

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
 Data File : BM025581.D
 Acq On : 16 Mar 2020 15:45
 Operator : CG/JU
 Sample : L1906-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0AG0

Manual Integrations
 APPROVED

mohammad
 3/17/2020 3:10:14 PM

Quant Time: Mar 16 16:23:09 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	228399	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	986526	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	628248	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1328897	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	1263263	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	1477033	20.00	ng/ul	0.00

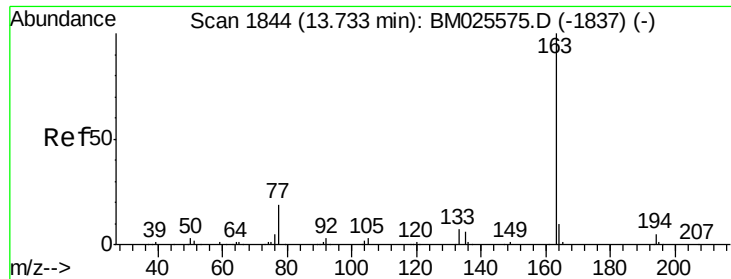
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	21177	3.89	ng/uL	0.00
5) Phenol-d5	6.82	99	421228	23.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	258886	25.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	363404	24.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	310107	20.94	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	184304	25.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	203361	26.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	369269	23.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	449525	24.29	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1183758	24.79	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1421342	24.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	184795	20.33	ng/ul	0.00
58) Fluorene-d10	15.27	176	1033440	24.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	159232	19.64	ng/ul	0.00
71) Anthracene-d10	17.11	188	1579889	25.45	ng/ul	0.00
79) Pyrene-d10	19.41	212	1815880	29.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.24	264	2128166	28.14	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.73	163	490809	9.875	ng/ul 99
48) Acenaphthylene	13.99	152	69259	1.118	ng/ul 98
70) Phenanthrene	17.06	178	648269	8.288	ng/ul 99
72) Anthracene	17.14	178	177876	2.231	ng/ul 100
77) Fluoranthene	19.07	202	1093159	11.856	ng/ul 99
80) Pyrene	19.44	202	934226	11.011	ng/ul 99
83) Benzo(a)anthracene	21.19	228	499172	5.993	ng/ul 98
85) Chrysene	21.24	228	478701	5.858	ng/ul 98
88) Benzo(b)fluoranthene	22.74	252	683474	7.416	ng/ul 99
89) Benzo(k)fluoranthene	22.77	252	252388m	2.780	ng/ul
91) Benzo(a)pyrene	23.29	252	480212	5.726	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.54	276	366691	3.311	ng/ul 95
93) Dibenzo(a,h)anthracene	25.55	278	95145m	1.014	ng/ul
94) Benzo(g,h,i)perylene	26.20	276	287262	3.147	ng/ul 98

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



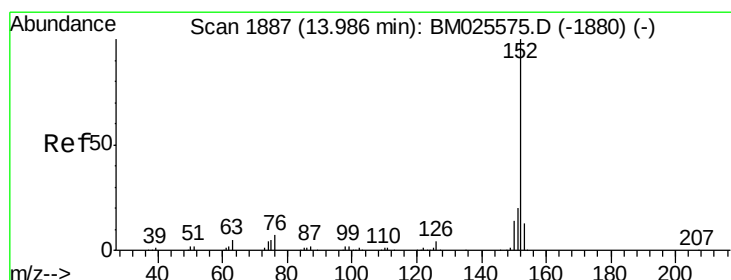
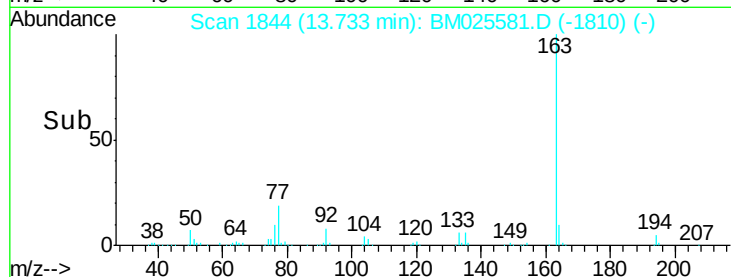
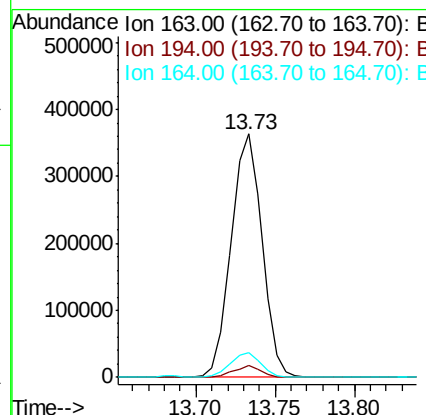
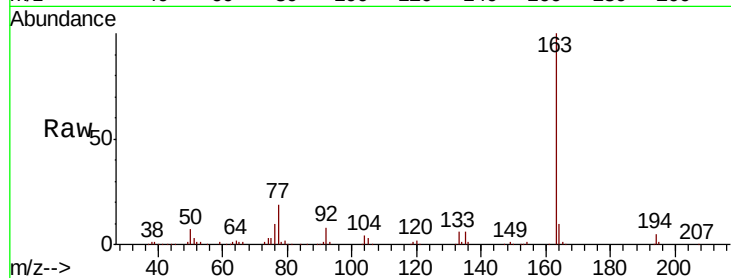
#45
Dimethylphthalate
Concen: 9.875 ng/ul
RT: 13.73 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BM025581.D
Acq: 16 Mar 2020 15:45

