

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
 Data File : BM025577.D
 Acq On : 16 Mar 2020 13:21
 Operator : CG/JU
 Sample : L1906-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0AG2

Manual Integrations
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Quant Time: Mar 16 14:51:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 16 04:27:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	176071	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	733488	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	459175	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	967322	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	1012192	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	1189379	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	18303	4.36	ng/uL	0.00
5) Phenol-d5	6.82	99	368733	26.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	221881	27.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	310508	27.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	309268	27.09	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	152757	28.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	165121	28.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	327310	27.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	359994	26.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1016494	29.13	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1218110	29.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	151517	22.80	ng/ul	0.00
58) Fluorene-d10	15.27	176	893758	29.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	115943	19.65	ng/ul	0.00
71) Anthracene-d10	17.12	188	1373638	30.40	ng/ul	0.00
79) Pyrene-d10	19.41	212	1599897	32.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.25	264	1931456	31.72	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.73	163	218332	6.010	ng/ul 99
48) Acenaphthylene	13.99	152	144726	3.196	ng/ul 98
50) Acenaphthene	14.33	153	165738	5.384	ng/ul 97
54) Dibenzofuran	14.67	168	103351	2.367	ng/ul 91
59) Fluorene	15.32	166	169512	4.615	ng/ul 98
70) Phenanthrene	17.06	178	3582523	62.920	ng/ul 99
72) Anthracene	17.14	178	925171	15.944	ng/ul 100
75) Carbazole	17.42	167	153528	3.027	ng/ul 96
77) Fluoranthene	19.08	202	7298296	108.743	ng/ul 99
80) Pyrene	19.44	202	6107615	89.844	ng/ul 99
83) Benzo(a)anthracene	21.19	228	3102921	46.497	ng/ul 97
85) Chrysene	21.24	228	2746385	41.946	ng/ul 98
88) Benzo(b)fluoranthene	22.74	252	4030220	54.308	ng/ul 98
89) Benzo(k)fluoranthene	22.78	252	1484642m	20.308	ng/ul
91) Benzo(a)pyrene	23.30	252	2969567	43.971	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.55	276	2127203	23.851	ng/ul 97
93) Dibenzo(a,h)anthracene	25.56	278	508733m	6.736	ng/ul
94) Benzo(g,h,i)perylene	26.21	276	1620188	22.042	ng/ul 99

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

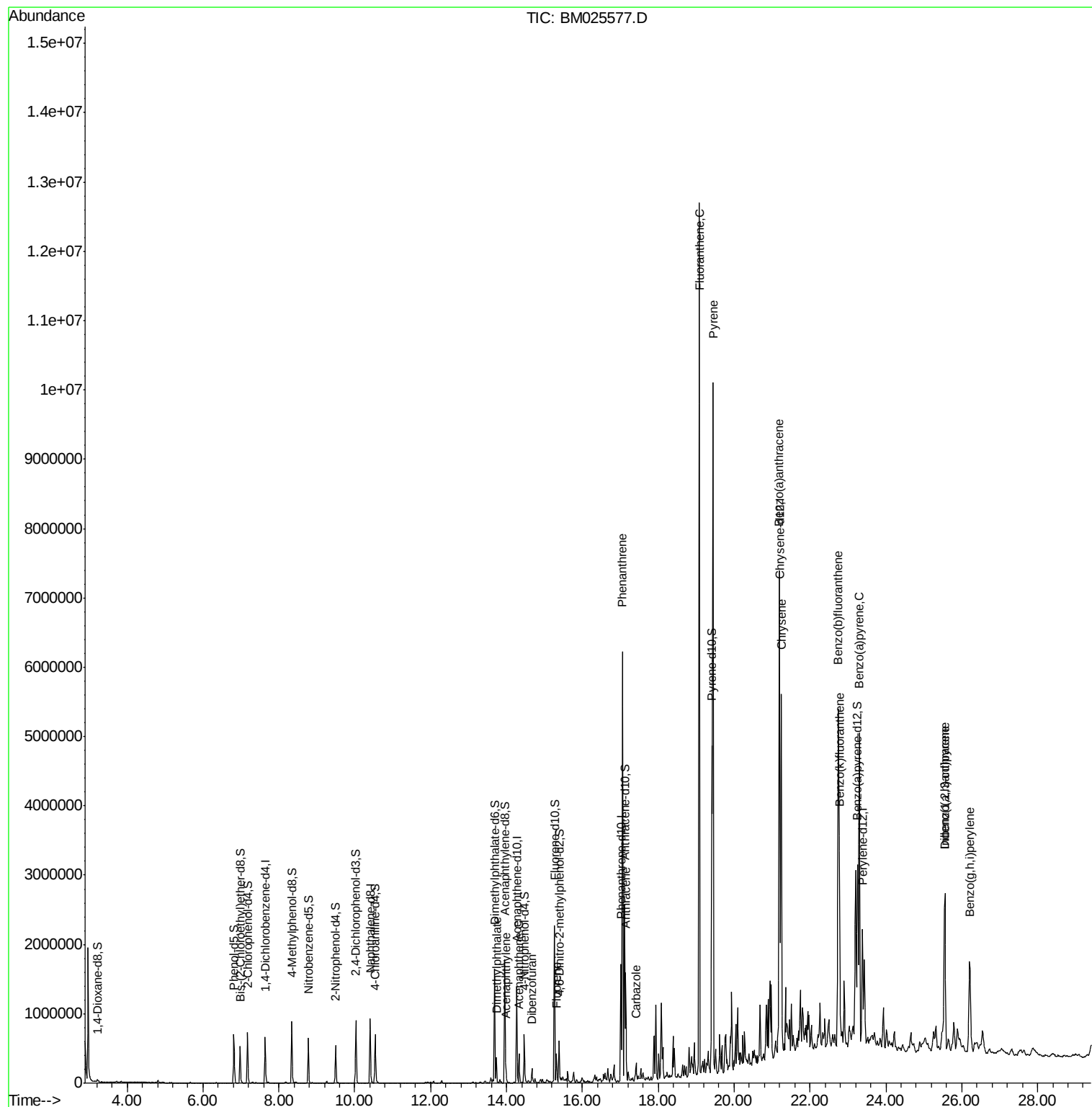
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
Data File : BM025577.D
Acq On : 16 Mar 2020 13:21
Operator : CG/JU
Sample : L1906-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

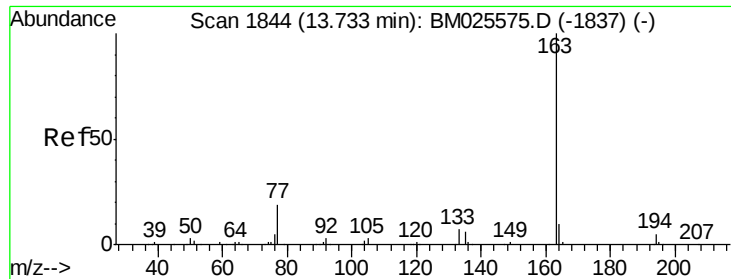
Instrument :
BNA_M
ClientSampleId :
B0AG2

