

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027061.D
 Acq On : 13 Aug 2020 14:35
 Operator : JU/CG
 Sample : L3630-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFML0

Manual Integrations
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Sohil
 8/14/2020 2:54:09 PM

Quant Time: Aug 13 15:08:44 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	121643	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	460702	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	288003	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	600970	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	598451	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	607188	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	13342	4.98	ng/uL	0.00
5) Phenol-d5	6.82	99	307127	32.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	205675	31.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	240666	32.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	218426	29.62	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	111722	30.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	124199	32.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	252814	31.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	258756	27.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	743752	32.39	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	939419	34.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	105979	27.33	ng/ul	0.00
58) Fluorene-d10	15.27	176	644320	32.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	82034	24.99	ng/ul	0.00
71) Anthracene-d10	17.12	188	962766	32.52	ng/ul	0.00
79) Pyrene-d10	19.42	212	1066122	35.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	1157412	34.15	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.85	94	10218	1.025 ng/ul#	86
45) Dimethylphthalate	13.73	163	205508	8.539 ng/ul	100
48) Acenaphthylene	13.99	152	43712	1.571 ng/ul	97
70) Phenanthrene	17.06	178	381920	10.600 ng/ul	98
72) Anthracene	17.15	178	52205	1.424 ng/ul	98
77) Fluoranthene	19.08	202	638937	14.625 ng/ul	99
80) Pyrene	19.44	202	616760	15.183 ng/ul	99
83) Benzo(a)anthracene	21.20	228	263562	6.542 ng/ul	93
85) Chrysene	21.25	228	328436	8.305 ng/ul	98
88) Benzo(b)fluoranthene	22.76	252	439423	10.422 ng/ul	99
89) Benzo(k)fluoranthene	22.79	252	153893m	3.683 ng/ul	
91) Benzo(a)pyrene	23.32	252	297714	7.759 ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.60	276	233141	4.715 ng/ul	97
93) Dibenzo(a,h)anthracene	25.61	278	61157	1.460 ng/ul#	81
94) Benzo(g,h,i)perylene	26.27	276	189393	4.638 ng/ul	98

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

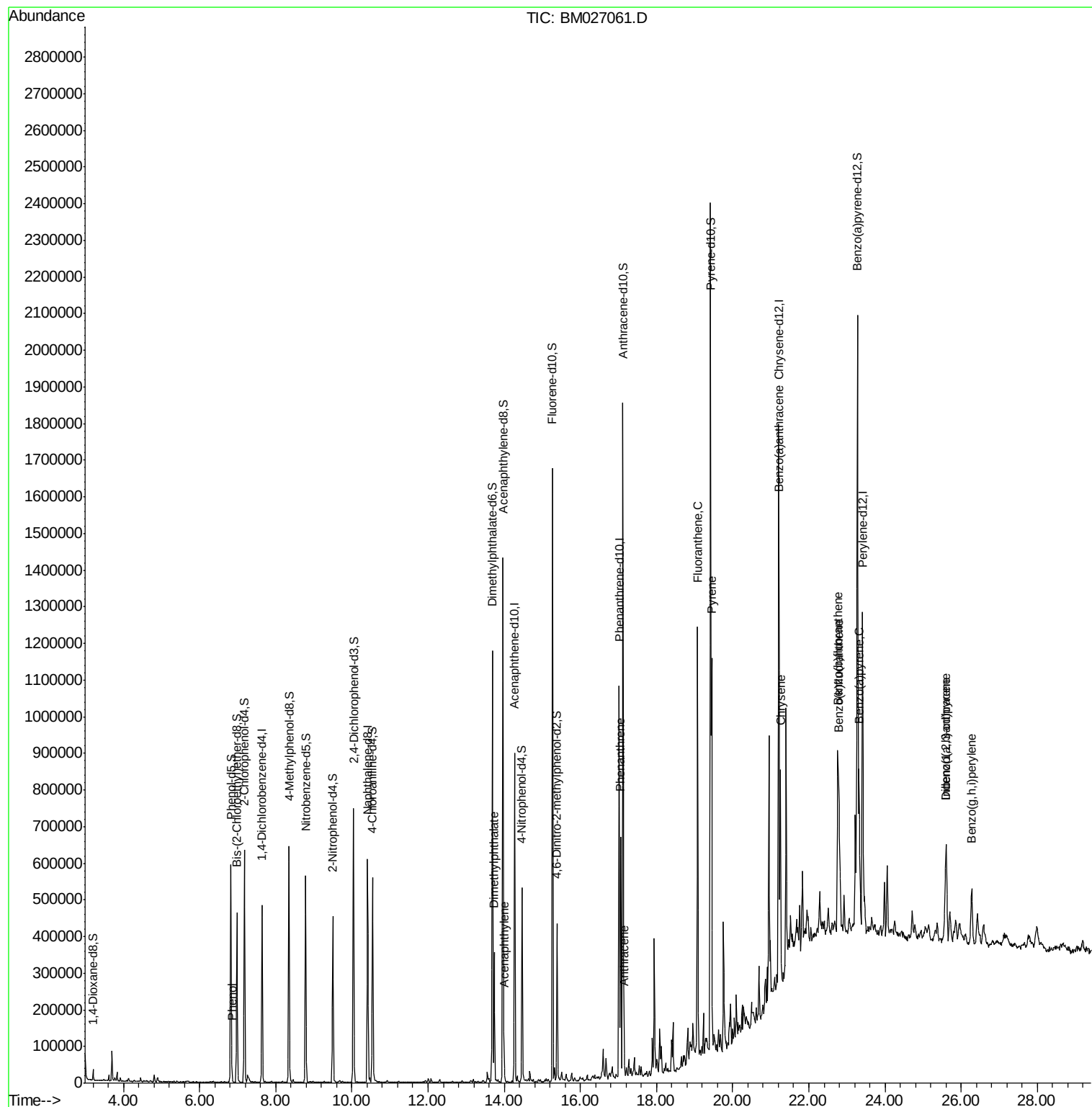
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027061.D
Acq On : 13 Aug 2020 14:35
Operator : JU/CG
Sample : L3630-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