Instrument :
BNA_M
ClientSampled :
B0AG0

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	9.9	8.2	12.4

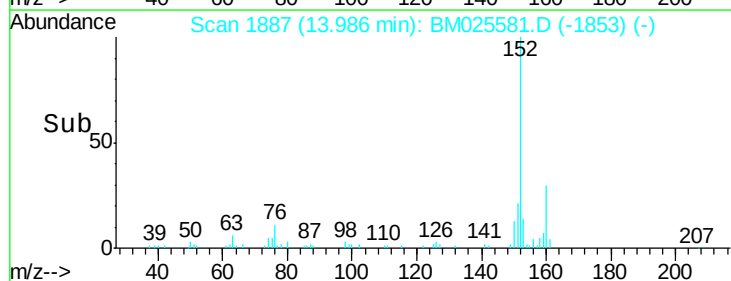
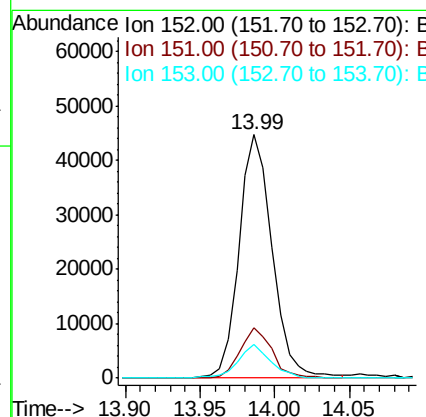
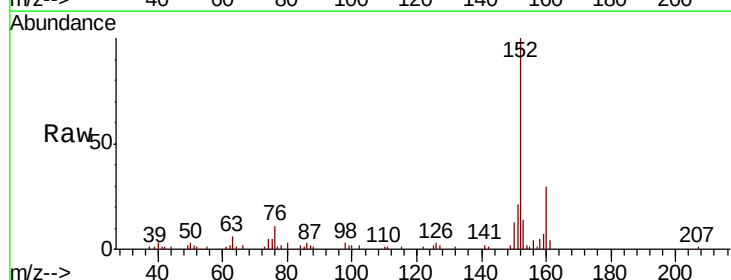
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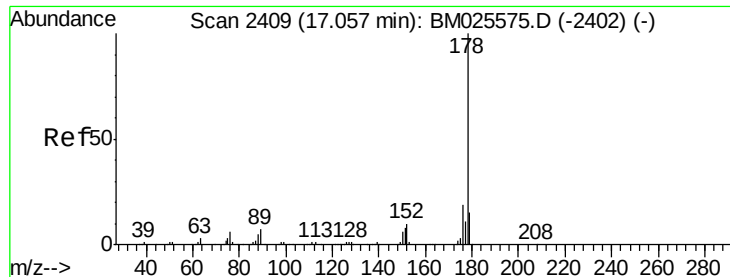
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#48
Acenaphthylene
Concen: 1.118 ng/ul
RT: 13.99 min Scan# 1887
Delta R.T. 0.00 min
Lab File: BM025581.D
Acq: 16 Mar 2020 15:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.8	23.6
153	13.6	10.6	16.0





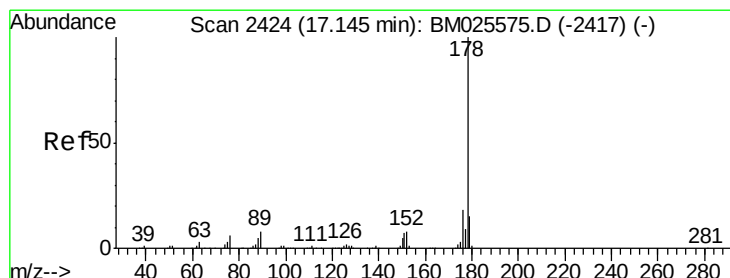
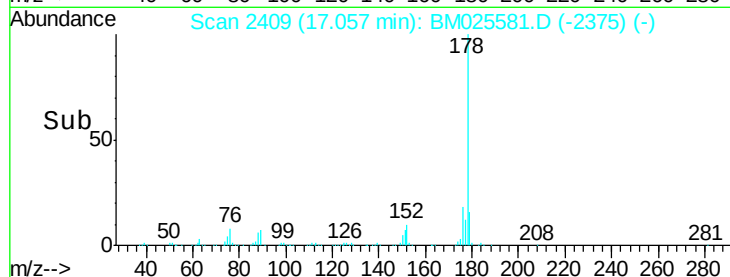
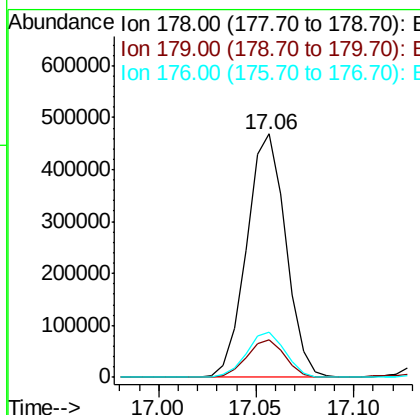
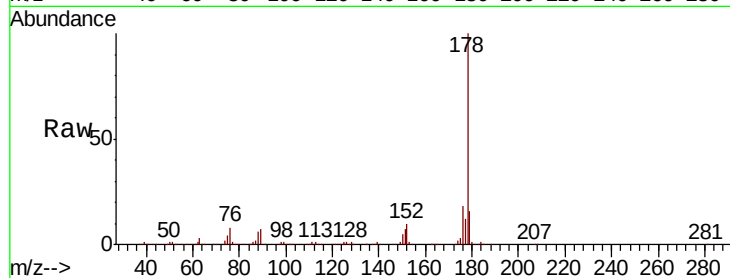
#70
Phenanthrene
Concen: 8.288 ng/ul
RT: 17.06 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BM025581.D
Acq: 16 Mar 2020 15:45