Quant Time: Mar 16 14:51:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 16 04:27:51 2020
Response via : Initial Calibration

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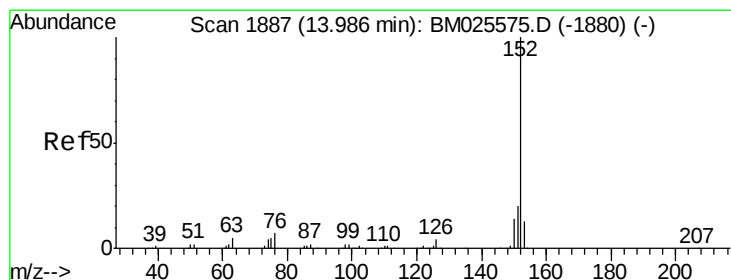
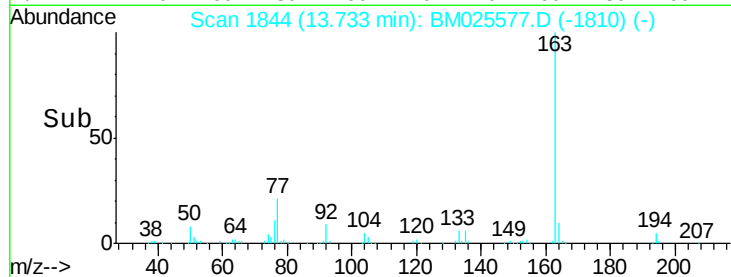
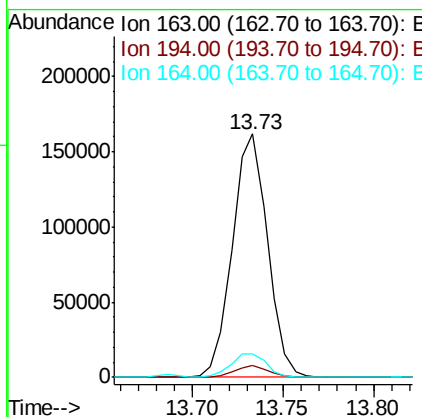
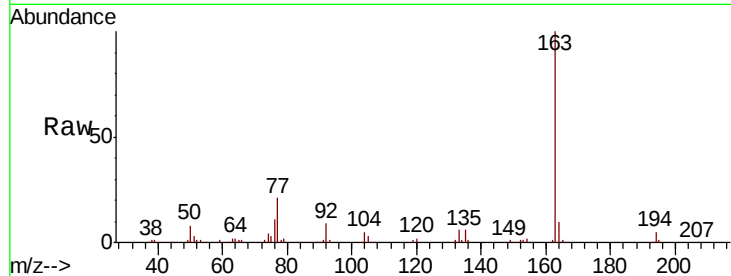
#45
Dimethylphthalate
Concen: 6.010 ng/ul
RT: 13.73 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BM025577.D
Acq: 16 Mar 2020 13:21

Instrument :
BNA_M
ClientSampleId :
B0AG2

Tot Ion	Ratio	Resp	Lower	Upper
163	100	218332		
194	4.7		3.5	5.3
164	9.8		8.2	12.4

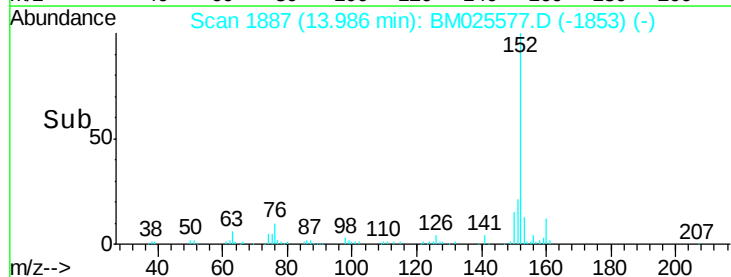
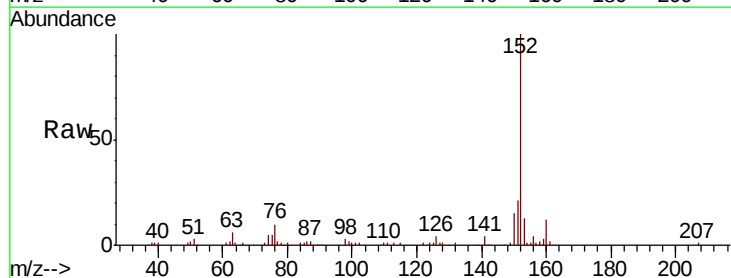
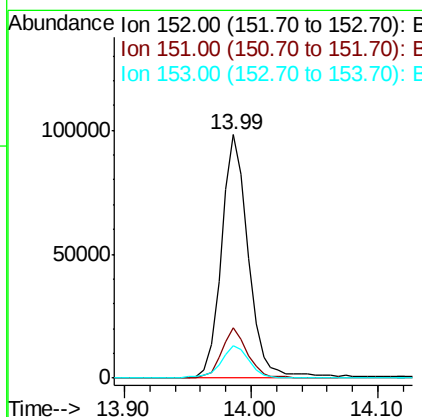
Manual Integrations
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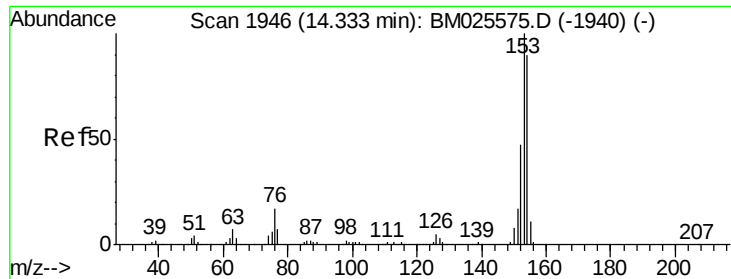
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#48
Acenaphthylene
Concen: 3.196 ng/ul
RT: 13.99 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BM025577.D
Acq: 16 Mar 2020 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	144726		
151	20.9		15.8	23.6
153	13.4		10.6	16.0





#50

Acenaphthene

Concen: 5.384 ng/ul

RT: 14.33 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BM025577.D

Acq: 16 Mar 2020 13:21

Instrument :

