

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
 Data File : BM025660.D
 Acq On : 20 Mar 2020 13:59
 Operator : CG/JU
 Sample : L1972-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0AG8

Manual Integrations
 APPROVED

mohammad
 3/23/2020 9:41:51 AM

Quant Time: Mar 20 15:08:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 20 11:44:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	188654	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	795212	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	486600	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	1017293	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	1068211	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	1289402	20.00	ng/ul	0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	16324	3.63	ng/uL	0.00
5) Phenol-d5	6.76	99	361769	24.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	206990	24.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	311160	25.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	305326	24.96	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	149793	25.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	160167	25.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	320315	24.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	383789	25.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	939547	25.41	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	1171881	26.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	141713	20.13	ng/ul	0.00
58) Fluorene-d10	15.22	176	842408	25.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.34	200	96365	15.53	ng/ul	0.00
71) Anthracene-d10	17.06	188	1312924	27.63	ng/ul	0.00
79) Pyrene-d10	19.36	212	1437843	28.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	1812373	27.45	ng/ul	0.01

Target Compounds				Ovalue		
28) Naphthalene	10.40	128	47298	1.092	ng/ul#	96
45) Dimethylphthalate	13.68	163	82157	2.134	ng/ul	99
48) Acenaphthylene	13.93	152	850282	17.719	ng/ul	99
50) Acenaphthene	14.28	153	66693	2.044	ng/ul	99
54) Dibenzofuran	14.62	168	48514	1.048	ng/ul	98
59) Fluorene	15.27	166	97820	2.513	ng/ul	99
70) Phenanthrene	17.00	178	1938348	32.371	ng/ul	99
72) Anthracene	17.10	178	694786	11.385	ng/ul	99
75) Carbazole	17.36	167	138417	2.595	ng/ul	99
77) Fluoranthene	19.03	202	6072032	86.028	ng/ul	98
80) Pyrene	19.39	202	5774335	80.487	ng/ul	97
83) Benzo(a)anthracene	21.14	228	4578523m	65.011	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.10	149	75762	1.788	ng/ul	95
85) Chrysene	21.20	228	4101552	59.359	ng/ul	98
88) Benzo(b)fluoranthene	22.69	252	7113733	88.423	ng/ul	98
89) Benzo(k)fluoranthene	22.72	252	2134545m	26.933	ng/ul	
91) Benzo(a)pyrene	23.23	252	5144074	70.261	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.46	276	3681709	38.078	ng/ul	97
93) Dibenzo(a,h)anthracene	25.46	278	963246	11.765	ng/ul#	83
94) Benzo(g,h,i)perylene	26.11	276	2495121	31.311	ng/ul	99

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

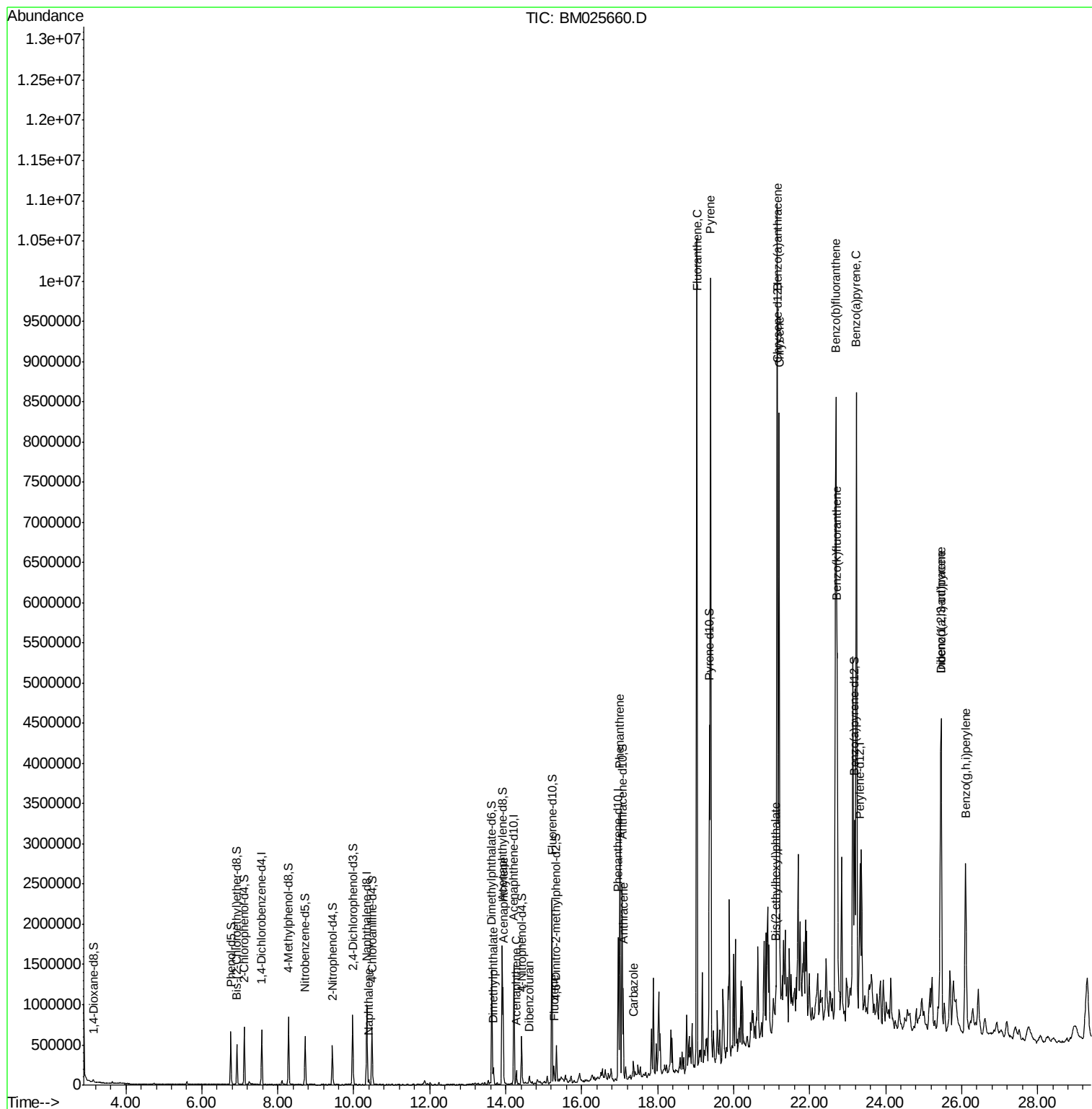
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025660.D
Acq On : 20 Mar 2020 13:59
Operator : CG/JU
Sample : L1972-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

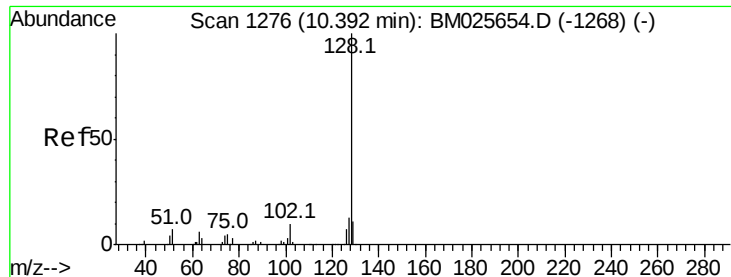
Instrument :
BNA_M
ClientSampleId :
B0AG8

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Quant Time: Mar 20 15:08:15 2020
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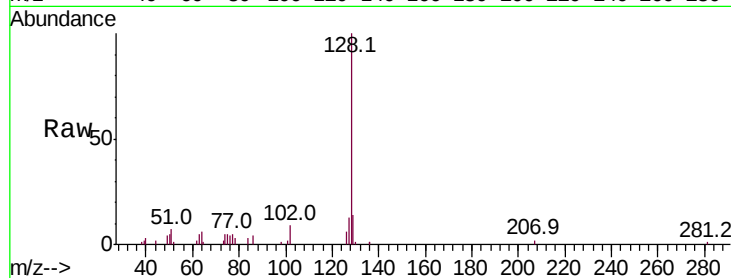
#28
Naphthalene
Concen: 1.092 ng/ul
RT: 10.40 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BM025660.D
Acq: 20 Mar 2020 13:59