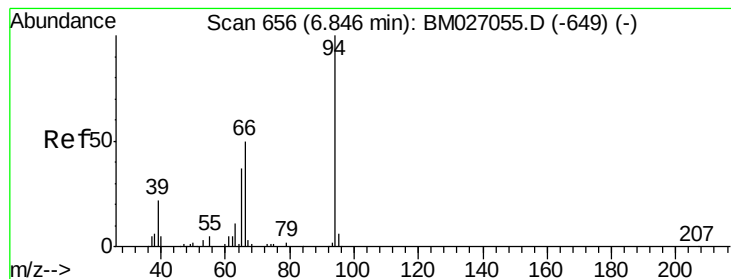
Instrument :
BNA_M
ClientSampleId :
BFML0

Quant Time: Aug 13 15:08:44 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

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#6

Phenol

Concen: 1.025 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.01 min

Lab File: BM027061.D

Acq: 13 Aug 2020 14:35

Instrument :

BNA_M

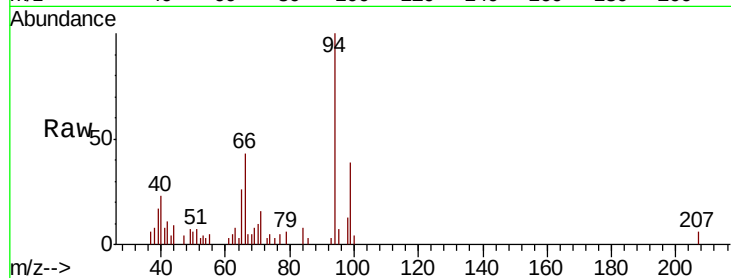
ClientSampled :

BFML0

Tot Ion:	94	Resp:	10218
Ion Ratio	Lower	Upper	
94	100		
65	26.4	28.6	43.0#
66	43.4	41.3	61.9

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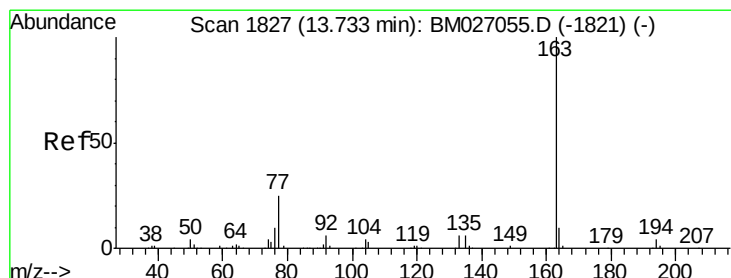
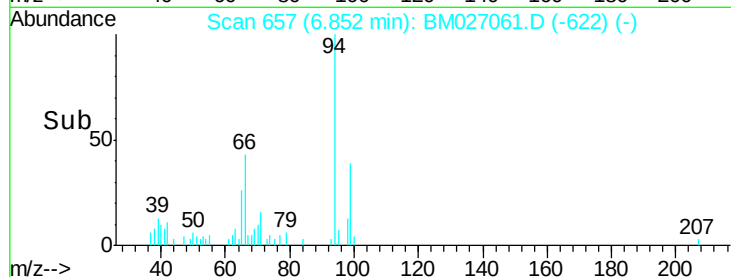
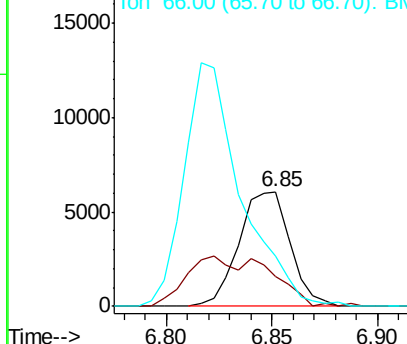


Abundance

Ion 94.00 (93.70 to 94.70): BM027055.D (-649) (-)

Ion 65.00 (64.70 to 65.70): BM027055.D (-649) (-)

Ion 66.00 (65.70 to 66.70): BM027055.D (-649) (-)



#45

Dimethylphthalate

Concen: 8.539 ng/ul

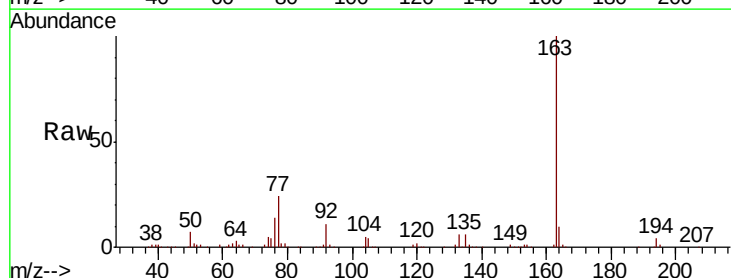
RT: 13.73 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BM027061.D

Acq: 13 Aug 2020 14:35

Tgt Ion:	163	Resp:	205508
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.2	4.8
164	10.1	8.2	12.2

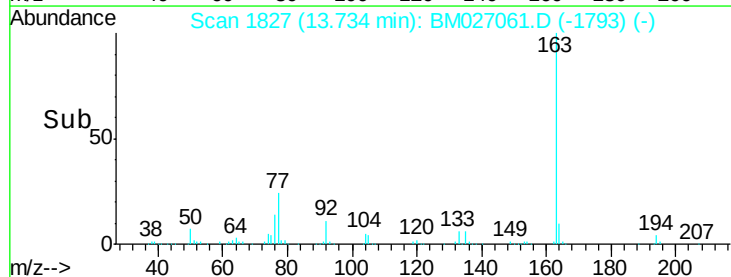
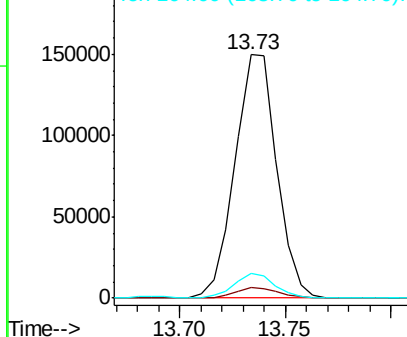