Instrument :
BNA_M
ClientSampleId :
B0AG0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.4
176	18.4	15.3	22.9

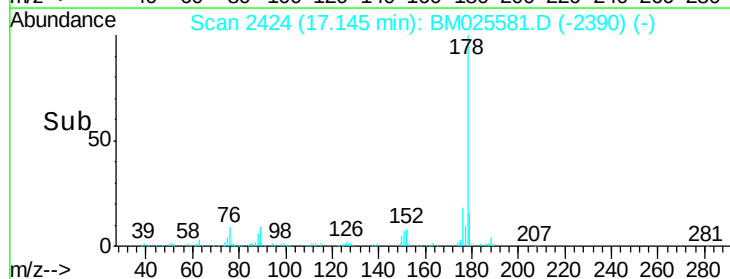
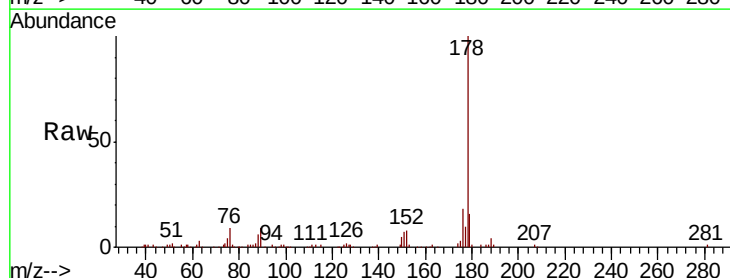
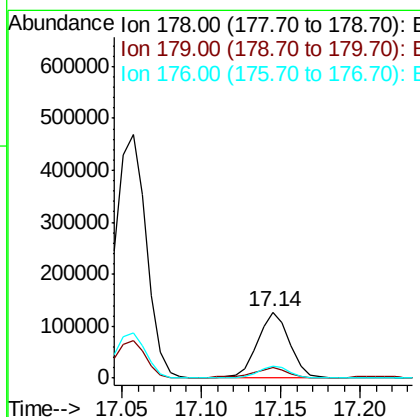
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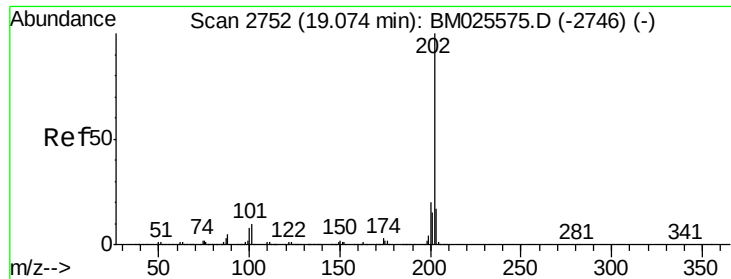
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#72
Anthracene
Concen: 2.231 ng/ul
RT: 17.14 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BM025581.D
Acq: 16 Mar 2020 15:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	18.0	14.5	21.7