Instrument :
BNA_M
ClientSampleId :
B0AG8

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.3	8.6	12.8#
127	13.0	10.6	15.8

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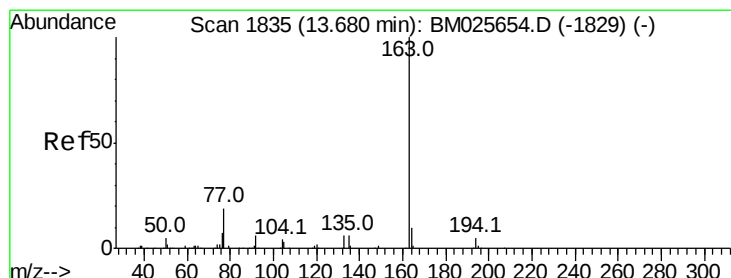
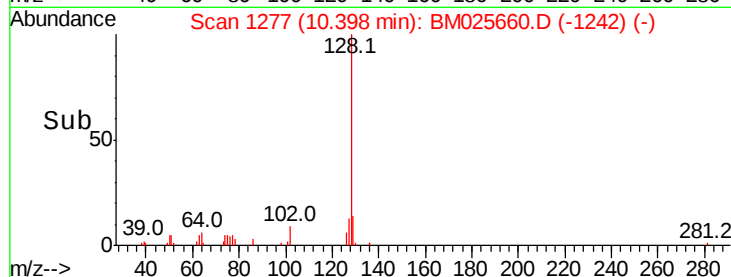
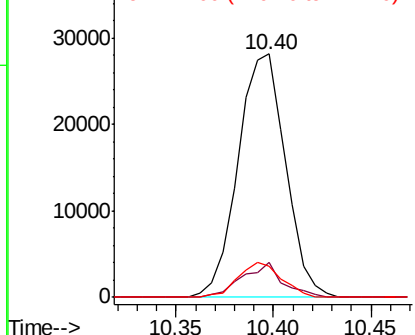


Abundance

Ion 128.00 (127.70 to 128.70): E

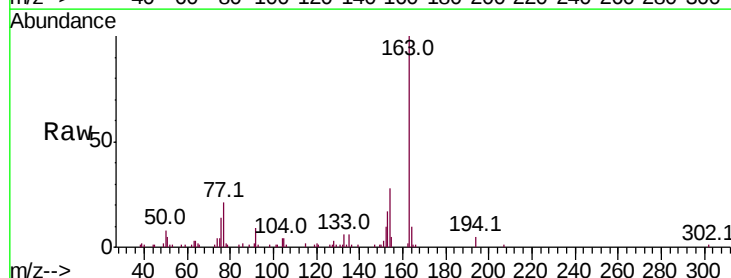
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#45
Dimethylphthalate
Concen: 2.134 ng/ul
RT: 13.68 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BM025660.D
Acq: 20 Mar 2020 13:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.1	8.2	12.4

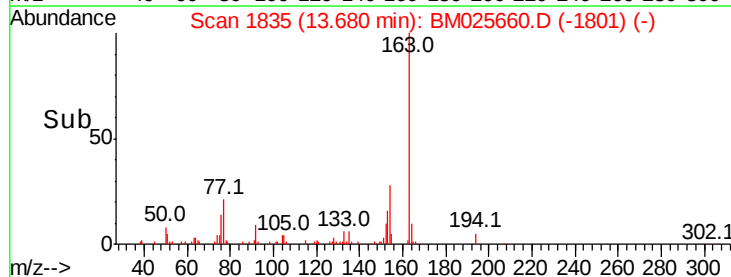
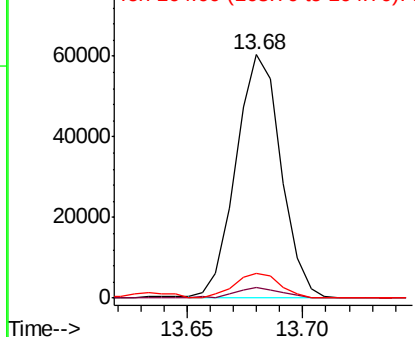


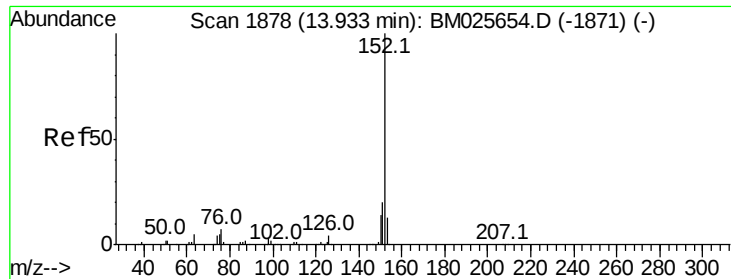
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





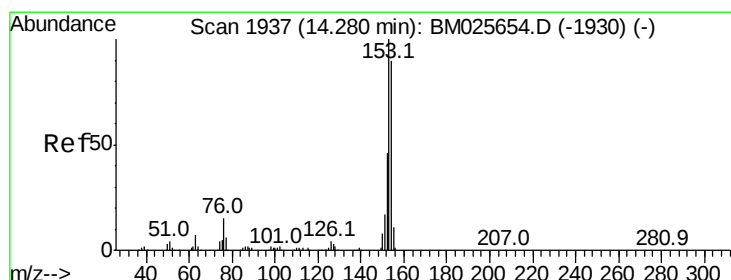
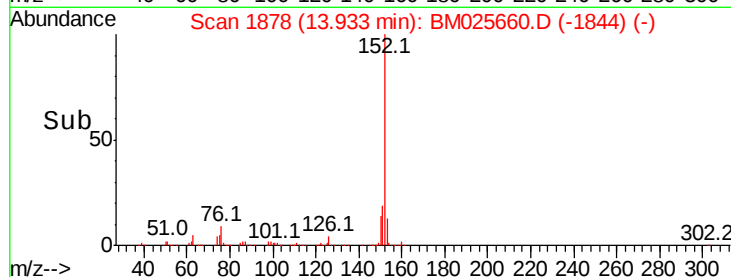
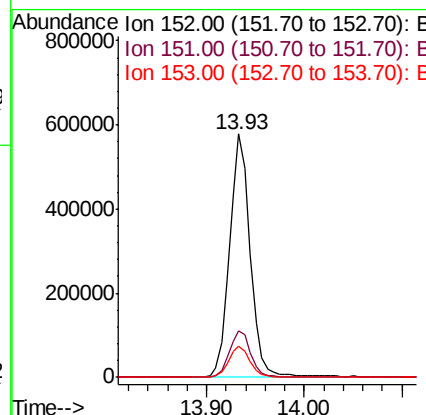
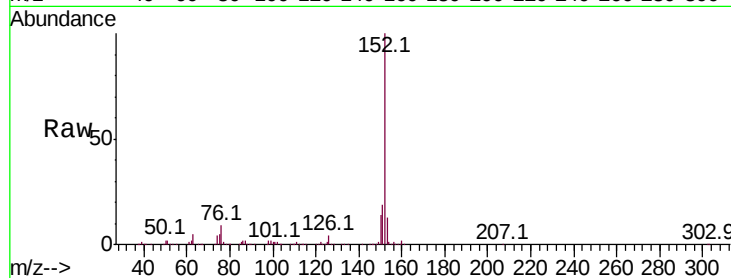
#48
Acenaphthylene
Concen: 17.719 ng/ul
RT: 13.93 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BM025660.D
Acq: 20 Mar 2020 13:59

