

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027075.D
 Acq On : 14 Aug 2020 00:54
 Operator : JU/CG
 Sample : L3630-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFM71

Manual Integrations
 APPROVED

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 8/14/2020 2:54:21 PM

Quant Time: Aug 14 04:02:17 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	132328	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	500343	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	310226	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	647225	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	639005	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	651881	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	9006	3.09	ng/uL	0.00
5) Phenol-d5	6.82	99	255145	24.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	162756	23.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	198927	24.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	207160	25.82	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	92668	23.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	105687	25.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	221292	25.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	217074	21.62	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	672977	27.20	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	842525	28.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	99657	23.86	ng/ul	0.00
58) Fluorene-d10	15.27	176	583823	27.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	61705	17.45	ng/ul	0.00
71) Anthracene-d10	17.12	188	896895	28.13	ng/ul	0.00
79) Pyrene-d10	19.42	212	995082	31.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	1086762	29.87	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.85	94	15481	1.427	ng/ul 93
45) Dimethylphthalate	13.73	163	90926	3.507	ng/ul 97
48) Acenaphthylene	13.99	152	71899	2.399	ng/ul 98
59) Fluorene	15.32	166	26057	1.024	ng/ul 99
70) Phenanthrene	17.06	178	626065	16.135	ng/ul 99
72) Anthracene	17.15	178	147280	3.730	ng/ul 98
75) Carbazole	17.42	167	51549	1.547	ng/ul 96
77) Fluoranthene	19.08	202	1136574	24.156	ng/ul 100
80) Pyrene	19.44	202	1080023	24.900	ng/ul 98
83) Benzo(a)anthracene	21.20	228	583983	13.575	ng/ul 94
84) Bis(2-ethylhexyl)phthalate	21.15	149	31271	1.298	ng/ul# 98
85) Chrysene	21.24	228	606413	14.361	ng/ul 97
88) Benzo(b)fluoranthene	22.76	252	825872	18.245	ng/ul 98
89) Benzo(k)fluoranthene	22.79	252	311847m	6.951	ng/ul
91) Benzo(a)pyrene	23.32	252	602794	14.632	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.60	276	448933	8.457	ng/ul 98
93) Dibenzo(a,h)anthracene	25.61	278	121940	2.712	ng/ul# 88
94) Benzo(g,h,i)perylene	26.27	276	345512	7.880	ng/ul 99

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

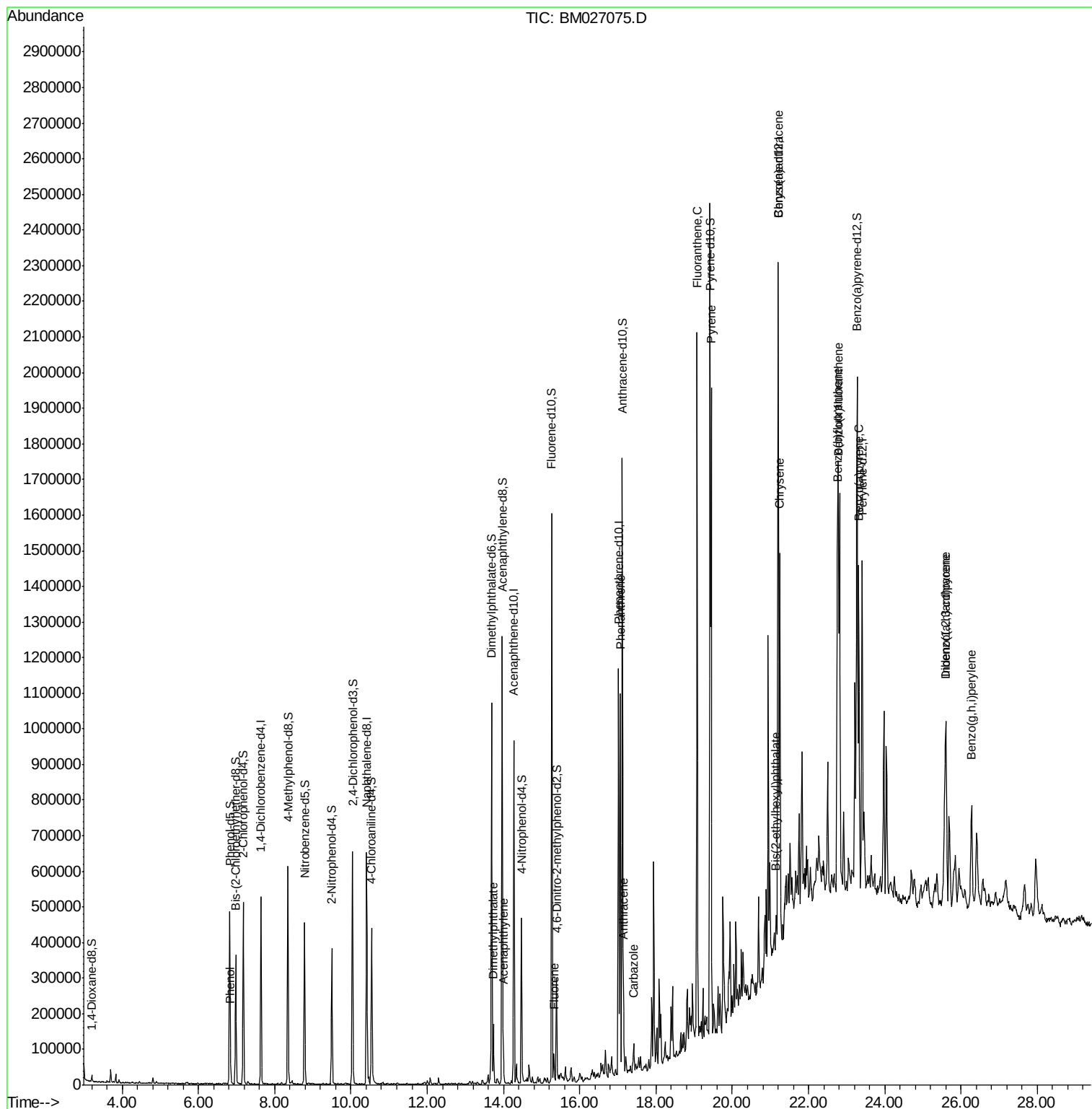
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027075.D
Acq On : 14 Aug 2020 00:54
Operator : JU/CG
Sample : L3630-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

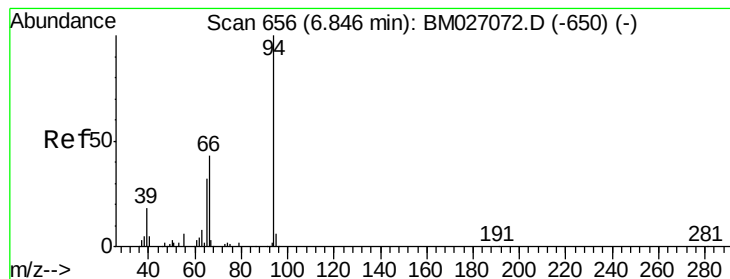
Instrument :
BNA_M
ClientSampled :
BFM71

