

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
 Data File : BM028214.D
 Acq On : 21 Dec 2020 18:39
 Operator : JU/CG
 Sample : L5110-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A54M7

Manual Integrations
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mohammad
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Quant Time: Dec 22 01:59:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 22 00:19:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	135944	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	542170	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	288834	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	555152	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	511368	20.00	ng/ul	0.00
86) Perylene-d12	24.03	264	535576	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	6305	1.84	ng/uL	0.00
5) Phenol-d5	7.34	99	118663	10.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	76768	10.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	104086	10.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	88912	9.52	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	45851	10.78	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	46836	10.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	83842	9.57	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	99974	9.62	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	242208	10.88	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	311589	11.16	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	14502	3.58	ng/ul	0.00
58) Fluorene-d10	15.81	176	210067	10.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	14372	4.35	ng/ul	0.00
71) Anthracene-d10	17.64	188	306084	11.11	ng/ul	0.00
79) Pyrene-d10	19.90	212	334875	11.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.88	264	337302	11.43	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	11.08	128	37695	1.226 ng/ul	97
50) Acenaphthene	14.89	153	58337	2.872 ng/ul	99
54) Dibenzofuran	15.22	168	66577	2.395 ng/ul	96
59) Fluorene	15.86	166	64285	2.770 ng/ul	99
70) Phenanthrene	17.59	178	1116377	33.217 ng/ul	100
72) Anthracene	17.68	178	247744	7.244 ng/ul	99
75) Carbazole	17.94	167	113114	3.965 ng/ul	99
77) Fluoranthene	19.57	202	1261550	35.565 ng/ul	98
80) Pyrene	19.93	202	1100557	28.559 ng/ul	100
83) Benzo(a)anthracene	21.64	228	514524	15.011 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	24292	1.183 ng/ul	97
85) Chrysene	21.70	228	462976	13.744 ng/ul	97
88) Benzo(b)fluoranthene	23.32	252	537746	14.850 ng/ul	97
89) Benzo(k)fluoranthene	23.36	252	176401m	4.912 ng/ul	
91) Benzo(a)pyrene	23.93	252	396904	12.161 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.46	276	250070	6.709 ng/ul#	93
93) Dibenzo(a,h)anthracene	26.46	278	63262	2.002 ng/ul#	79
94) Benzo(g,h,i)perylene	27.20	276	206658	6.601 ng/ul	99

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

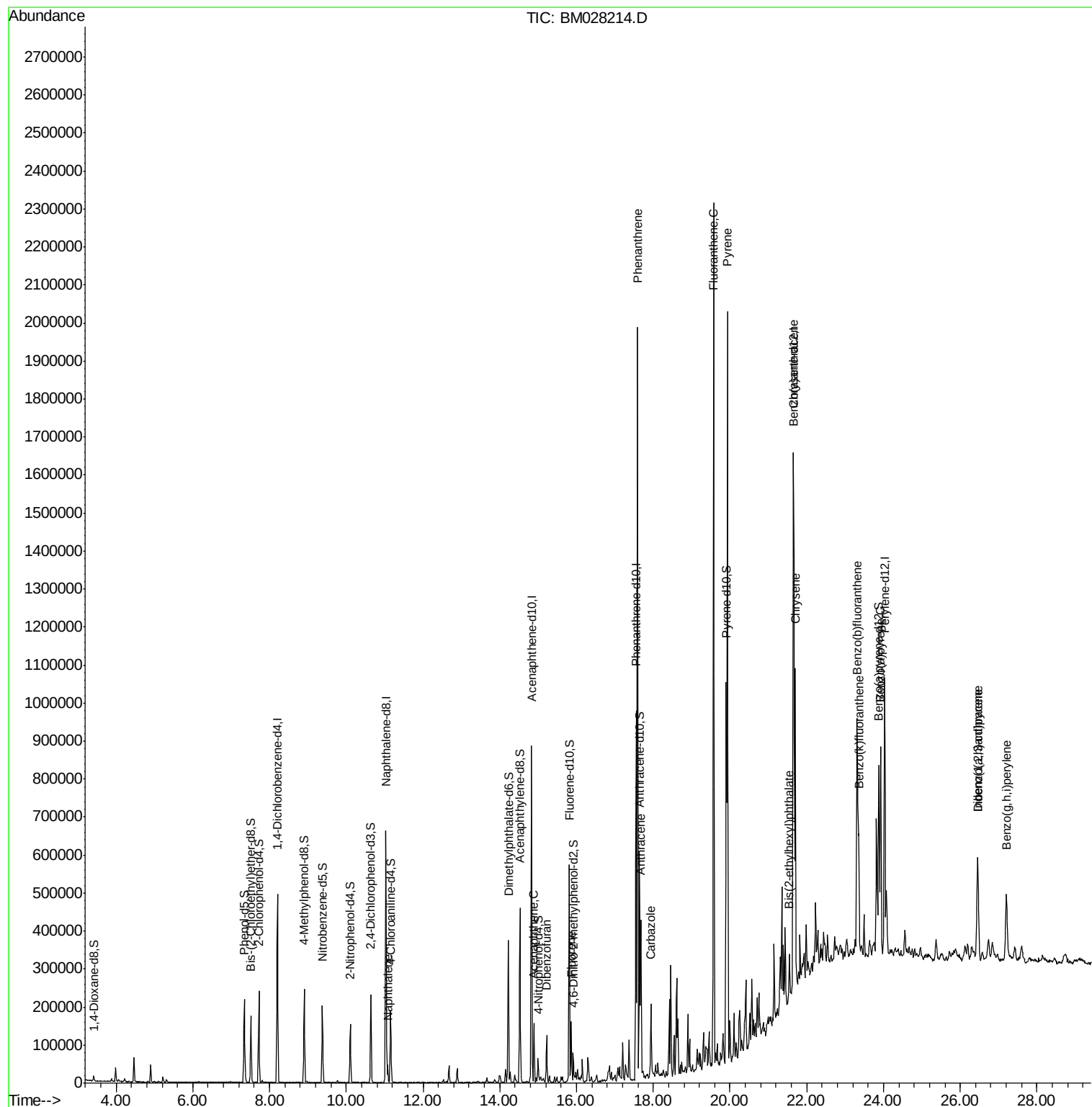
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
Data File : BM028214.D
Acq On : 21 Dec 2020 18:39
Operator : JU/CG
Sample : L5110-18
Misc :
ALS Vial : 10 Sample Multiplier: 1