Instrument :
BNA_M
ClientSampleId :
B0AG8

Tot Ion:	152	Resp:	850282
Ion Ratio	Lower	Upper	
152	100		
151	19.2	15.8	23.6
153	12.9	10.6	16.0

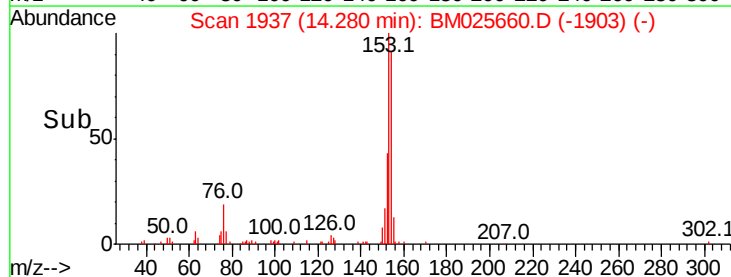
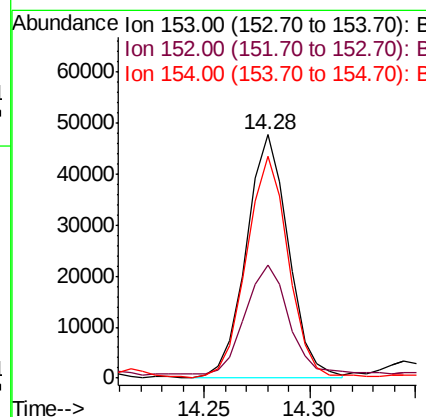
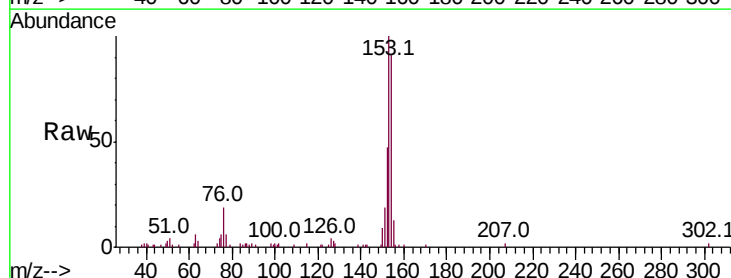
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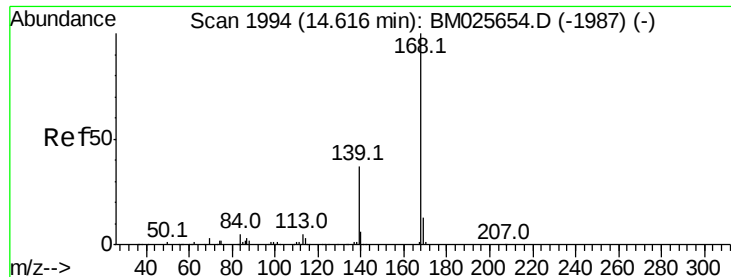
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#50
Acenaphthene
Concen: 2.044 ng/ul
RT: 14.28 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BM025660.D
Acq: 20 Mar 2020 13:59

Tgt Ion:	153	Resp:	66693
Ion Ratio	Lower	Upper	
153	100		
152	46.5	37.6	56.4
154	91.3	72.2	108.2





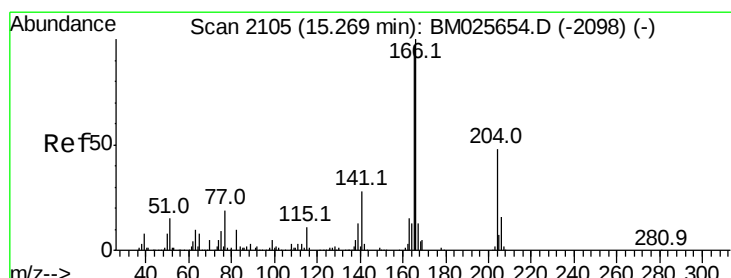
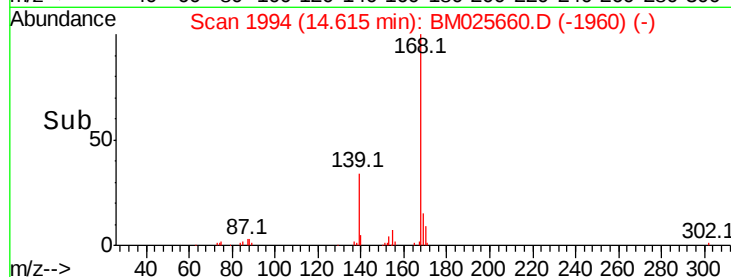
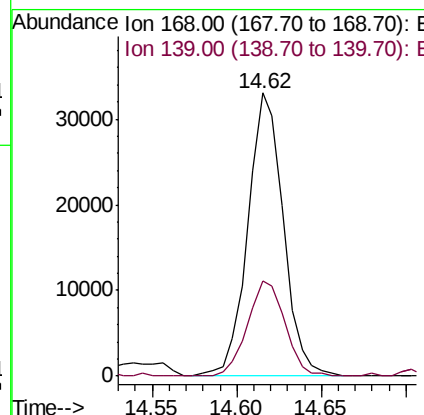
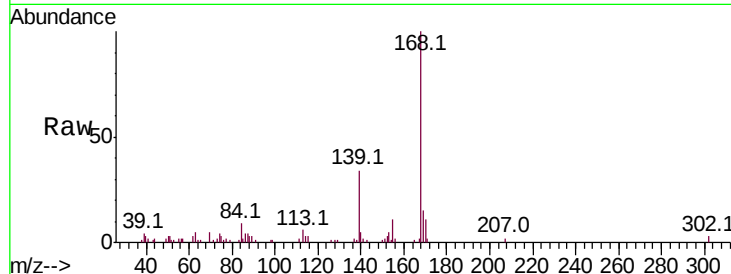
#54
Dibenzofuran
Concen: 1.048 ng/ul
RT: 14.62 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BM025660.D
Acq: 20 Mar 2020 13:59

Instrument :
BNA_M
ClientSampleId :
B0AG8

Tot Ion	Ratio	Lower	Upper
168	100		
139	33.8	28.2	42.2

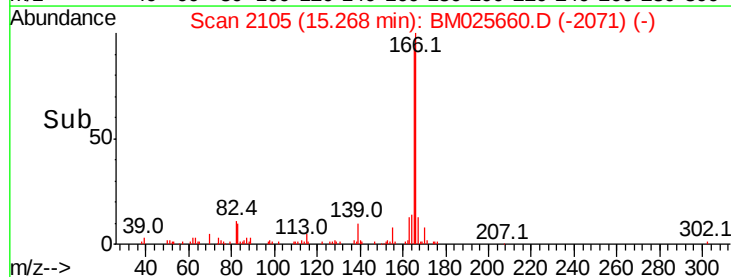
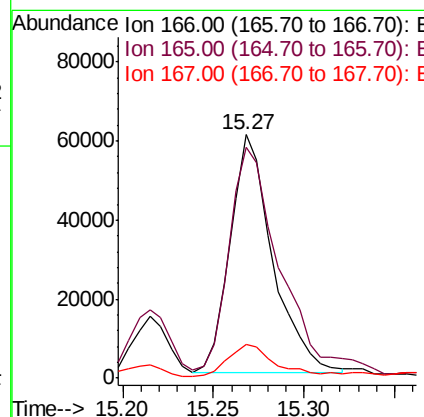
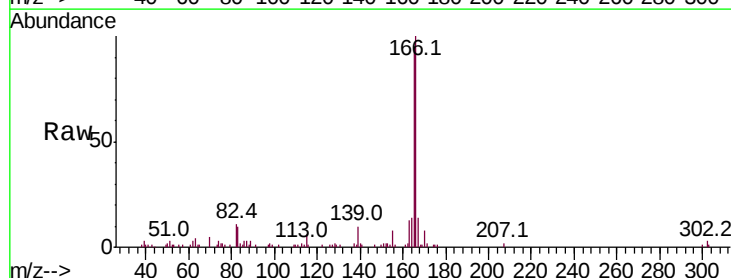
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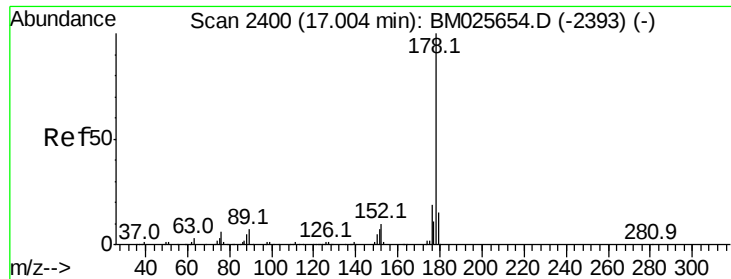
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#59
Fluorene
Concen: 2.513 ng/ul
RT: 15.27 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BM025660.D
Acq: 20 Mar 2020 13:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.0	77.2	115.8
167	14.0	11.2	16.8





