

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
 Data File : BM026066.D
 Acq On : 21 May 2020 20:42
 Operator : MA/SJ
 Sample : L2725-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B19

Manual Integrations
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mohammad
 5/22/2020 2:54:48 PM

Quant Time: May 22 03:04:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 21 10:18:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	161646	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	692365	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	422361	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	904661	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	942965	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	970280	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	26907	5.02	ng/uL	0.00
5) Phenol-d5	6.69	99	142919	9.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	382035	37.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	363614	31.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	255612	23.13	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	219124	38.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	237808	42.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	411185	36.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	20620	1.81	ng/ul	0.01
44) Dimethylphthalate-d6	13.56	166	1358886	40.12	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1577737	39.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	54622	9.11	ng/ul	0.00
58) Fluorene-d10	15.14	176	1174490	39.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	211954	40.18	ng/ul	0.00
71) Anthracene-d10	16.99	188	1813200	40.67	ng/ul	0.00
79) Pyrene-d10	19.29	212	2040946	42.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	2098921	40.64	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.31	128	279510	6.60	ng/ul	98
50) Acenaphthene	14.20	153	381279	12.27	ng/ul	99
54) Dibenzofuran	14.55	168	312521	7.16	ng/ul	100
59) Fluorene	15.20	166	348306	9.86	ng/ul	99
70) Phenanthrene	16.93	178	611568	10.73	ng/ul	99
72) Anthracene	17.02	178	339685	5.94	ng/ul	98
75) Carbazole	17.29	167	137099	2.90	ng/ul	99
77) Fluoranthene	18.96	202	3605374	60.32	ng/ul	98
80) Pyrene	19.32	202	2377337	35.91	ng/ul	98
83) Benzo(a)anthracene	21.07	228	453638	6.98	ng/ul	99
85) Chrysene	21.12	228	307575	4.76	ng/ul	98
88) Benzo(b)fluoranthene	22.59	252	240765	3.67	ng/ul	95
89) Benzo(k)fluoranthene	22.62	252	90799m	1.39	ng/ul	
91) Benzo(a)pyrene	23.12	252	128185	2.22	ng/ul	99

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

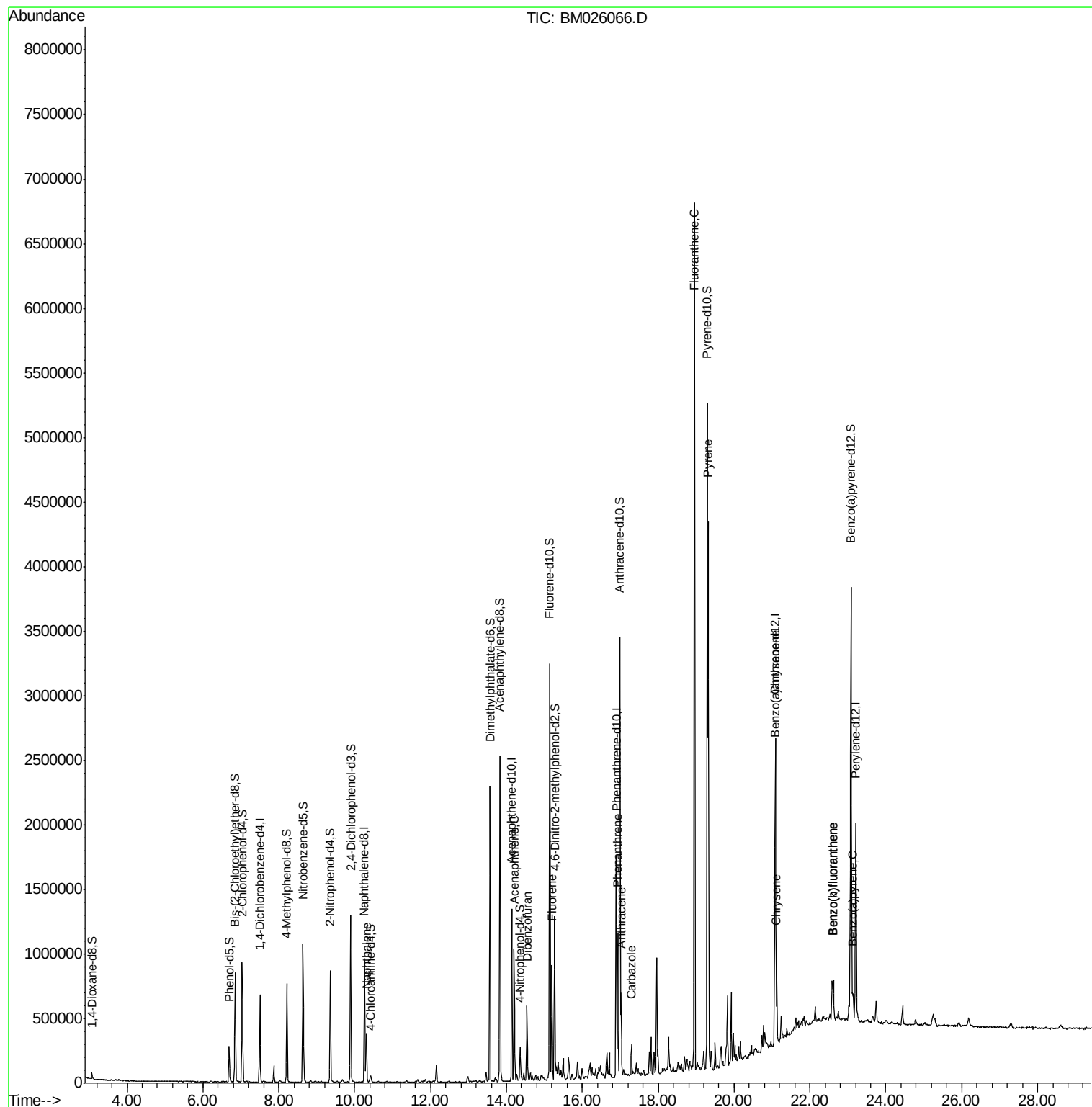
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
Data File : BM026066.D
Acq On : 21 May 2020 20:42
Operator : MA/SJ
Sample : L2725-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

