

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
 Data File : BM025580.D
 Acq On : 16 Mar 2020 15:09
 Operator : CG/JU
 Sample : L1906-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0AG3

Manual Integrations
 APPROVED

mohammad
 3/17/2020 3:10:11 PM

Quant Time: Mar 16 15:44:54 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	200352	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	861028	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	536695	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1101719	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	1017431	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	1174138	20.00	ng/ul	0.00

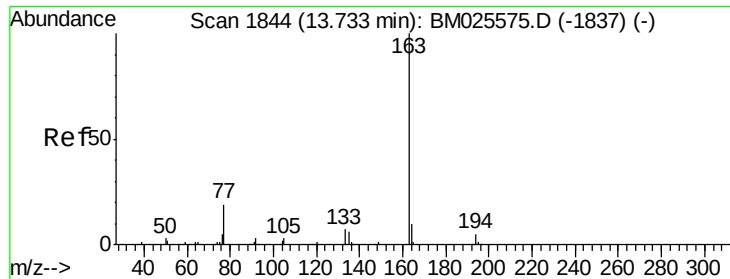
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	21463	4.49	ng/uL	0.00
5) Phenol-d5	6.82	99	439833	27.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	267513	29.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	377068	29.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	353682	27.22	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	191948	29.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	209150	30.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	391511	28.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	466400	28.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1218415	29.87	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1475405	30.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	181558	23.38	ng/ul	0.00
58) Fluorene-d10	15.27	176	1053509	29.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	143144	21.30	ng/ul	0.00
71) Anthracene-d10	17.11	188	1542758	29.98	ng/ul	0.00
79) Pyrene-d10	19.41	212	1697878	34.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.25	264	1973897	32.84	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	13.73	163	244683	5.763	ng/ul 99
48) Acenaphthylene	13.99	152	112473	2.125	ng/ul 98
70) Phenanthrene	17.06	178	454422	7.007	ng/ul 99
72) Anthracene	17.14	178	71740	1.085	ng/ul 99
77) Fluoranthene	19.07	202	1127392	14.749	ng/ul 99
80) Pyrene	19.44	202	1045937	15.307	ng/ul 99
83) Benzo(a)anthracene	21.19	228	567005m	8.453	ng/ul
85) Chrysene	21.24	228	591454	8.987	ng/ul 97
88) Benzo(b)fluoranthene	22.74	252	825980	11.275	ng/ul 97
89) Benzo(k)fluoranthene	22.77	252	328737m	4.555	ng/ul
91) Benzo(a)pyrene	23.29	252	600687	9.010	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.54	276	449361	5.104	ng/ul 97
93) Dibenzo(a,h)anthracene	25.54	278	112129	1.504	ng/ul# 82
94) Benzo(g,h,i)perylene	26.20	276	328302	4.524	ng/ul 98

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



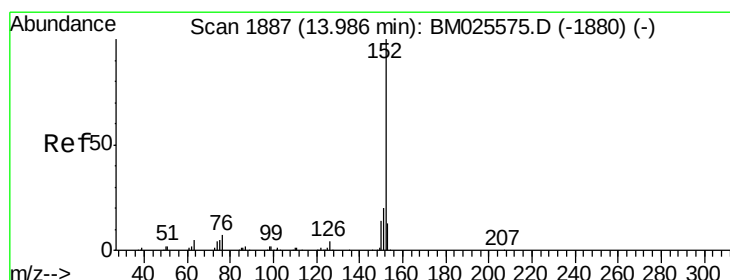
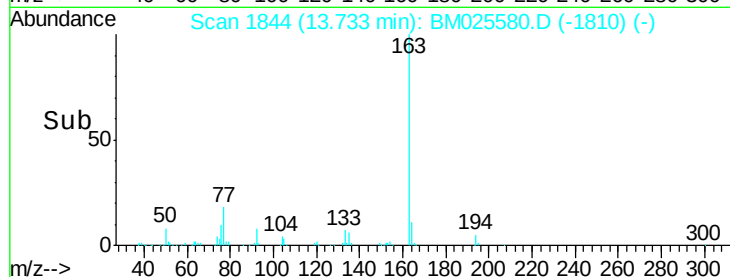
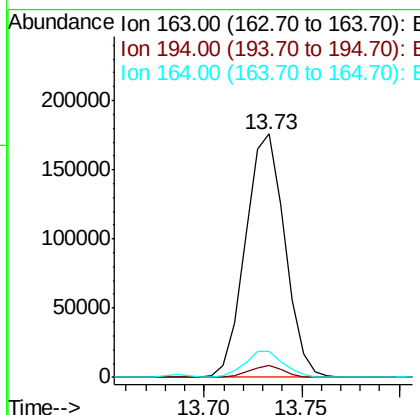
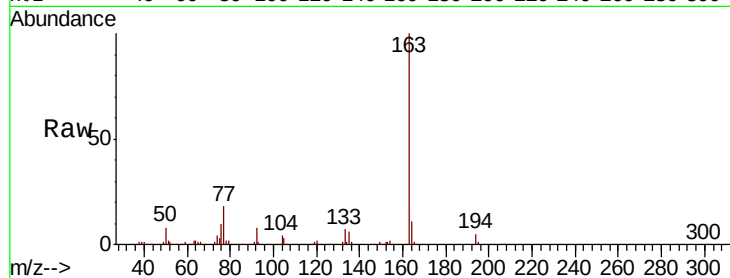
#45
Dimethylphthalate
Concen: 5.763 ng/ul
RT: 13.73 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BM025580.D
Acq: 16 Mar 2020 15:09