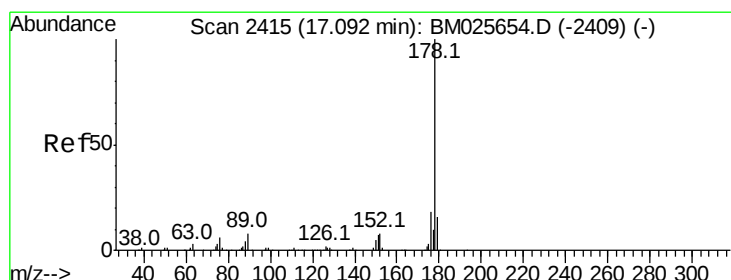
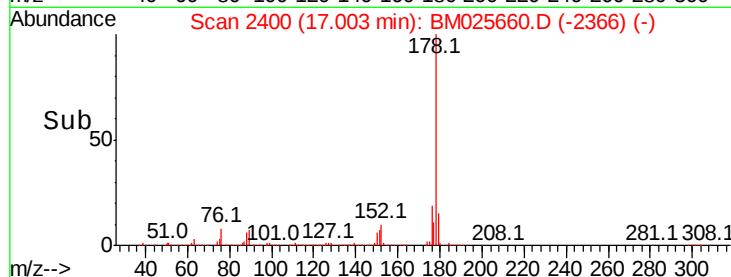
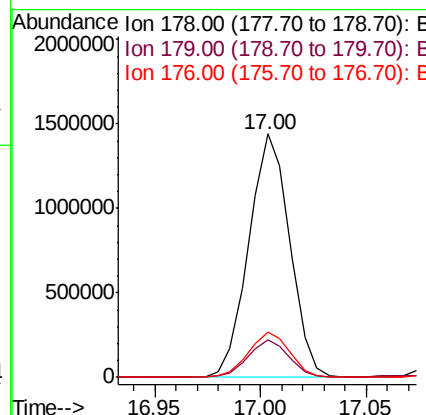
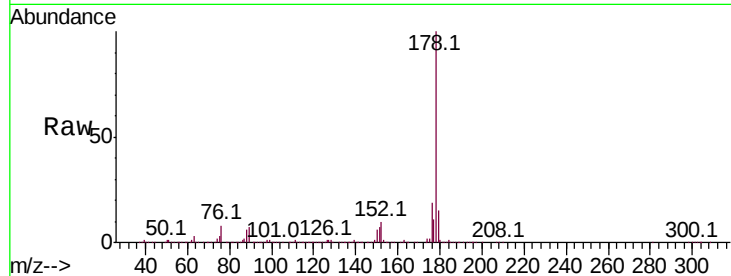
#70
Phenanthrene
Concen: 32.371 ng/ul
RT: 17.00 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BM025660.D
Acq: 20 Mar 2020 13:59

Instrument :
BNA_M
ClientSampleId :
B0AG8

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	18.6	15.3	22.9

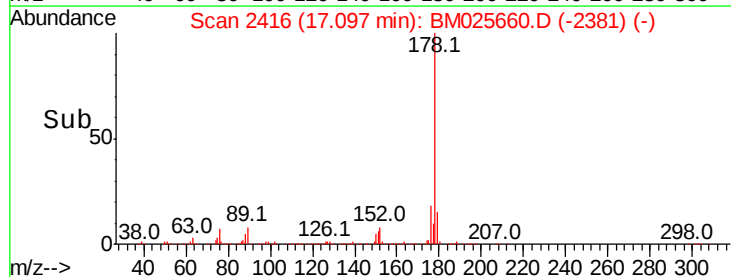
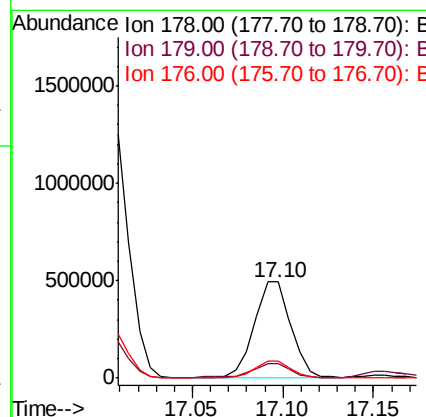
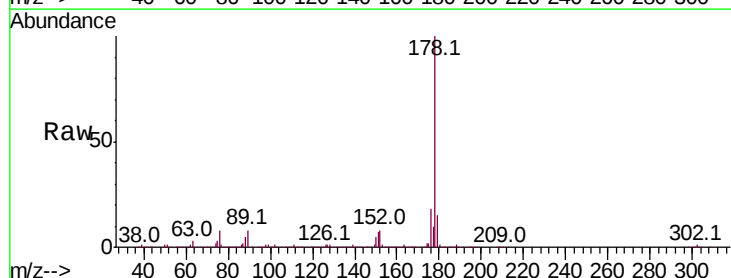
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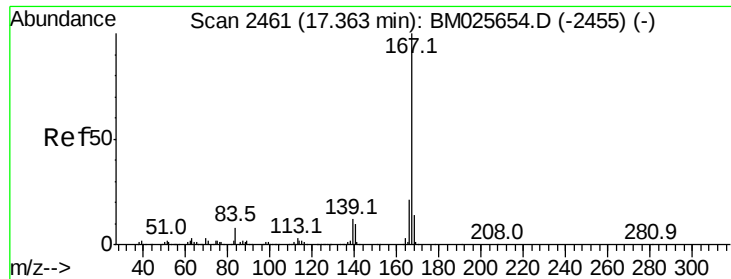
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#72
Anthracene
Concen: 11.385 ng/ul
RT: 17.10 min Scan# 2416
Delta R.T. 0.01 min
Lab File: BM025660.D
Acq: 20 Mar 2020 13:59