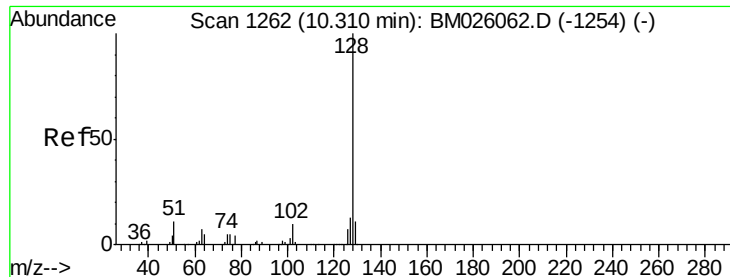
Instrument :
BNA_M
ClientSampleId :
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Quant Time: May 22 03:04:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
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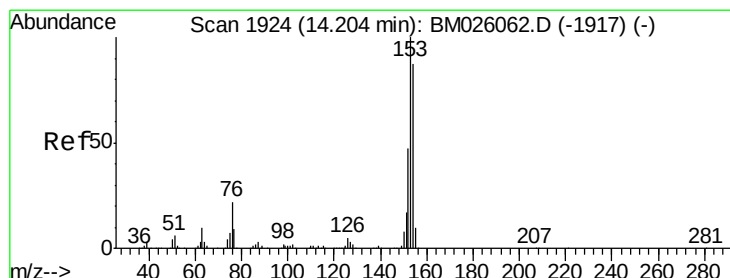
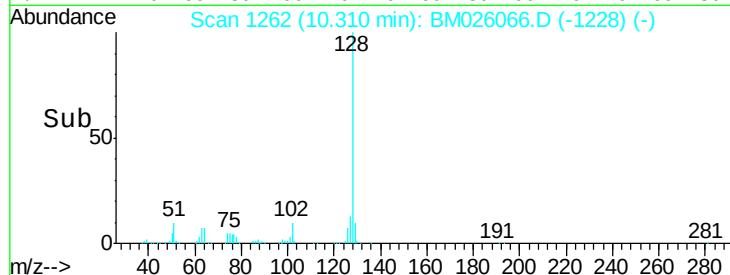
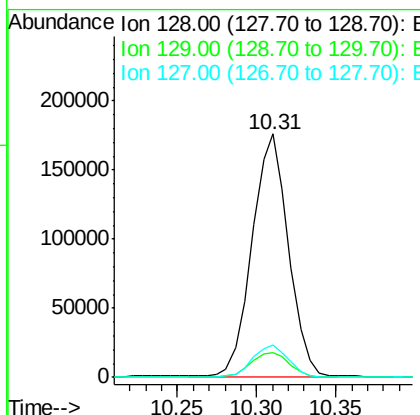
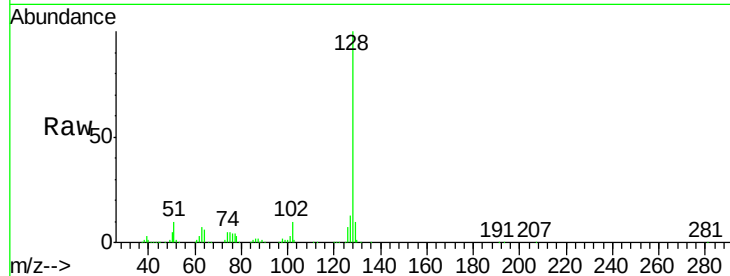
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Naphthalene
Concen: 6.60 ng/ul
RT: 10.31 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BM026066.D
Acq: 21 May 2020 20:42

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
128	100	279510		
129	10.0	9.0	13.4	
127	13.1	10.6	15.8	

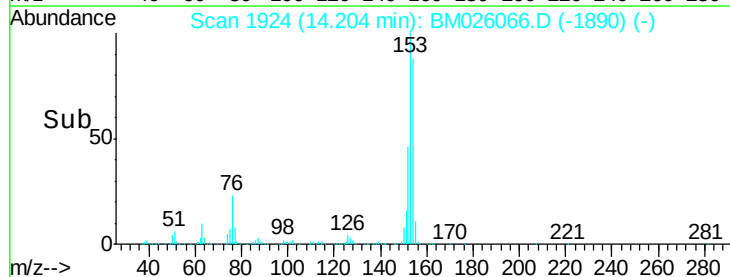
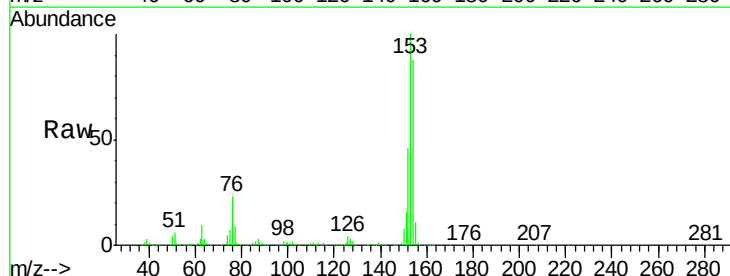
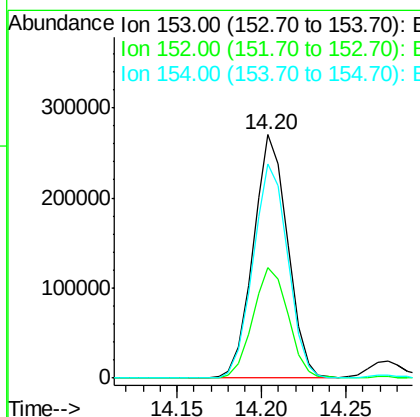
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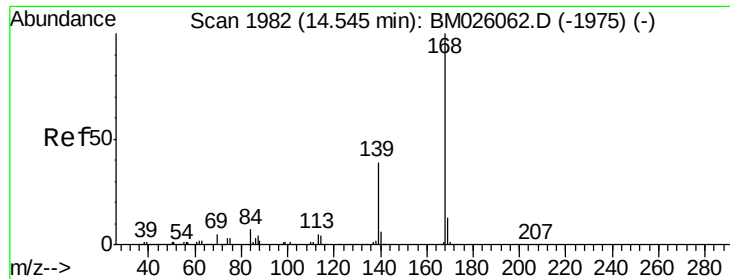
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#50
Acenaphthene
Concen: 12.27 ng/ul
RT: 14.20 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BM026066.D
Acq: 21 May 2020 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	381279		
152	45.6	37.2	55.8	
154	87.9	69.8	104.8	





