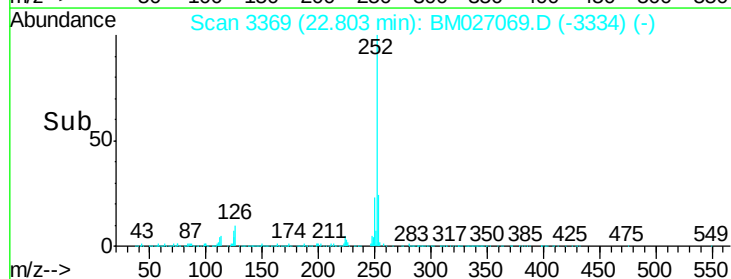
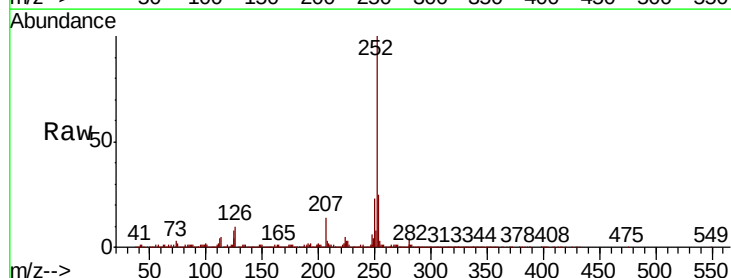
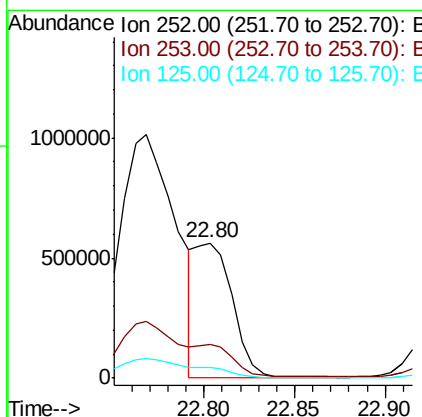
Manual Integrations
APPROVED

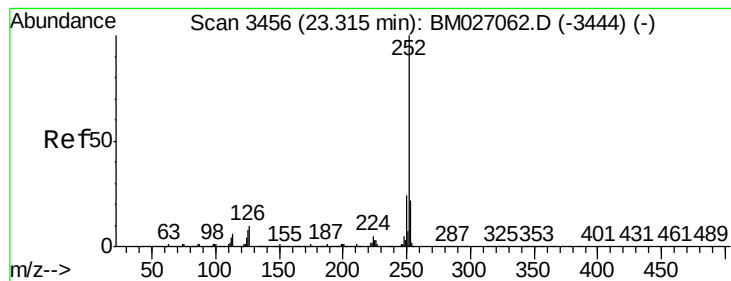
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#89
Benzo(k)fluoranthene
Concen: 18.167 ng/ul m
RT: 22.80 min Scan# 3369
Delta R.T. 0.01 min
Lab File: BM027069.D
Acq: 13 Aug 2020 20:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.2	25.8
125	7.6	5.5	8.3