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.5	18.7
176	17.6	14.5	21.7





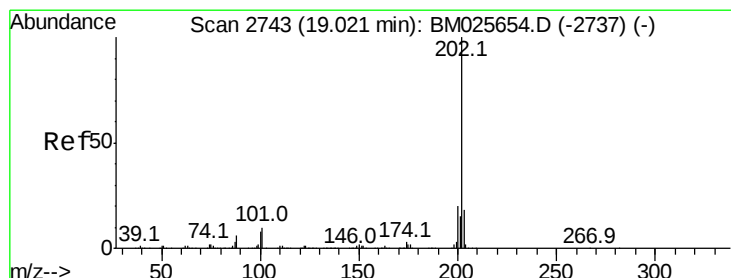
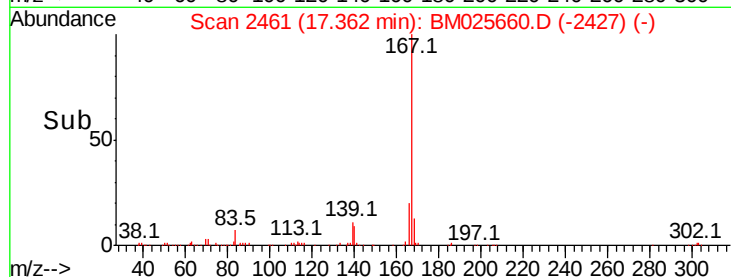
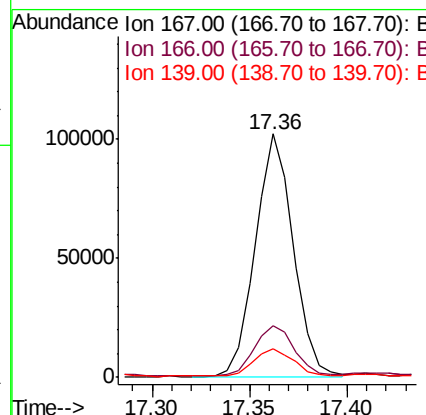
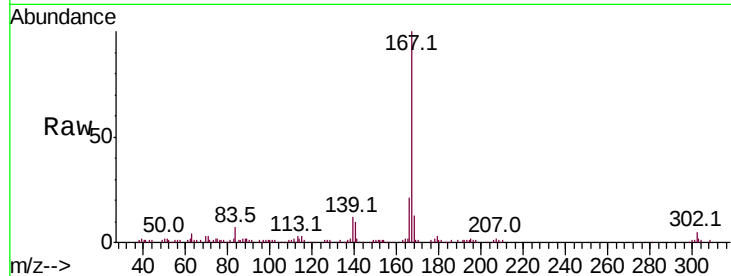
#75
 Carbazole
 Concen: 2.595 ng/ul
 RT: 17.36 min Scan# 2461
 Delta R.T. -0.00 min
 Lab File: BM025660.D
 Acq: 20 Mar 2020 13:59

Instrument :
 BNA_M
 ClientSampled :
 B0AG8

Tot Ion:	167	Resp:	138417
Ion Ratio	Lower	Upper	
167	100		
166	21.4	16.7	25.1
139	11.9	9.8	14.8

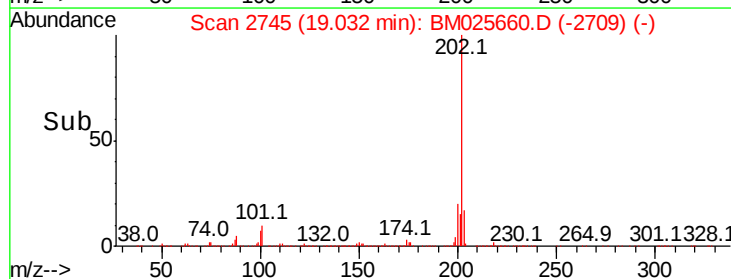
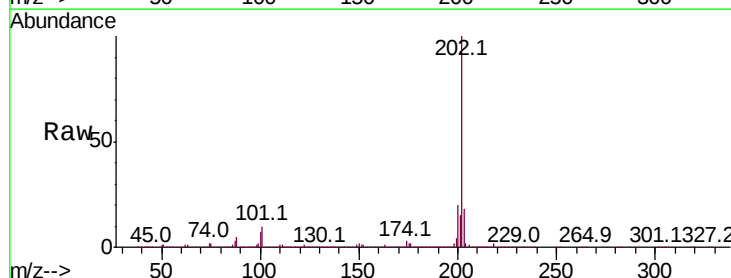
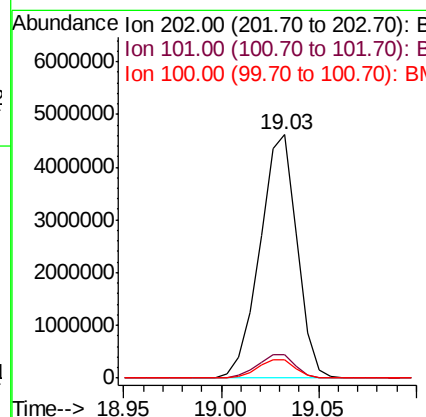
Manual Integrations
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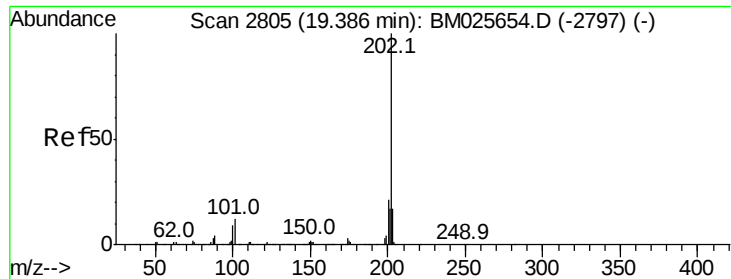
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#77
 Fluoranthene
 Concen: 86.028 ng/ul
 RT: 19.03 min Scan# 2745
 Delta R.T. 0.01 min
 Lab File: BM025660.D
 Acq: 20 Mar 2020 13:59

Tgt Ion:	202	Resp:	6072032
Ion Ratio	Lower	Upper	
202	100		
101	9.8	8.2	12.4
100	7.4	6.5	9.7





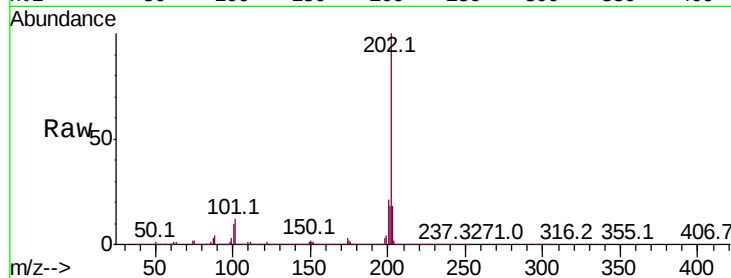
#80
Pvrene
Concen: 80.487 ng/ul
RT: 19.39 min Scan# 2806
Delta R.T. 0.01 min
Lab File: BM025660.D
Acq: 20 Mar 2020 13:59

Instrument :
BNA_M
ClientSampleId :
B0AG8

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	8.9	13.3
100	10.5	7.5	11.3

Manual Integrations
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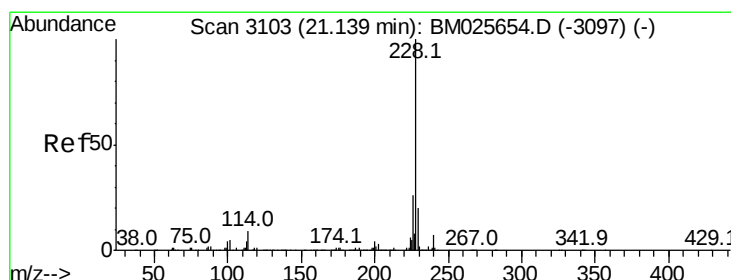
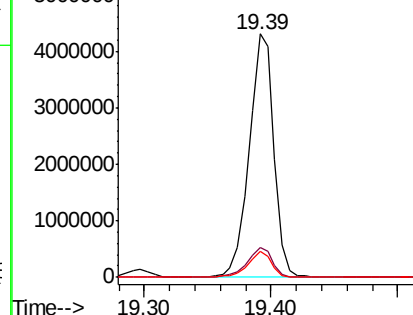
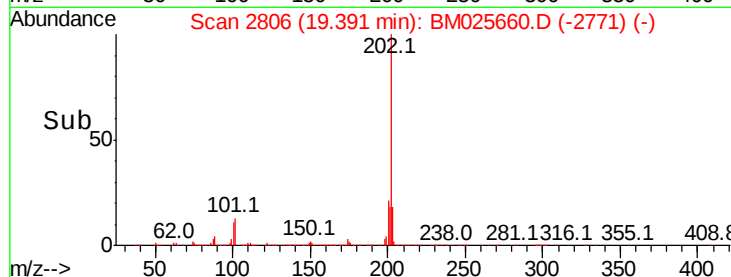