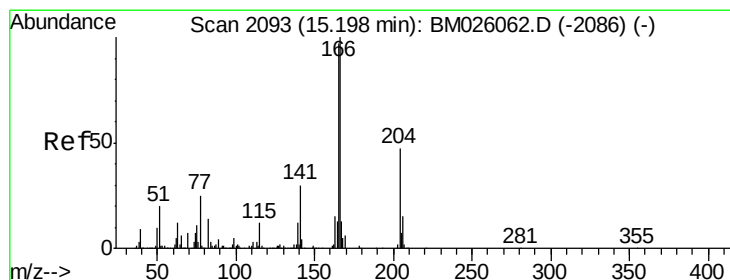
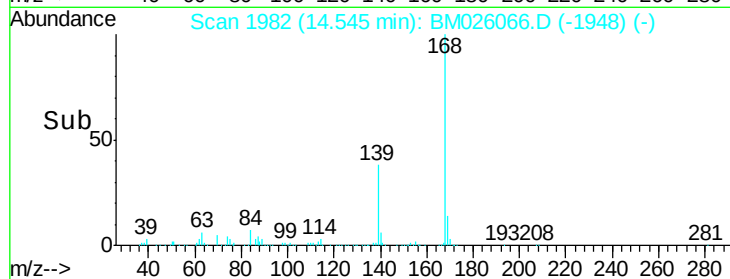
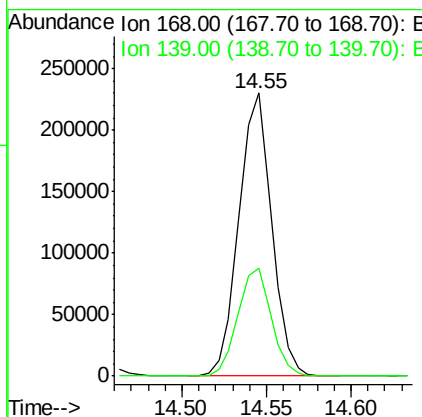
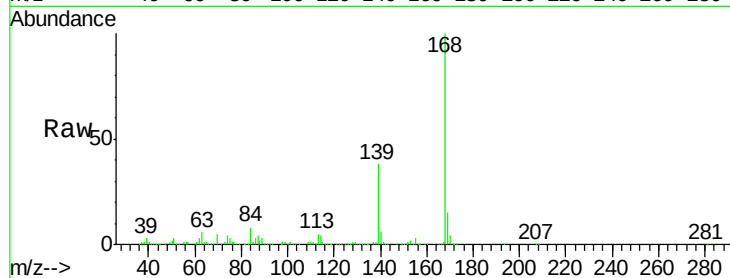
#54
Dibenzenofuran
Concen: 7.16 ng/ul
RT: 14.55 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BM026066.D
Acq: 21 May 2020 20:42

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:168 Resp: 312521
Ion Ratio Lower Upper
168 100
139 38.3 30.7 46.1

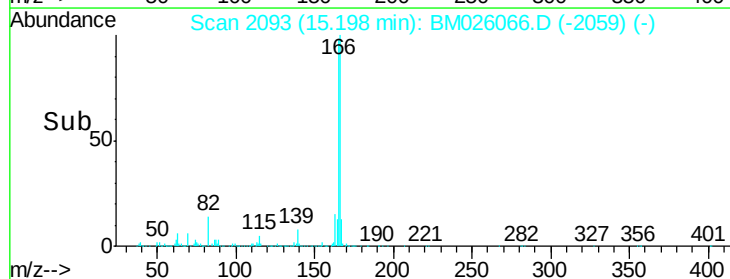
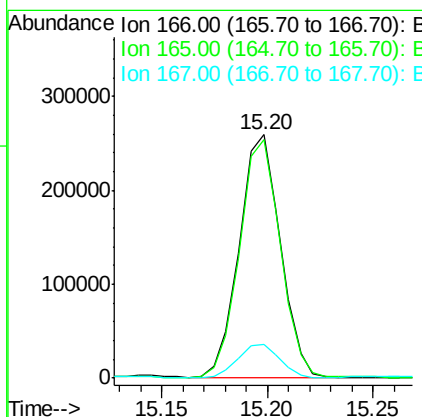
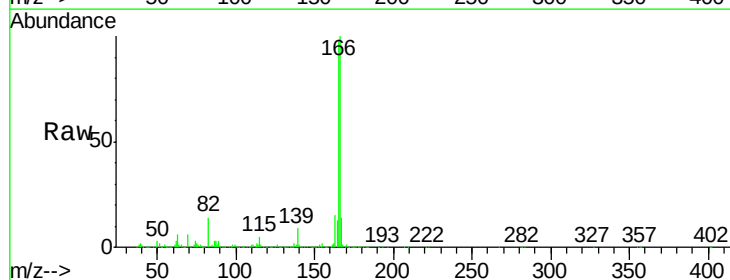
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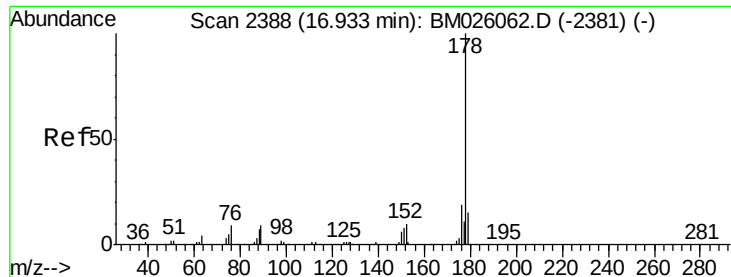
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#59
Fluorene
Concen: 9.86 ng/ul
RT: 15.20 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BM026066.D
Acq: 21 May 2020 20:42