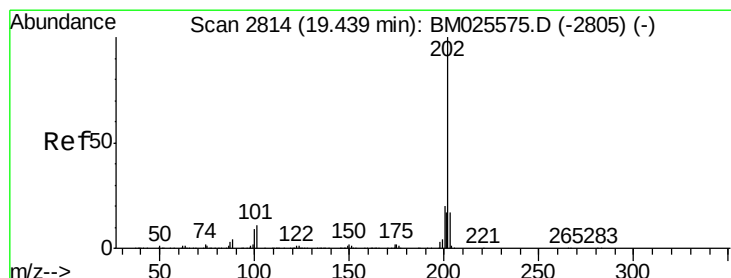
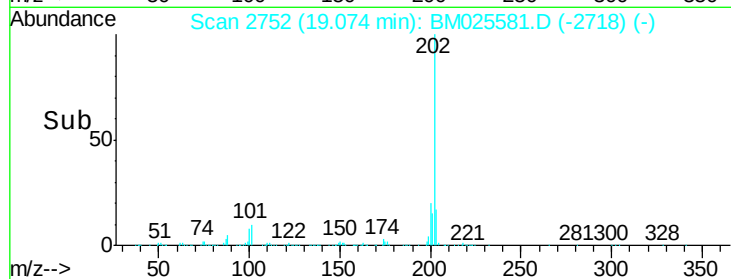
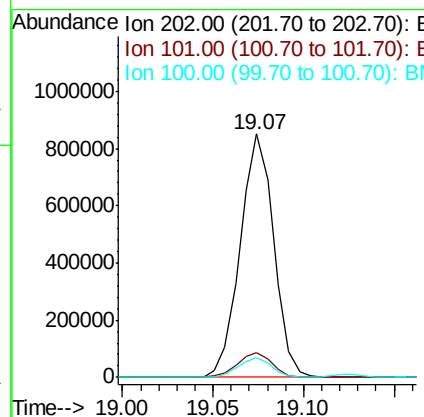
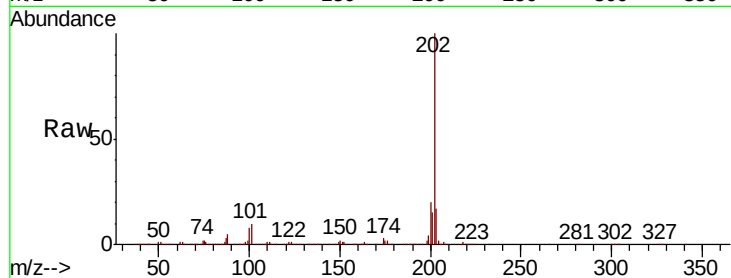
#77
Fluoranthene
Concen: 11.856 ng/ul
RT: 19.07 min Scan# 2752
Delta R.T. 0.00 min
Lab File: BM025581.D
Acq: 16 Mar 2020 15:45

Instrument :
BNA_M
ClientSampleId :
B0AG0

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.2	12.4
100	7.9	6.5	9.7

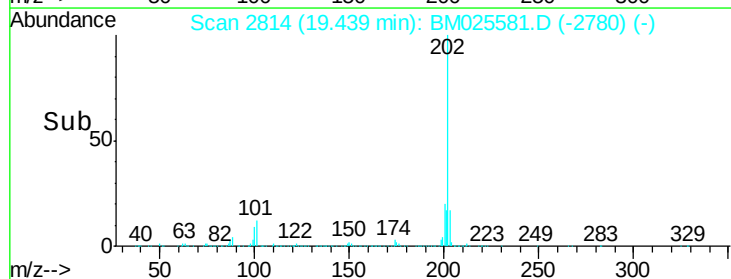
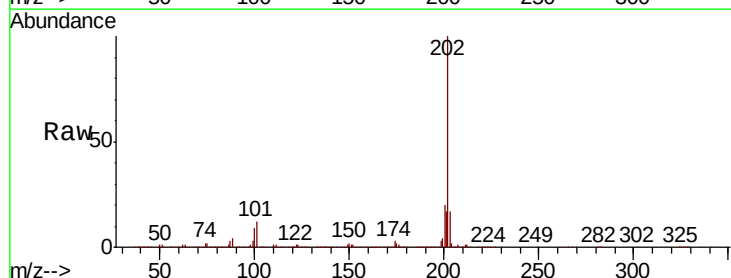
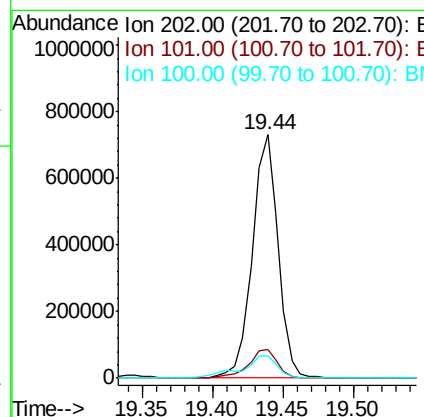
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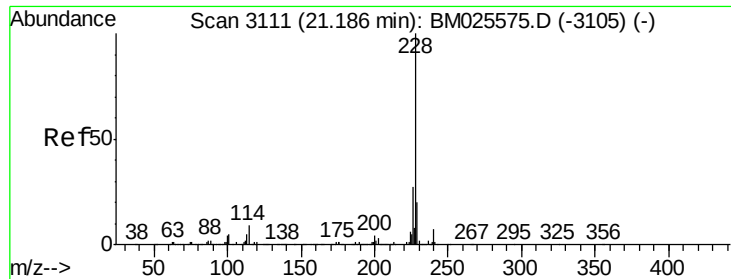
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#80
Pyrene
Concen: 11.011 ng/ul
RT: 19.44 min Scan# 2814
Delta R.T. 0.00 min
Lab File: BM025581.D
Acq: 16 Mar 2020 15:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.9	13.3
100	9.4	7.5	11.3