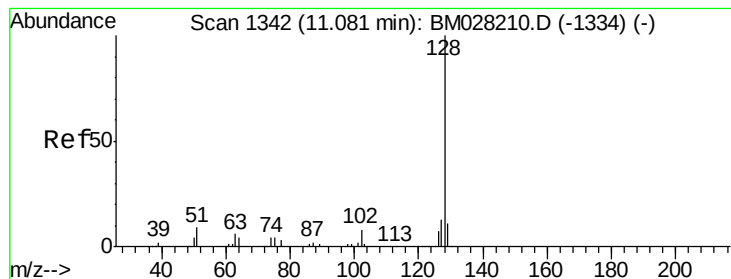
Instrument :
BNA_M
ClientSampleId :
A54M7

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Quant Time: Dec 22 01:59:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 00:19:09 2020
Response via : Initial Calibration





#28

Naphthalene

Concen: 1.226 ng/ul

RT: 11.08 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BM028214.D

Acq: 21 Dec 2020 18:39

Instrument :

BNA_M

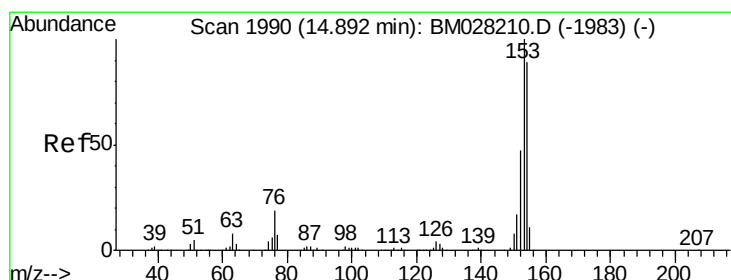
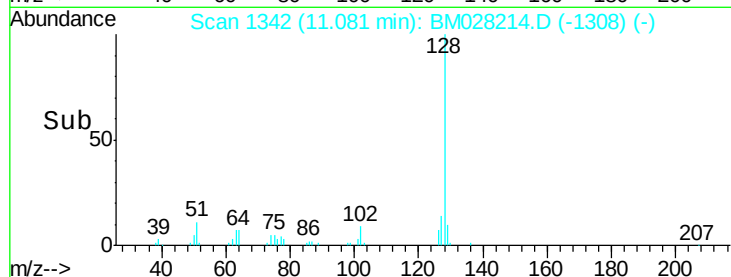
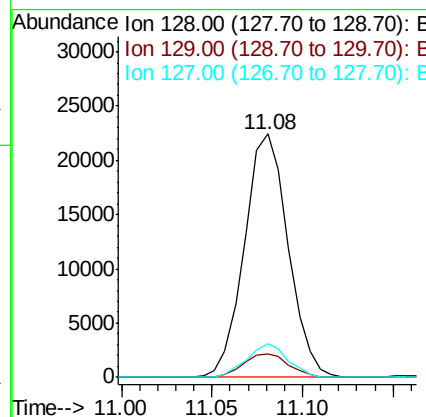
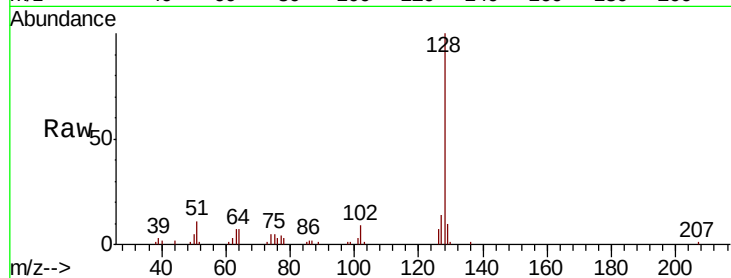
ClientSampleId :

