

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027077.D
 Acq On : 14 Aug 2020 02:07
 Operator : JU/CG
 Sample : L3630-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BFML5

Manual Integrations
 APPROVED

Sohil
 8/14/2020 2:54:23 PM

Quant Time: Aug 14 04:18:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 14 03:16:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	148681	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	546235	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	338097	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	716259	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	728959	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	737144	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	13852	4.23	ng/uL	0.00
5) Phenol-d5	6.82	99	347070	30.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	230997	29.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	270507	29.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	271597	30.13	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	131132	30.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	144414	32.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	291828	30.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	320620	29.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	841514	31.21	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1050765	32.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	124577	27.37	ng/ul	0.00
58) Fluorene-d10	15.27	176	720137	30.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	88782	22.69	ng/ul	0.00
71) Anthracene-d10	17.12	188	1104939	31.31	ng/ul	0.00
79) Pyrene-d10	19.42	212	1262782	34.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	1379956	33.54	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.85	94	14183	1.164	ng/ul 99
45) Dimethylphthalate	13.73	163	279770	9.902	ng/ul 99
48) Acenaphthylene	13.99	152	35172	1.077	ng/ul 97
70) Phenanthrene	17.06	178	251870	5.866	ng/ul 98
72) Anthracene	17.15	178	48815	1.117	ng/ul 97
77) Fluoranthene	19.08	202	535191	10.278	ng/ul 100
80) Pyrene	19.44	202	543153	10.977	ng/ul 99
83) Benzo(a)anthracene	21.19	228	285744	5.823	ng/ul 96
85) Chrysene	21.24	228	289443	6.009	ng/ul 97
88) Benzo(b)fluoranthene	22.76	252	457902	8.946	ng/ul 99
89) Benzo(k)fluoranthene	22.79	252	113166m	2.231	ng/ul
91) Benzo(a)pyrene	23.31	252	311174	6.680	ng/ul 95
92) Indeno(1,2,3-cd)pyrene	25.60	276	235856	3.929	ng/ul 97
93) Dibenzo(a,h)anthracene	25.60	278	64287	1.264	ng/ul# 86
94) Benzo(g,h,i)perylene	26.27	276	171037	3.450	ng/ul 96

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

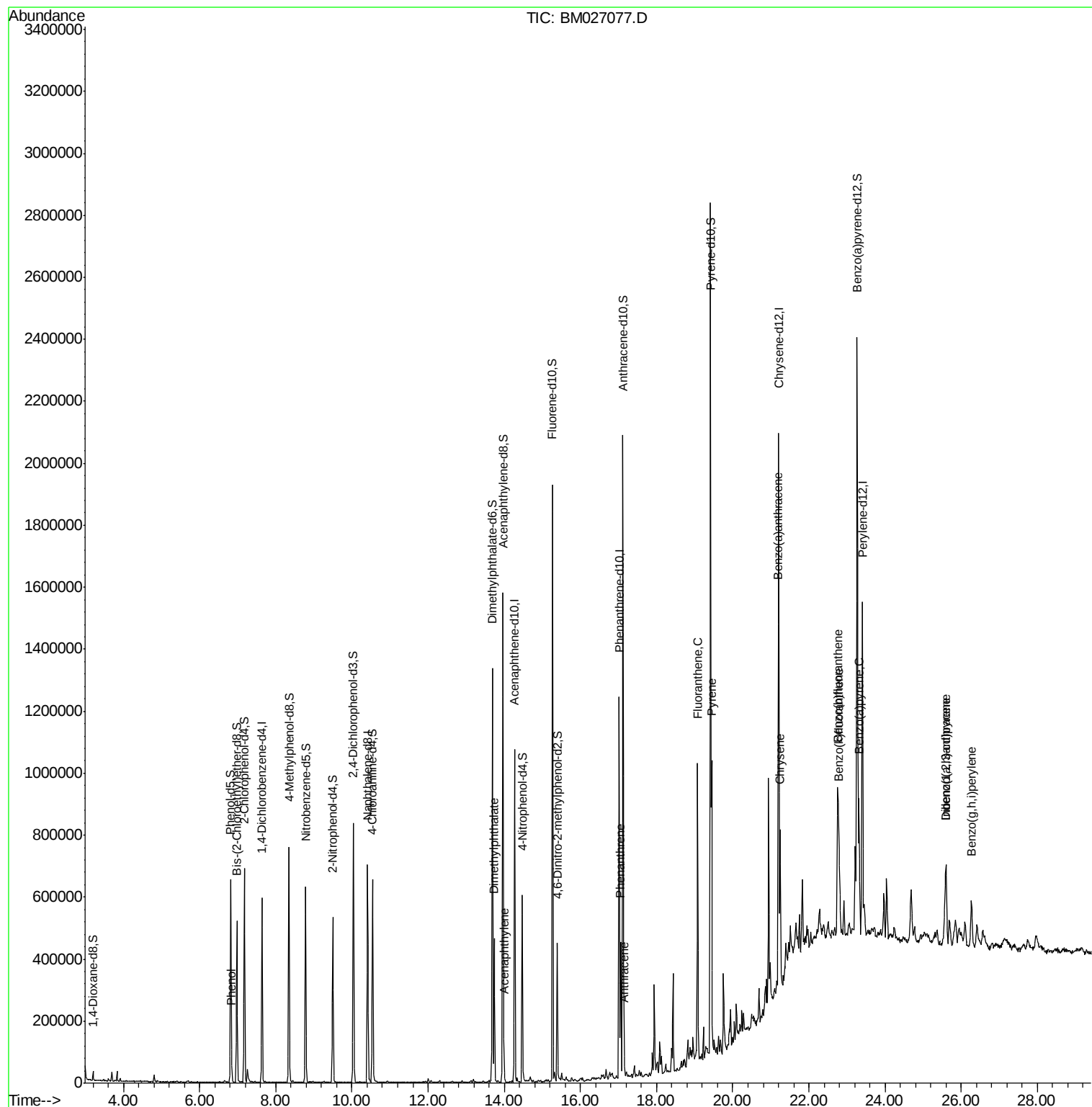
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027077.D
Acq On : 14 Aug 2020 02:07
Operator : JU/CG
Sample : L3630-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