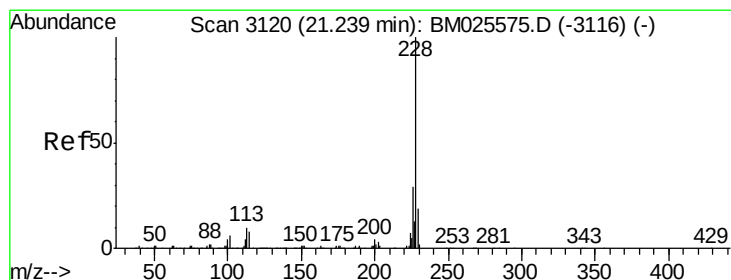
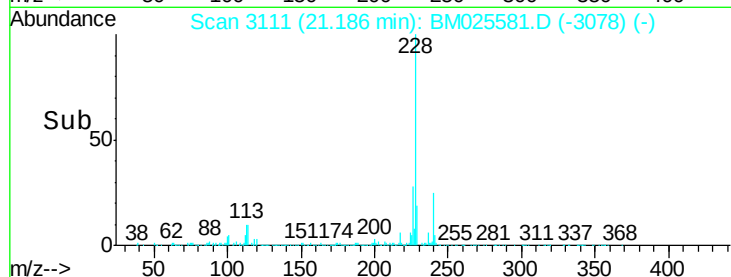
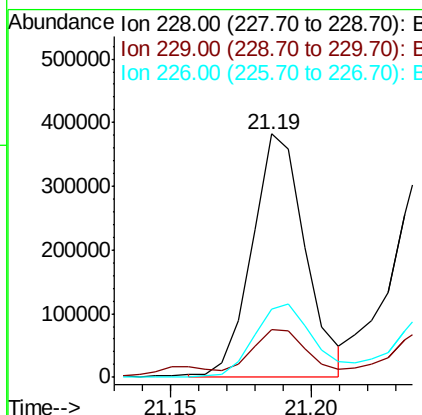
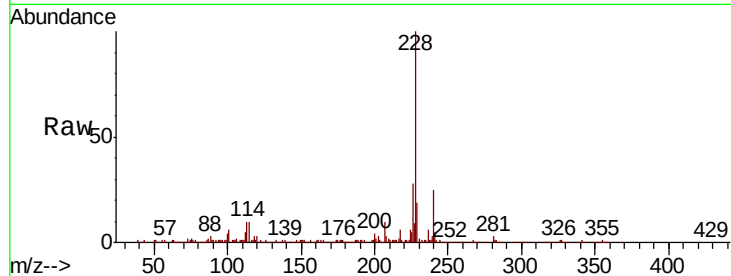
#83
Benzo(a)anthracene
Concen: 5.993 ng/ul
RT: 21.19 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BM025581.D
Acq: 16 Mar 2020 15:45

Instrument :
BNA_M
ClientSampleId :
B0AG0

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.5	23.3
226	28.0	21.0	31.6

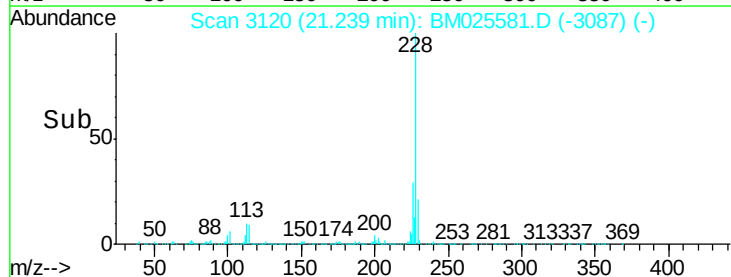
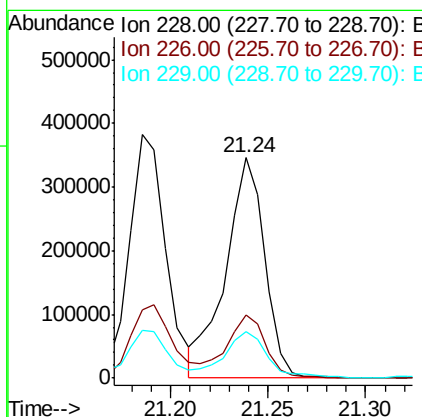
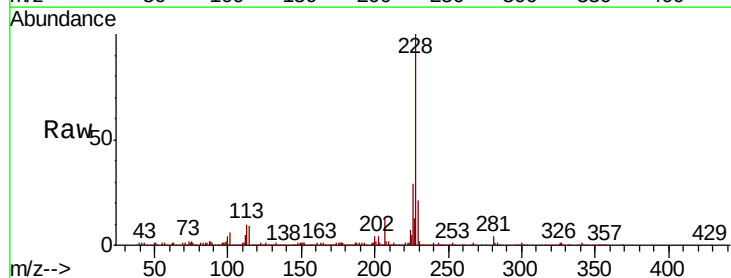
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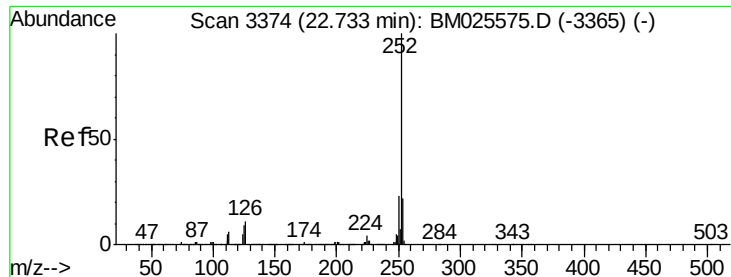
mohammad
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#85
Chrysene
Concen: 5.858 ng/ul
RT: 21.24 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BM025581.D
Acq: 16 Mar 2020 15:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.0
229	21.3	15.6	23.4