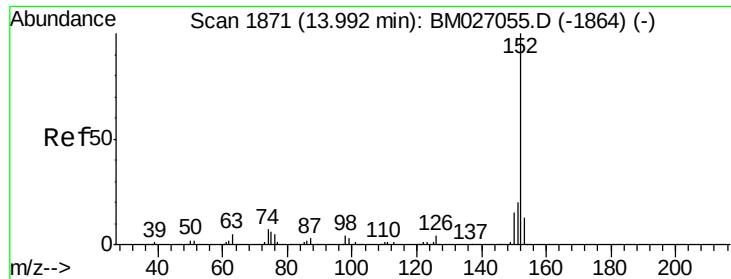
Abundance

Ion 163.00 (162.70 to 163.70): BM027055.D (-1821) (-)

Ion 194.00 (193.70 to 194.70): BM027055.D (-1821) (-)

Ion 164.00 (163.70 to 164.70): BM027055.D (-1821) (-)





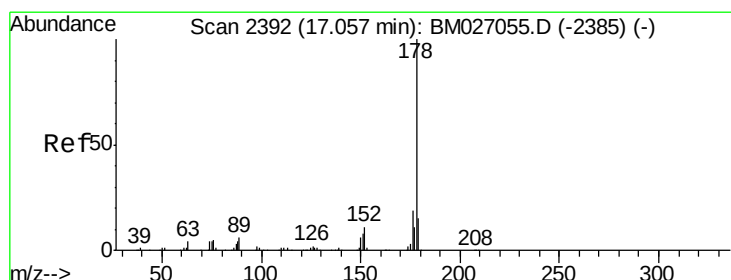
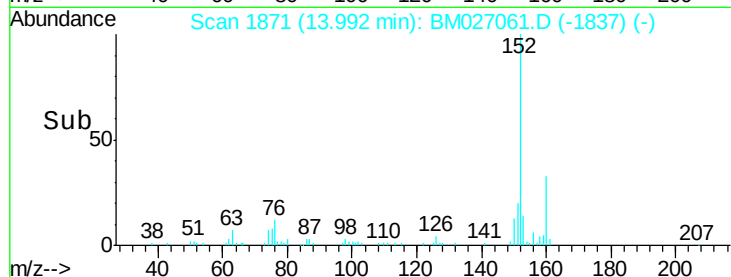
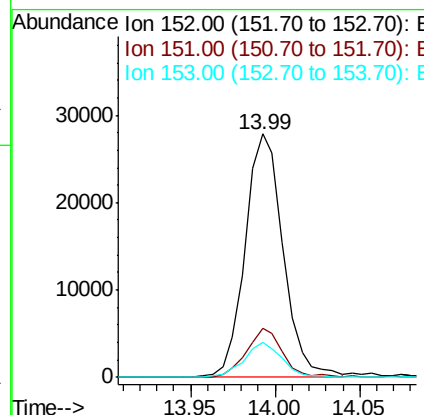
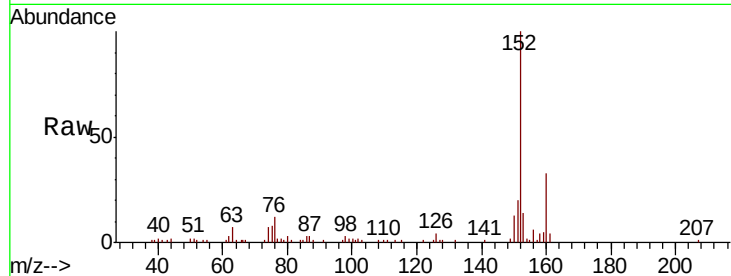
#48
Acenaphthylene
Concen: 1.571 ng/ul
RT: 13.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BM027061.D
Acq: 13 Aug 2020 14:35

Instrument :
BNA_M
ClientSampleId :
BFML0

Tot Ion:	152	Resp:	43712
Ion Ratio	Lower	Upper	
152	100		
151	20.4	15.9	23.9
153	14.2	9.8	14.8

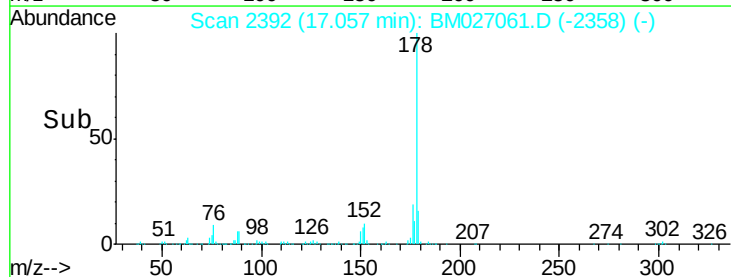
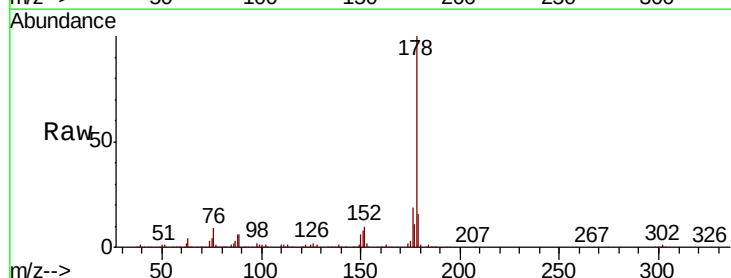
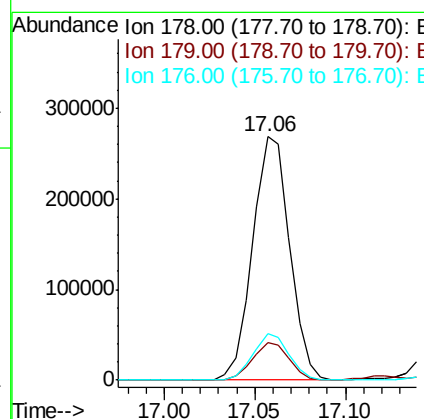
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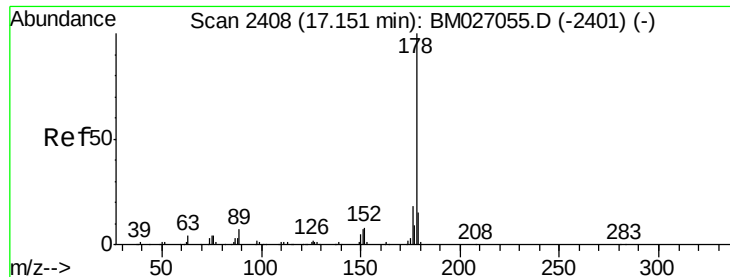
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#70
Phenanthrene
Concen: 10.600 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM027061.D
Acq: 13 Aug 2020 14:35