Quant Time: Aug 14 04:02:17 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

Manual Integrations
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#6

Phenol

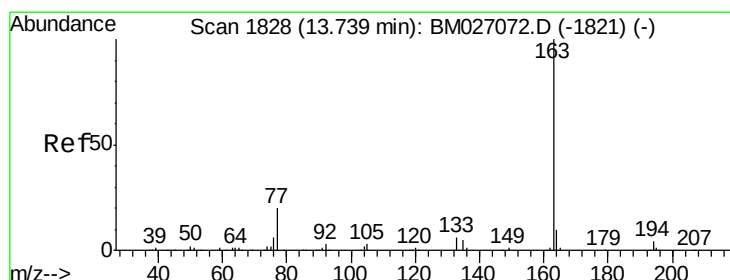
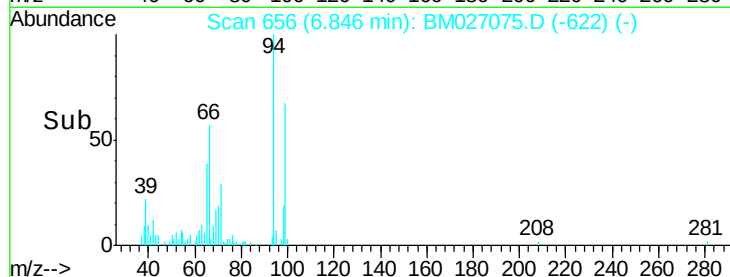
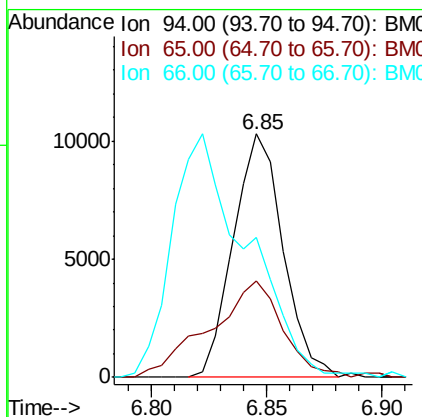
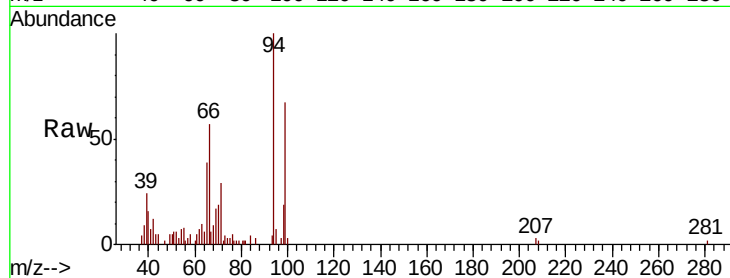
Concen: 1.427 ng/ul
 RT: 6.85 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: BM027075.D
 Acq: 14 Aug 2020 00:54

Instrument :
 BNA_M
 ClientSampled :
 BFM71

Tot Ion:	94	Resp:	15481
Ion	Ratio	Lower	Upper
94	100		
65	39.4	28.6	43.0
66	57.4	41.3	61.9

Manual Integrations
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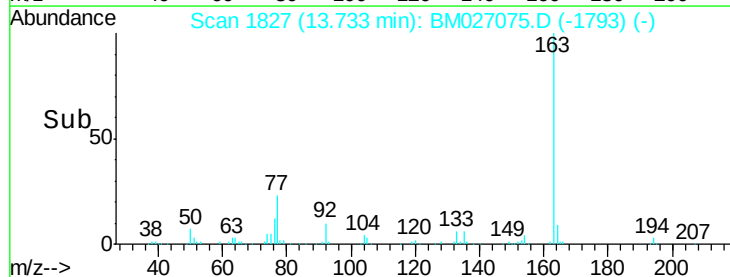
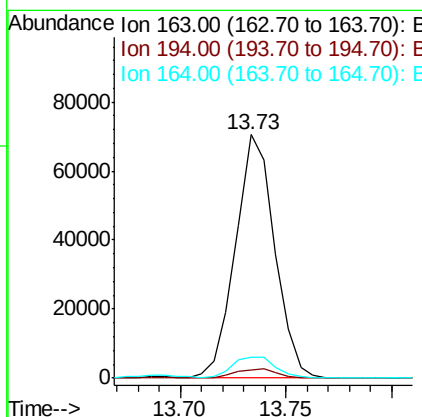
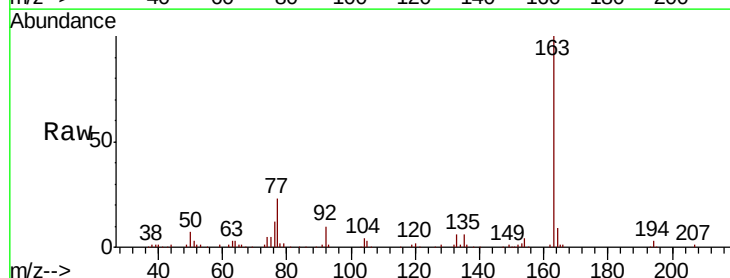


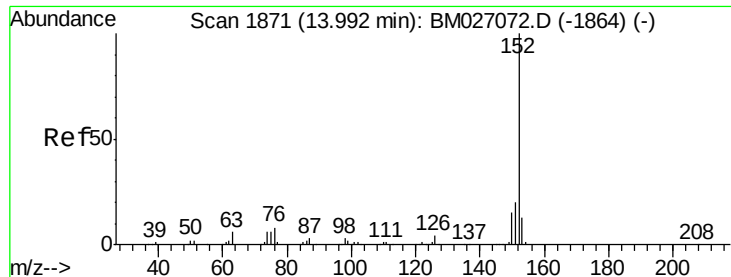
#45

Dimethylphthalate

Concen: 3.507 ng/ul
 RT: 13.73 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BM027075.D
 Acq: 14 Aug 2020 00:54

Tgt Ion:	163	Resp:	90926
Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	8.6	8.2	12.2