BNA_M

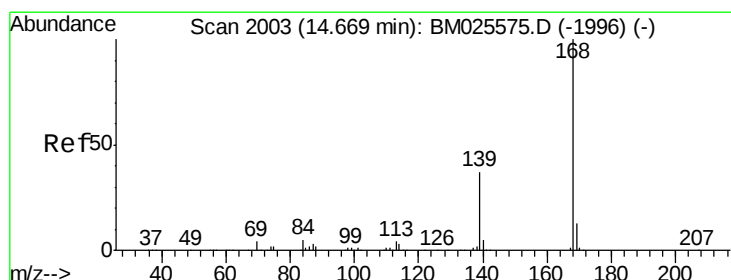
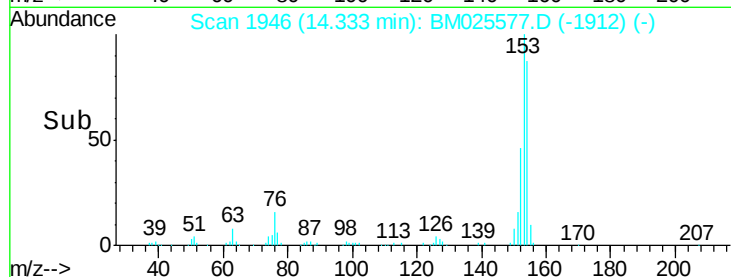
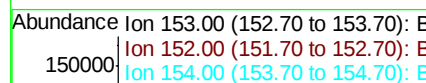
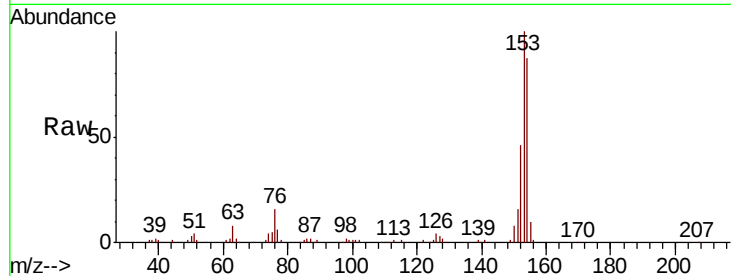
ClientSampleId :

B0AG2

Tot Ion:	153	Resp:	165738
Ion Ratio	Lower	Upper	
153	100		
152	45.9	37.6	56.4
154	87.2	72.2	108.2

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#54

Dibenzofuran

Concen: 2.367 ng/ul

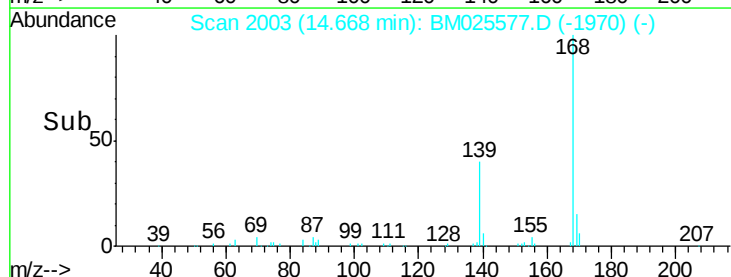
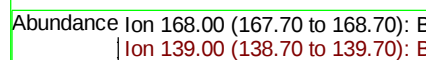
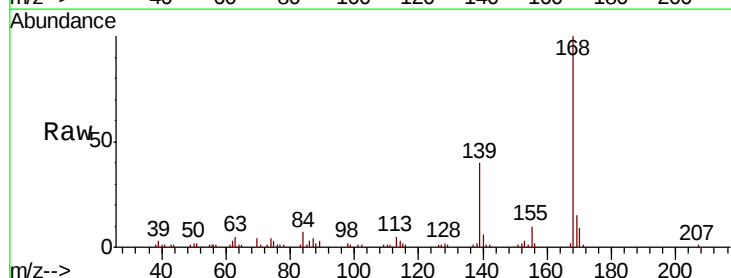
RT: 14.67 min Scan# 2003

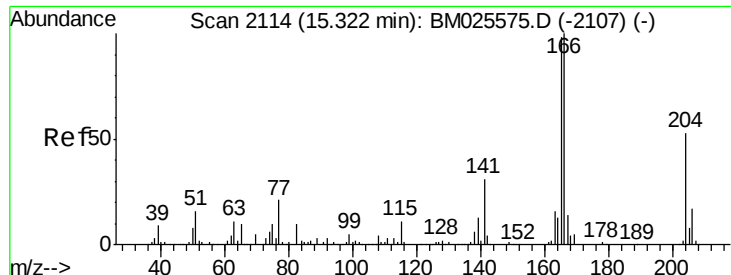
Delta R.T. -0.01 min

Lab File: BM025577.D

Acq: 16 Mar 2020 13:21

Tgt Ion:	168	Resp:	103351
Ion Ratio	Lower	Upper	
168	100		
139	40.3	28.2	42.2





#59

Fluorene

Concen: 4.615 ng/ul

RT: 15.32 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BM025577.D

Acq: 16 Mar 2020 13:21

Instrument :

BNA_M

ClientSampleId :

B0AG2

Tot Ion:166 Resp: 169512

Ion Ratio Lower Upper

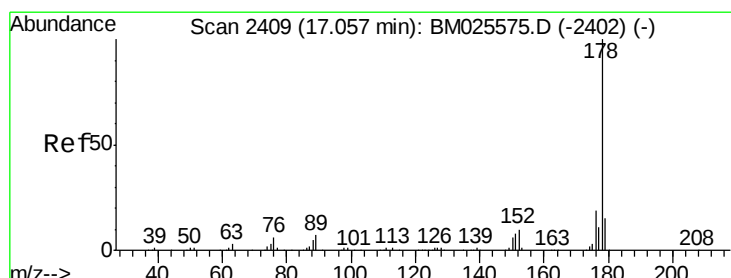
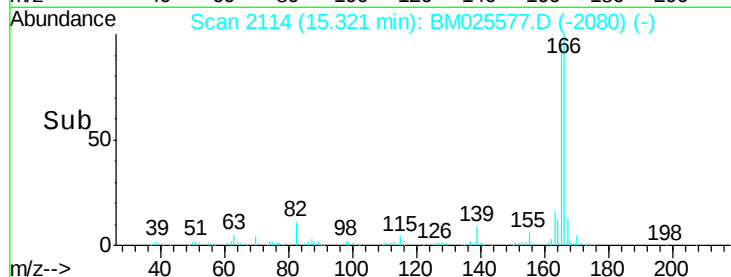
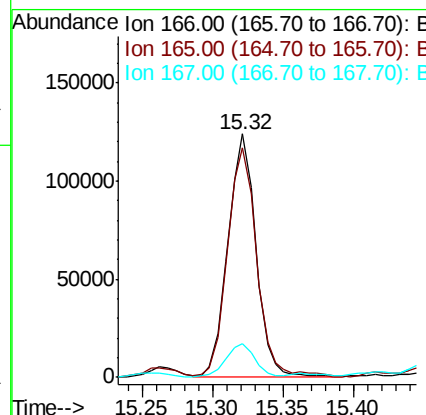
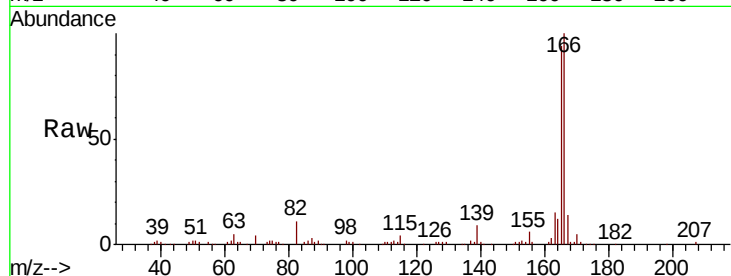
166 100