Tgt Ion:	178	Resp:	381920
Ion Ratio	Lower	Upper	
178	100		
179	15.6	11.9	17.9
176	19.2	14.6	22.0





#72

Anthracene

Concen: 1.424 ng/ul

RT: 17.15 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BM027061.D

Acq: 13 Aug 2020 14:35

Instrument :

BNA_M

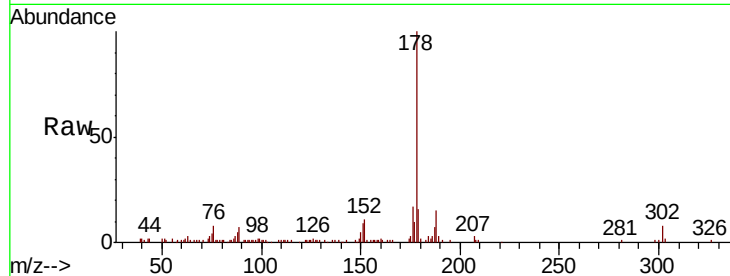
ClientSampled :

BFML0

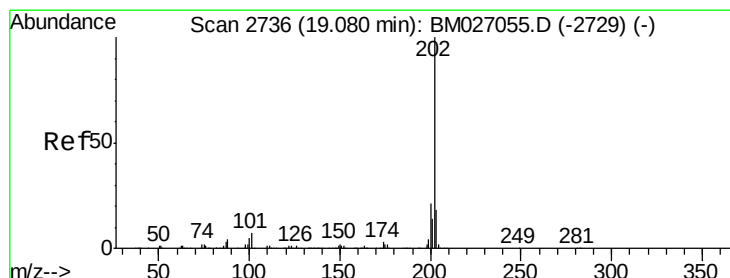
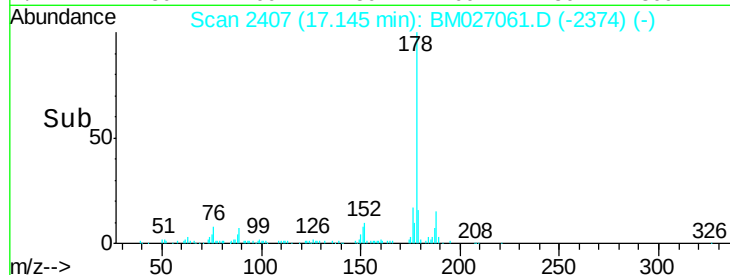
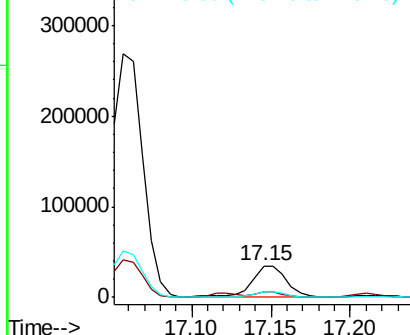
Tot Ion:	178	Resp:	52205
Ion Ratio	Lower	Upper	
178	100		
179	16.3	12.0	18.0
176	17.1	14.3	21.5

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



#77

Fluoranthene

Concen: 14.625 ng/ul

RT: 19.08 min Scan# 2736

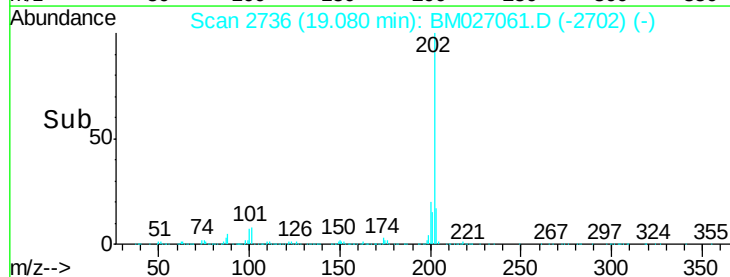
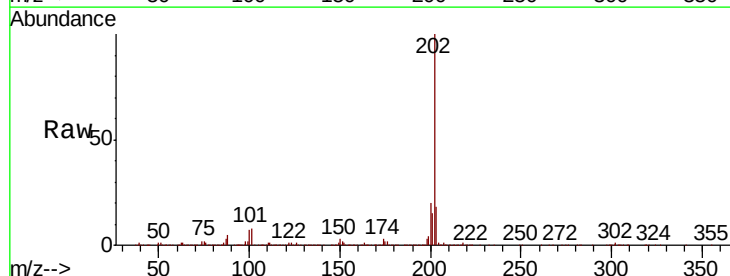
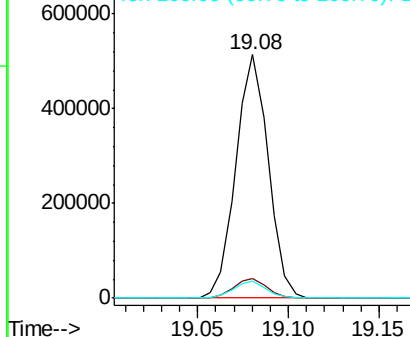
Delta R.T. 0.00 min

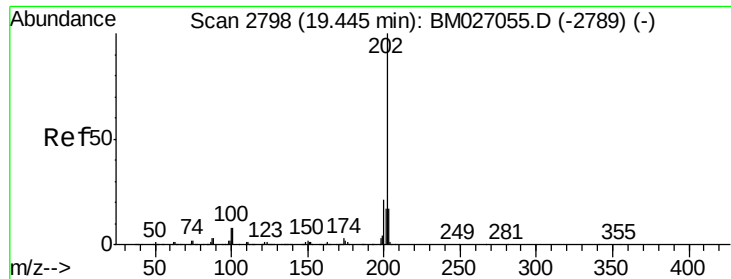
Lab File: BM027061.D

Acq: 13 Aug 2020 14:35

Tgt Ion:	202	Resp:	638937
Ion Ratio	Lower	Upper	
202	100		
101	7.9	6.7	10.1
100	6.8	5.4	8.2