#88

Benzo(b)fluoranthene

Concen: 7.416 ng/ul

RT: 22.74 min Scan# 3375

Delta R.T. 0.00 min

Lab File: BM025581.D

Acq: 16 Mar 2020 15:45

Instrument :

BNA_M

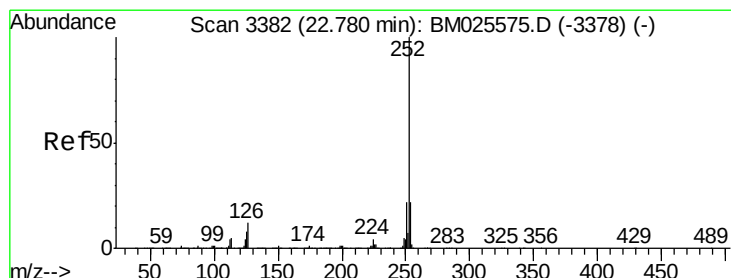
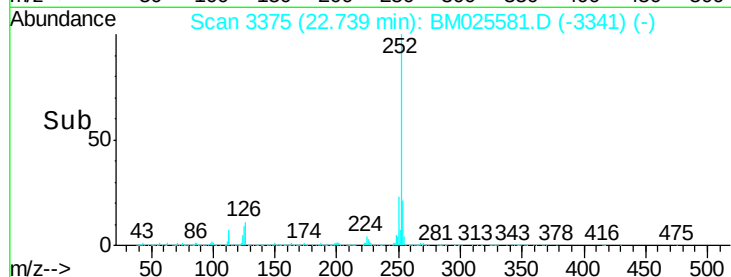
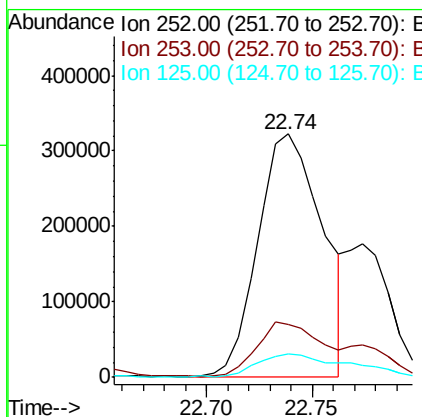
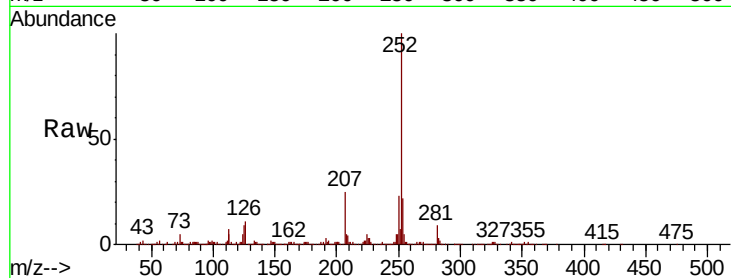
ClientSampleId :

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Tot Ion:	252	Resp:	683474
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.5	26.3
125	9.4	6.7	10.1

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#89

Benzo(k)fluoranthene

Concen: 2.780 ng/ul m

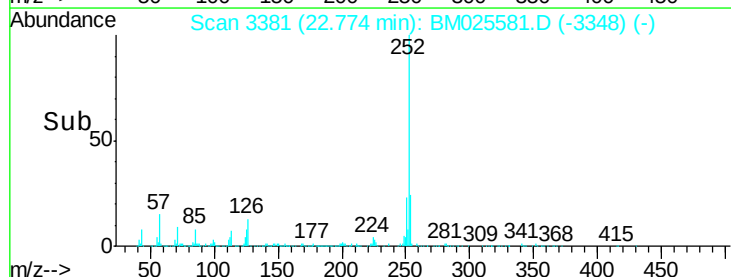
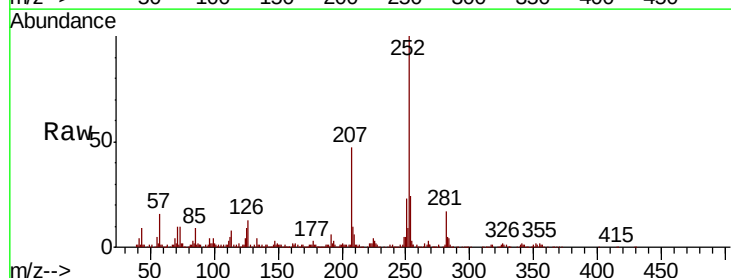
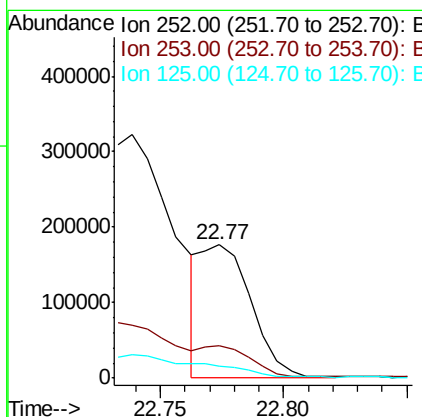
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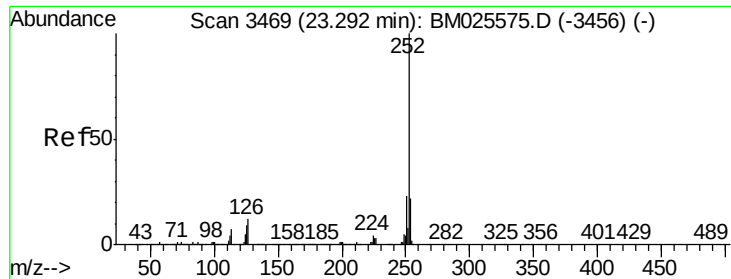
Delta R.T. -0.01 min