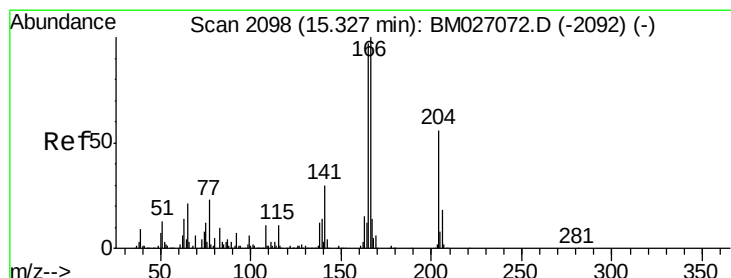
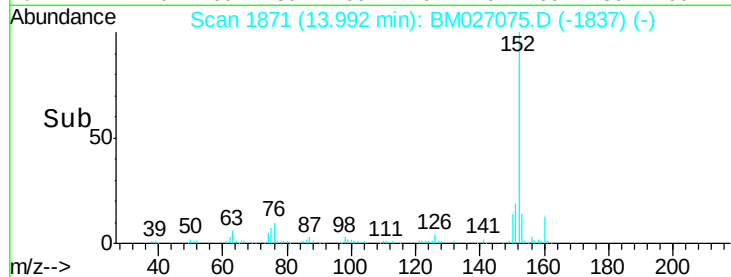
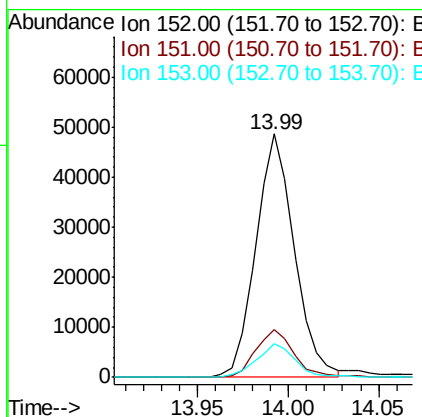
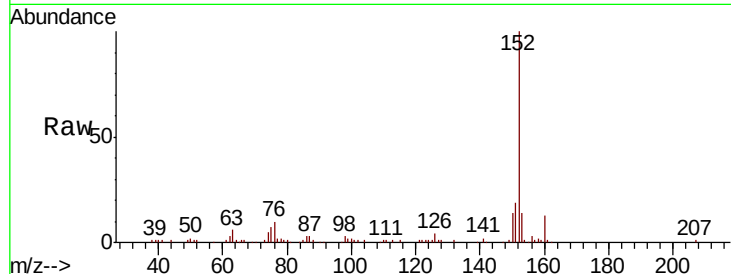
#48
Acenaphthylene
Concen: 2.399 ng/ul
RT: 13.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BM027075.D
Acq: 14 Aug 2020 00:54

Instrument :
BNA_M
ClientSampleId :
BFM71

Tot Ion:	152	Resp:	71899
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.9	23.9
153	13.7	9.8	14.8

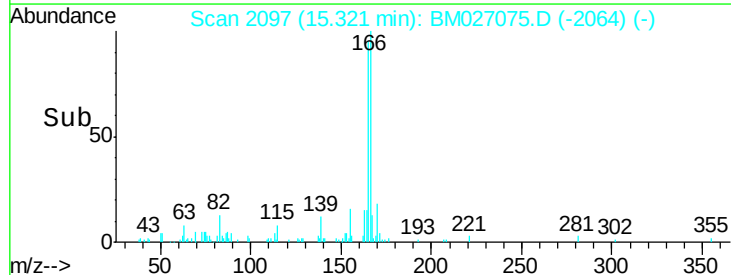
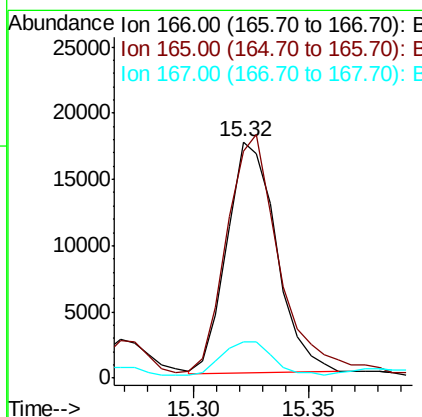
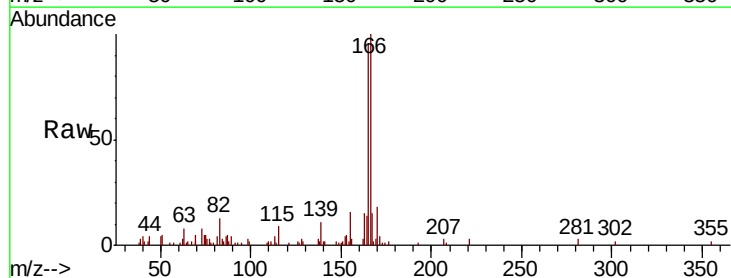
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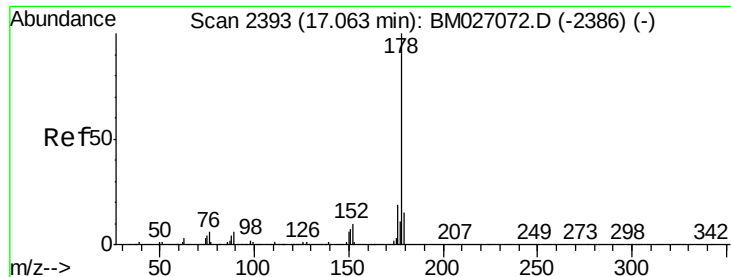
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#59
Fluorene
Concen: 1.024 ng/ul
RT: 15.32 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BM027075.D
Acq: 14 Aug 2020 00:54

Tgt Ion:	166	Resp:	26057
Ion Ratio	Lower	Upper	
166	100		
165	96.1	76.9	115.3
167	15.1	10.5	15.7





#70

Phenanthrene

Concen: 16.135 ng/ul

RT: 17.06 min Scan# 2393

Delta R.T. 0.01 min

Lab File: BM027075.D

Acq: 14 Aug 2020 00:54

Instrument :

BNA_M

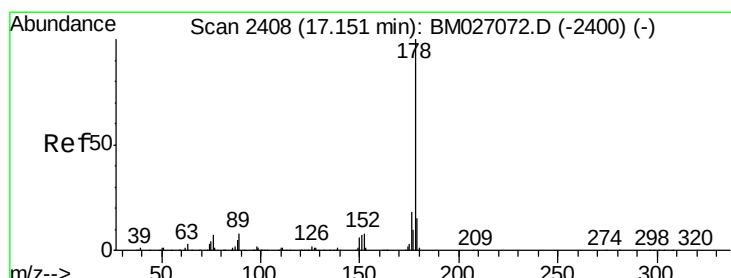
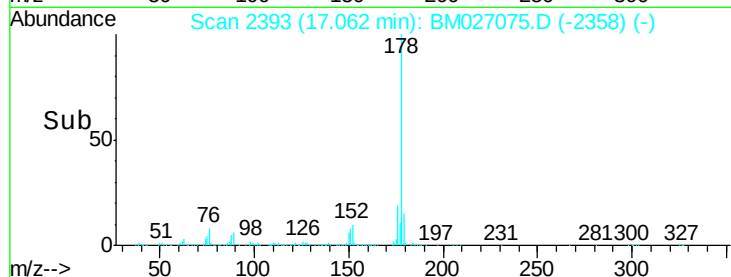
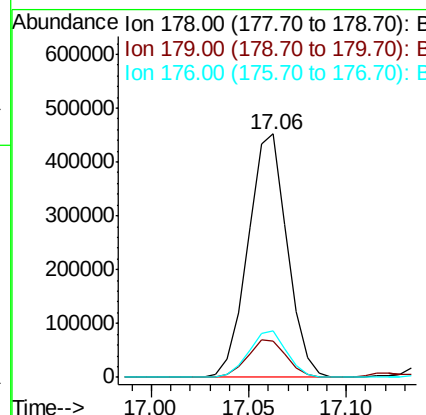
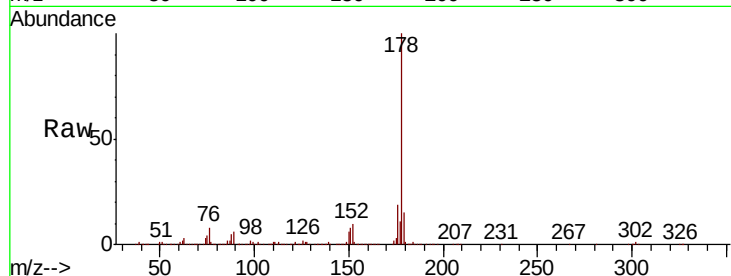
ClientSampleId :