Abundance

Ion 202.00 (201.70 to 202.70): E

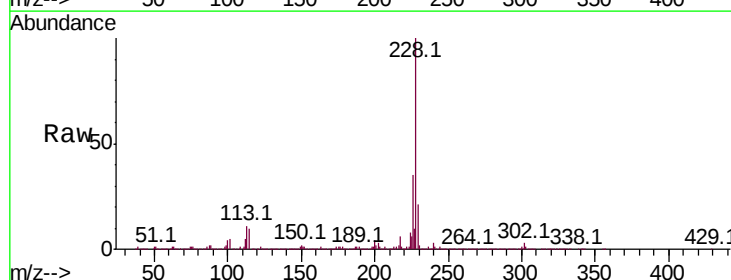
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#83
Benzo(a)anthracene
Concen: 65.011 ng/ul m
RT: 21.14 min Scan# 3104
Delta R.T. 0.01 min
Lab File: BM025660.D
Acq: 20 Mar 2020 13:59

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.5	23.3
226	35.0	21.0	31.6#

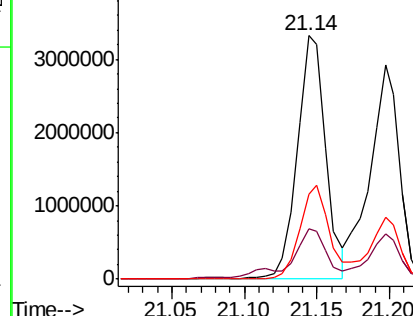
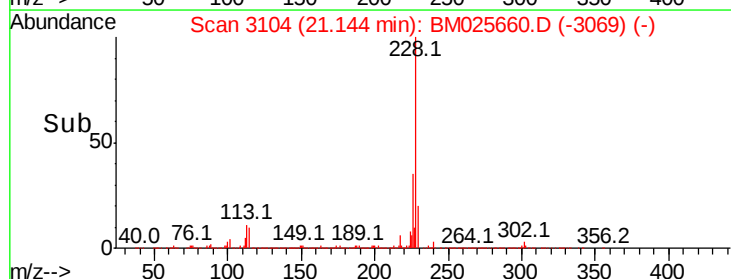


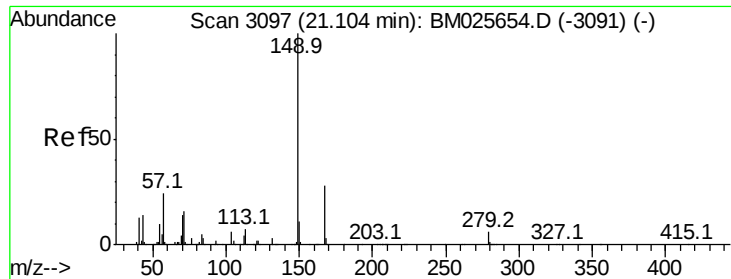
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





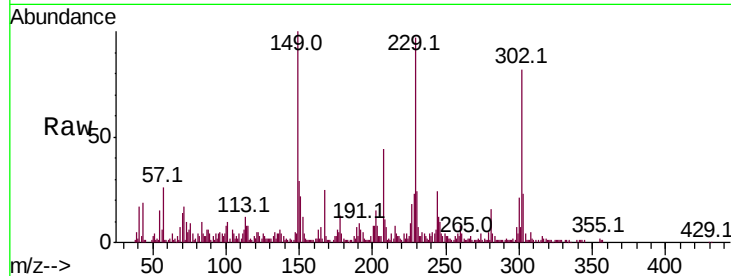
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.788 ng/ul
RT: 21.10 min Scan# 3097
Delta R.T. -0.00 min
Lab File: BM025660.D
Acq: 20 Mar 2020 13:59

Instrument :
BNA_M
ClientSampleId :
B0AG8

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.1	22.7	34.1
279	5.1	4.1	6.1

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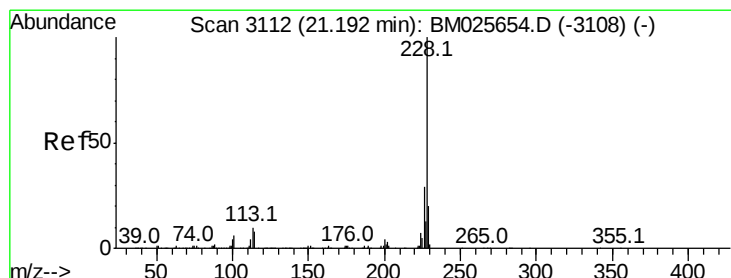
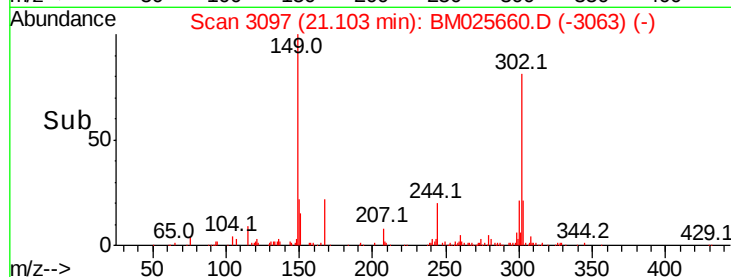
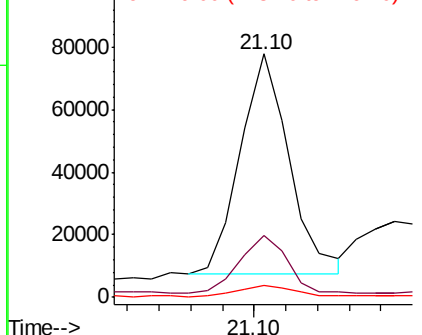


Abundance

Ion 149.00 (148.70 to 149.70): E

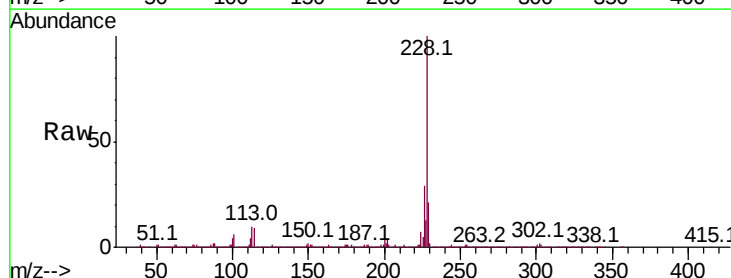
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85
Chrysene
Concen: 59.359 ng/ul
RT: 21.20 min Scan# 3113
Delta R.T. 0.01 min
Lab File: BM025660.D
Acq: 20 Mar 2020 13:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.0
229	21.3	15.6	23.4

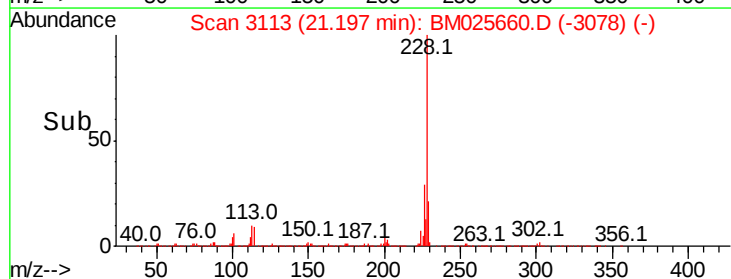
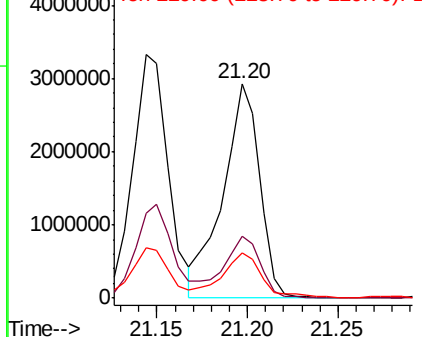