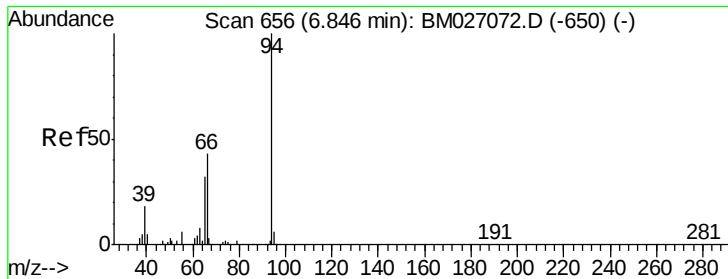
Instrument :
BNA_M
ClientSampleId :
BFML5

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Quant Time: Aug 14 04:18:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 03:16:58 2020
Response via : Initial Calibration





#6

Phenol

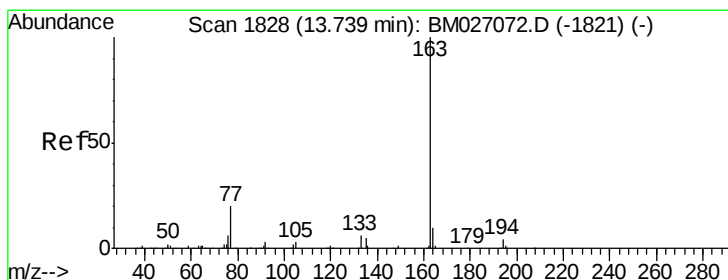
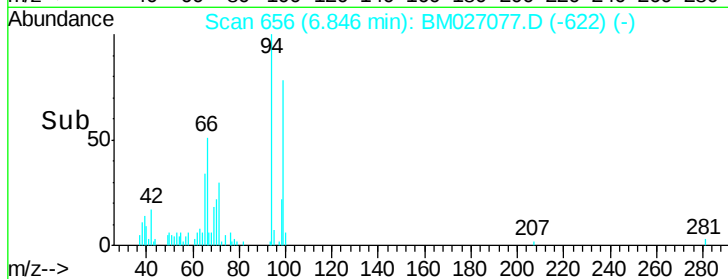
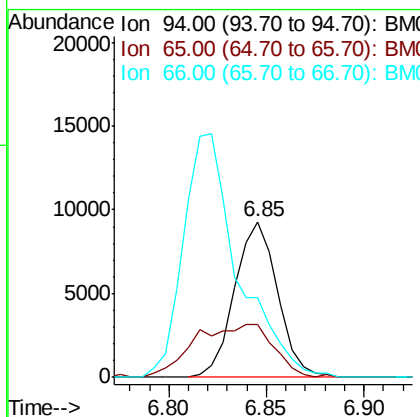
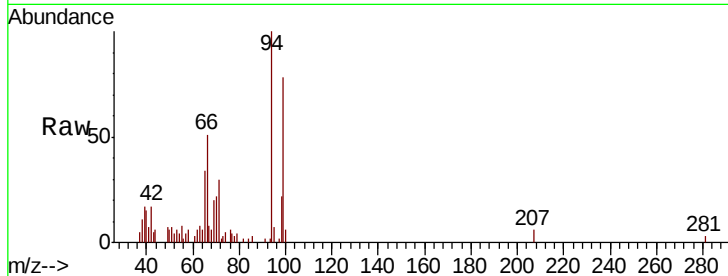
Concen: 1.164 ng/ul
 RT: 6.85 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: BM027077.D
 Acq: 14 Aug 2020 02:07

Instrument :
 BNA_M
 ClientSampled :
 BFML5

Tot Ion:	94	Resp:	14183
Ion	Ratio	Lower	Upper
94	100		
65	34.3	28.6	43.0
66	51.4	41.3	61.9

Manual Integrations
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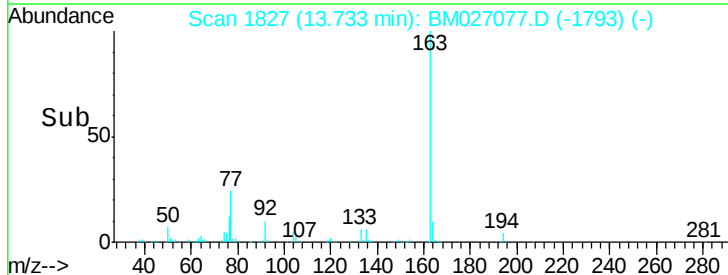
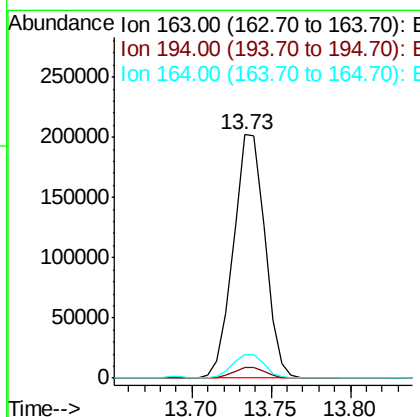
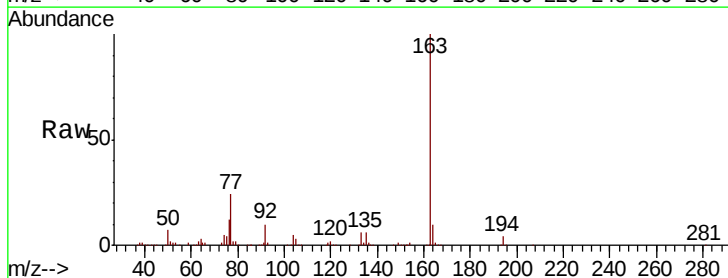