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





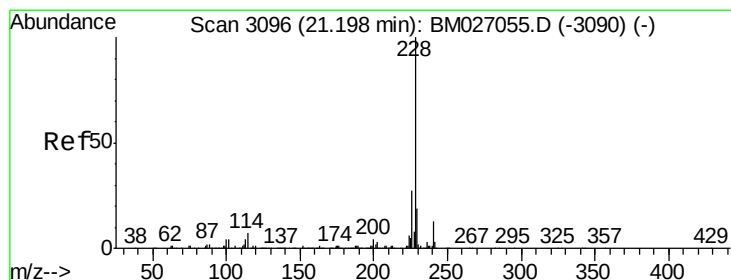
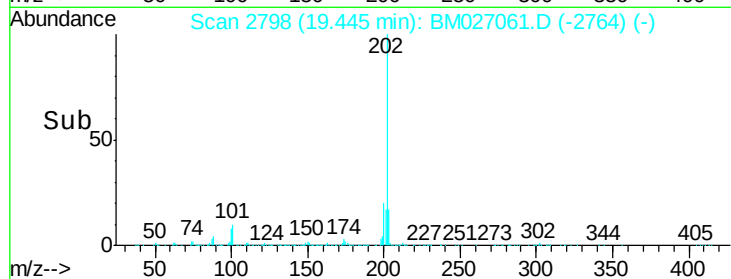
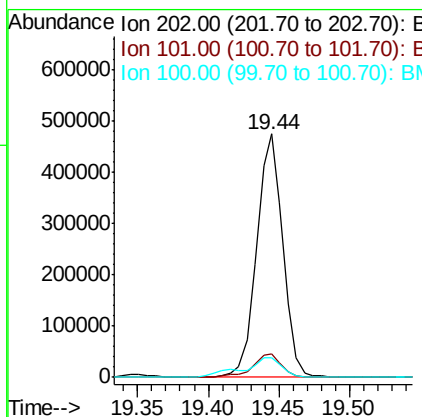
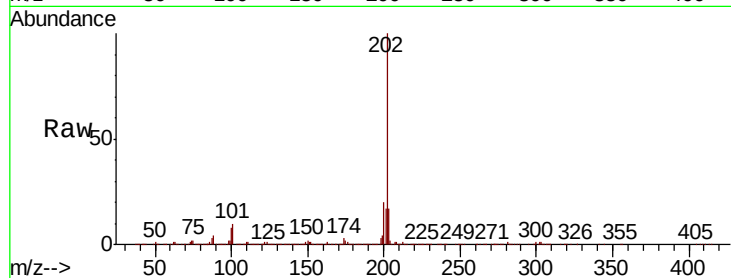
#80
Pvrene
Concen: 15.183 ng/ul
RT: 19.44 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BM027061.D
Acq: 13 Aug 2020 14:35

Instrument :
BNA_M
ClientSampleId :
BFML0

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		616760		
101	9.8	7.6	11.4		
100	8.2	6.3	9.5		

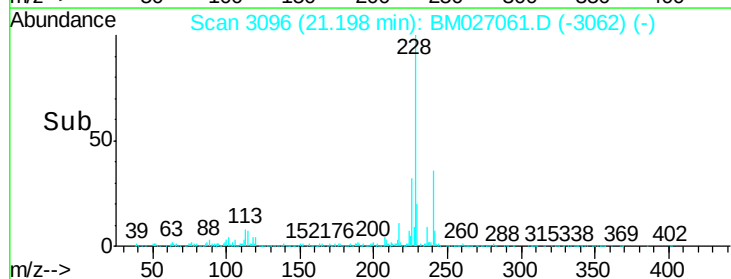
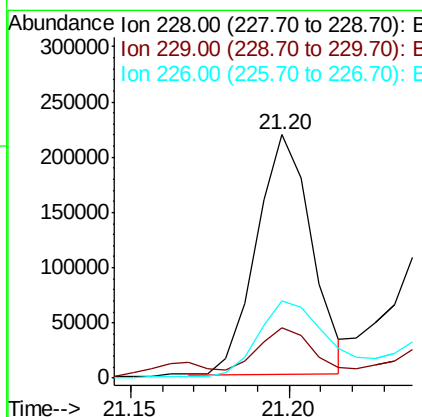
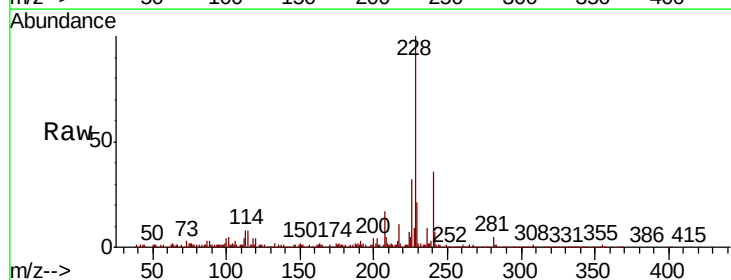
Manual Integrations
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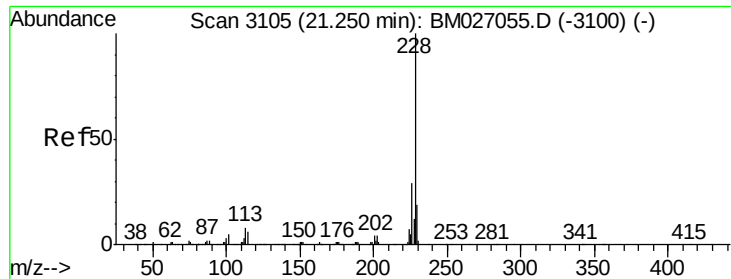
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#83
Benzo(a)anthracene
Concen: 6.542 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM027061.D
Acq: 13 Aug 2020 14:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		263562		
229	20.6	15.8	23.6		
226	31.8	21.2	31.8		