BFM71

Tot Ion:178	Resp:	626065
Ion Ratio	Lower	Upper
178	100	
179	15.2	11.9 17.9
176	19.0	14.6 22.0

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#72

Anthracene

Concen: 3.730 ng/ul

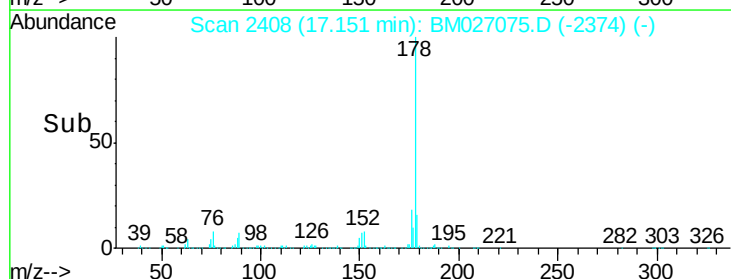
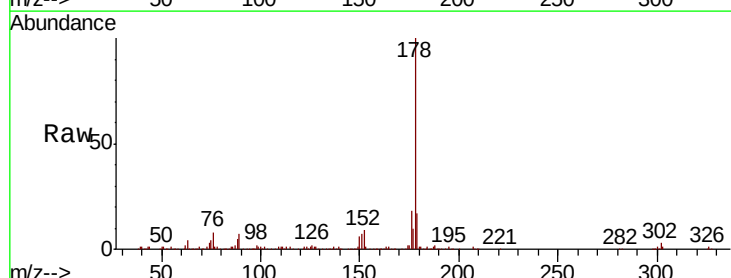
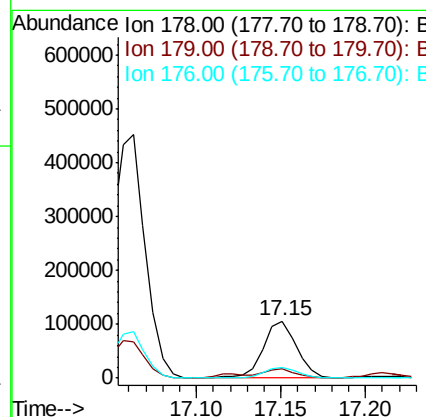
RT: 17.15 min Scan# 2408

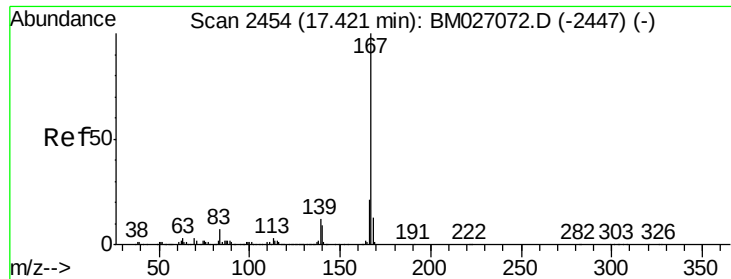
Delta R.T. -0.00 min

Lab File: BM027075.D

Acq: 14 Aug 2020 00:54

Tgt Ion:178	Resp:	147280
Ion Ratio	Lower	Upper
178	100	
179	16.5	12.0 18.0
176	17.8	14.3 21.5





#75

Carbazole

Concen: 1.547 ng/ul

RT: 17.42 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BM027075.D

Acq: 14 Aug 2020 00:54

Instrument :

BNA_M

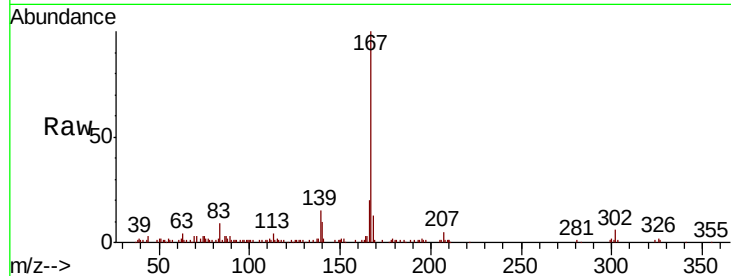
ClientSampleId :

BFM71

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.0	17.0	25.6
139	14.6	9.8	14.6

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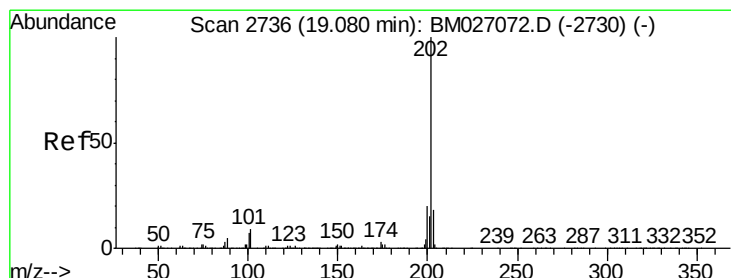
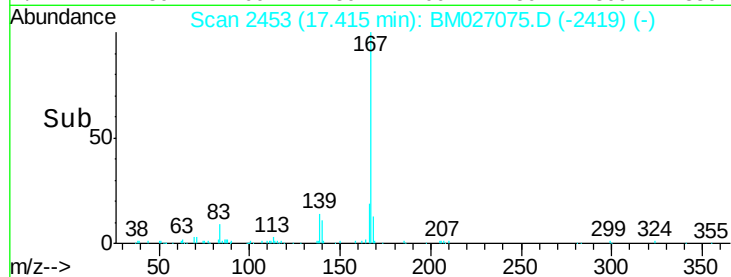
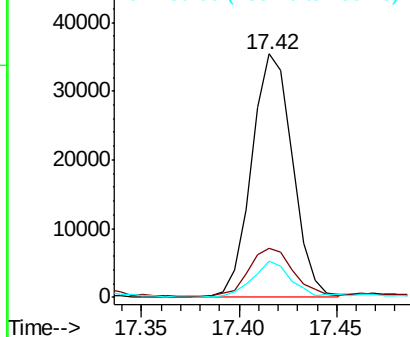


Abundance

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: 24.156 ng/ul

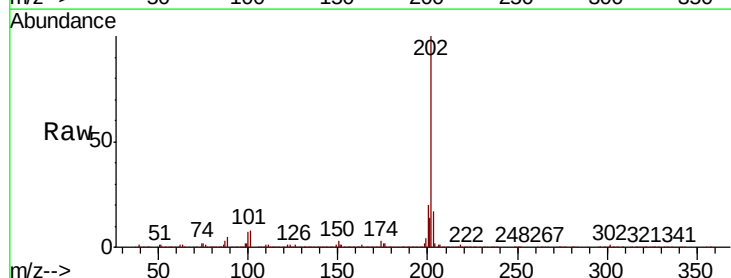
RT: 19.08 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BM027075.D