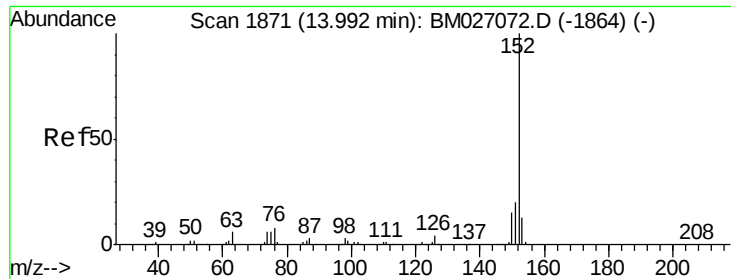
#45

Dimethylphthalate

Concen: 9.902 ng/ul
 RT: 13.73 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BM027077.D
 Acq: 14 Aug 2020 02:07

Tgt Ion:	163	Resp:	279770
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.8	8.2	12.2





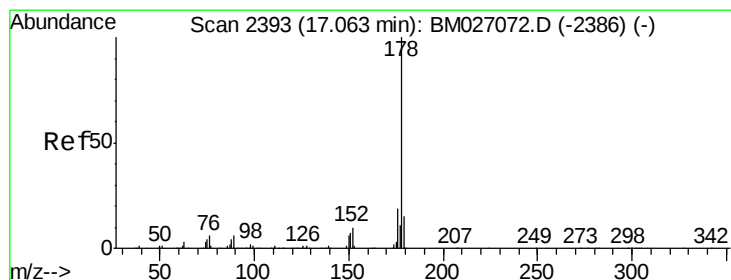
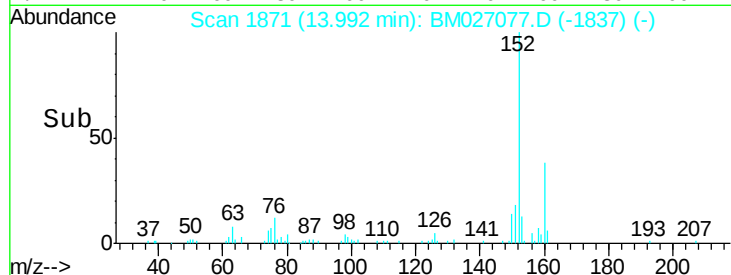
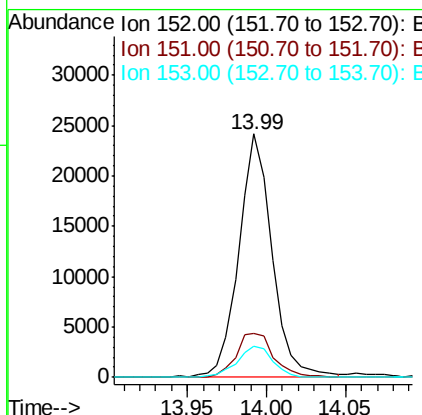
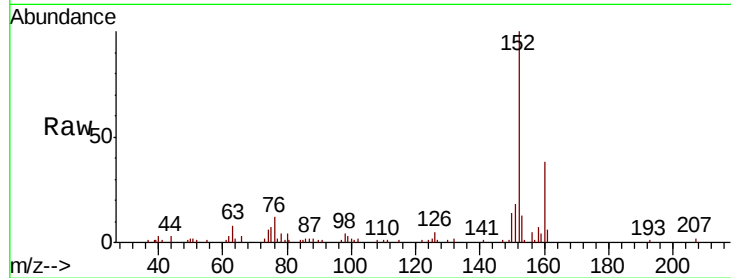
#48
Acenaphthylene
Concen: 1.077 ng/ul
RT: 13.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BM027077.D
Acq: 14 Aug 2020 02:07

Instrument :
BNA_M
ClientSampleId :
BFML5

Tot Ion:	152	Resp:	35172
Ion Ratio	Lower	Upper	
152	100		
151	18.3	15.9	23.9
153	12.9	9.8	14.8

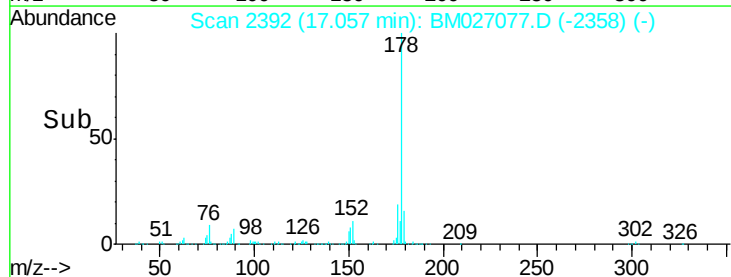
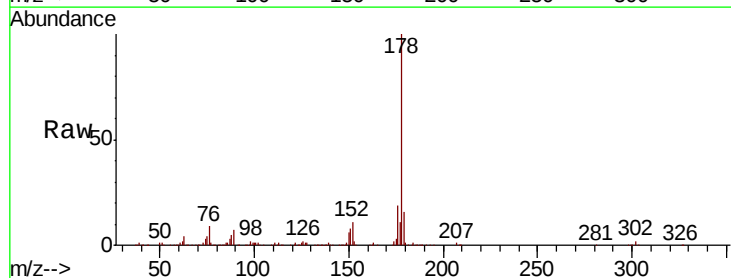
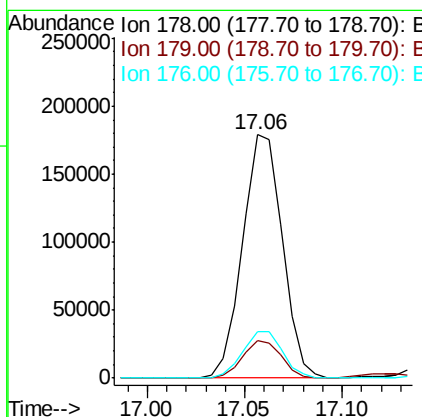
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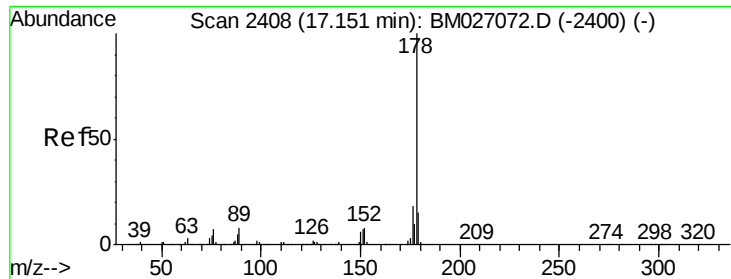
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#70
Phenanthrene
Concen: 5.866 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM027077.D
Acq: 14 Aug 2020 02:07