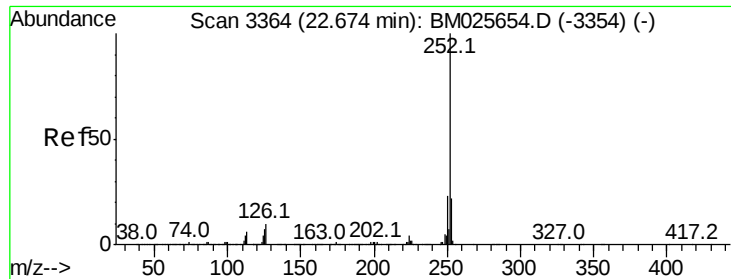
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





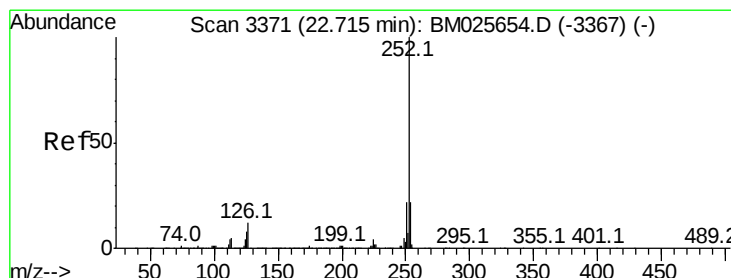
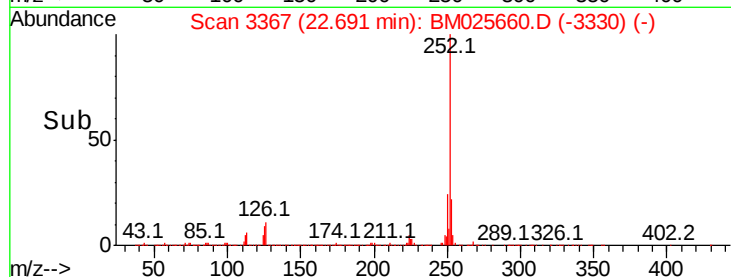
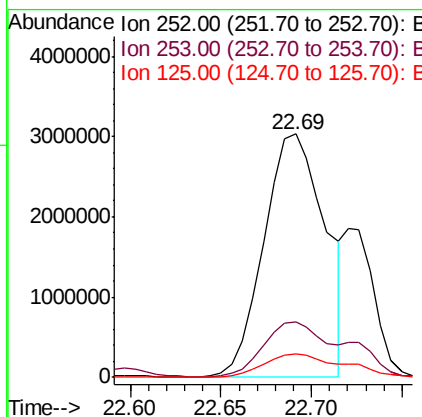
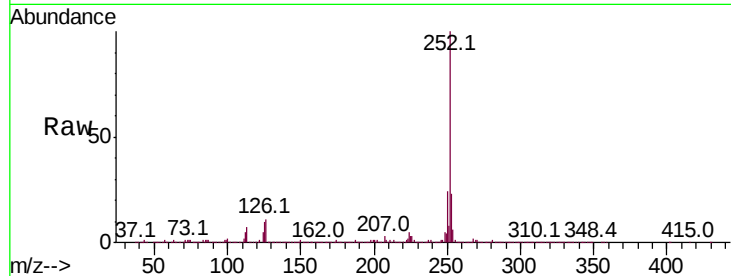
#88
Benzo(b)fluoranthene
Concen: 88.423 ng/ul
RT: 22.69 min Scan# 3367
Delta R.T. 0.02 min
Lab File: BM025660.D
Acq: 20 Mar 2020 13:59

Instrument :
BNA_M
ClientSampleId :
B0AG8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	9.6	6.7	10.1

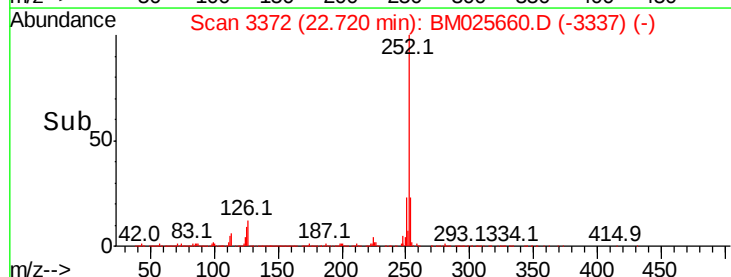
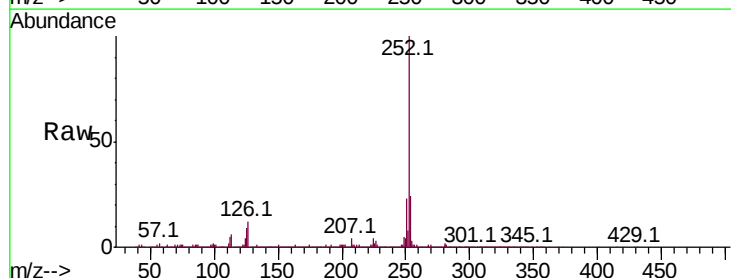
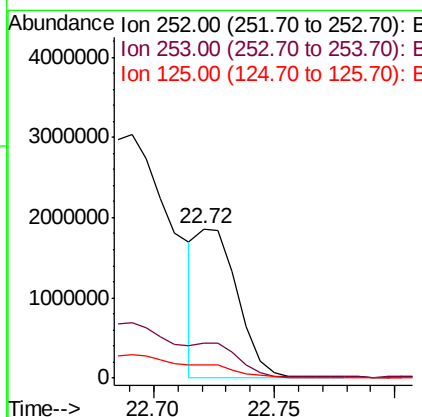
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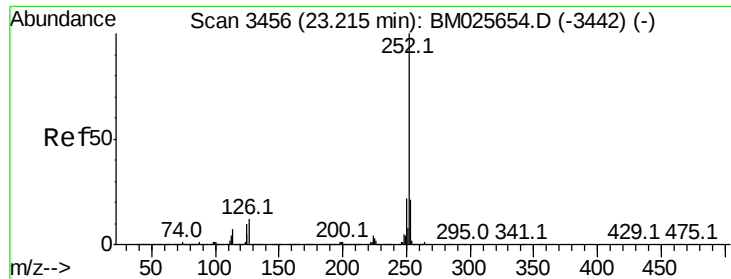
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#89
Benzo(k)fluoranthene
Concen: 26.933 ng/ul m
RT: 22.72 min Scan# 3372
Delta R.T. 0.01 min
Lab File: BM025660.D
Acq: 20 Mar 2020 13:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.7	26.5
125	9.1	6.9	10.3





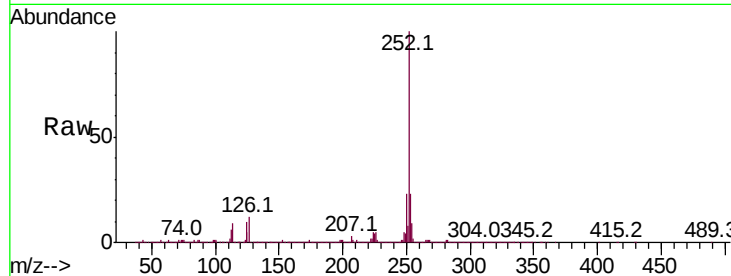
#91
Benzo(a)pyrene
Concen: 70.261 ng/ul
RT: 23.23 min Scan# 3459
Delta R.T. 0.02 min
Lab File: BM025660.D
Acq: 20 Mar 2020 13:59