Acq: 14 Aug 2020 00:54

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

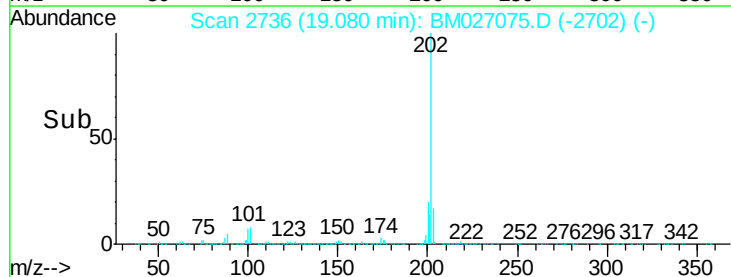
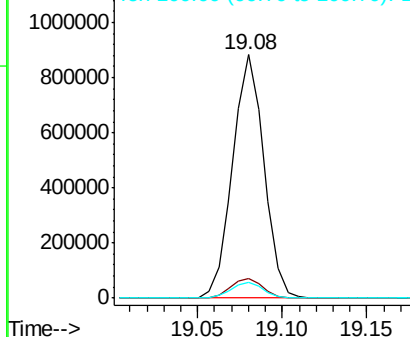


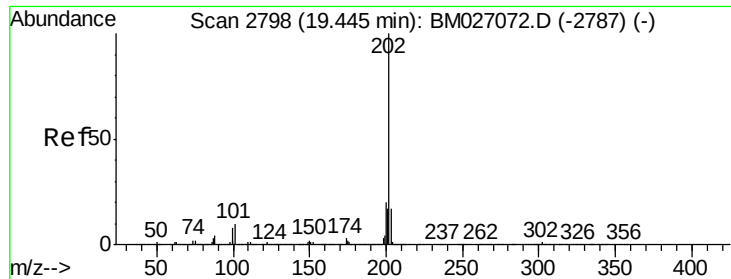
Abundance

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





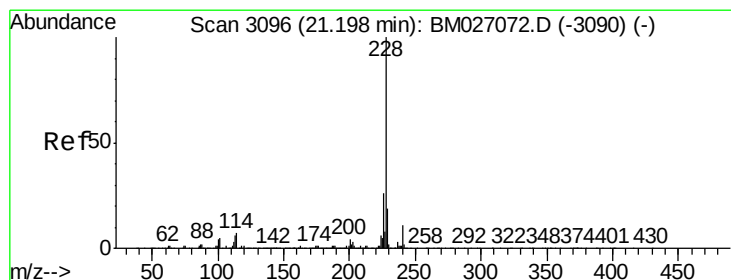
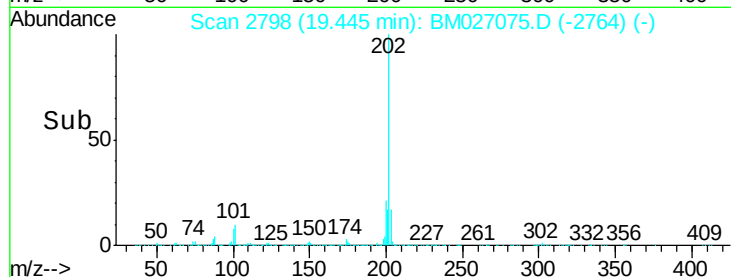
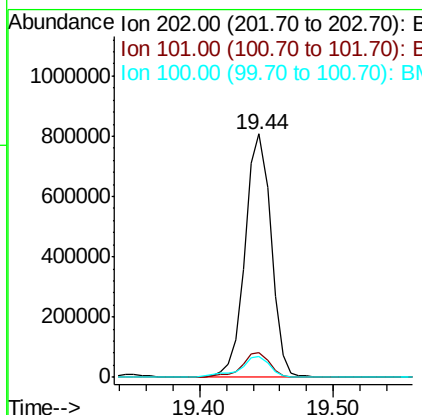
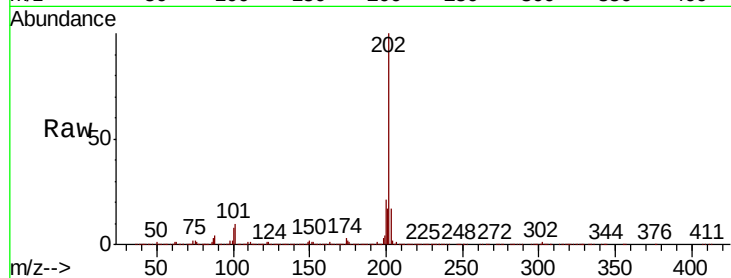
#80
Pvrene
Concen: 24.900 ng/ul
RT: 19.44 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BM027075.D
Acq: 14 Aug 2020 00:54

Instrument :
BNA_M
ClientSampled :
BFM71

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.6	11.4
100	8.4	6.3	9.5

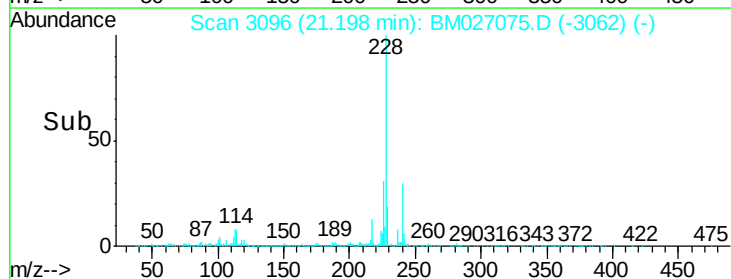
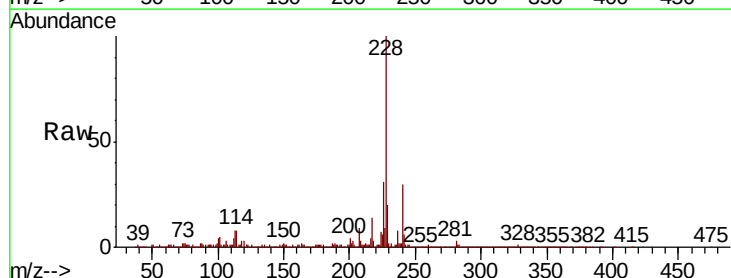
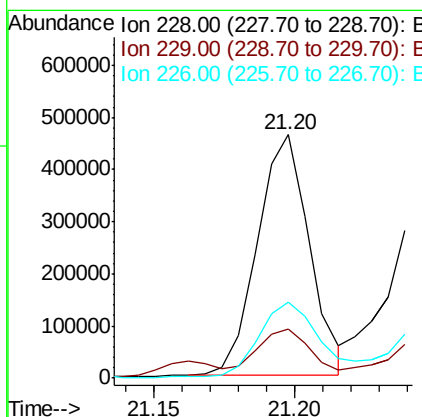
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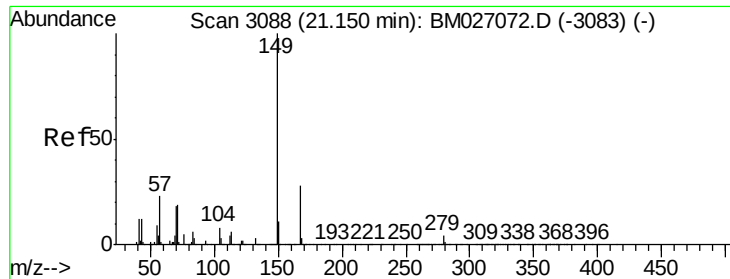
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#83
Benzo(a)anthracene
Concen: 13.575 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM027075.D
Acq: 14 Aug 2020 00:54