A54M7

Tot Ion:	128	Resp:	37695
Ion	Ratio	Lower	Upper
128	100		
129	9.7	8.7	13.1
127	13.6	10.2	15.4

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#50

Acenaphthene

Concen: 2.872 ng/ul

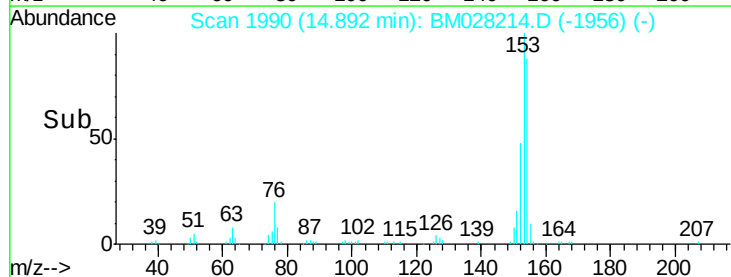
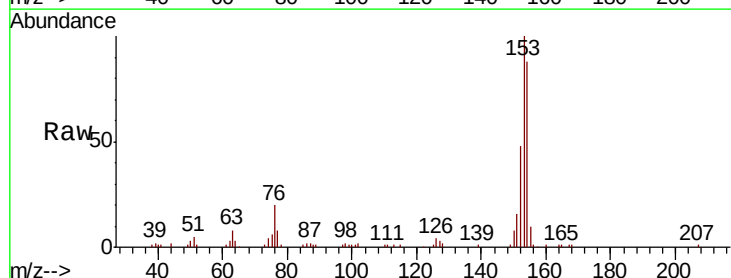
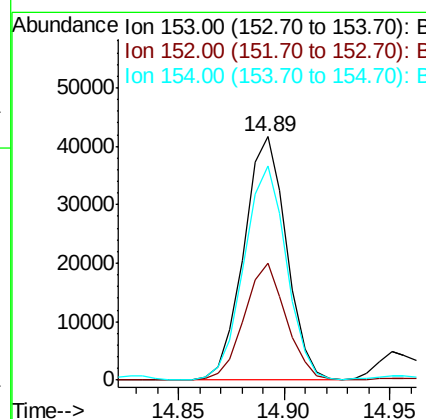
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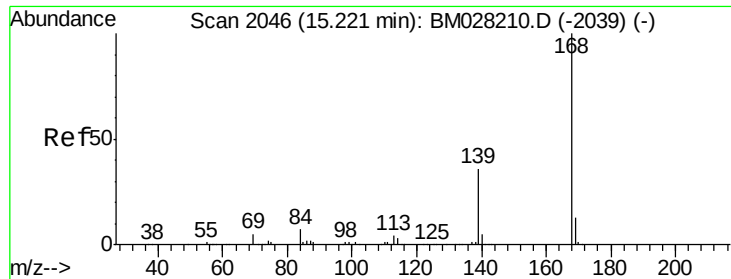
Delta R.T. -0.00 min

Lab File: BM028214.D

Acq: 21 Dec 2020 18:39

Tgt Ion:	153	Resp:	58337
Ion	Ratio	Lower	Upper
153	100		
152	48.2	36.7	55.1
154	87.9	70.6	106.0