Instrument :
BNA_M
ClientSampleId :
B0AG3

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.6	8.2	12.4

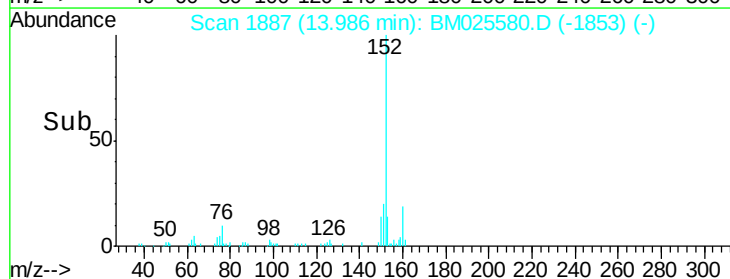
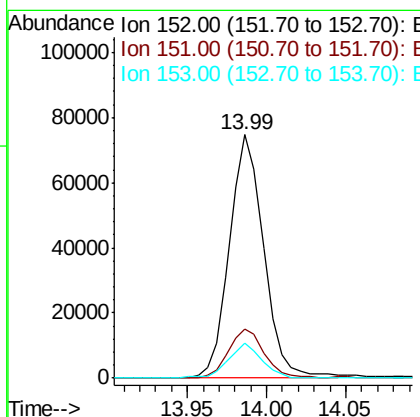
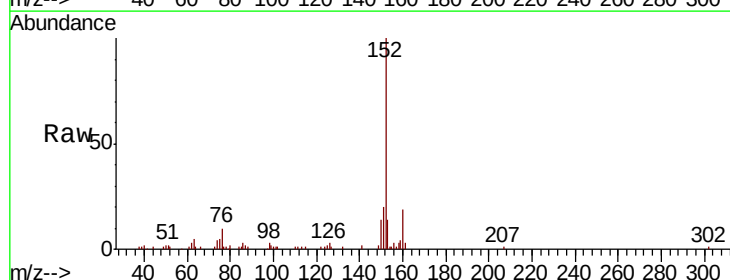
Manual Integrations
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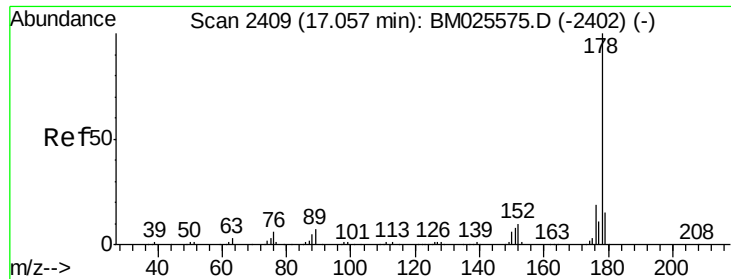
mohammad
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#48
Acenaphthylene
Concen: 2.125 ng/ul
RT: 13.99 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BM025580.D
Acq: 16 Mar 2020 15:09

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	14.4	10.6	16.0





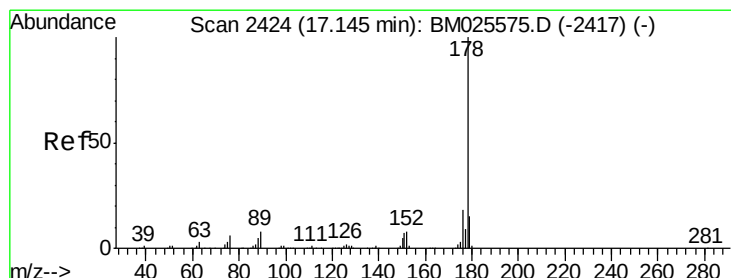
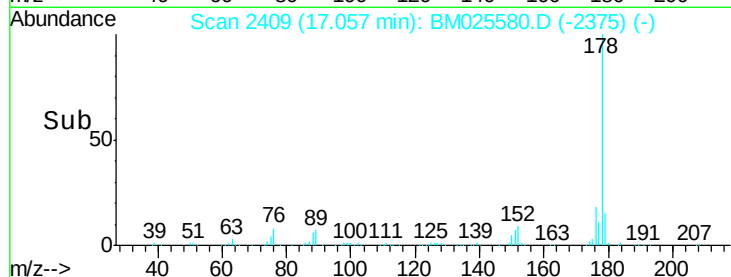
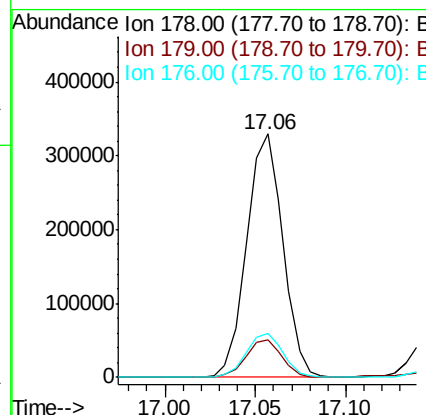
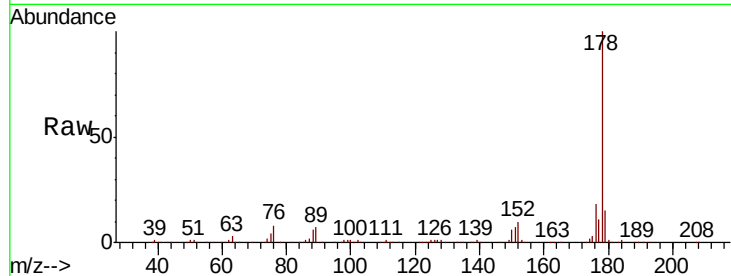
#70
Phenanthrene
Concen: 7.007 ng/ul
RT: 17.06 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BM025580.D
Acq: 16 Mar 2020 15:09