165 94.3 77.2 115.8

167 13.9 11.2 16.8

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#70

Phenanthrene

Concen: 62.920 ng/ul

RT: 17.06 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BM025577.D

Acq: 16 Mar 2020 13:21

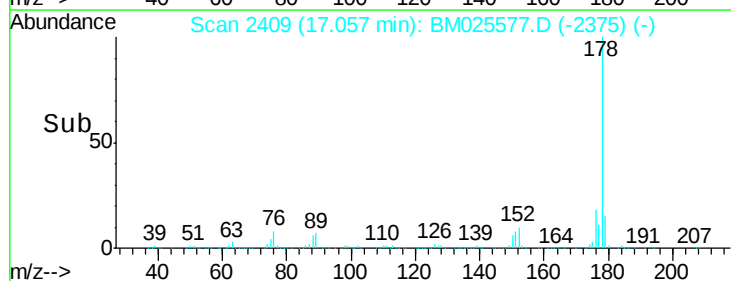
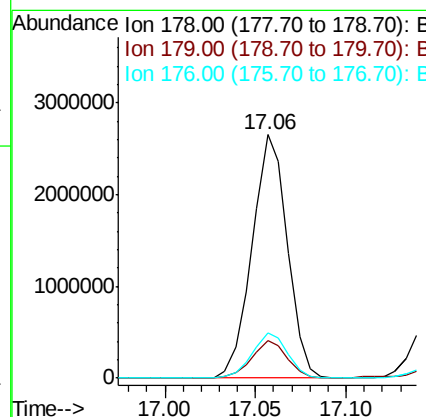
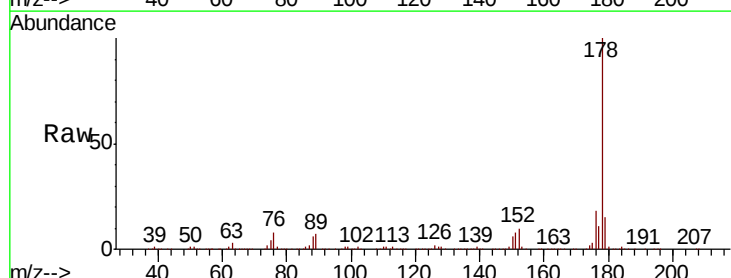
Tgt Ion:178 Resp: 3582523

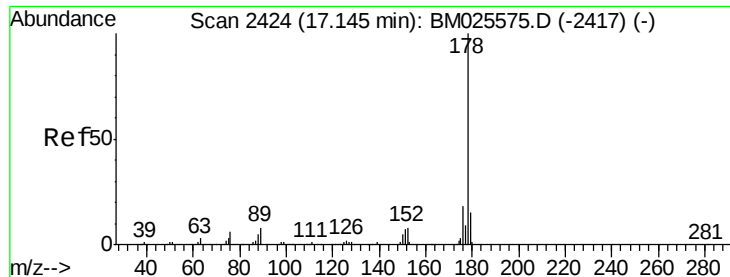
Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 18.4 15.3 22.9





#72

Anthracene

Concen: 15.944 ng/ul

RT: 17.14 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BM025577.D

Acq: 16 Mar 2020 13:21

Instrument :

BNA_M

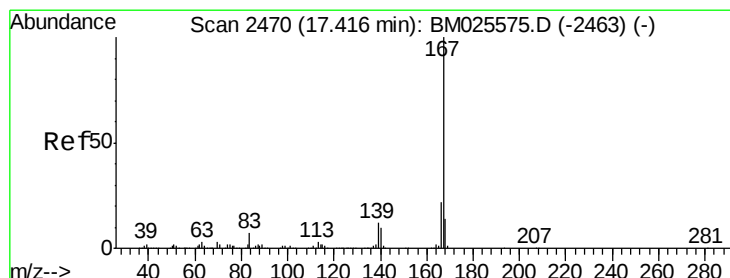
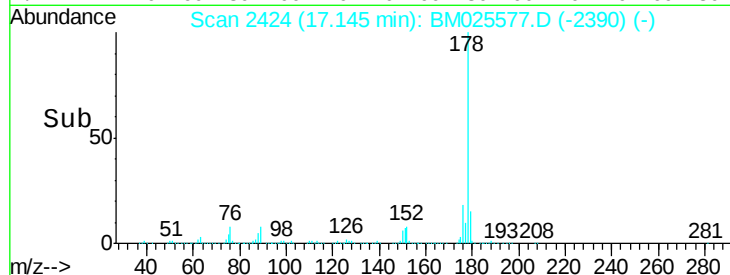
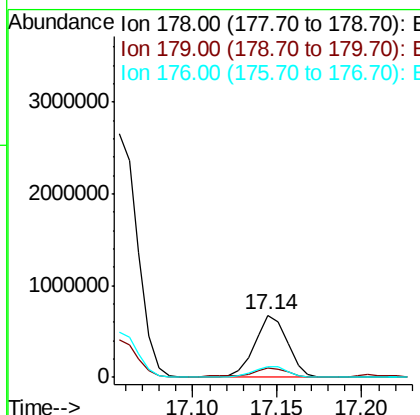
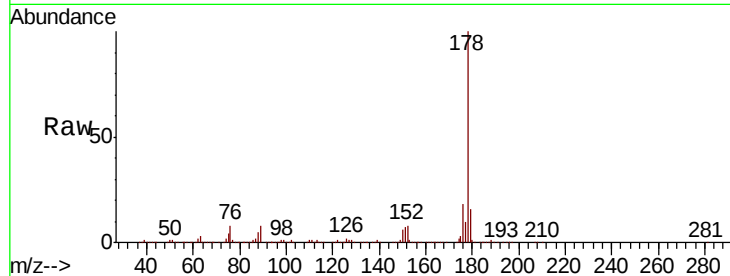
ClientSampleId :

B0AG2

Tot Ion:	178	Resp:	925171
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.5	18.7
176	17.9	14.5	21.7

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#75

Carbazole

Concen: 3.027 ng/ul

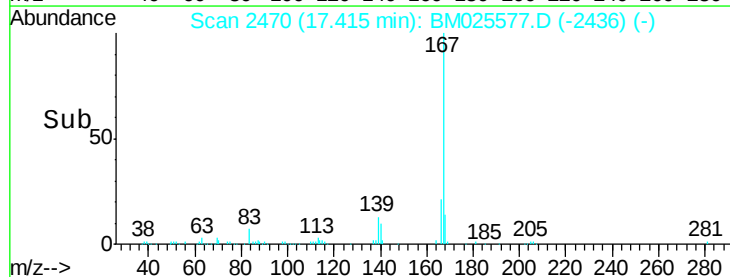
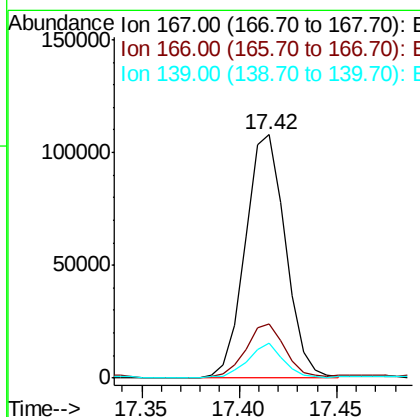
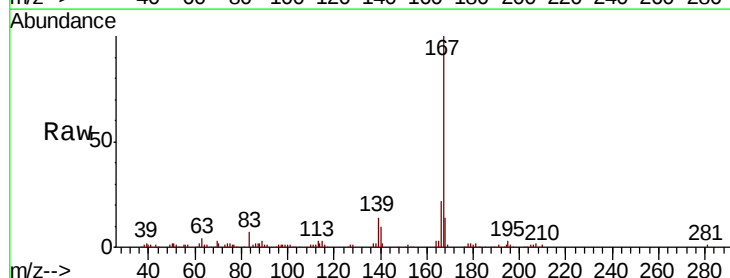
RT: 17.42 min Scan# 2470