Tgt Ion:166 Resp: 348306
Ion Ratio Lower Upper
166 100
165 98.1 77.3 115.9
167 13.6 10.6 16.0





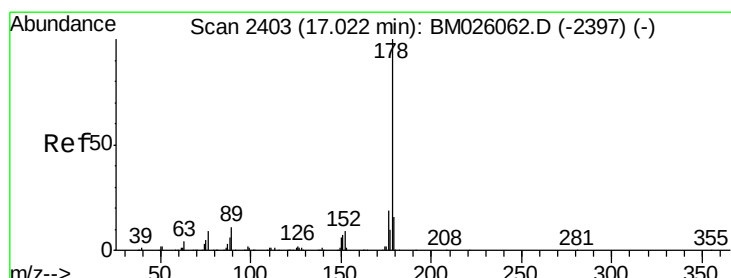
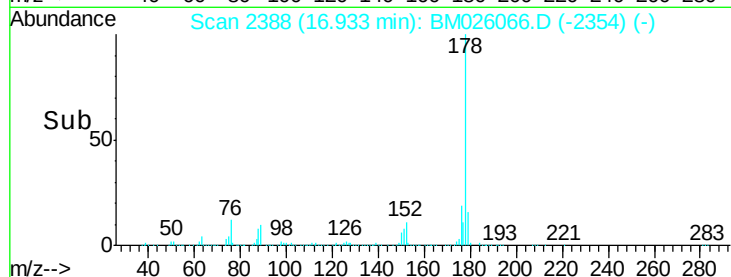
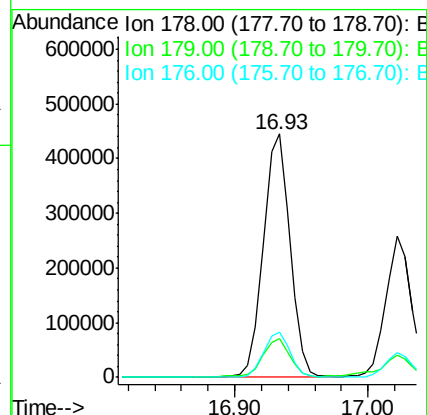
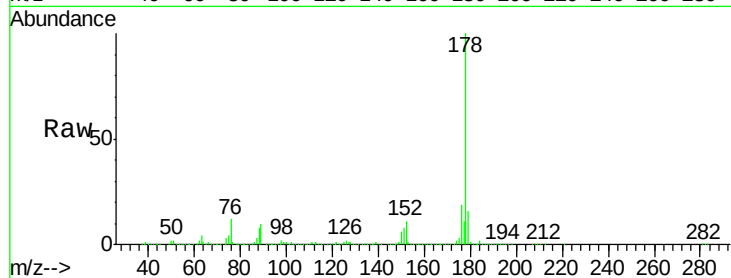
#70
Phenanthrene
Concen: 10.73 ng/ul
RT: 16.93 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BM026066.D
Acq: 21 May 2020 20:42

Instrument :
BNA_M
ClientSampleId :
F9B19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.9	17.9
176	18.8	14.9	22.3