Instrument :
BNA_M
ClientSampled :
B0AG3

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	17.9	15.3	22.9

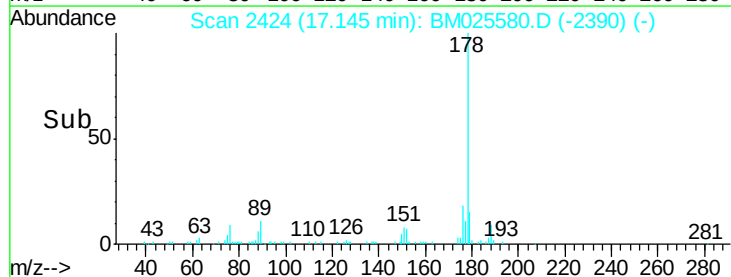
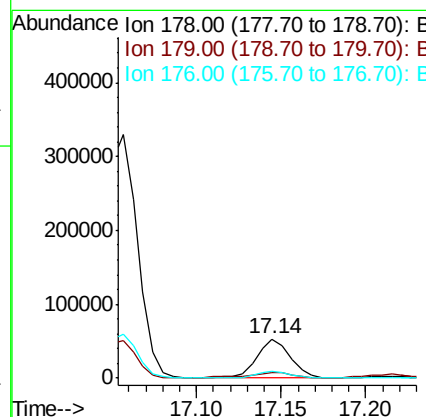
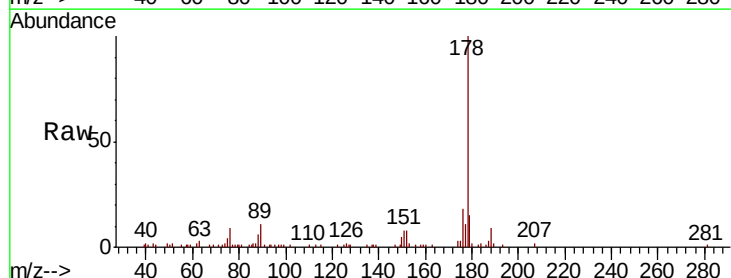
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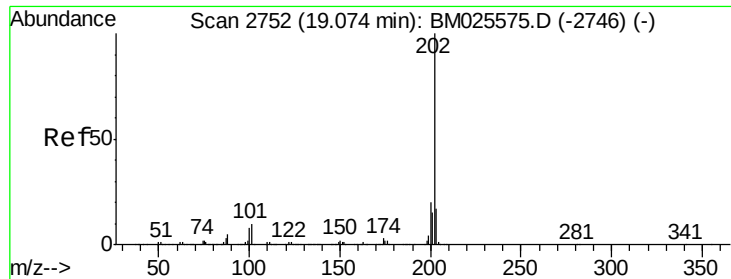
mohammad
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#72
Anthracene
Concen: 1.085 ng/ul
RT: 17.14 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BM025580.D
Acq: 16 Mar 2020 15:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	17.6	14.5	21.7