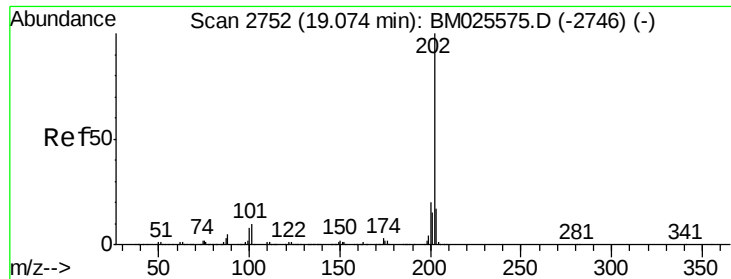
Delta R.T. -0.00 min

Lab File: BM025577.D

Acq: 16 Mar 2020 13:21

Tgt Ion:	167	Resp:	153528
Ion Ratio	Lower	Upper	
167	100		
166	22.2	16.7	25.1
139	14.2	9.8	14.8





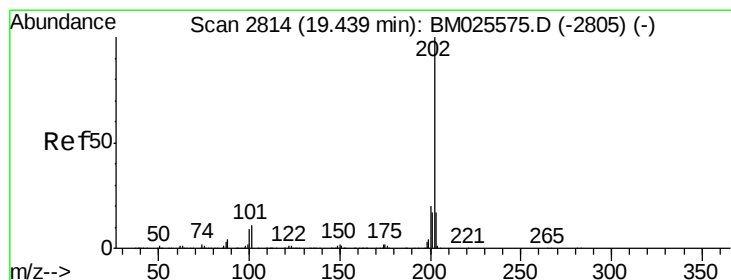
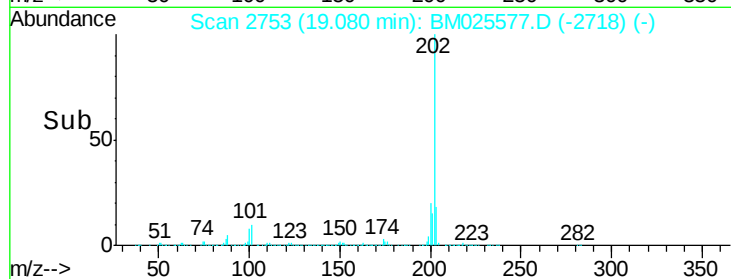
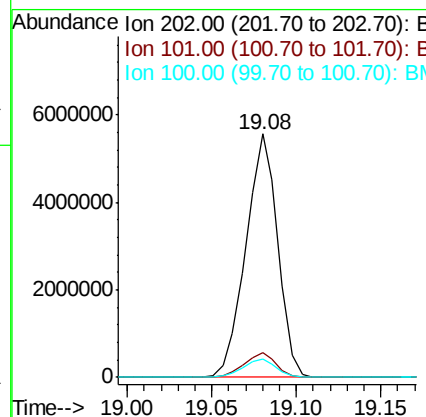
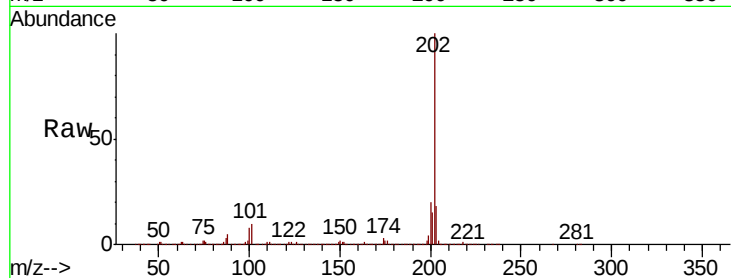
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Fluoranthene
 Concen: 108.743 ng/ul
 RT: 19.08 min Scan# 2753
 Delta R.T. 0.01 min
 Lab File: BM025577.D
 Acq: 16 Mar 2020 13:21

Instrument :
 BNA_M
 ClientSampleId :
 B0AG2

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.2	12.4
100	7.8	6.5	9.7

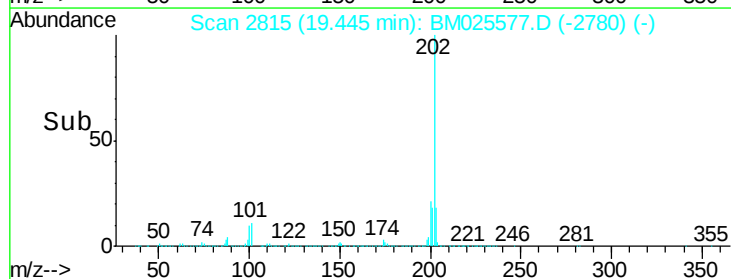
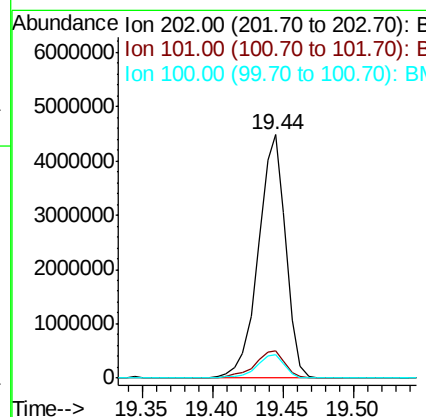
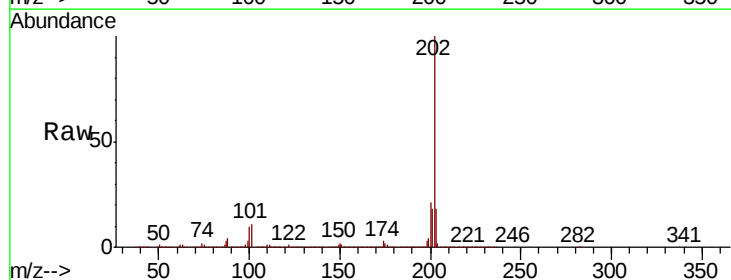
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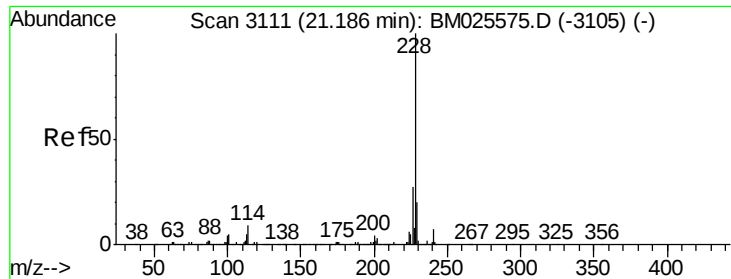
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#80
Pyrene
 Concen: 89.844 ng/ul
 RT: 19.44 min Scan# 2815
 Delta R.T. 0.01 min
 Lab File: BM025577.D
 Acq: 16 Mar 2020 13:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.9	13.3
100	9.5	7.5	11.3