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.8	23.6
226	31.4	21.2	31.8





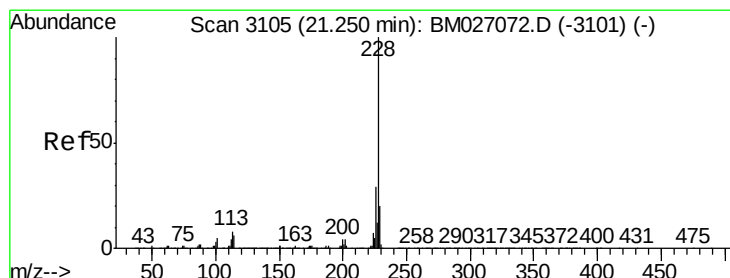
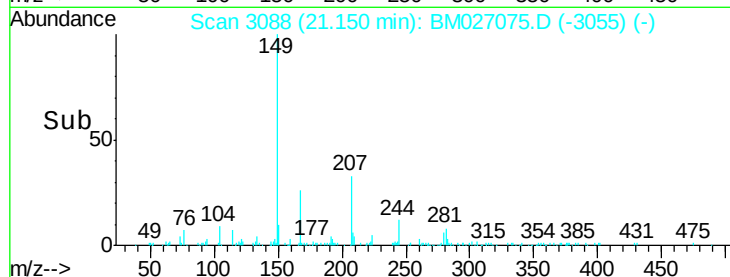
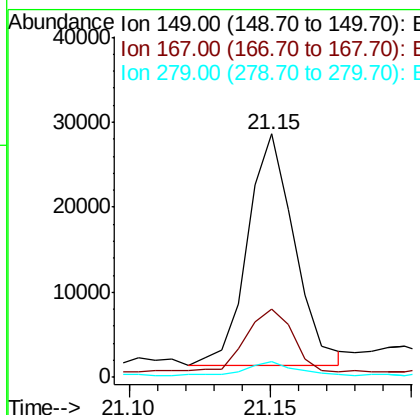
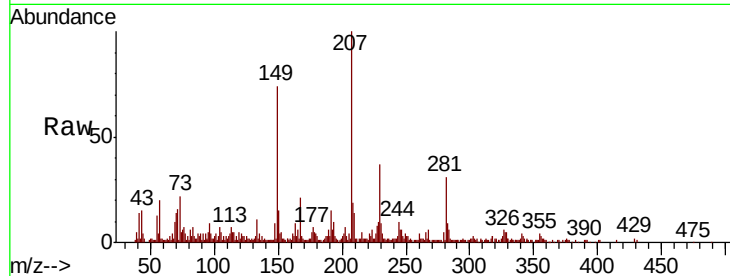
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.298 ng/ul
 RT: 21.15 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM027075.D
 Acq: 14 Aug 2020 00:54

Instrument :
 BNA_M
 ClientSampled :
 BFM71

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.6	32.4
279	6.3	3.9	5.9

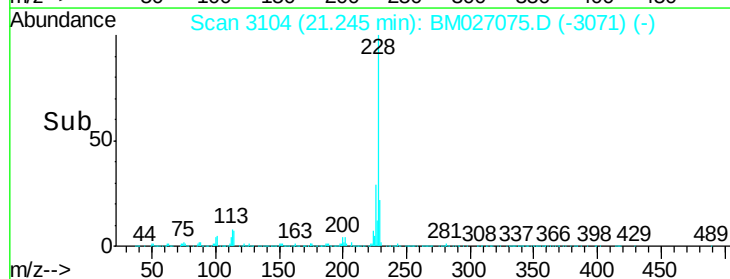
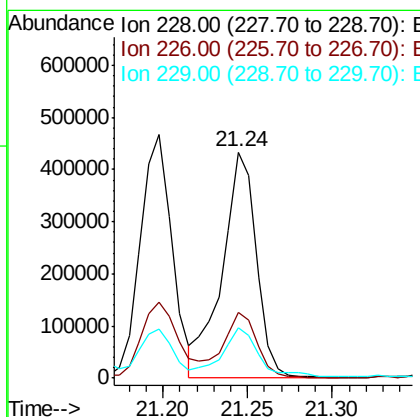
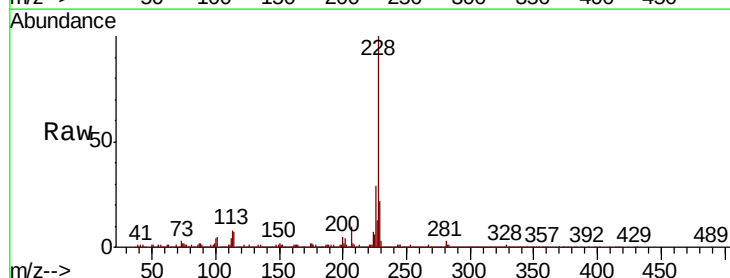
Manual Integrations
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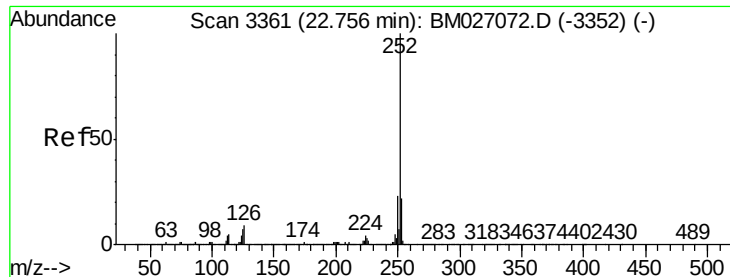
Sohil
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#85
 Chrysene
 Concen: 14.361 ng/ul
 RT: 21.24 min Scan# 3104
 Delta R.T. -0.01 min
 Lab File: BM027075.D
 Acq: 14 Aug 2020 00:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.6
229	22.4	15.8	23.8