Instrument :
BNA_M
ClientSampleId :
B0AG8

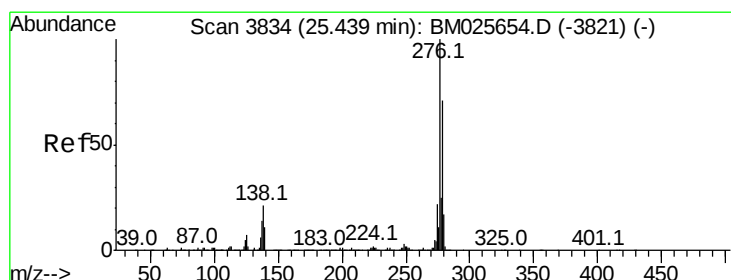
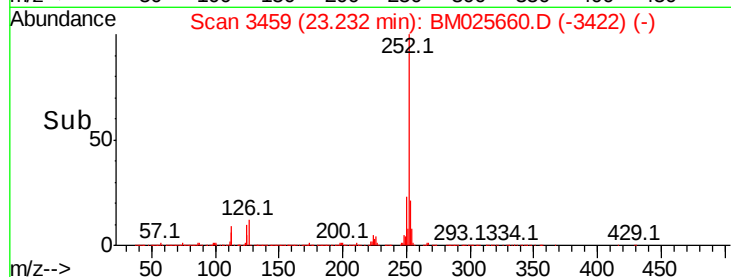
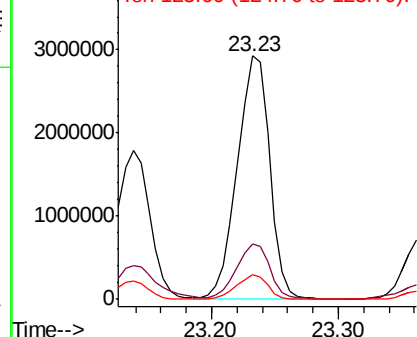
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	9.9	7.1	10.7

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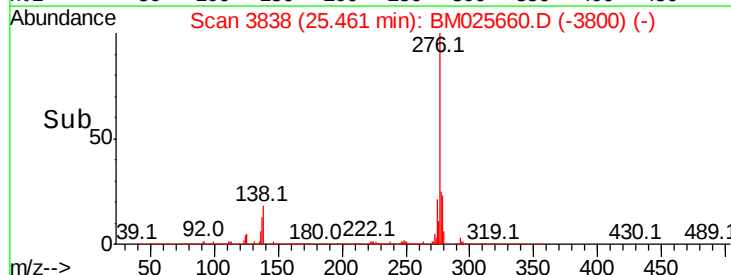
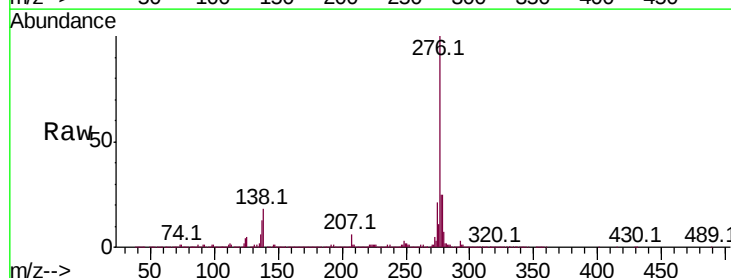
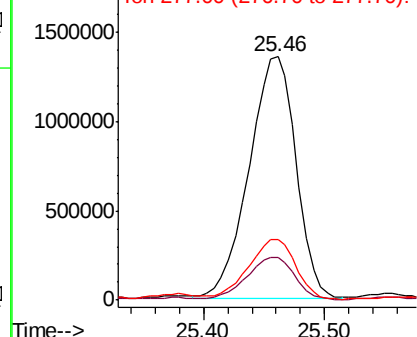
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

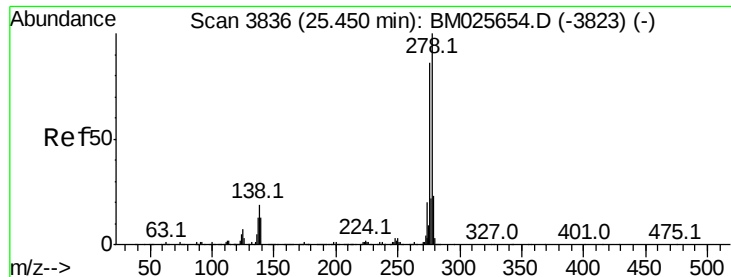


#92
Indeno(1,2,3-cd)pyrene
Concen: 38.078 ng/ul
RT: 25.46 min Scan# 3838
Delta R.T. 0.02 min
Lab File: BM025660.D
Acq: 20 Mar 2020 13:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.7	16.5	24.7
277	24.8	19.7	29.5

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





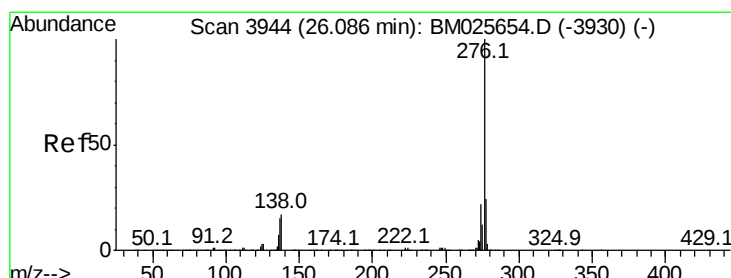
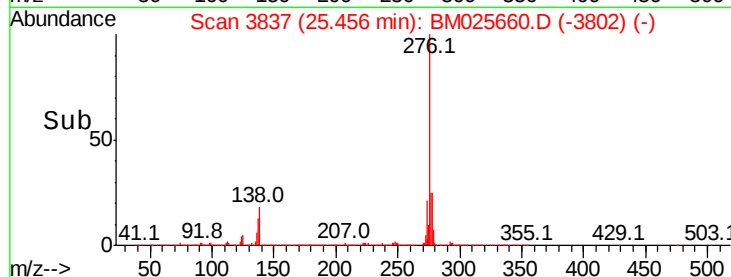
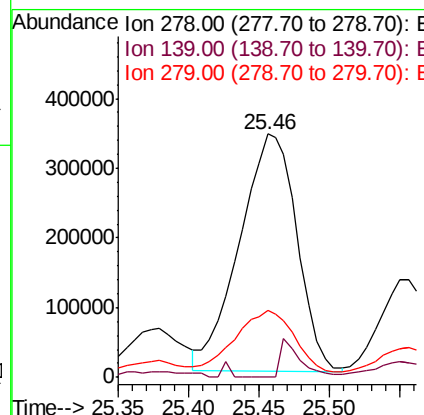
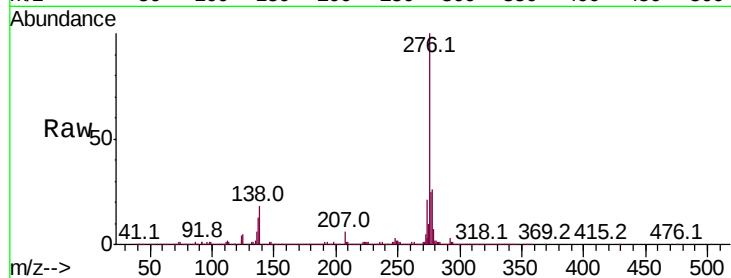
#93
Dibenzo(a,h)anthracene
Concen: 11.765 ng/ul
RT: 25.46 min Scan# 3837
Delta R.T. 0.01 min
Lab File: BM025660.D
Acq: 20 Mar 2020 13:59

Instrument :
BNA_M
ClientSampleId :
B0AG8

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.4	15.6#
279	27.3	18.6	28.0

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#94
Benzo(g,h,i)perylene
Concen: 31.311 ng/ul
RT: 26.11 min Scan# 3948
Delta R.T. 0.02 min
Lab File: BM025660.D
Acq: 20 Mar 2020 13:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.6	13.2	19.8
277	23.6	19.0	28.4