Tgt Ion:	178	Resp:	251870
Ion Ratio	Lower	Upper	
178	100		
179	15.6	11.9	17.9
176	18.9	14.6	22.0





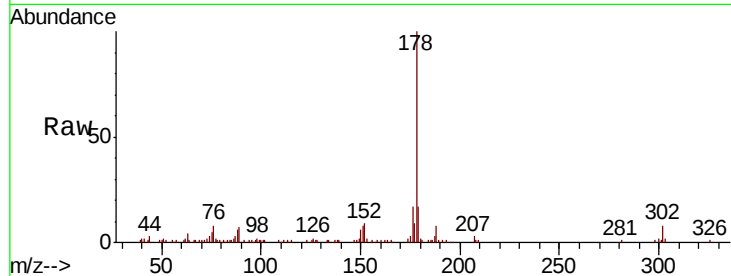
#72
 Anthracene
 Concen: 1.117 ng/ul
 RT: 17.15 min Scan# 2408
 Delta R.T. -0.00 min
 Lab File: BM027077.D
 Acq: 14 Aug 2020 02:07

Instrument :
 BNA_M
 ClientSampleId :
 BFML5

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.0	18.0
176	17.3	14.3	21.5

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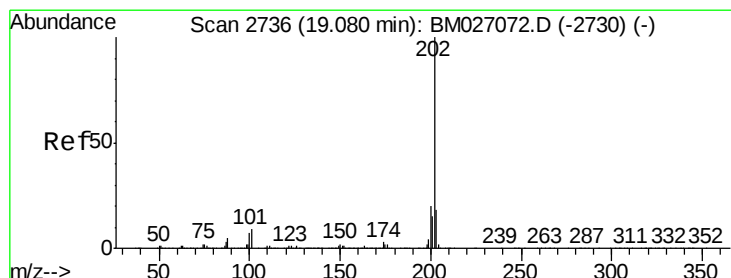
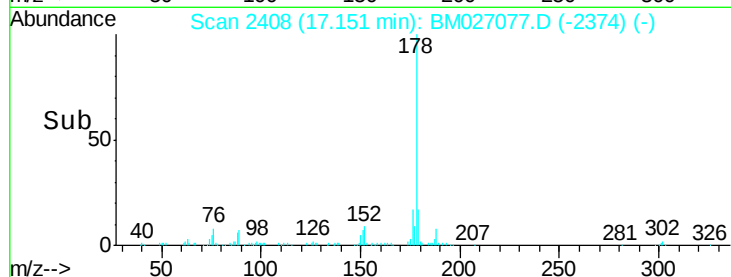
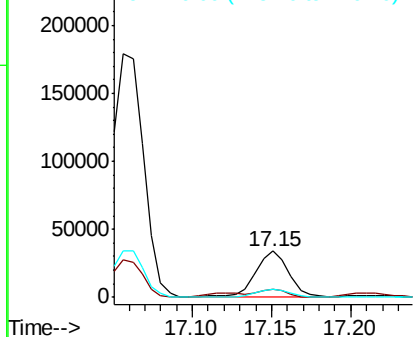


Abundance

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: 10.278 ng/ul
 RT: 19.08 min Scan# 2736
 Delta R.T. -0.00 min
 Lab File: BM027077.D
 Acq: 14 Aug 2020 02:07

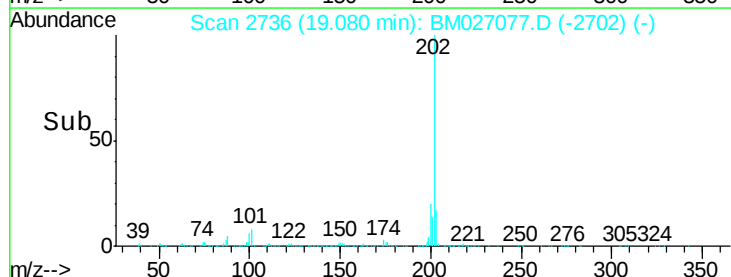
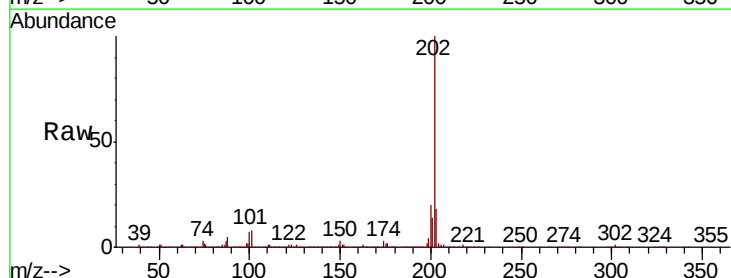
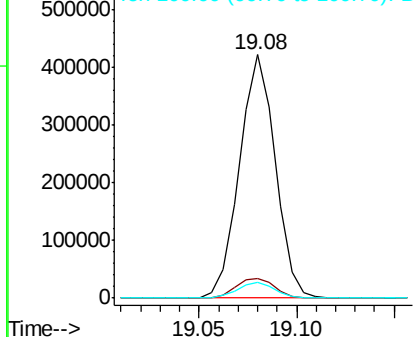
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.7	10.1
100	6.6	5.4	8.2