#85

Chrysene

Concen: 8.305 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BM027061.D

Acq: 13 Aug 2020 14:35

Instrument :

BNA_M

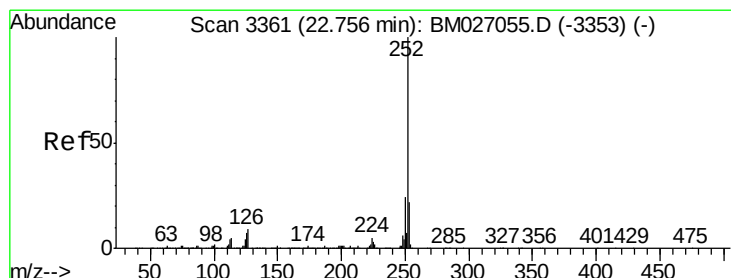
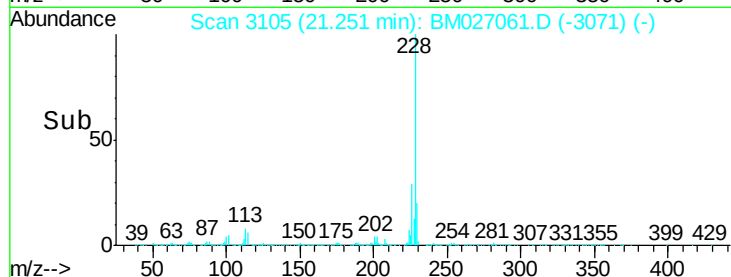
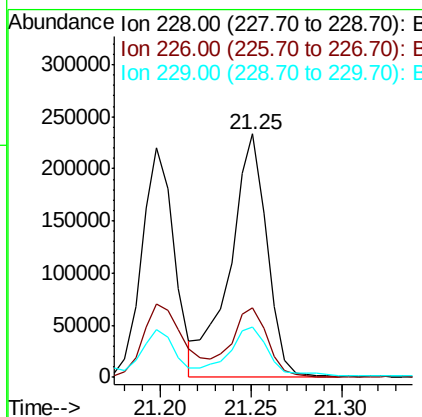
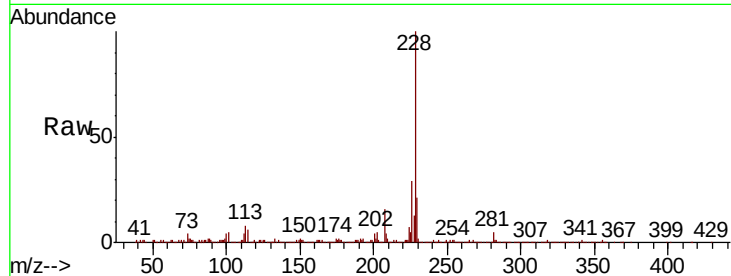
ClientSampleId :

BFML0

Tot Ion:	228	Resp:	328436
Ion Ratio	Lower	Upper	
228	100		
226	28.7	23.8	35.6
229	20.8	15.8	23.8

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 10.422 ng/ul

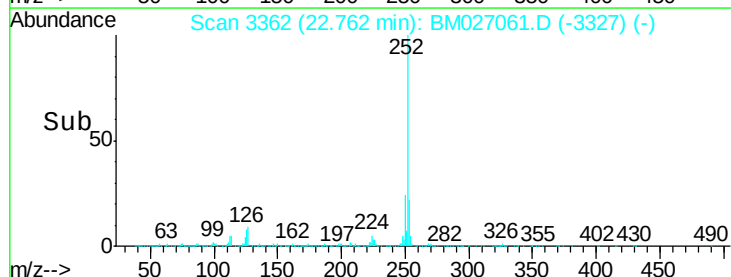
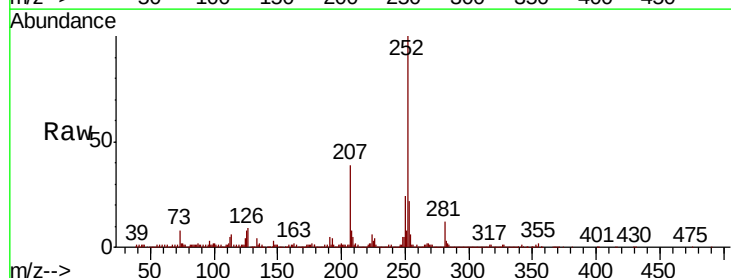
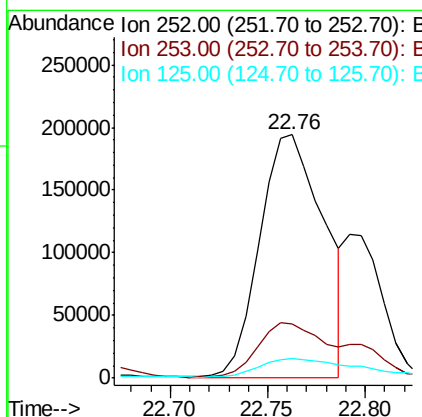
RT: 22.76 min Scan# 3362

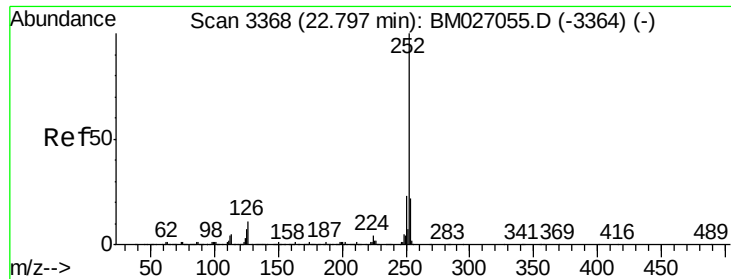
Delta R.T. 0.01 min

Lab File: BM027061.D

Acq: 13 Aug 2020 14:35

Tgt Ion:	252	Resp:	439423
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.6	26.4
125	8.2	6.0	9.0