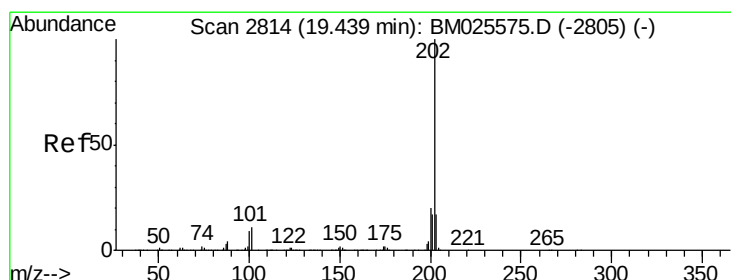
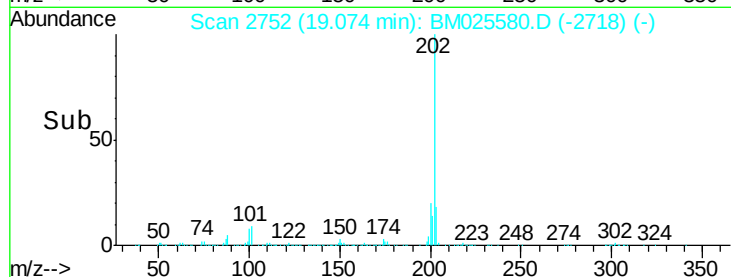
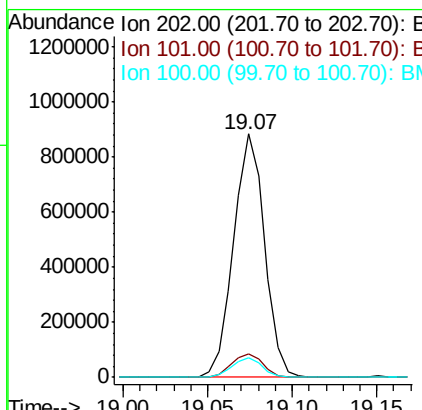
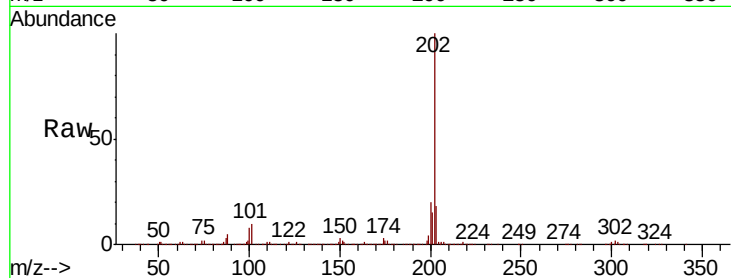
#77
Fluoranthene
 Concen: 14.749 ng/ul
 RT: 19.07 min Scan# 2752
 Delta R.T. -0.00 min
 Lab File: BM025580.D
 Acq: 16 Mar 2020 15:09

Instrument :
 BNA_M
 ClientSampleId :
 B0AG3

Tot	Ion:202	Resp:	1127392
Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.2	12.4
100	8.0	6.5	9.7

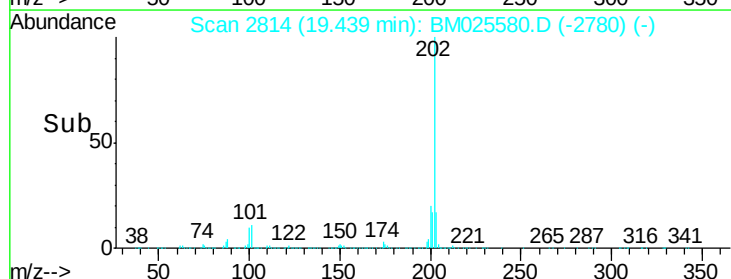
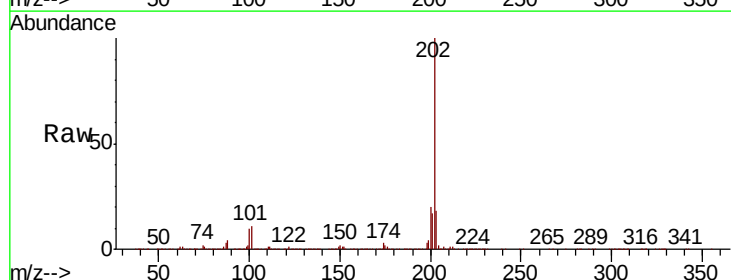
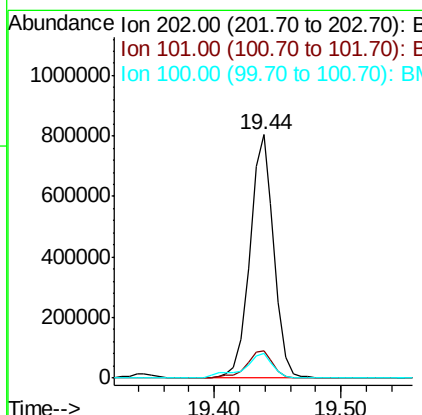
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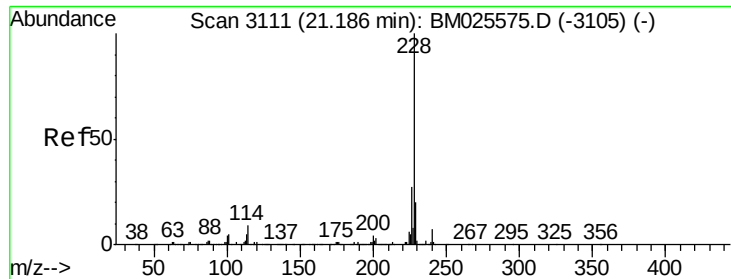
mohammad
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#80
Pyrene
 Concen: 15.307 ng/ul
 RT: 19.44 min Scan# 2814
 Delta R.T. -0.00 min
 Lab File: BM025580.D
 Acq: 16 Mar 2020 15:09

Tgt	Ion:202	Resp:	1045937
Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.9	13.3
100	10.0	7.5	11.3