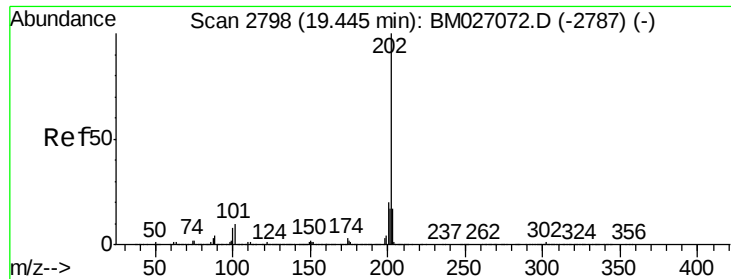
Abundance

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





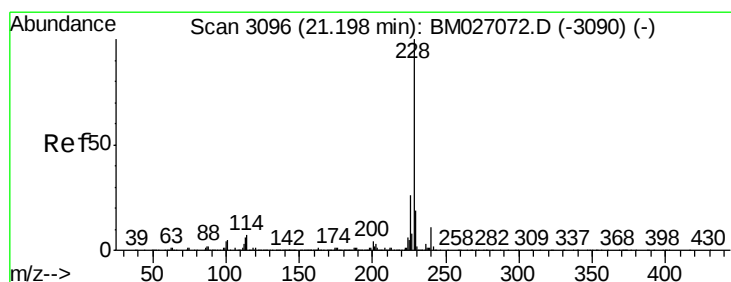
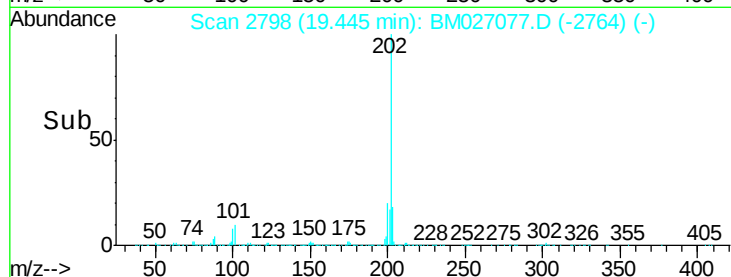
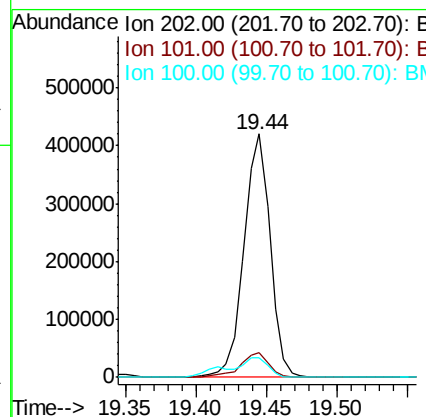
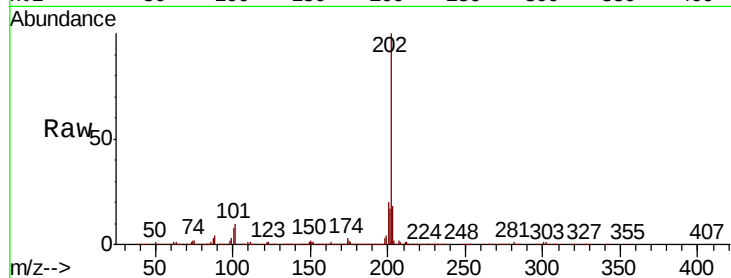
#80
Pvrene
Concen: 10.977 ng/ul
RT: 19.44 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BM027077.D
Acq: 14 Aug 2020 02:07

Instrument :
BNA_M
ClientSampleId :
BFML5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.1	7.6	11.4
100	8.2	6.3	9.5

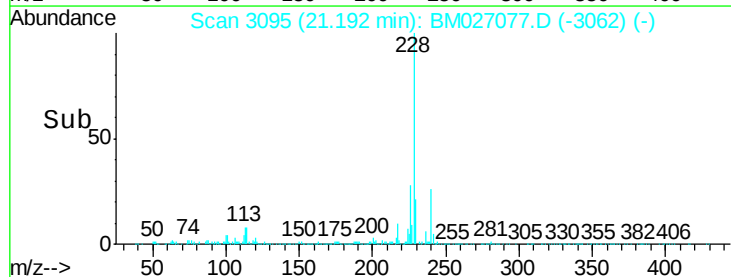
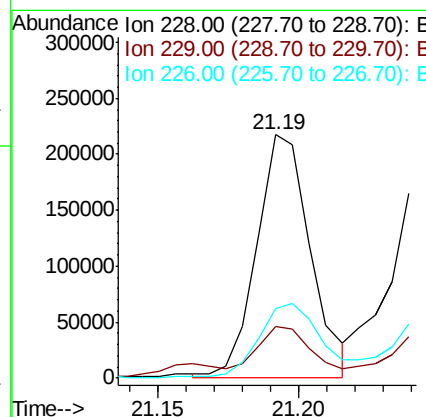
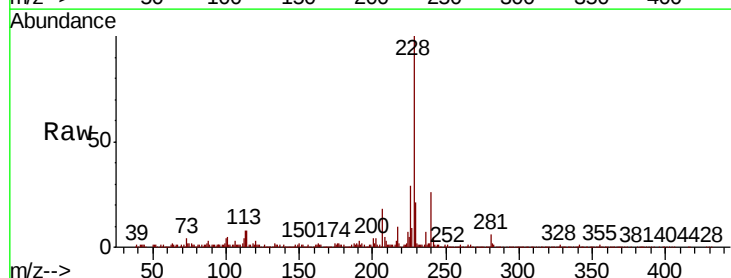
Manual Integrations
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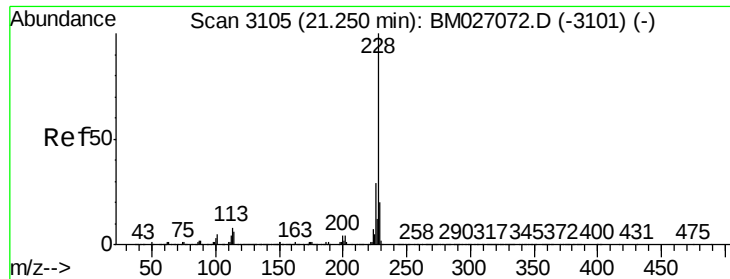
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#83
Benzo(a)anthracene
Concen: 5.823 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM027077.D
Acq: 14 Aug 2020 02:07