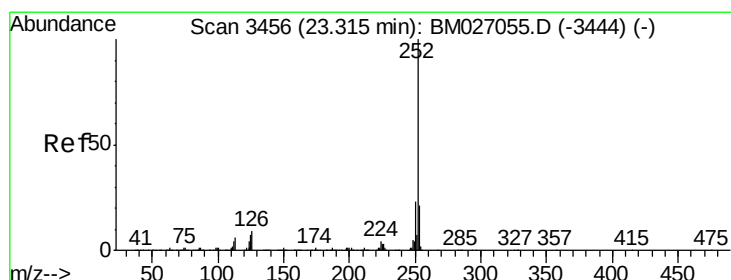
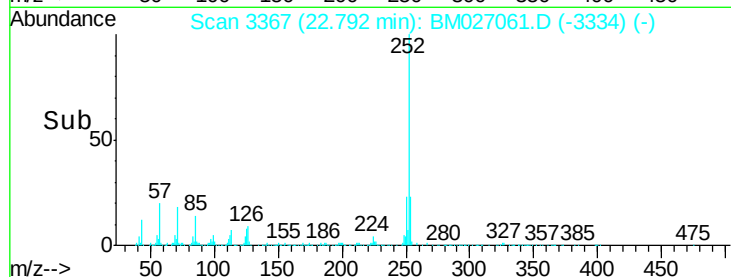
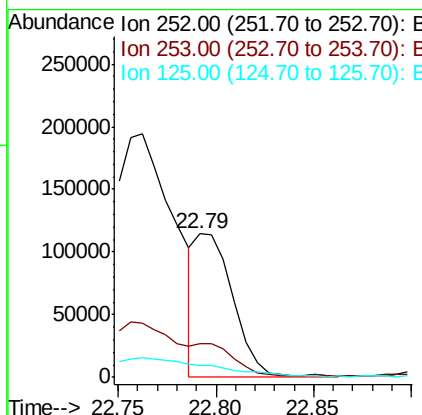
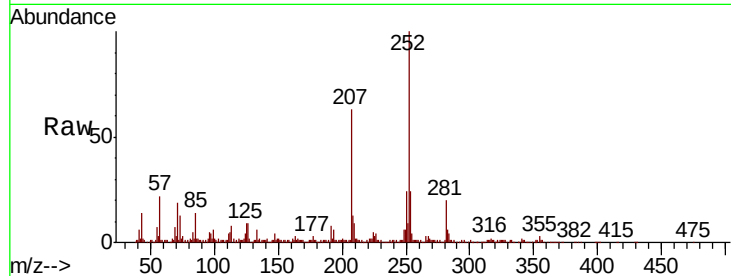
#89
Benzo(k)fluoranthene
Concen: 3.683 ng/ul m
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM027061.D
Acq: 13 Aug 2020 14:35

Instrument :
BNA_M
ClientSampled :
BFML0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	8.6	5.5	8.3

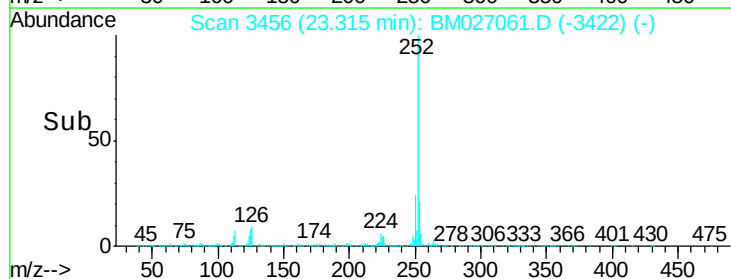
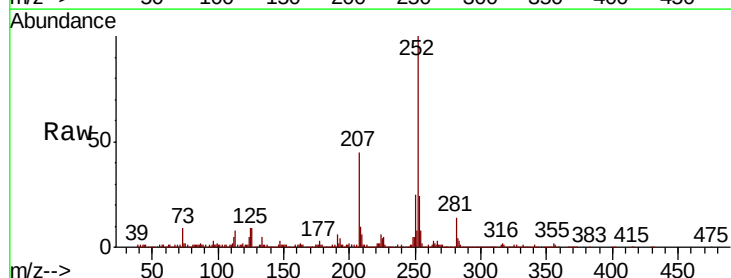
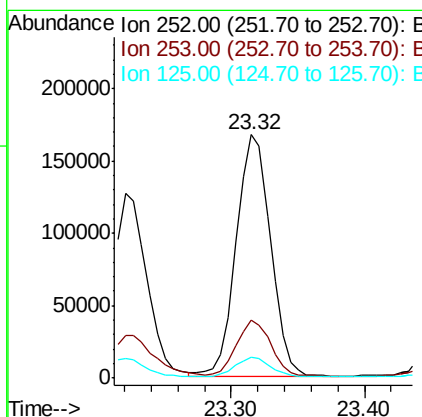
Manual Integrations
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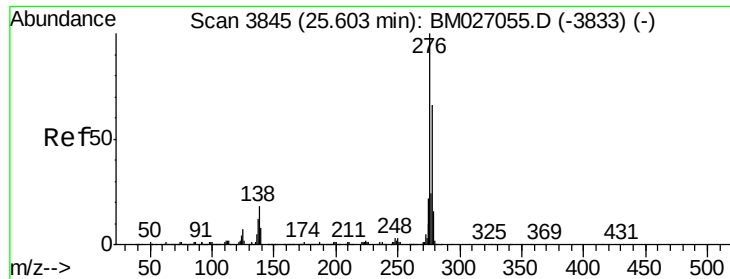
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#91
Benzo(a)pyrene
Concen: 7.759 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. 0.00 min
Lab File: BM027061.D
Acq: 13 Aug 2020 14:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.4
125	8.7	5.8	8.8