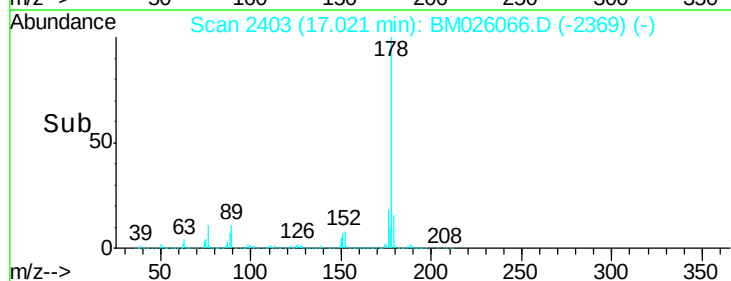
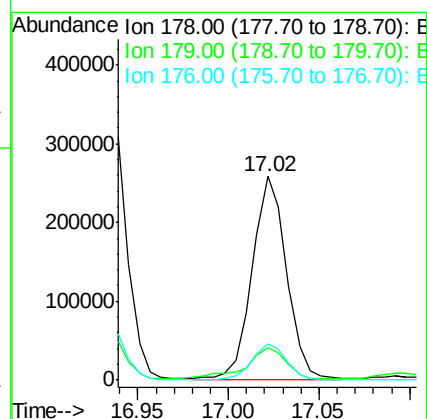
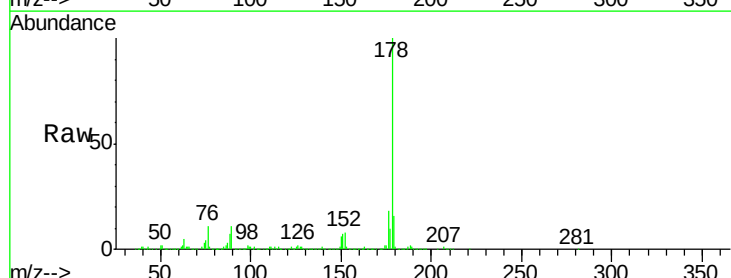
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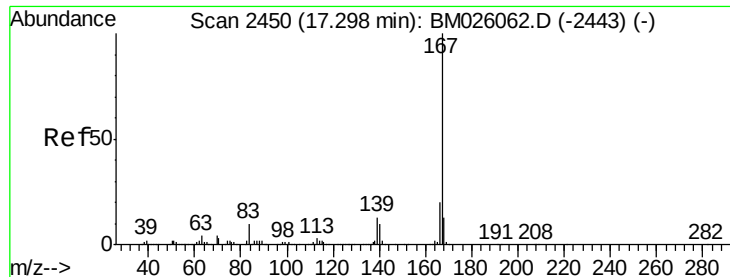
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#72
Anthracene
Concen: 5.94 ng/ul
RT: 17.02 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BM026066.D
Acq: 21 May 2020 20:42

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.4
176	17.8	14.9	22.3





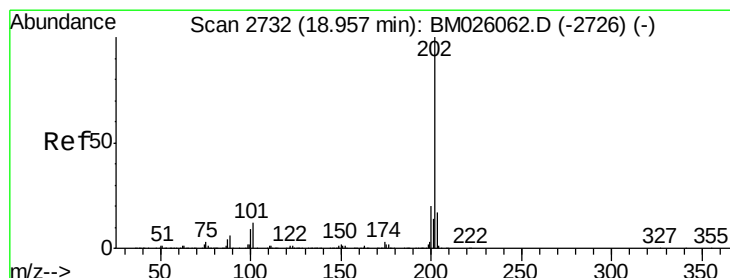
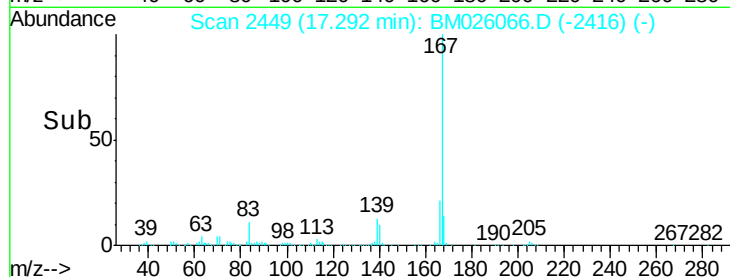
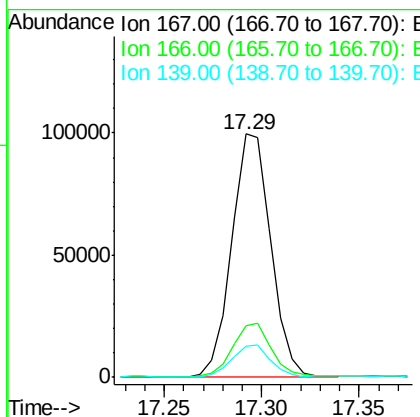
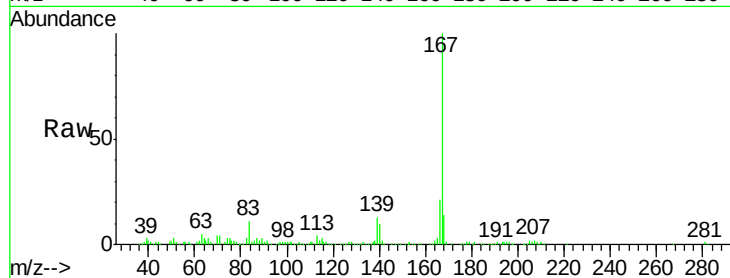
#75
 Carbazole
 Concen: 2.90 ng/ul
 RT: 17.29 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BM026066.D
 Acq: 21 May 2020 20:42

Instrument :
 BNA_M
 ClientSampleId :
 F9B19

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	137099		
166	21.0		16.6	25.0
139	13.0		10.8	16.2