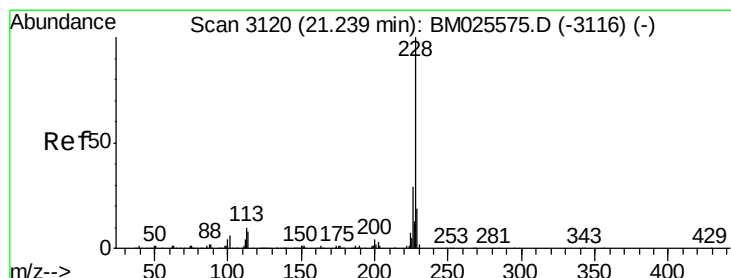
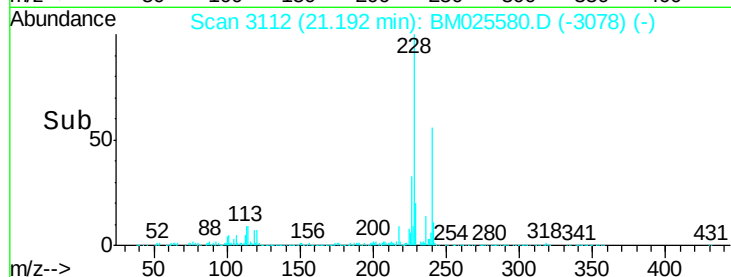
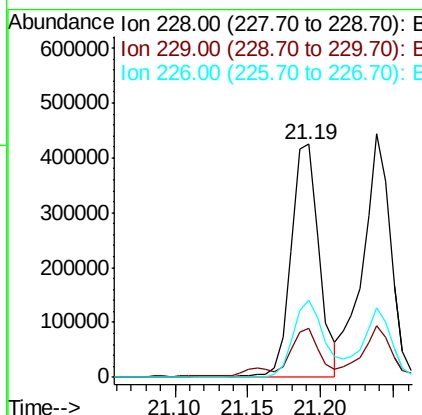
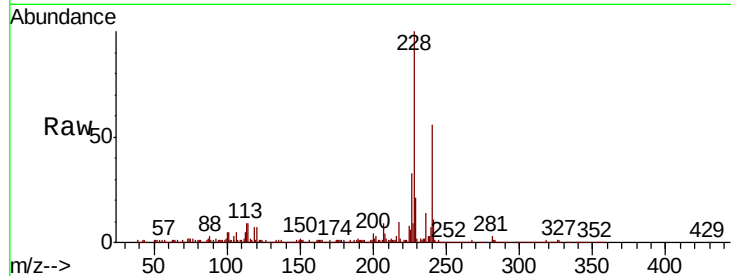
#83
Benzo(a)anthracene
Concen: 8.453 ng/ul m
RT: 21.19 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BM025580.D
Acq: 16 Mar 2020 15:09

Instrument :
BNA_M
ClientSampleId :
B0AG3

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.5	23.3
226	33.4	21.0	31.6

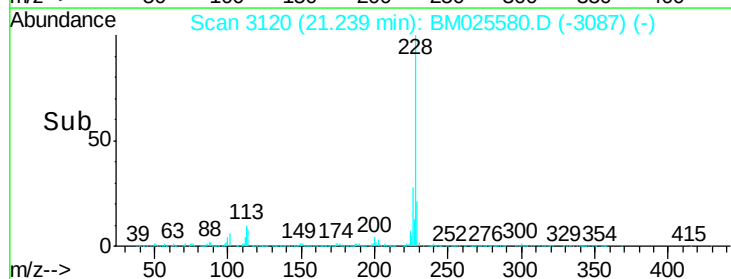
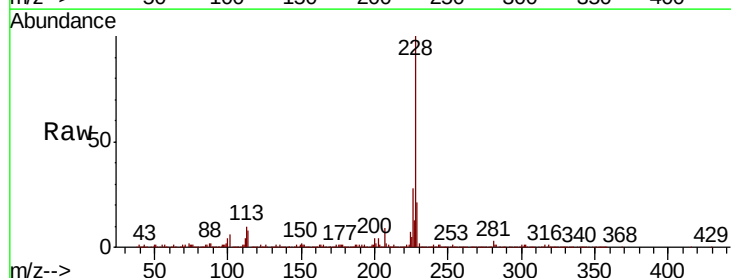
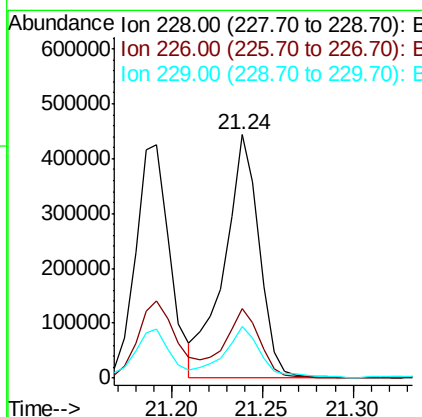
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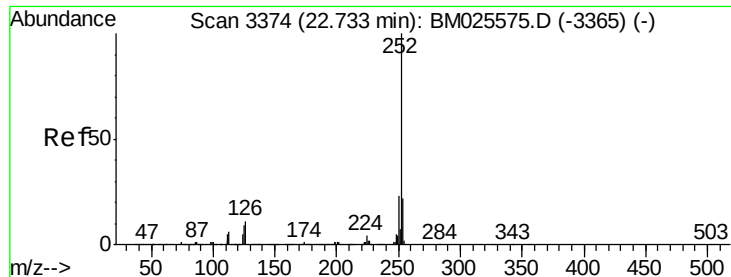
mohammad
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#85
Chrysene
Concen: 8.987 ng/ul
RT: 21.24 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BM025580.D
Acq: 16 Mar 2020 15:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.4	35.0
229	21.3	15.6	23.4