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.3	15.8	23.6
226	28.8	21.2	31.8





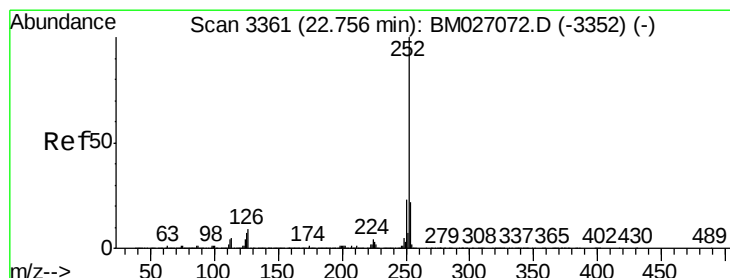
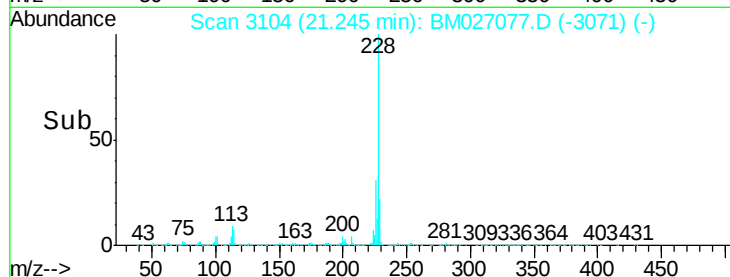
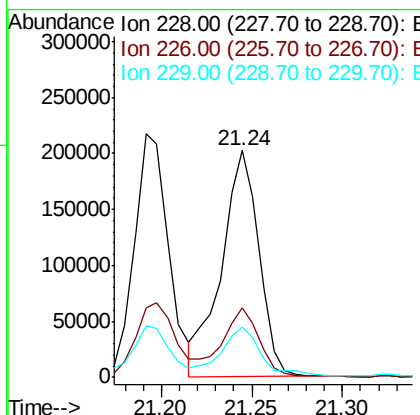
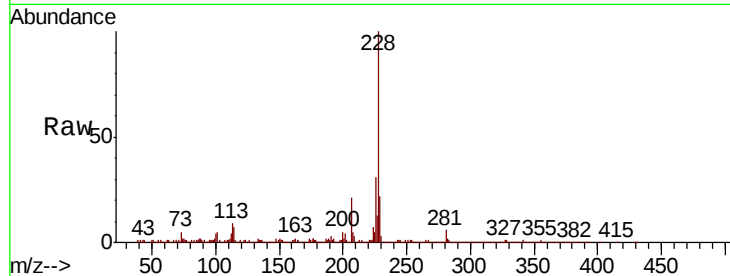
#85
Chrysene
Concen: 6.009 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM027077.D
Acq: 14 Aug 2020 02:07

Instrument :
BNA_M
ClientSampled :
BFML5

Tot Ion:	228	Resp:	289443
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.8	35.6
229	22.0	15.8	23.8

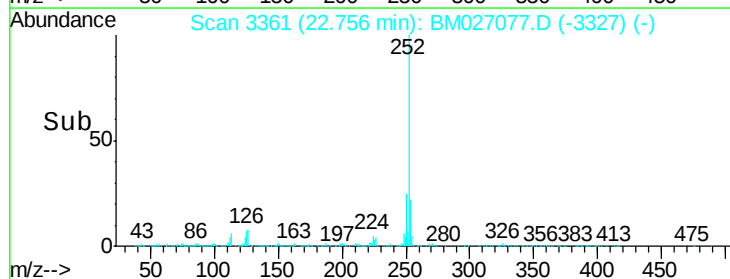
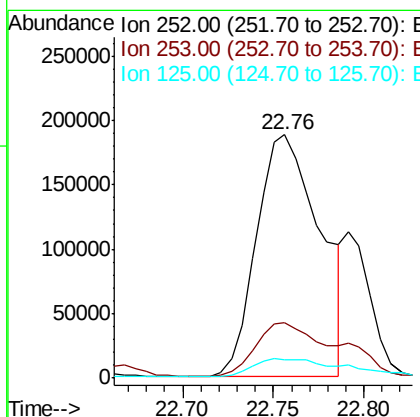
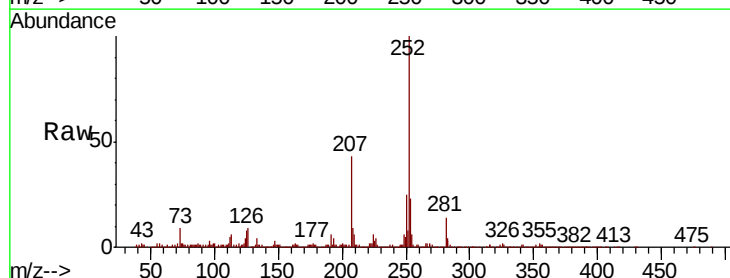
Manual Integrations
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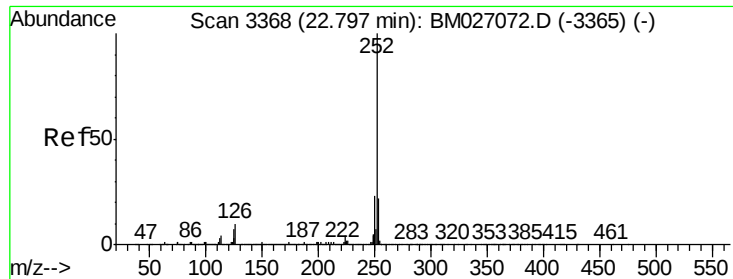
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#88
Benzo(b)fluoranthene
Concen: 8.946 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BM027077.D
Acq: 14 Aug 2020 02:07

Tgt Ion:	252	Resp:	457902
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.6	26.4
125	7.8	6.0	9.0