#92

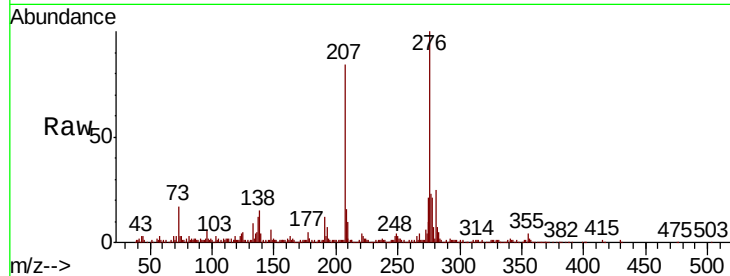
Indeno(1,2,3-cd)pyrene
Concen: 4.715 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. 0.00 min
Lab File: BM027061.D
Acq: 13 Aug 2020 14:35

Instrument :
BNA_M
ClientSampleId :
BFML0

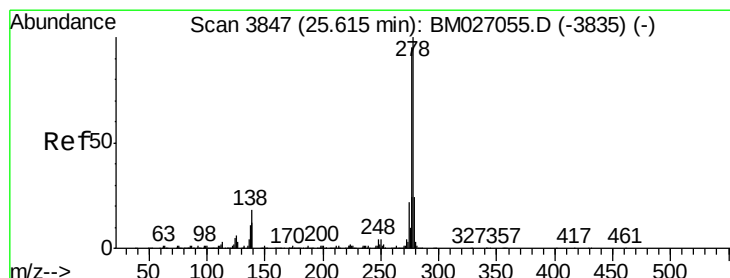
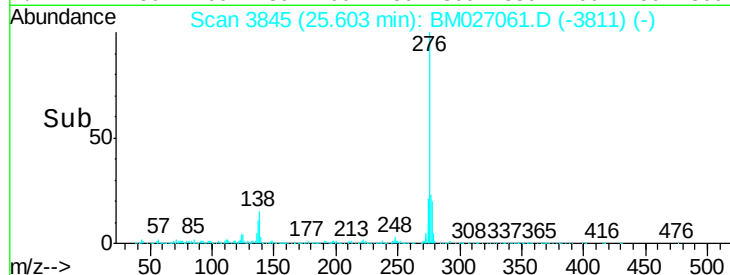
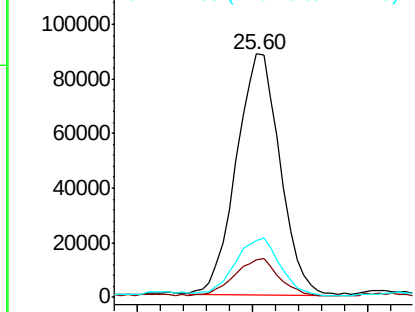
Tot Ion:	276	Resp:	233141
Ion Ratio	Lower	Upper	
276	100		
138	15.4	13.9	20.9
277	23.5	19.8	29.8

Manual Integrations
APPROVED

Sohil
8/14/2020 2:54:09 PM



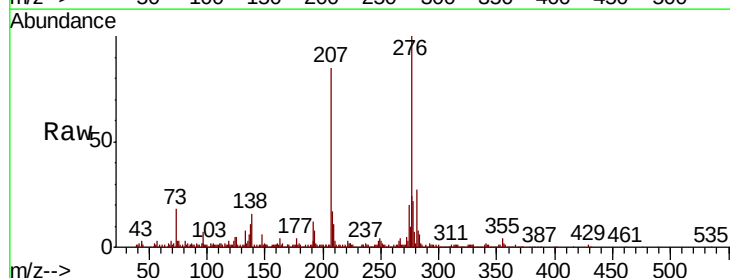
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



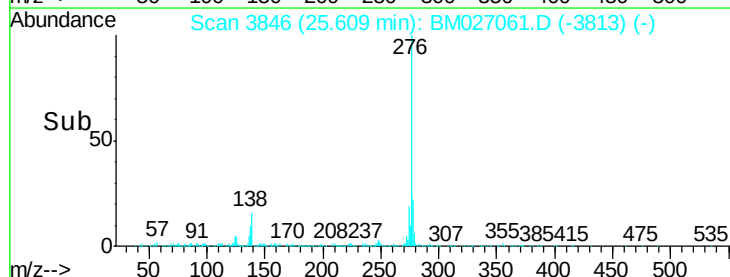
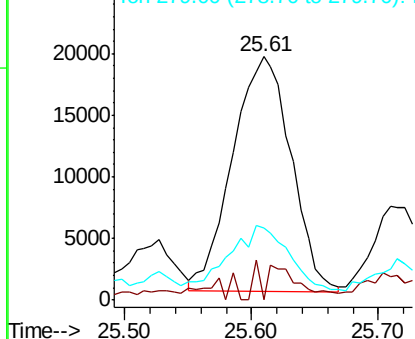
#93

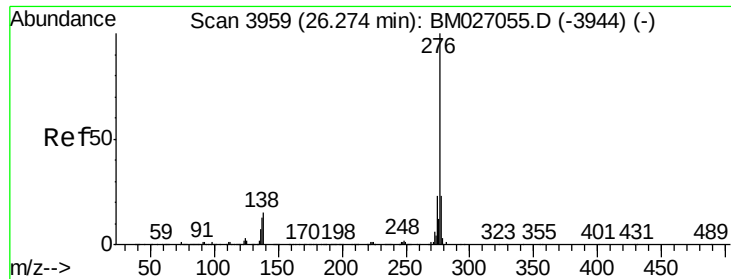
Dibenzo(a,h)anthracene
Concen: 1.460 ng/ul
RT: 25.61 min Scan# 3846
Delta R.T. -0.01 min
Lab File: BM027061.D
Acq: 13 Aug 2020 14:35

Tgt Ion:	278	Resp:	61157
Ion Ratio	Lower	Upper	
278	100		
139	0.0	9.4	14.0#
279	29.8	18.7	28.1#



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(a,h,i)perylene

Concen: 4.638 ng/ul

RT: 26.27 min Scan# 3959

Delta R.T. 0.00 min

Lab File: BM027061.D

Acq: 13 Aug 2020 14:35

Instrument :

BNA_M

ClientSampleId :

BFML0

Tot Ion:	276	Resp:	189393
Ion Ratio	Lower	Upper	
276	100		
138	15.0	12.3	18.5
277	22.6	19.0	28.6

Manual Integrations
APPROVED

Sohil
8/14/2020 2:54:09 PM