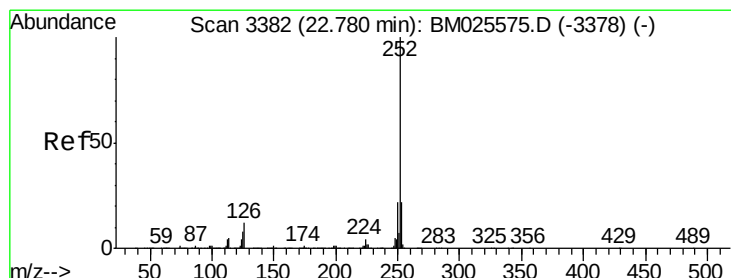
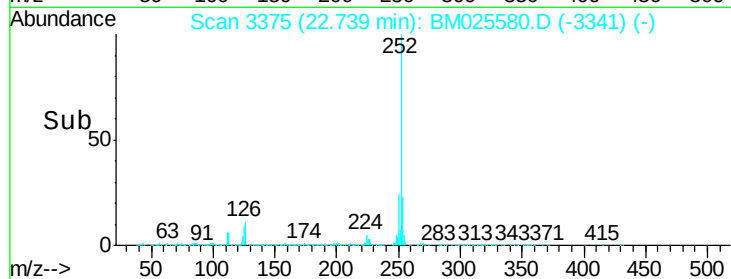
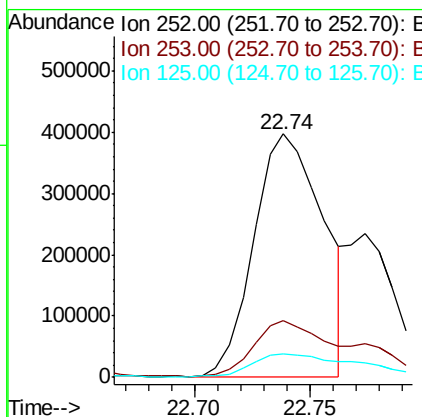
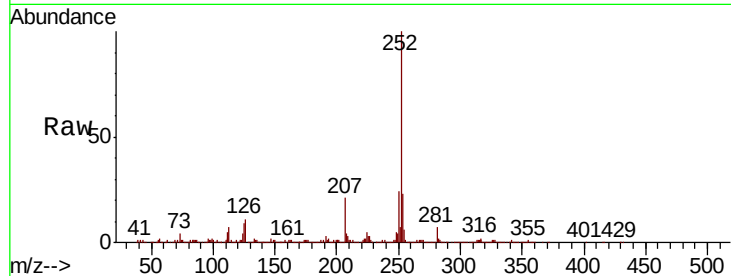
#88
Benzo(b)fluoranthene
Concen: 11.275 ng/ul
RT: 22.74 min Scan# 3375
Delta R.T. -0.00 min
Lab File: BM025580.D
Acq: 16 Mar 2020 15:09

Instrument :
BNA_M
ClientSampleId :
B0AG3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	9.5	6.7	10.1

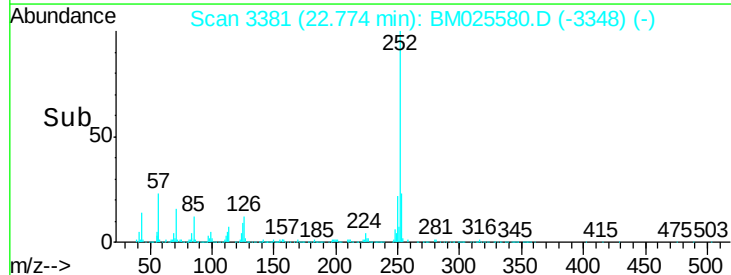
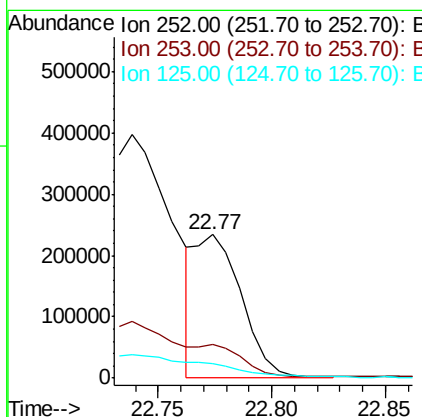
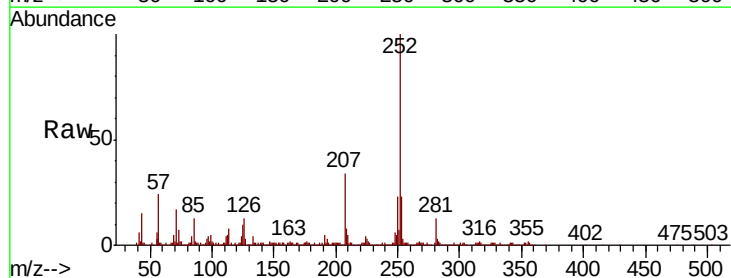
Manual Integrations
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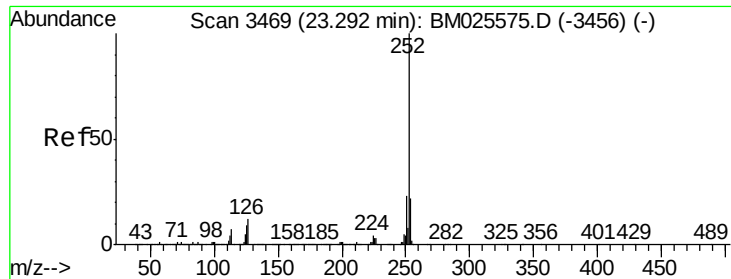
mohammad
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#89
Benzo(k)fluoranthene
Concen: 4.555 ng/ul m
RT: 22.77 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BM025580.D
Acq: 16 Mar 2020 15:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	9.7	6.9	10.3