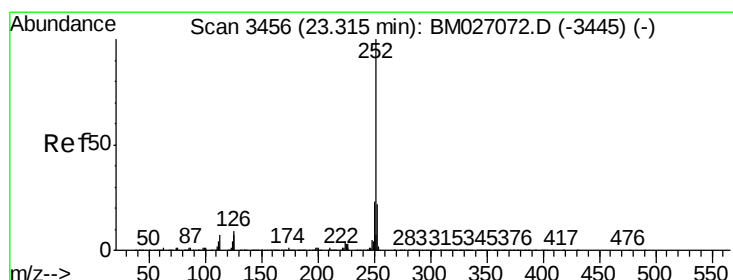
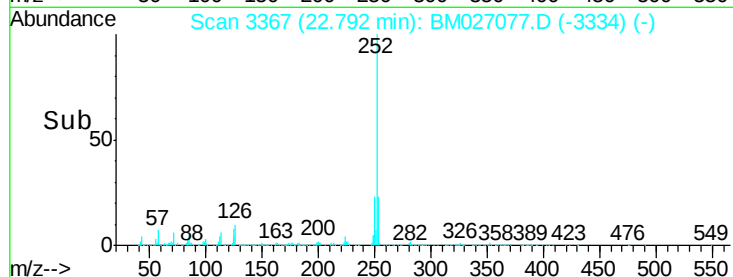
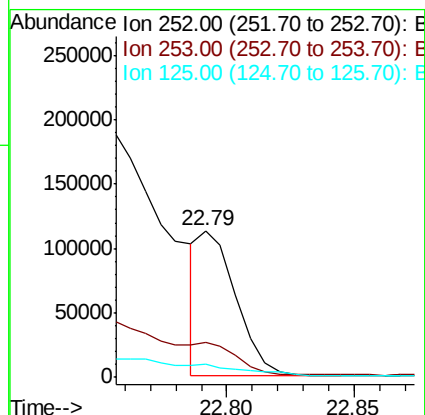
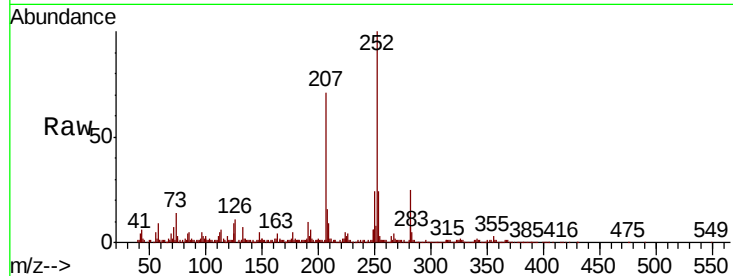
#89
Benzo(k)fluoranthene
Concen: 2.231 ng/ul
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM027077.D
Acq: 14 Aug 2020 02:07

Instrument :
BNA_M
ClientSampled :
BFML5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	8.8	5.5	8.3

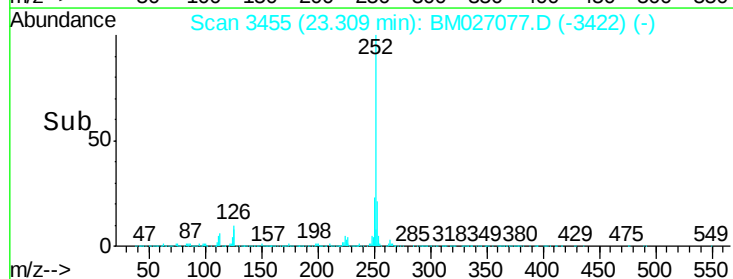
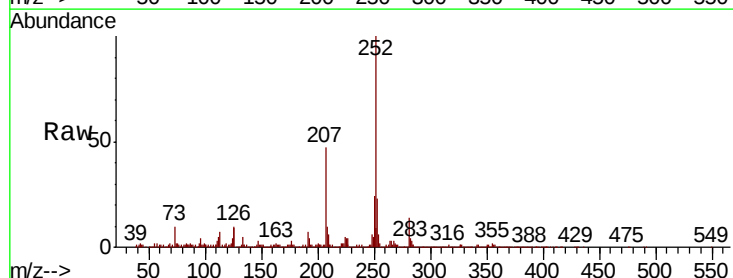
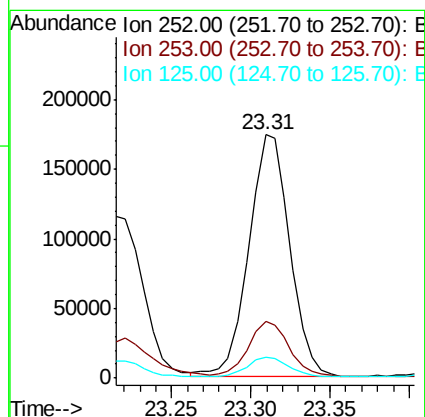
Manual Integrations
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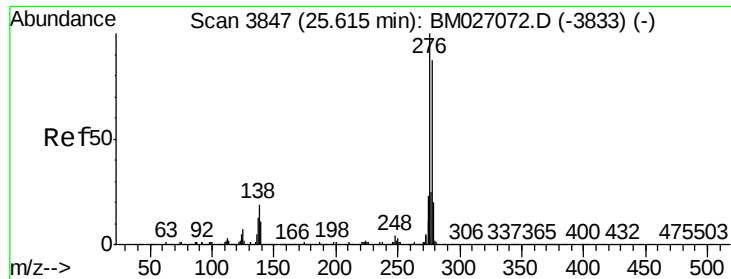
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#91
Benzo(a)pyrene
Concen: 6.680 ng/ul
RT: 23.31 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM027077.D
Acq: 14 Aug 2020 02:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.4
125	8.5	5.8	8.8