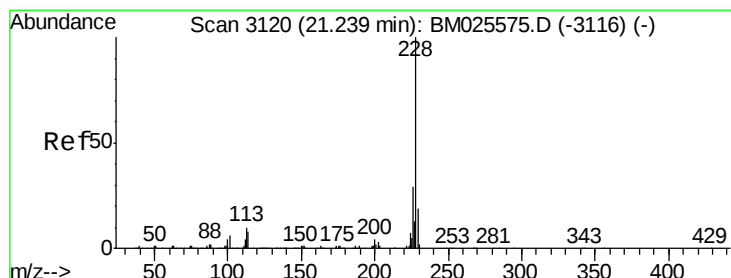
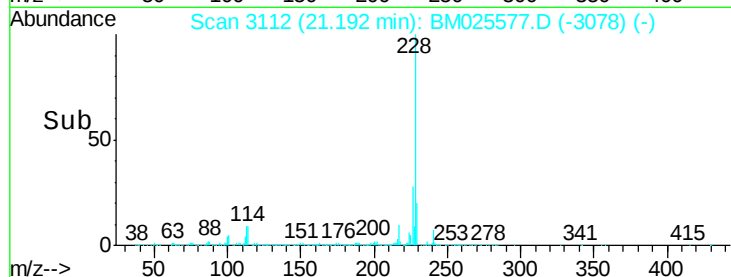
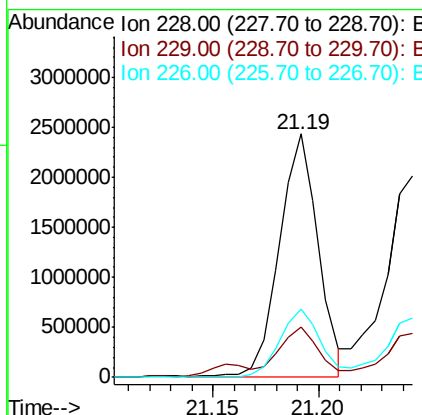
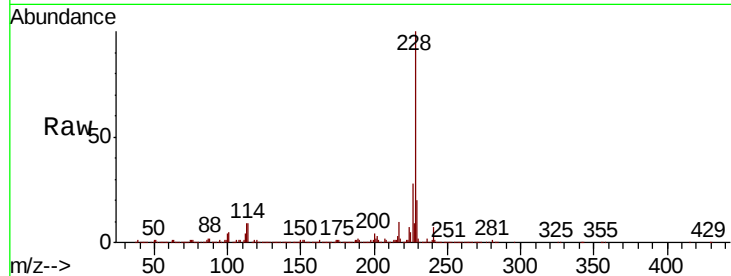
#83
Benzo(a)anthracene
Concen: 46.497 ng/ul
RT: 21.19 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BM025577.D
Acq: 16 Mar 2020 13:21

Instrument :
BNA_M
ClientSampleId :
B0AG2

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.5	23.3
226	28.1	21.0	31.6

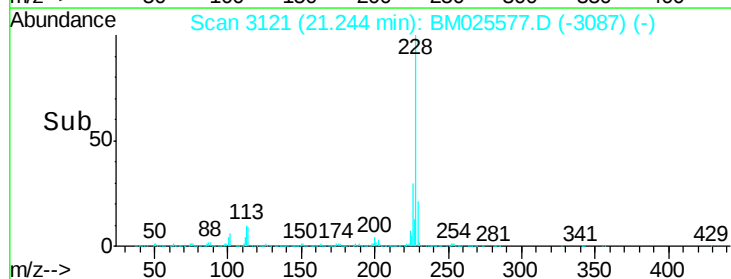
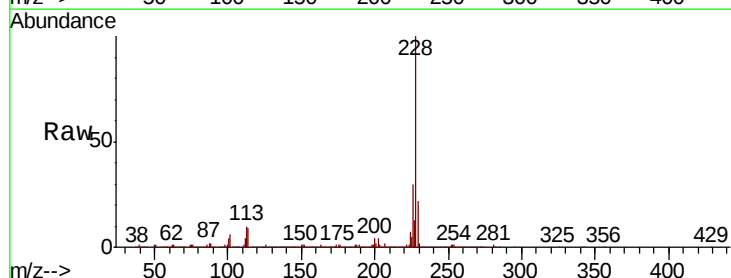
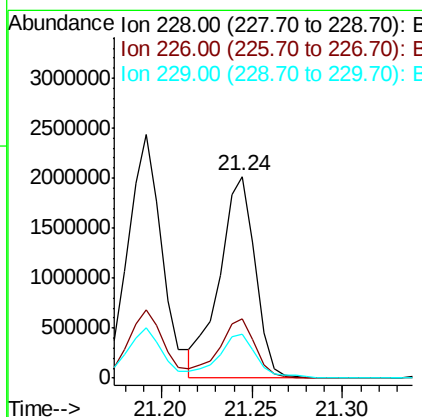
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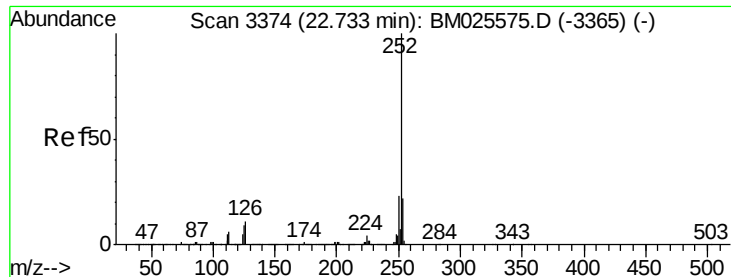
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#85
Chrysene
Concen: 41.946 ng/ul
RT: 21.24 min Scan# 3121
Delta R.T. -0.00 min
Lab File: BM025577.D
Acq: 16 Mar 2020 13:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.0
229	21.7	15.6	23.4