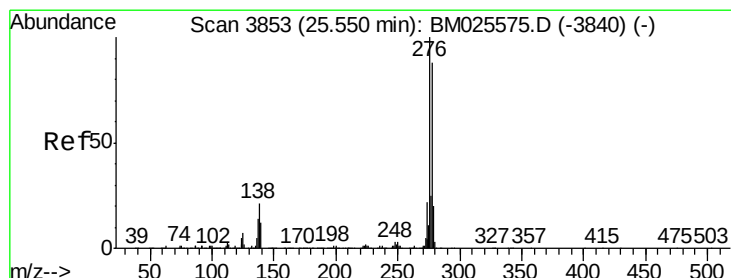
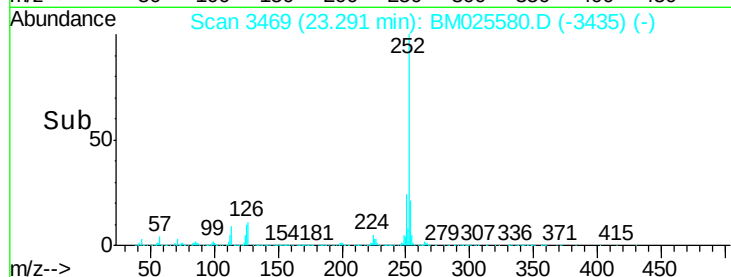
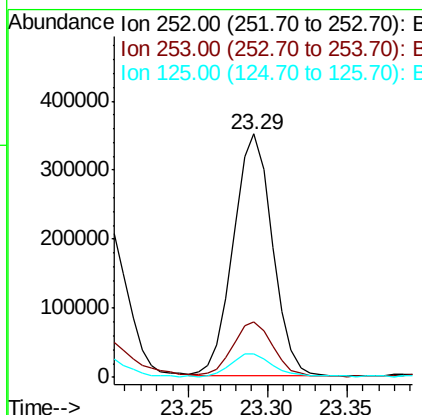
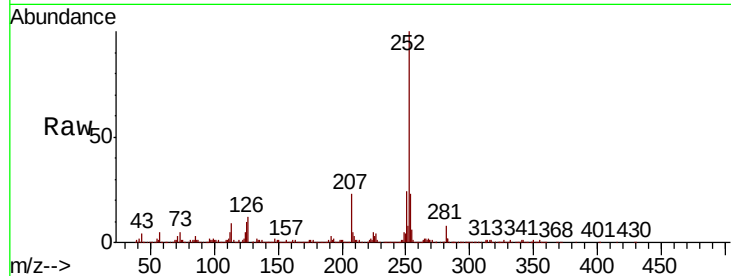
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Benzo(a)pyrene
Concen: 9.010 ng/ul
RT: 23.29 min Scan# 3469
Delta R.T. -0.00 min
Lab File: BM025580.D
Acq: 16 Mar 2020 15:09

Instrument :
BNA_M
ClientSampleId :
B0AG3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	9.8	7.1	10.7