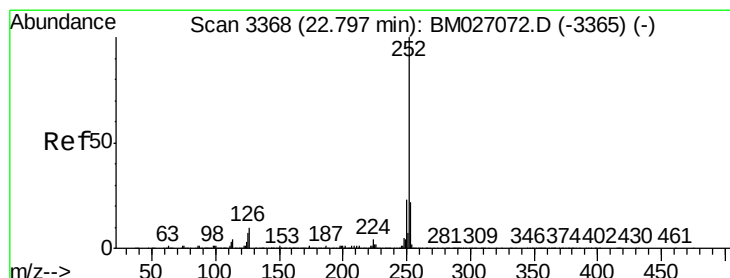
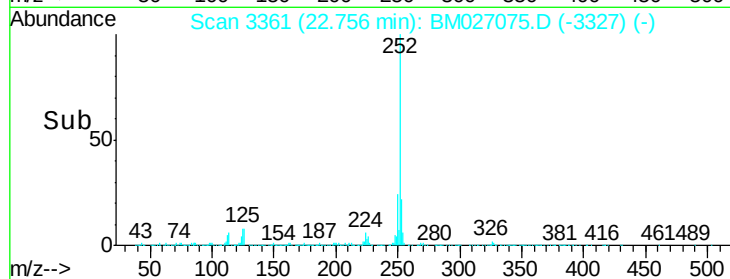
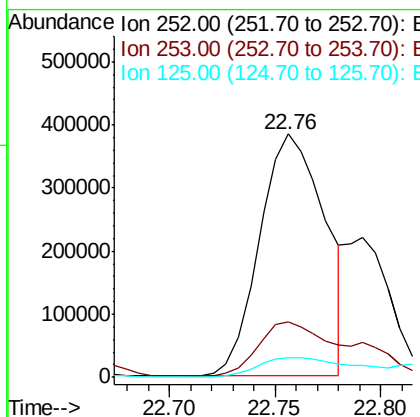
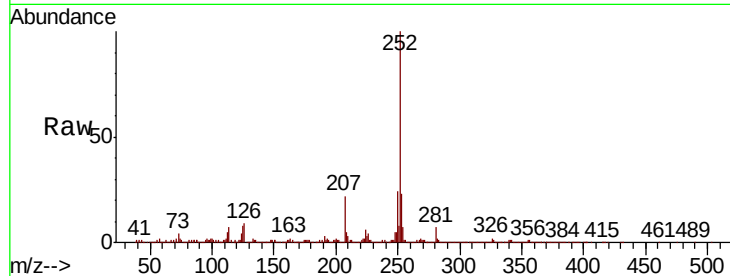
#88
Benzo(b)fluoranthene
Concen: 18.245 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BM027075.D
Acq: 14 Aug 2020 00:54

Instrument :
BNA_M
ClientSampled :
BFM71

Tot Ion:	252	Resp:	825872
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.6	26.4
125	8.0	6.0	9.0

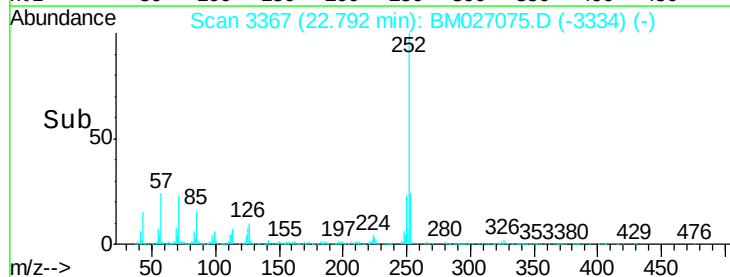
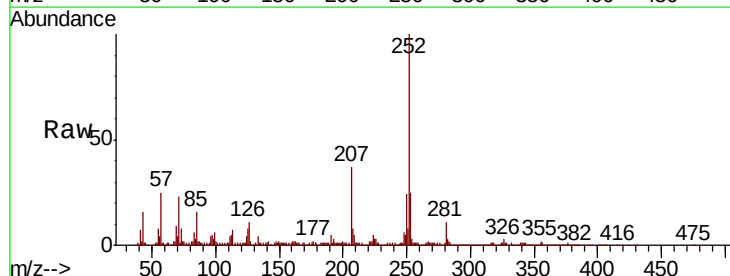
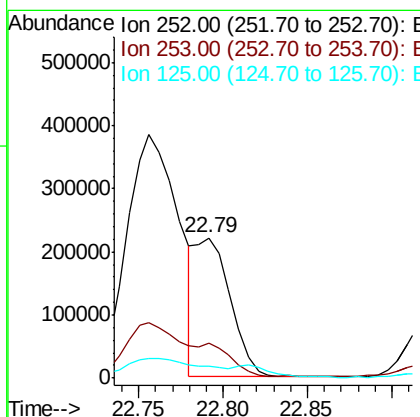
Manual Integrations
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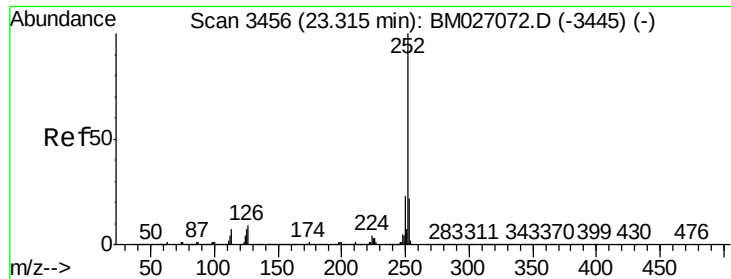
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#89
Benzo(k)fluoranthene
Concen: 6.951 ng/ul m
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM027075.D
Acq: 14 Aug 2020 00:54

Tgt Ion:	252	Resp:	311847
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.2	25.8
125	8.1	5.5	8.3





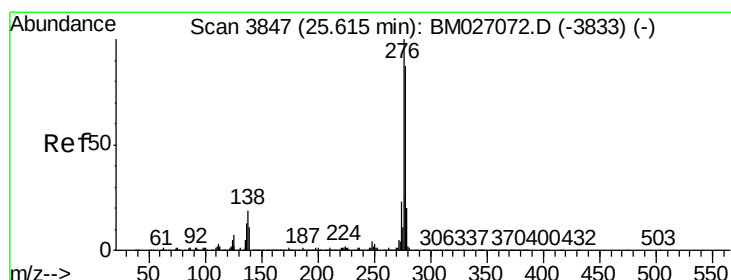
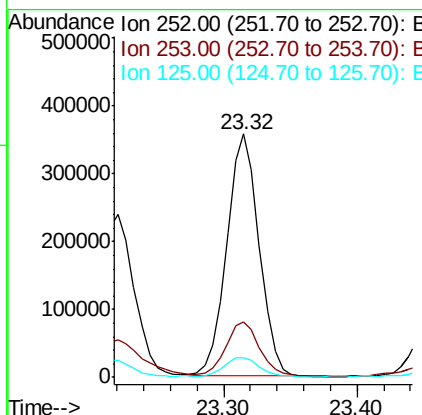
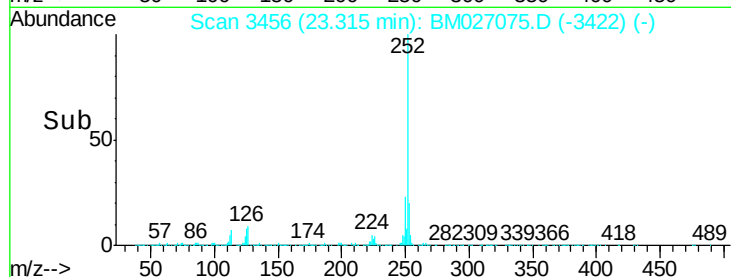
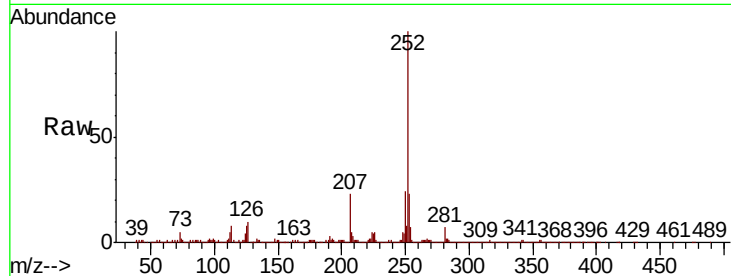
#91
Benzo(a)pyrene
Concen: 14.632 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BM027075.D
Acq: 14 Aug 2020 00:54