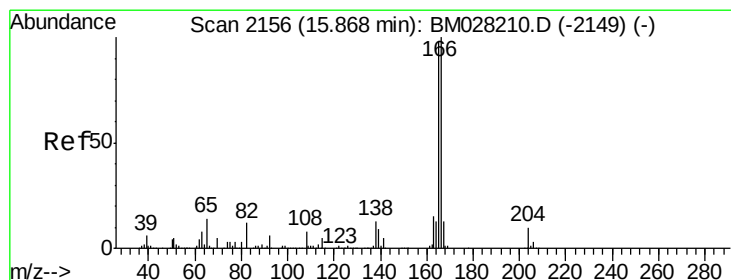
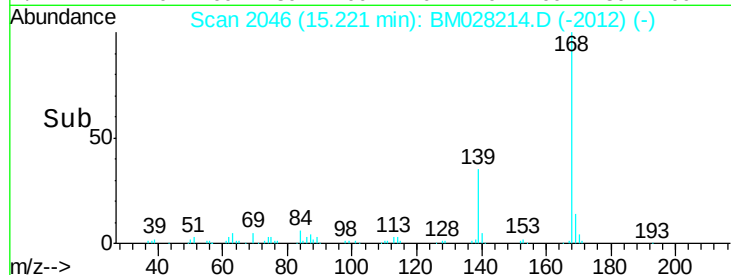
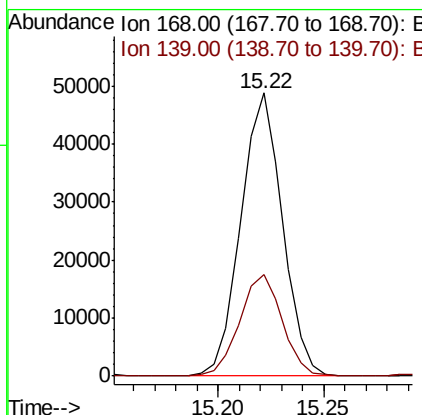
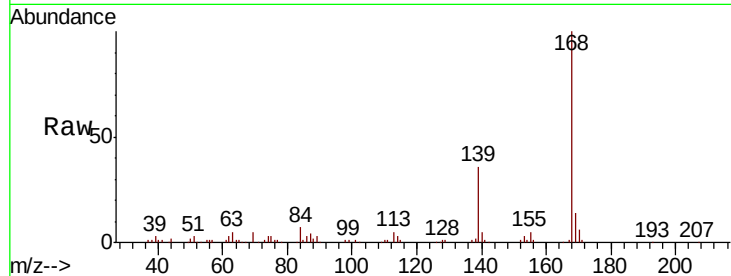
#54
Dibenzenofuran
Concen: 2.395 ng/ul
RT: 15.22 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BM028214.D
Acq: 21 Dec 2020 18:39

Instrument :
BNA_M
ClientSampled :
A54M7

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.7	30.6	45.8

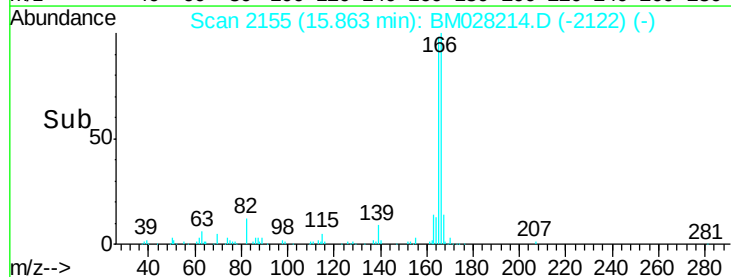
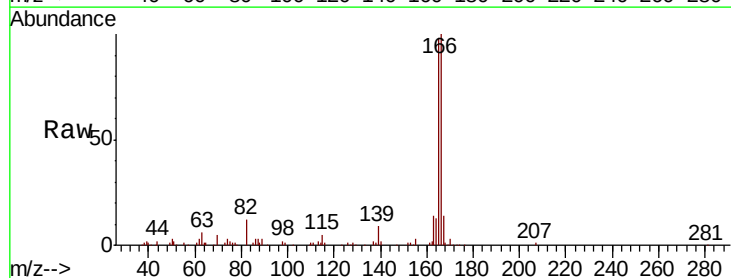
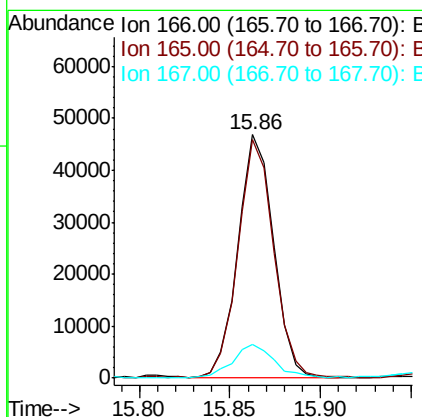
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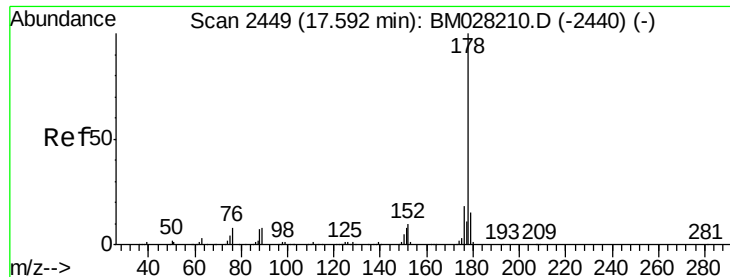
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#59
Fluorene
Concen: 2.770 ng/ul
RT: 15.86 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BM028214.D
Acq: 21 Dec 2020 18:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.4	116.2
167	13.9	10.9	16.3