Lab File: BM025581.D

Acq: 16 Mar 2020 15:45

Tgt Ion:	252	Resp:	252388
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.7	26.5
125	8.8	6.9	10.3





#91

Benzo(a)pyrene

Concen: 5.726 ng/ul

RT: 23.29 min Scan# 3469

Delta R.T. 0.00 min

Lab File: BM025581.D

Acq: 16 Mar 2020 15:45

Instrument :

BNA_M

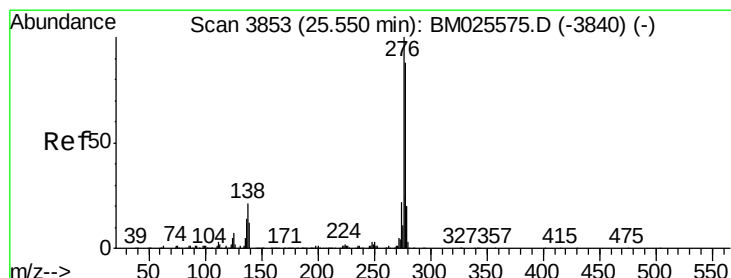
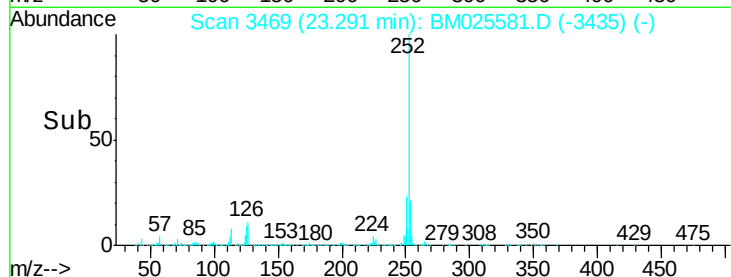
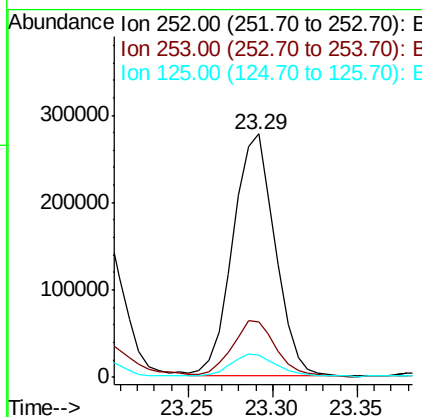
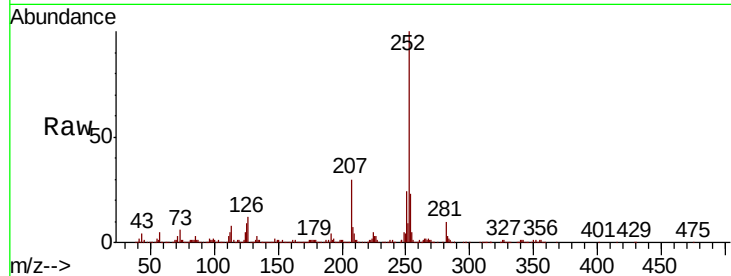
ClientSampled :

B0AG0

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	9.2	7.1	10.7

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#92

Indeno(1,2,3-cd)pyrene

Concen: 3.311 ng/ul

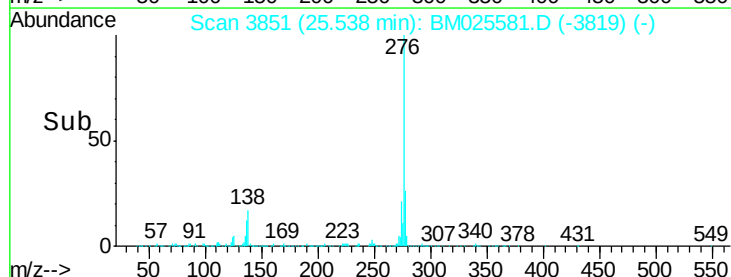
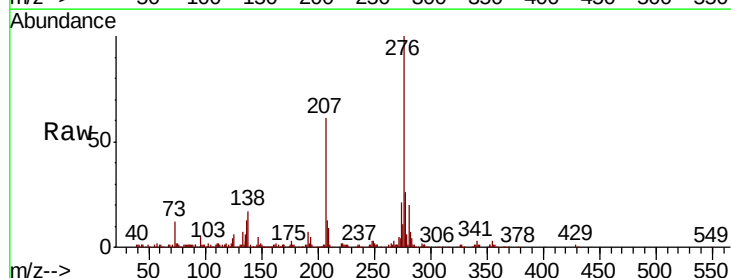
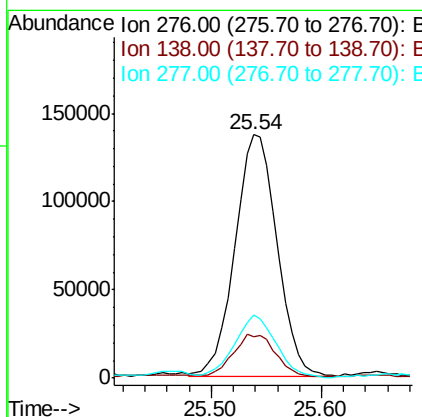
RT: 25.54 min Scan# 3851