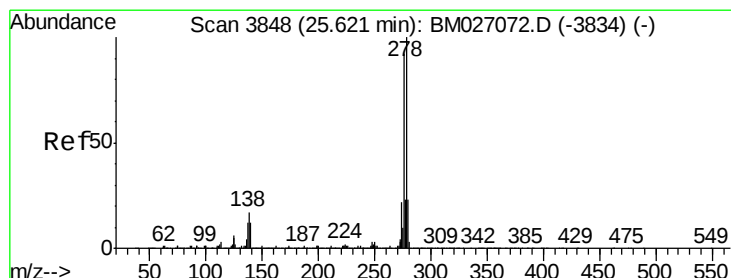
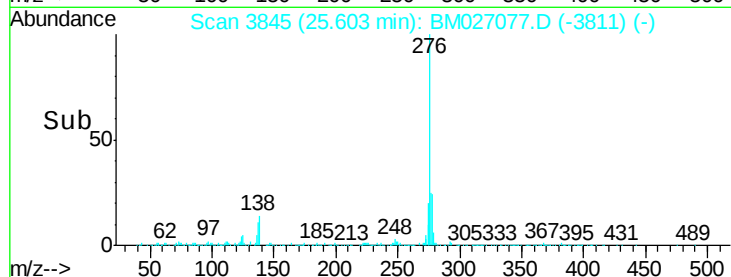
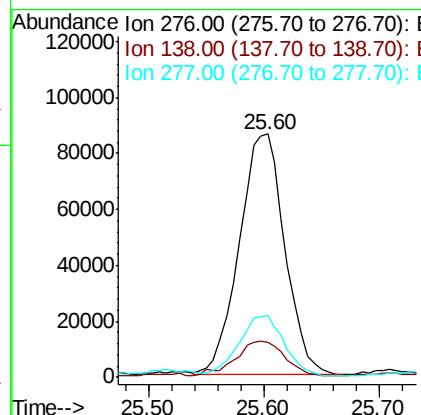
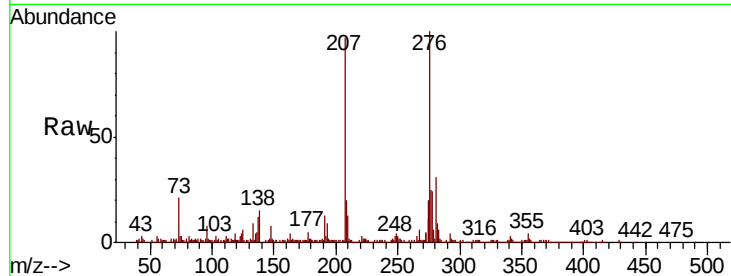
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.929 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. -0.00 min
Lab File: BM027077.D
Acq: 14 Aug 2020 02:07

Instrument :
BNA_M
ClientSampled :
BFML5

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.5	13.9	20.9
277	25.4	19.8	29.8

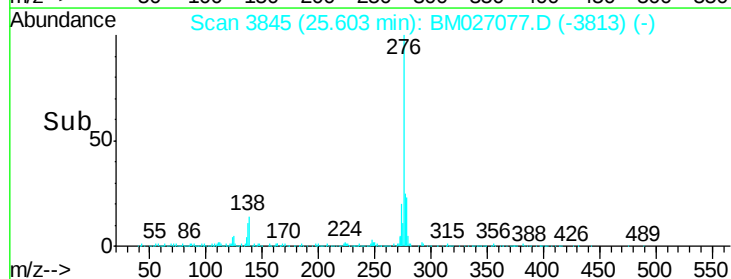
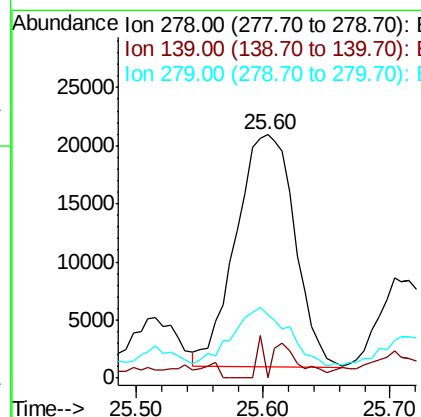
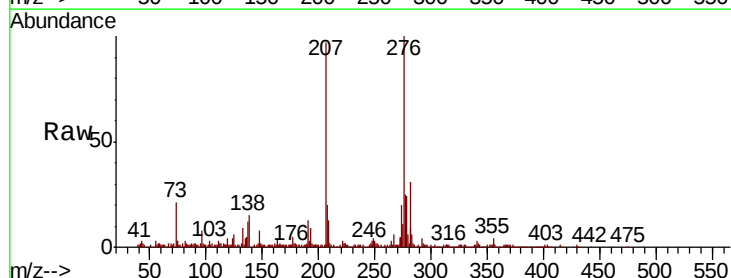
Manual Integrations
APPROVED

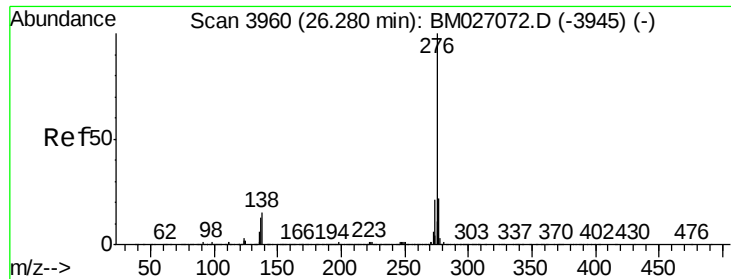
Sohil
8/14/2020 2:54:23 PM



#93
Dibenzo(a,h)anthracene
Concen: 1.264 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. -0.01 min
Lab File: BM027077.D
Acq: 14 Aug 2020 02:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.4	14.0#
279	26.0	18.7	28.1





#94

Benzo(a,h,i)perylene

Concen: 3.450 ng/ul

RT: 26.27 min Scan# 3958

Delta R.T. -0.01 min

Lab File: BM027077.D

Acq: 14 Aug 2020 02:07

Instrument :

BNA_M

ClientSampleId :

BFML5

Tot Ion:	276	Resp:	171037
Ion Ratio	Lower	Upper	
276	100		
138	18.2	12.3	18.5
277	22.9	19.0	28.6

Manual Integrations
APPROVED

Sohil
8/14/2020 2:54:23 PM