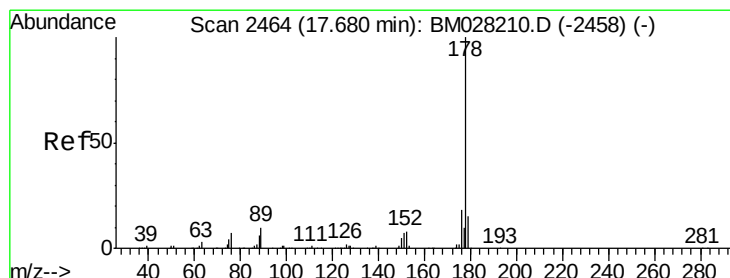
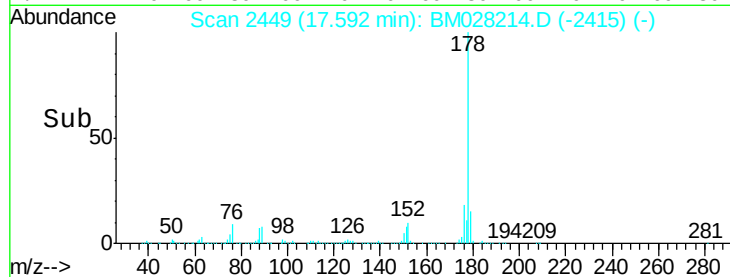
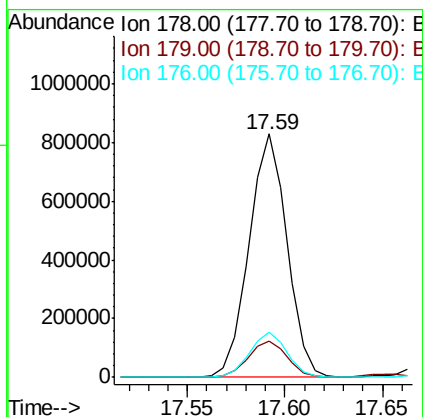
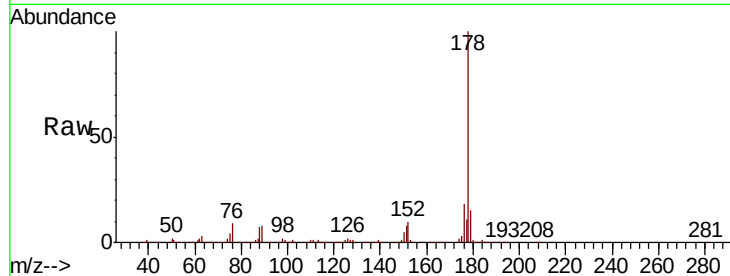
#70
Phenanthrene
Concen: 33.217 ng/ul
RT: 17.59 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BM028214.D
Acq: 21 Dec 2020 18:39

Instrument :
BNA_M
ClientSampleId :
A54M7

Tot Ion:178 Resp: 1116377
Ion Ratio Lower Upper
178 100
179 15.0 12.2 18.2
176 18.4 14.9 22.3

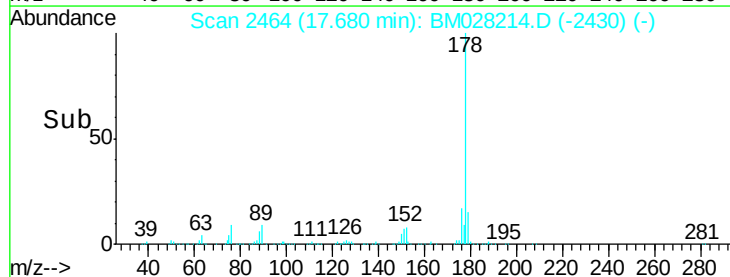
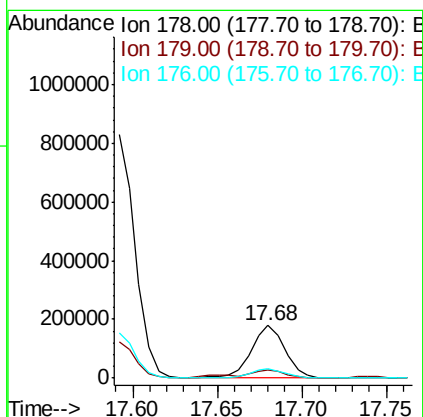
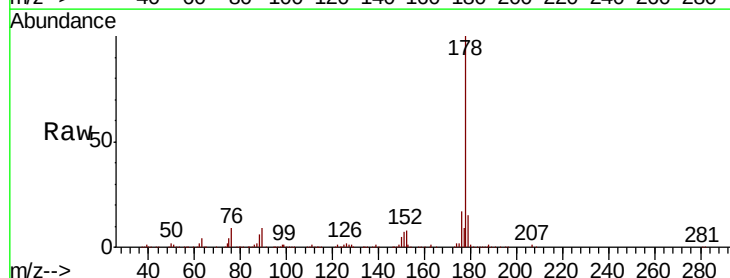
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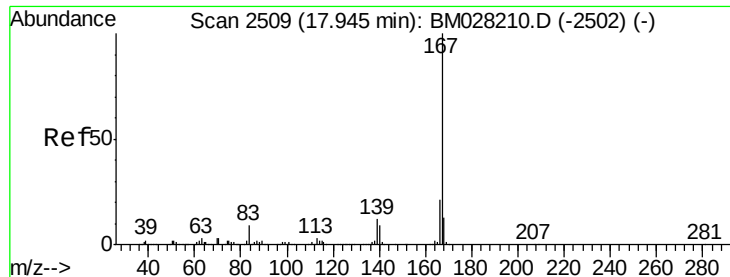
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#72
Anthracene
Concen: 7.244 ng/ul
RT: 17.68 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BM028214.D
Acq: 21 Dec 2020 18:39