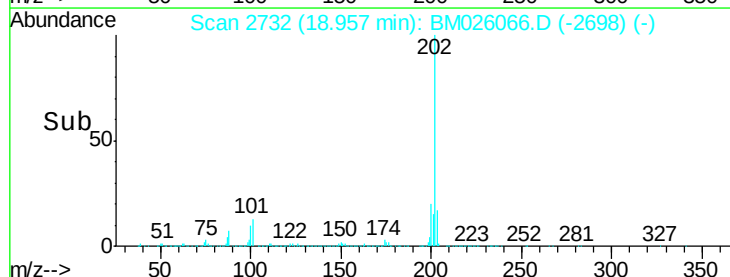
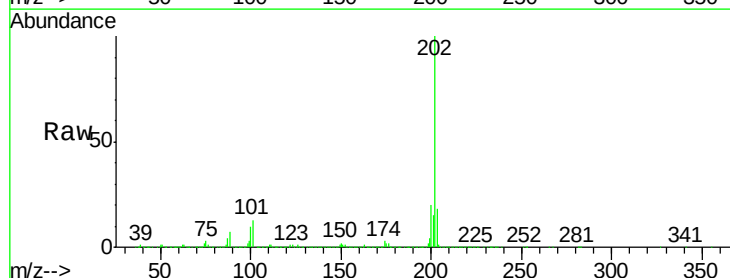
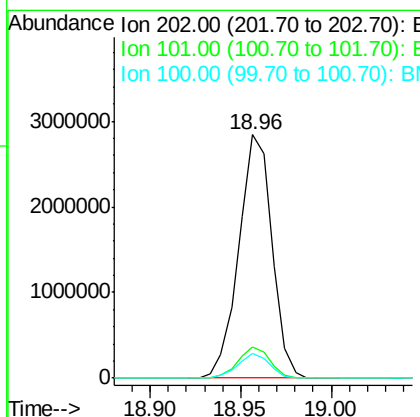
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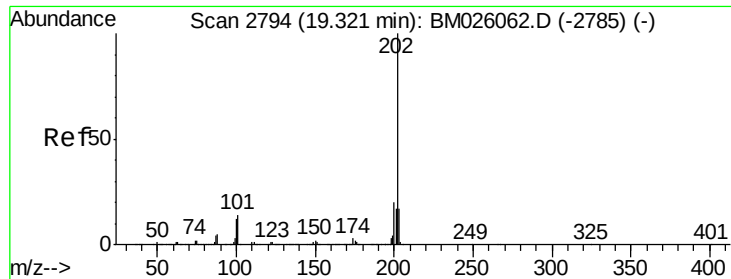
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#77
 Fluoranthene
 Concen: 60.32 ng/ul
 RT: 18.96 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: BM026066.D
 Acq: 21 May 2020 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	3605374		
101	12.8		9.5	14.3
100	10.0		7.6	11.4





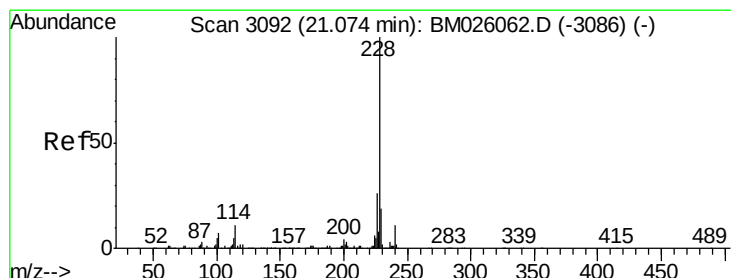
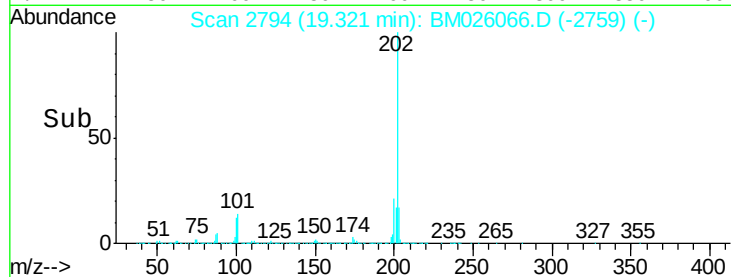
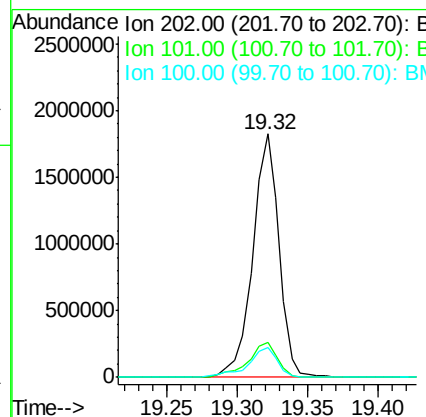
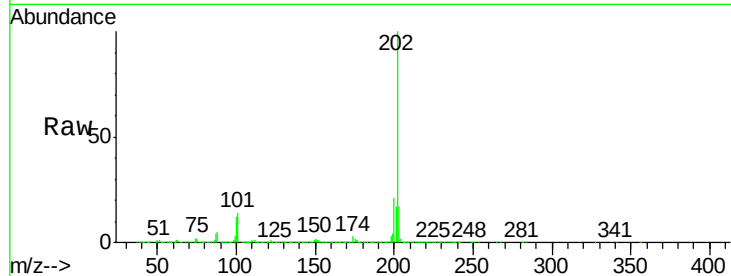
#80
 Pyrene
 Concen: 35.91 ng/ul
 RT: 19.32 min Scan# 2794
 Delta R.T. 0.01 min
 Lab File: BM026066.D
 Acq: 21 May 2020 20:42

Instrument :
 BNA_M
 ClientSampleId :
 F9B19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.2	12.2	18.4
100	12.2	10.2	15.4