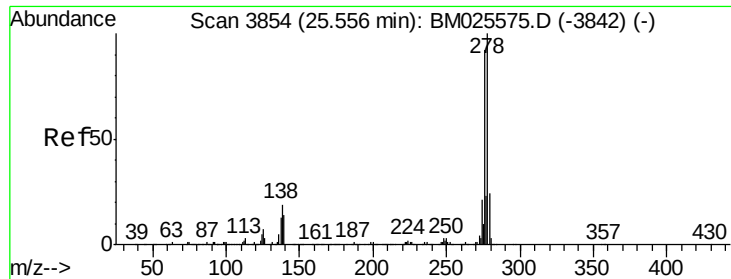
Delta R.T. -0.01 min

Lab File: BM025581.D

Acq: 16 Mar 2020 15:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.2	16.5	24.7
277	25.9	19.7	29.5





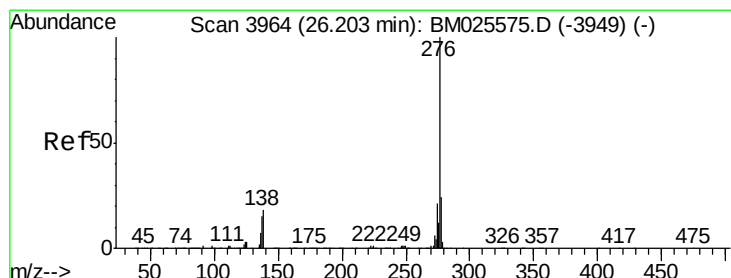
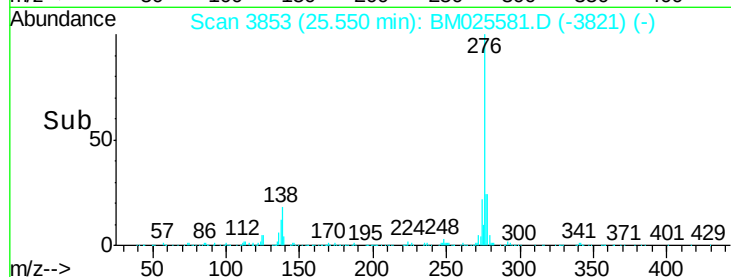
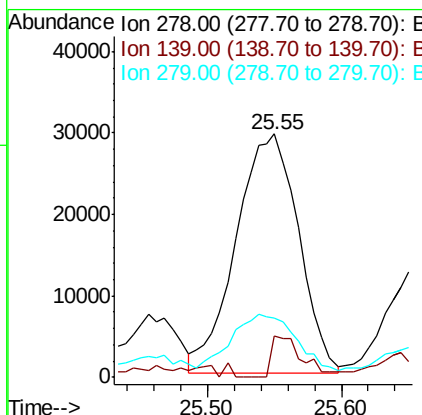
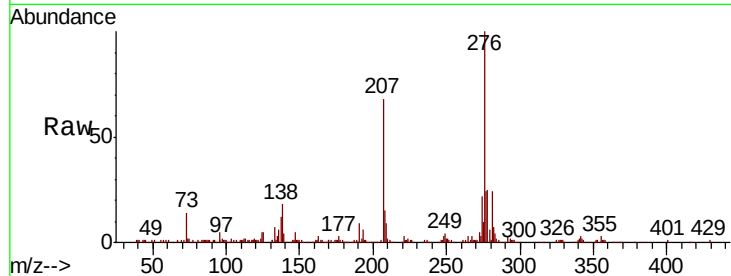
#93
Dibenzo(a,h)anthracene
Concen: 1.014 ng/ul m
RT: 25.55 min Scan# 3853
Delta R.T. -0.01 min
Lab File: BM025581.D
Acq: 16 Mar 2020 15:45

Instrument :
BNA_M
ClientSampleId :
B0AG0

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	10.4	15.6#
279	24.2	18.6	28.0

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#94
Benzo(g,h,i)perylene
Concen: 3.147 ng/ul
RT: 26.20 min Scan# 3964
Delta R.T. -0.01 min
Lab File: BM025581.D
Acq: 16 Mar 2020 15:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.7	13.2	19.8
277	23.0	19.0	28.4