Tgt Ion:178 Resp: 247744
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 17.1 14.0 21.0





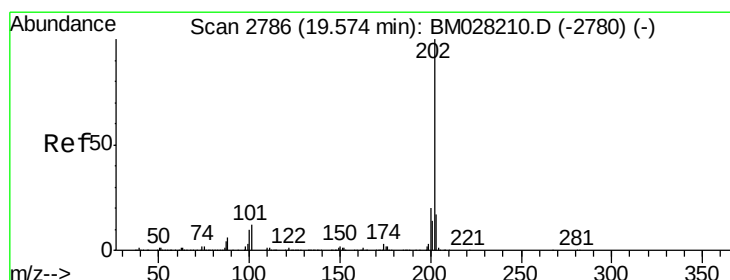
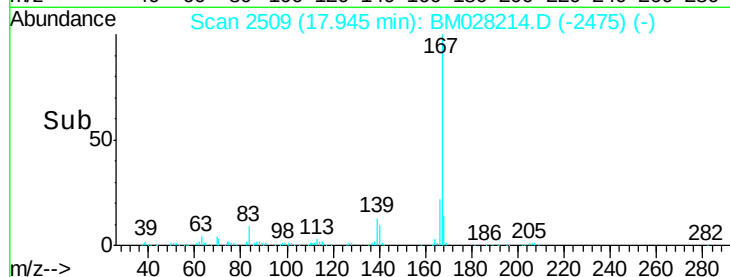
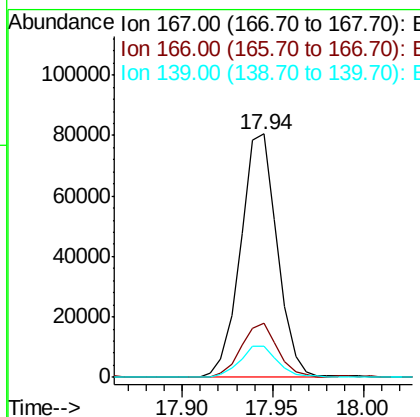
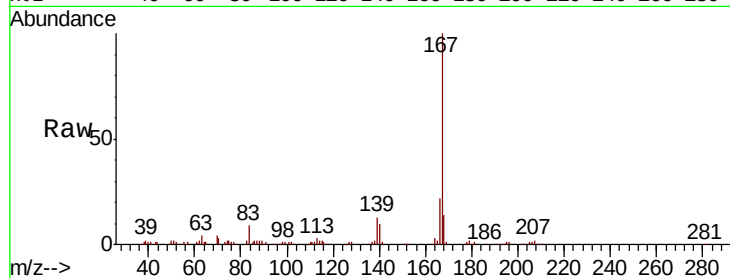
#75
 Carbazole
 Concen: 3.965 ng/ul
 RT: 17.94 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: BM028214.D
 Acq: 21 Dec 2020 18:39

Instrument :
 BNA_M
 ClientSampled :
 A54M7

Tot Ion:	167	Resp:	113114
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.0	25.6
139	12.6	10.2	15.4