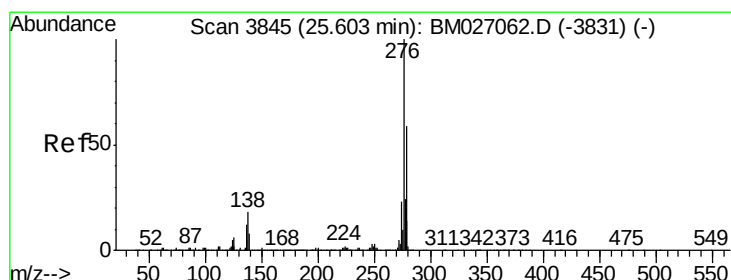
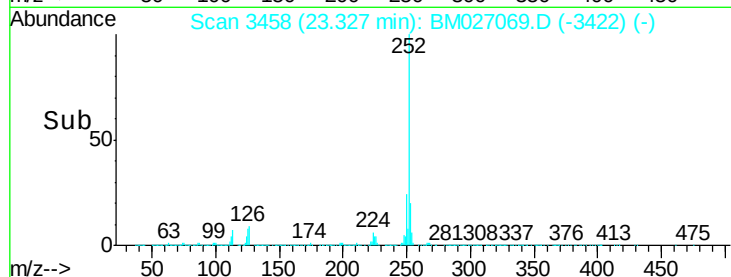
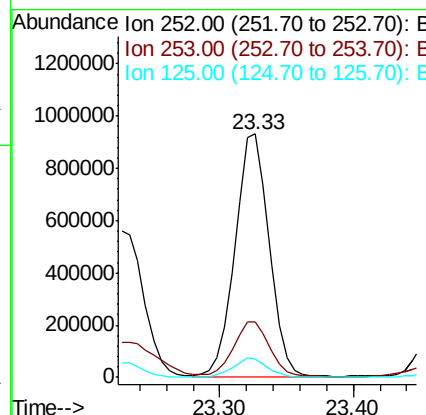
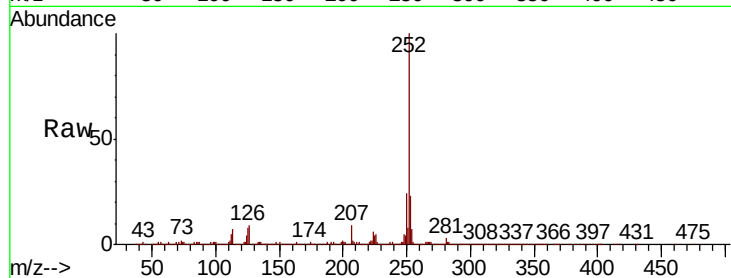
#91
Benzo(a)pyrene
Concen: 42.247 ng/ul
RT: 23.33 min Scan# 3458
Delta R.T. 0.01 min
Lab File: BM027069.D
Acq: 13 Aug 2020 20:04

Instrument :
BNA_M
ClientSampleId :
BFM68

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.4
125	7.7	5.8	8.8

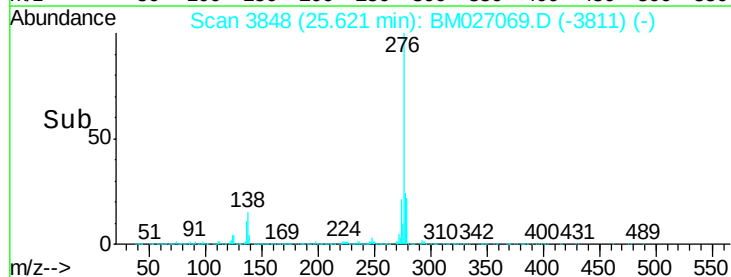
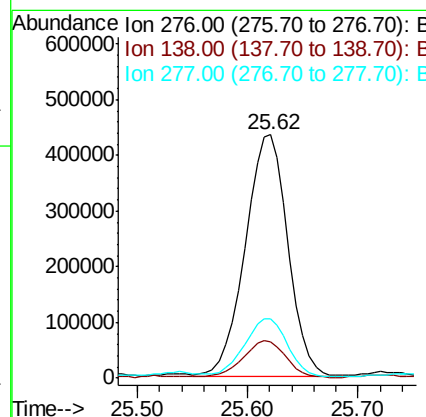
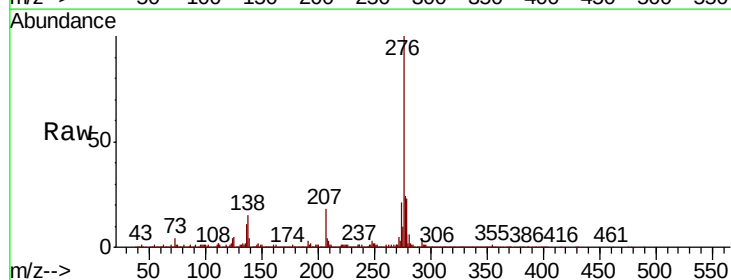
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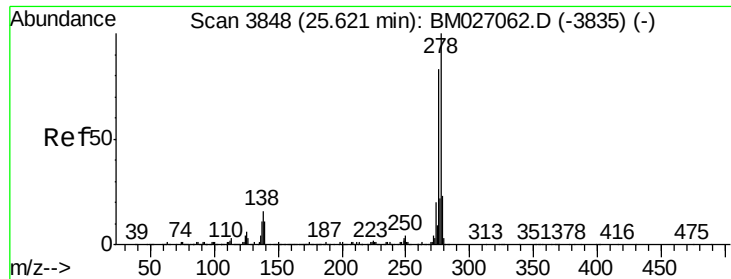
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#92
Indeno(1,2,3-cd)pyrene
Concen: 23.503 ng/ul
RT: 25.62 min Scan# 3848
Delta R.T. 0.02 min
Lab File: BM027069.D
Acq: 13 Aug 2020 20:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.7	13.9	20.9
277	24.2	19.8	29.8