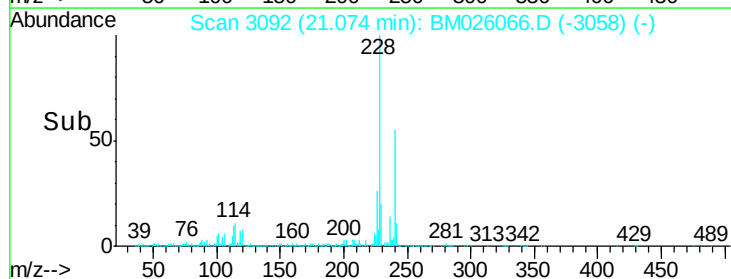
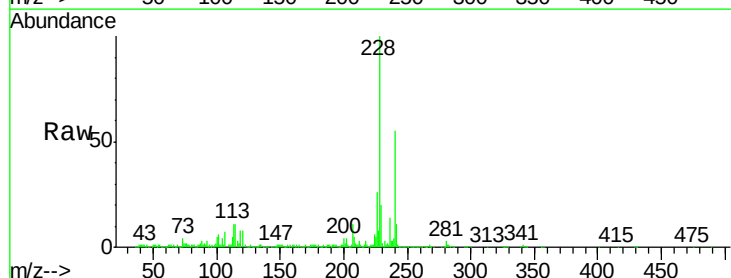
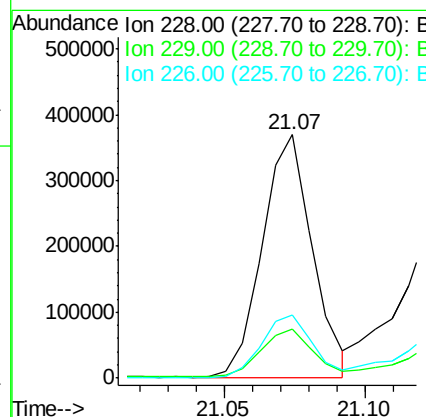
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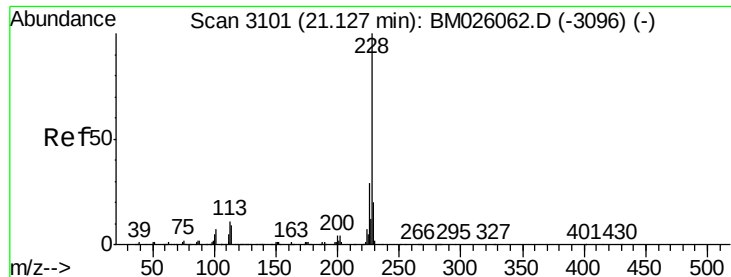
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#83
 Benzo(a)anthracene
 Concen: 6.98 ng/ul
 RT: 21.07 min Scan# 3092
 Delta R.T. 0.00 min
 Lab File: BM026066.D
 Acq: 21 May 2020 20:42

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.5	23.3
226	25.8	21.2	31.8





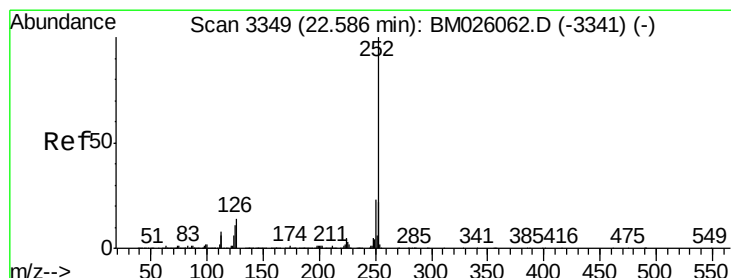
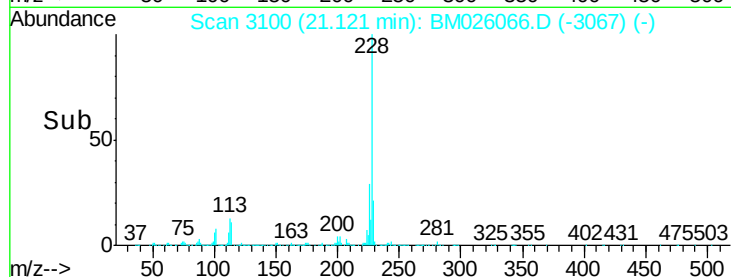
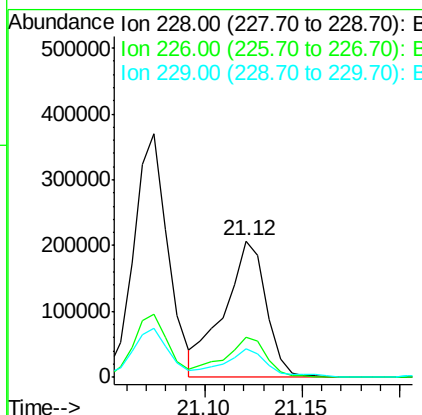
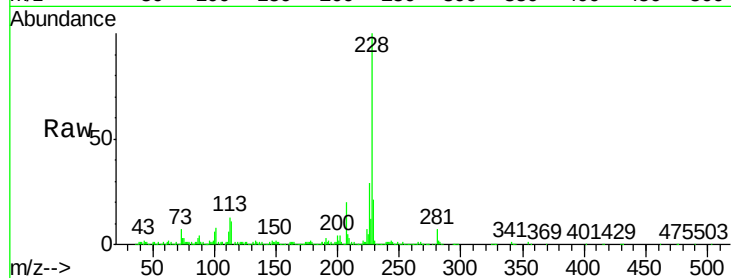
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Chrysene
Concen: 4.76 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM026066.D
Acq: 21 May 2020 20:42

Instrument :
BNA_M
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	307575		
226	29.3		23.0	34.6
229	21.2		15.5	23.3