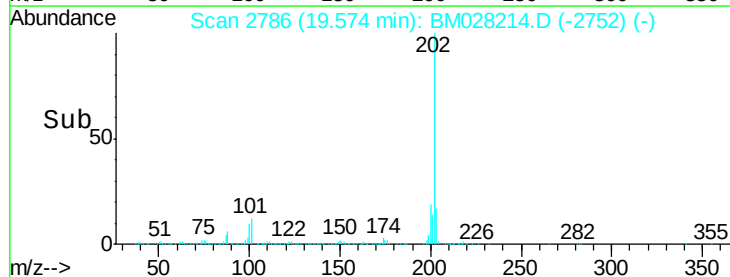
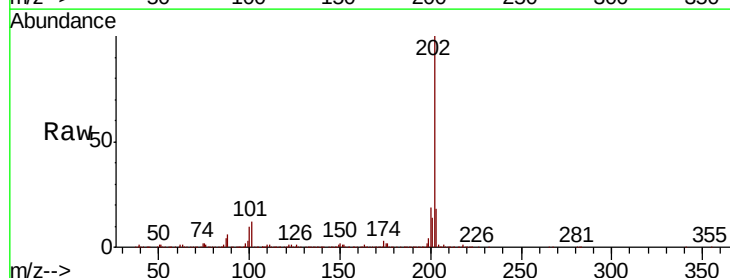
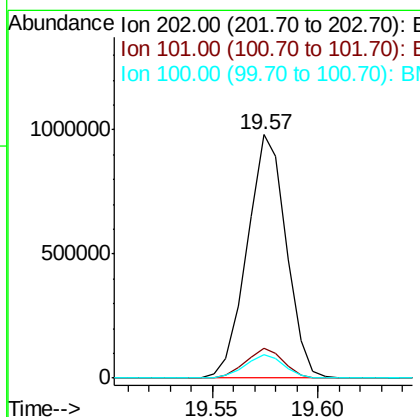
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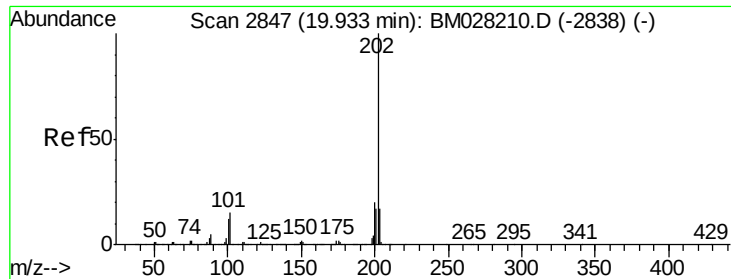
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#77
 Fluoranthene
 Concen: 35.565 ng/ul
 RT: 19.57 min Scan# 2786
 Delta R.T. 0.00 min
 Lab File: BM028214.D
 Acq: 21 Dec 2020 18:39

Tgt Ion:	202	Resp:	1261550
Ion Ratio	Lower	Upper	
202	100		
101	12.4	9.2	13.8
100	9.8	7.1	10.7





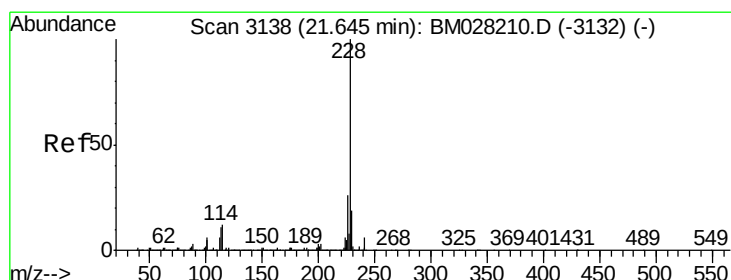
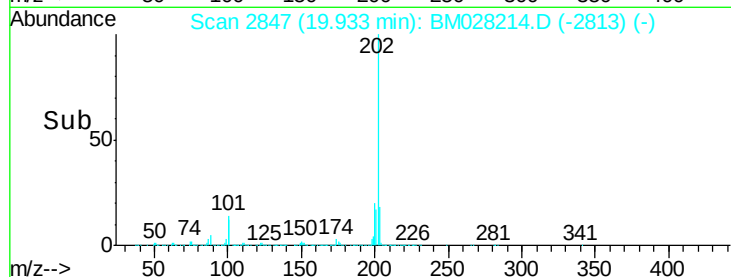
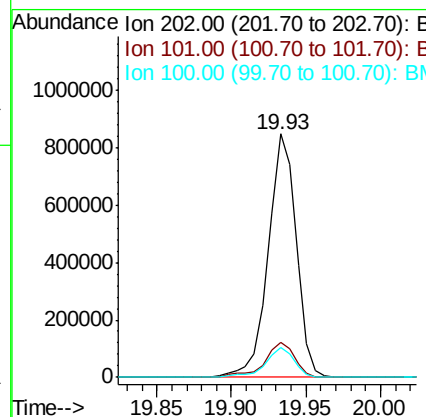
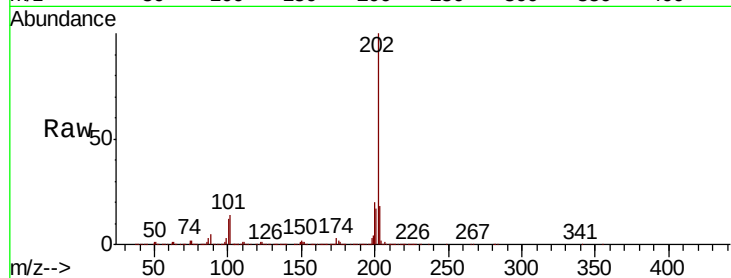
#80
Pvrene
Concen: 28.559 ng/ul
RT: 19.93 min Scan# 2847
Delta R.T. 0.00 min
Lab File: BM028214.D
Acq: 21 Dec 2020 18:39