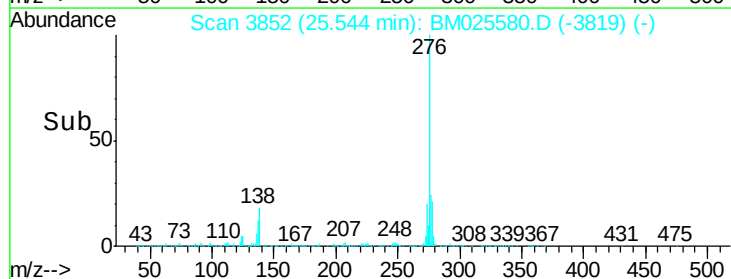
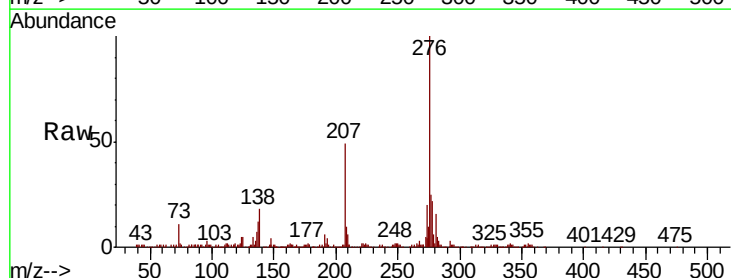
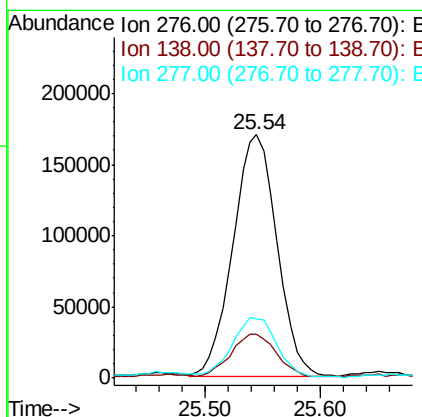
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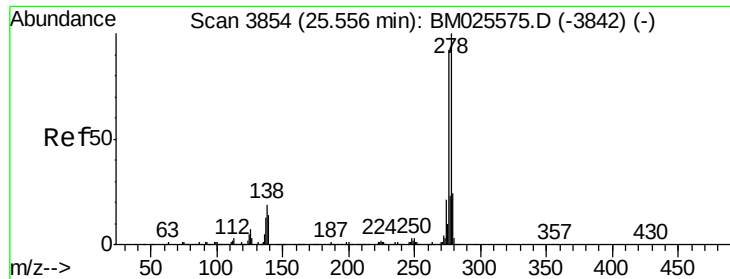
mohammad
3/17/2020 3:10:11 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 5.104 ng/ul
RT: 25.54 min Scan# 3852
Delta R.T. -0.01 min
Lab File: BM025580.D
Acq: 16 Mar 2020 15:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.9	16.5	24.7
277	24.6	19.7	29.5





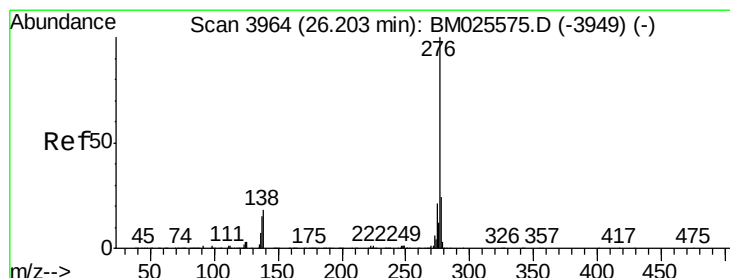
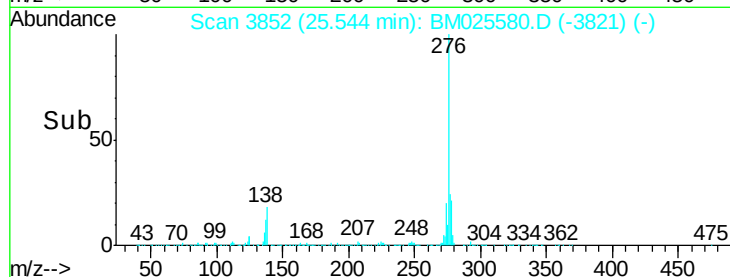
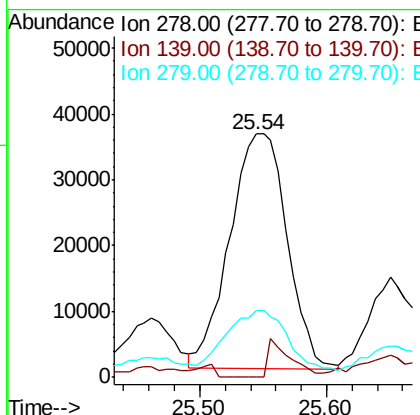
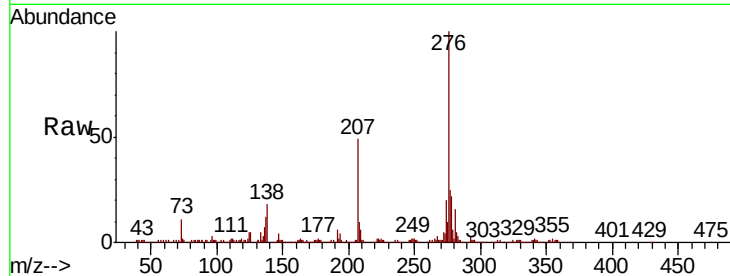
#93
Dibenzo(a,h)anthracene
Concen: 1.504 ng/ul
RT: 25.54 min Scan# 3852
Delta R.T. -0.02 min
Lab File: BM025580.D
Acq: 16 Mar 2020 15:09

Instrument :
BNA_M
ClientSampleId :
B0AG3

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.4	15.6#
279	27.7	18.6	28.0

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 4.524 ng/ul
RT: 26.20 min Scan# 3963
Delta R.T. -0.01 min
Lab File: BM025580.D
Acq: 16 Mar 2020 15:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.9	13.2	19.8
277	23.1	19.0	28.4