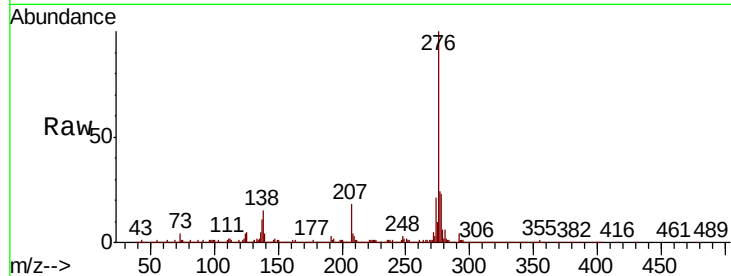
#93
Dibenzo(a,h)anthracene
Concen: 6.912 ng/ul
RT: 25.62 min Scan# 3848
Delta R.T. 0.01 min
Lab File: BM027069.D
Acq: 13 Aug 2020 20:04

Instrument :
BNA_M
ClientSampled :
BFM68

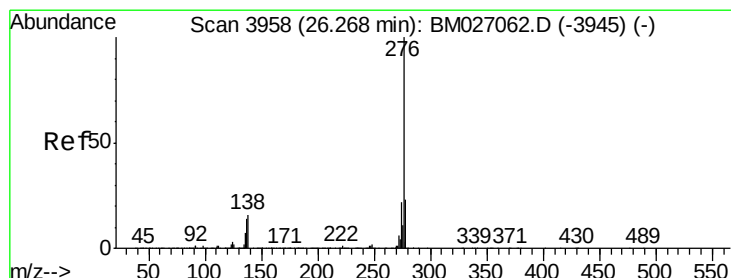
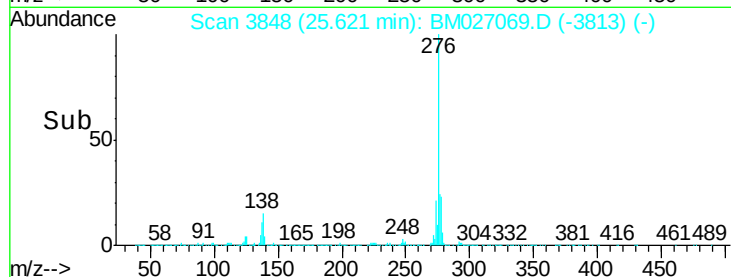
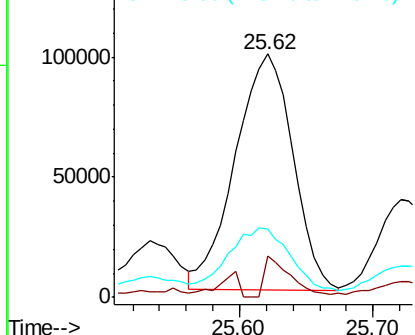
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	9.4	14.0#
279	27.8	18.7	28.1

Manual Integrations
APPROVED

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8/14/2020 2:54:15 PM



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: 24.708 ng/ul
RT: 26.29 min Scan# 3962
Delta R.T. 0.02 min
Lab File: BM027069.D
Acq: 13 Aug 2020 20:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.0	12.3	18.5
277	24.1	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