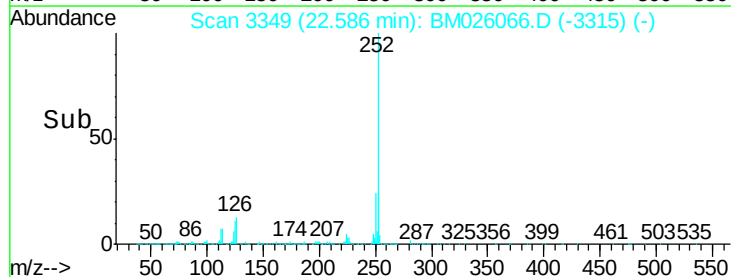
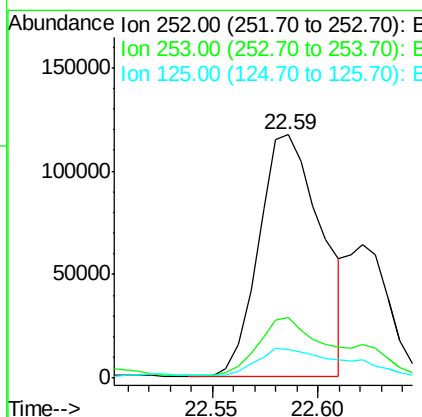
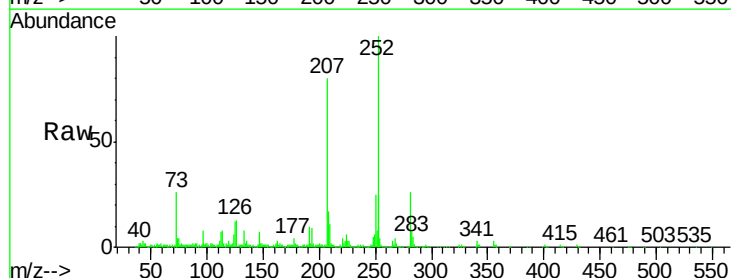
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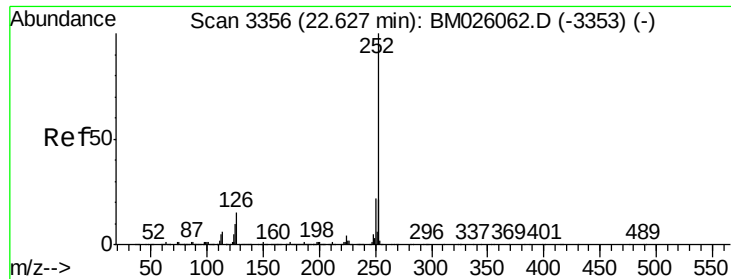
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#88
Benzo(b)fluoranthene
Concen: 3.67 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. 0.00 min
Lab File: BM026066.D
Acq: 21 May 2020 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	240765		
253	24.7		17.1	25.7
125	11.7		8.9	13.3





#89

Benzo(k)fluoranthene

Concen: 1.39 ng/ul m

RT: 22.62 min Scan# 3355

Delta R.T. -0.01 min

Lab File: BM026066.D

Acq: 21 May 2020 20:42

Instrument :

BNA_M

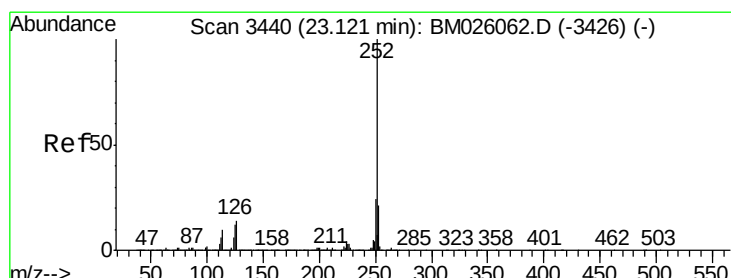
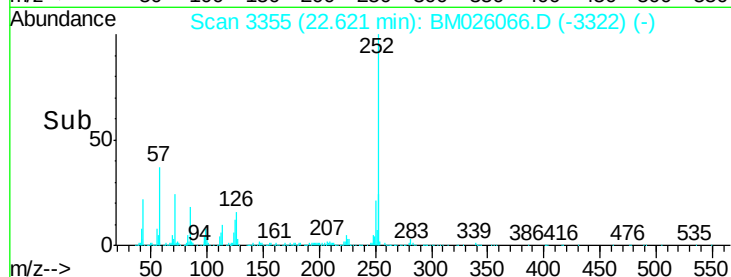
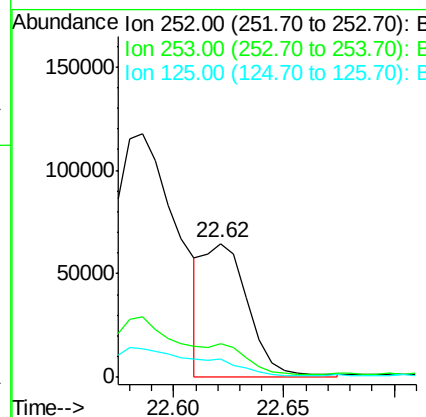
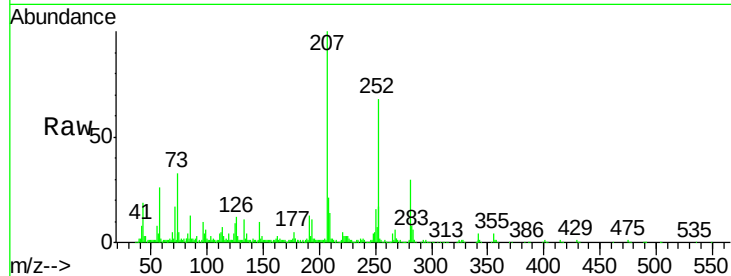
ClientSampleId :

F9B19

Tgt Ion:	252	Resp:	90799
Ion Ratio	Lower	Upper	
252	100		
253	25.5	17.0	25.4#
125	13.6	8.6	13.0#

Manual Integrations
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#91

Benzo(a)pyrene

Concen: 2.22 ng/ul

RT: 23.12 min Scan# 3439

Delta R.T. -0.01 min

Lab File: BM026066.D

Acq: 21 May 2020 20:42

Tgt Ion:	252	Resp:	128185
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.6	26.4
125	12.0	9.8	14.6