Instrument :
BNA_M
ClientSampled :
BFM71

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.4
125	8.1	5.8	8.8

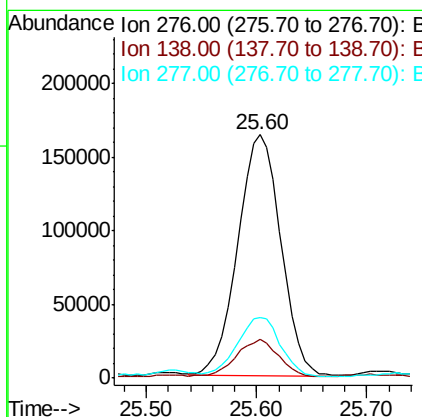
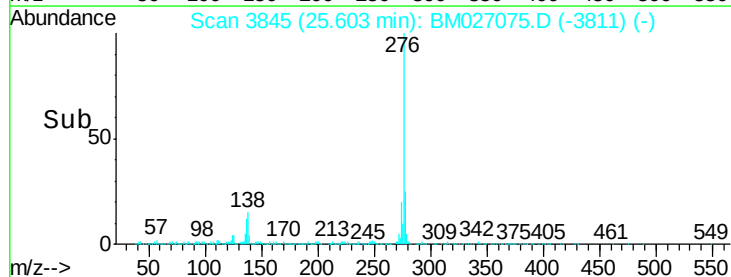
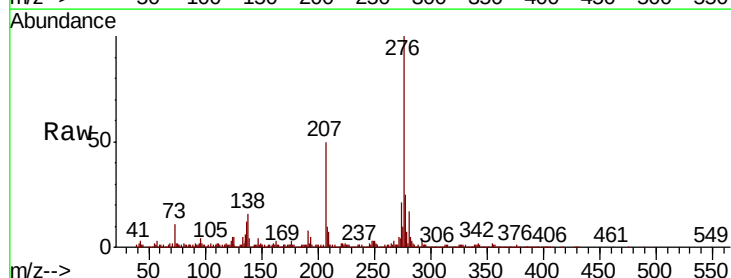
Manual Integrations
APPROVED

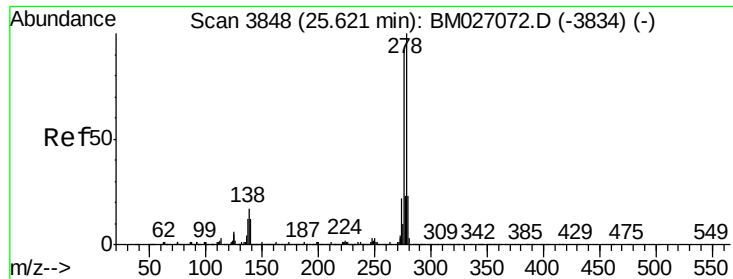
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#92
Indeno(1,2,3-cd)pyrene
Concen: 8.457 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. -0.00 min
Lab File: BM027075.D
Acq: 14 Aug 2020 00:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.8	13.9	20.9
277	24.9	19.8	29.8





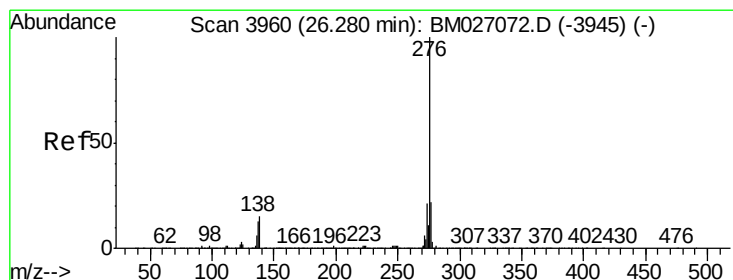
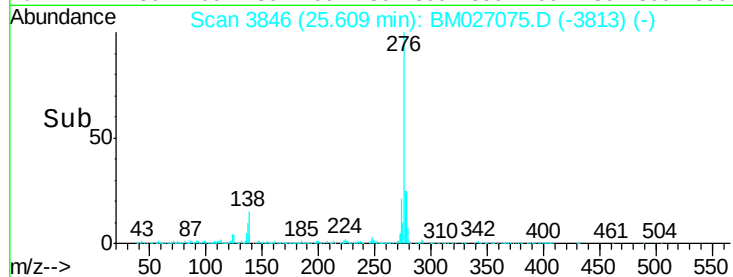
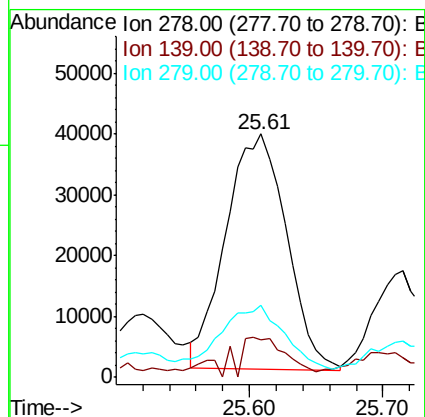
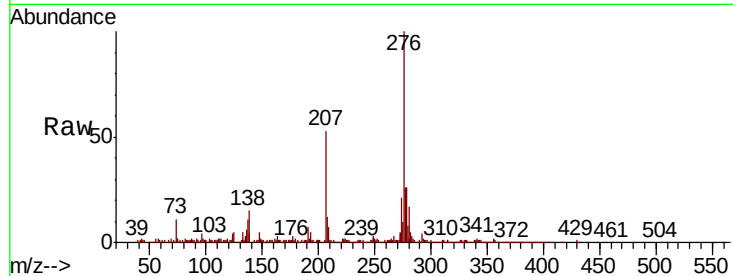
#93
Dibenzo(a,h)anthracene
Concen: 2.712 ng/ul
RT: 25.61 min Scan# 3846
Delta R.T. -0.01 min
Lab File: BM027075.D
Acq: 14 Aug 2020 00:54

Instrument :
BNA_M
ClientSampled :
BFM71

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	9.4	14.0#
279	29.8	18.7	28.1#

Manual Integrations
APPROVED

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#94
Benzo(g,h,i)perylene
Concen: 7.880 ng/ul
RT: 26.27 min Scan# 3959
Delta R.T. -0.00 min
Lab File: BM027075.D
Acq: 14 Aug 2020 00:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.1	12.3	18.5
277	24.5	19.0	28.6