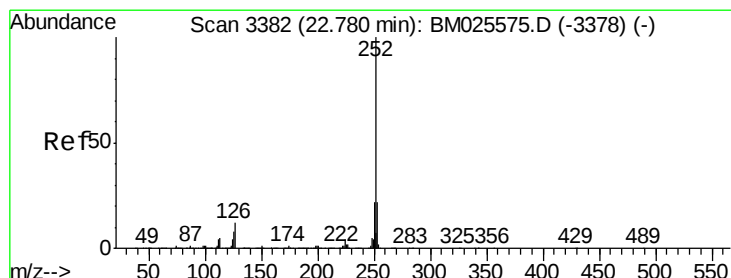
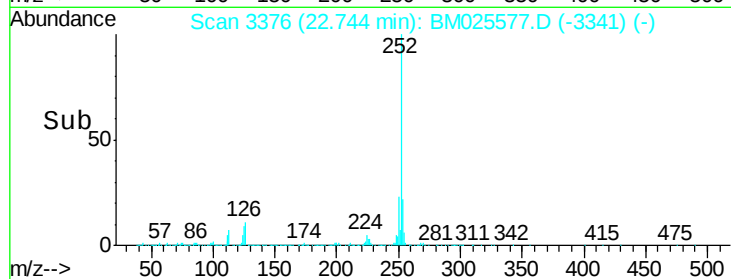
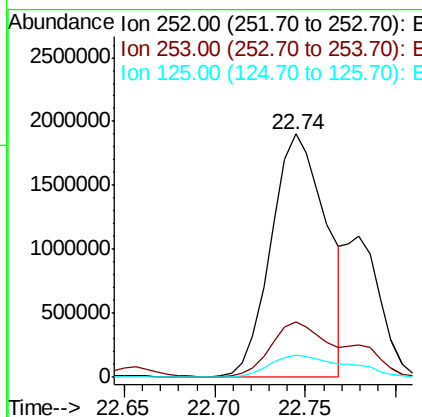
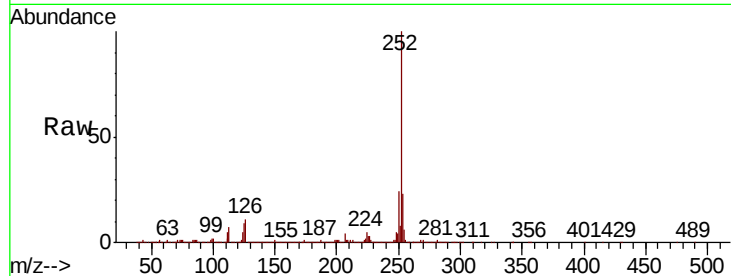
#88
Benzo(b)fluoranthene
Concen: 54.308 ng/ul
RT: 22.74 min Scan# 3376
Delta R.T. 0.01 min
Lab File: BM025577.D
Acq: 16 Mar 2020 13:21

Instrument :
BNA_M
ClientSampleId :
B0AG2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	9.2	6.7	10.1

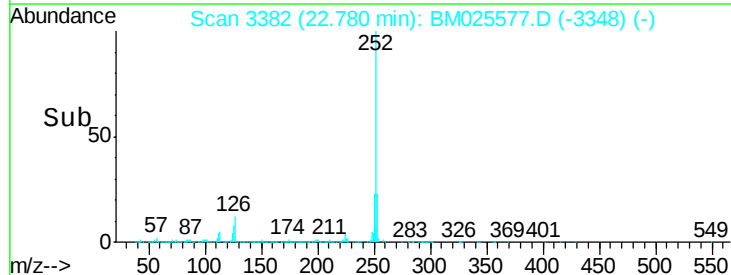
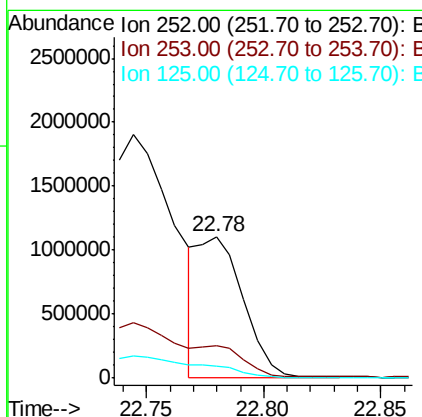
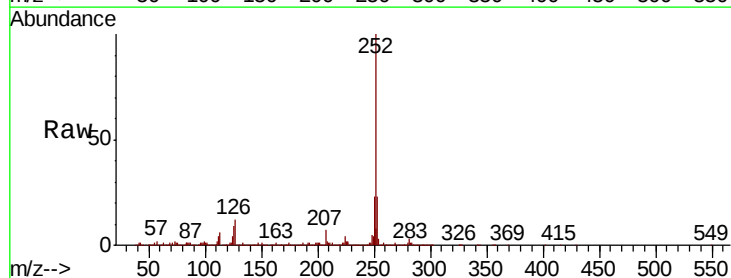
Manual Integrations
APPROVED

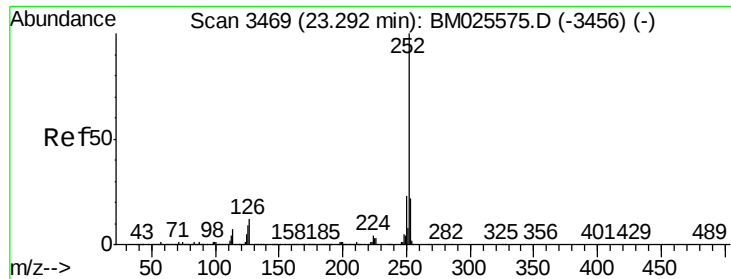
mohammad
3/17/2020 3:10:02 PM



#89
Benzo(k)fluoranthene
Concen: 20.308 ng/ul m
RT: 22.78 min Scan# 3382
Delta R.T. -0.00 min
Lab File: BM025577.D
Acq: 16 Mar 2020 13:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	8.6	6.9	10.3





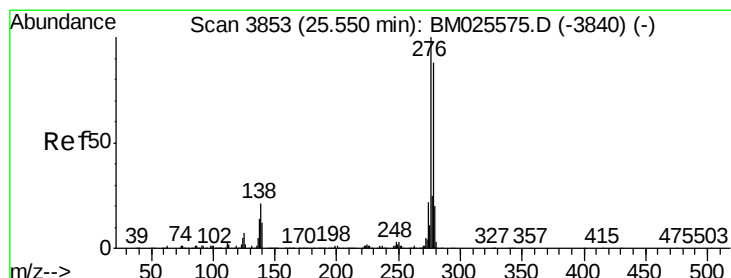
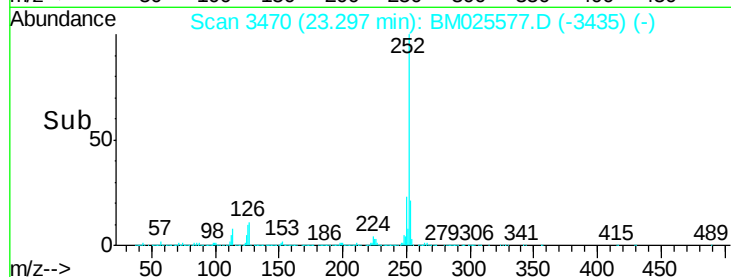
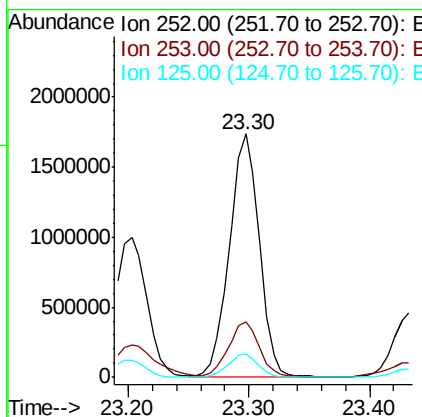
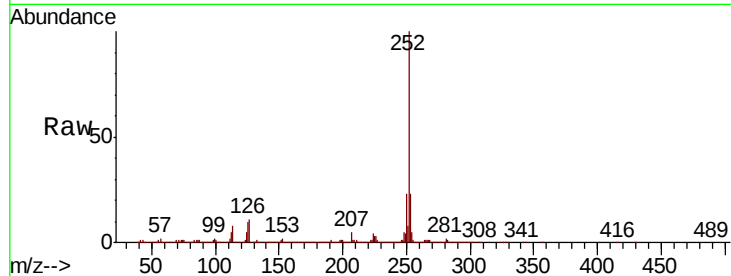
#91
Benzo(a)pyrene
Concen: 43.971 ng/ul
RT: 23.30 min Scan# 3470
Delta R.T. 0.01 min
Lab File: BM025577.D
Acq: 16 Mar 2020 13:21

Instrument :
BNA_M
ClientSampled :
B0AG2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	9.7	7.1	10.7

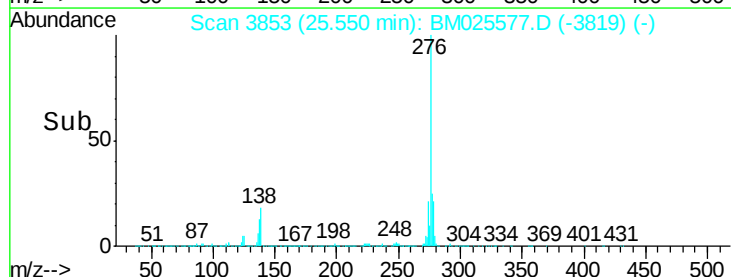
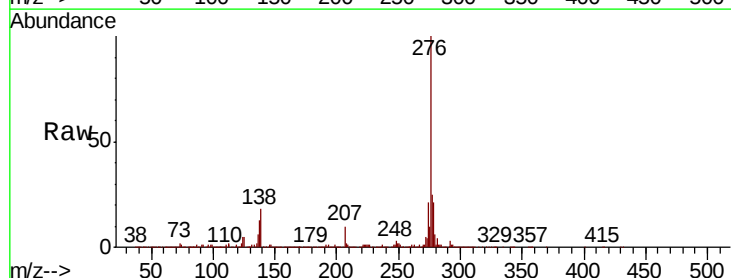
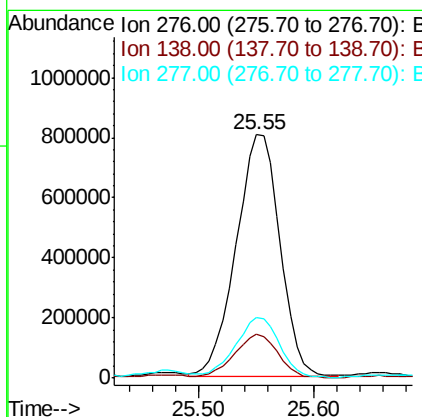
Manual Integrations
APPROVED

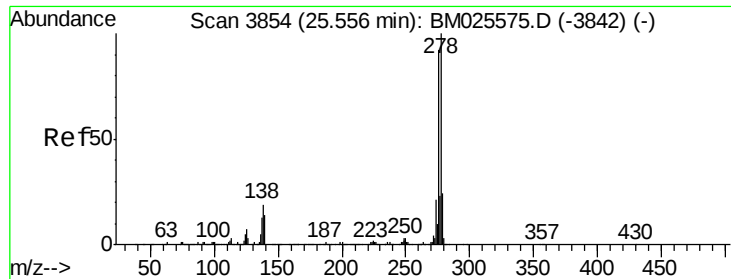
mohammad
3/17/2020 3:10:02 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 23.851 ng/ul
RT: 25.55 min Scan# 3853
Delta R.T. -0.00 min
Lab File: BM025577.D
Acq: 16 Mar 2020 13:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.9	16.5	24.7
277	24.8	19.7	29.5





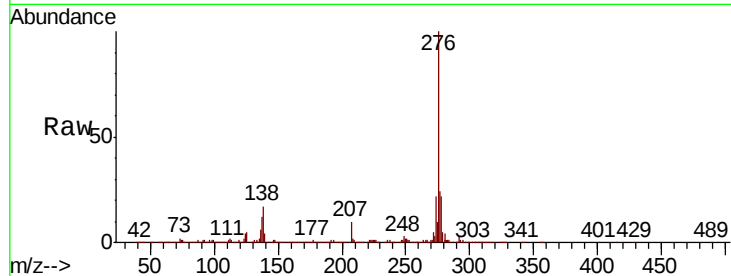
#93
Dibenzo(a,h)anthracene
Concen: 6.736 ng/ul m
RT: 25.56 min Scan# 3854
Delta R.T. -0.01 min
Lab File: BM025577.D
Acq: 16 Mar 2020 13:21

Instrument :
BNA_M
ClientSampleId :
B0AG2

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.9	10.4	15.6#
279	24.3	18.6	28.0

Manual Integrations
APPROVED

mohammad
3/17/2020 3:10:02 PM

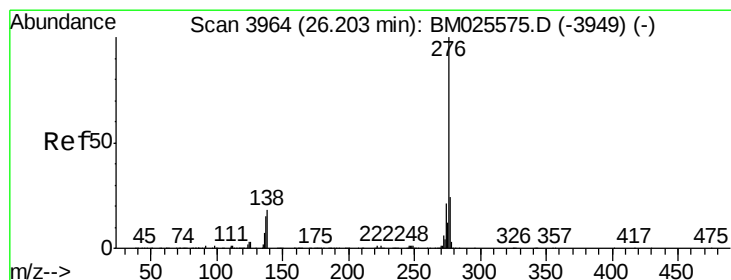
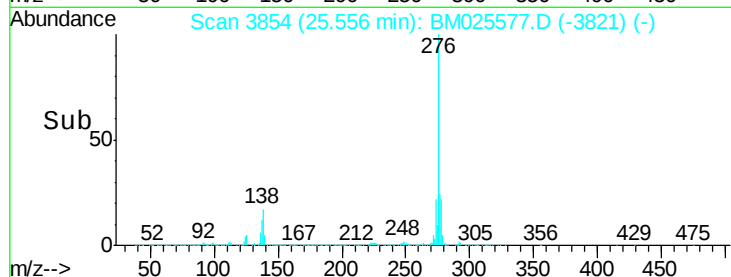
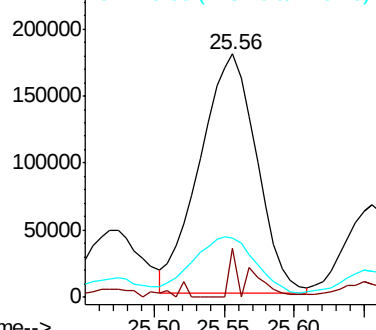


Abundance

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(g,h,i)perylene
Concen: 22.042 ng/ul
RT: 26.21 min Scan# 3965
Delta R.T. -0.00 min
Lab File: BM025577.D
Acq: 16 Mar 2020 13:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	13.2	19.8
277	24.0	19.0	28.4

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