Instrument :
BNA_M
ClientSampleId :
A54M7

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.4	11.5	17.3
100	12.3	9.9	14.9

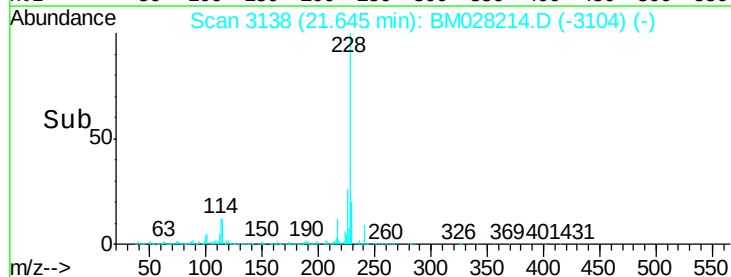
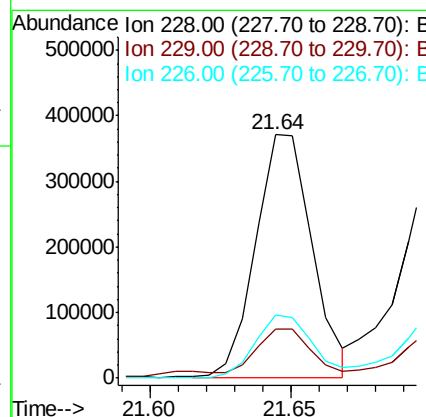
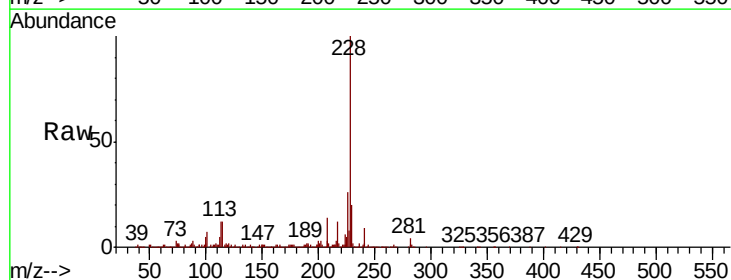
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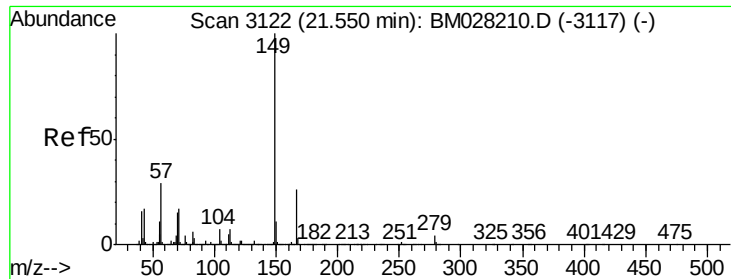
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#83
Benzo(a)anthracene
Concen: 15.011 ng/ul
RT: 21.64 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BM028214.D
Acq: 21 Dec 2020 18:39

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.5	23.3
226	26.2	20.6	31.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.183 ng/ul

RT: 21.55 min Scan# 3122

Delta R.T. 0.00 min

Lab File: BM028214.D

Acq: 21 Dec 2020 18:39

Instrument :

BNA_M

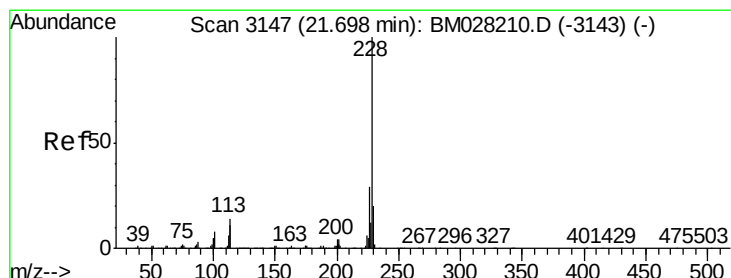
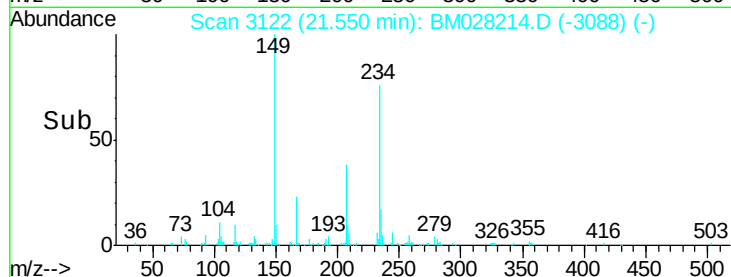
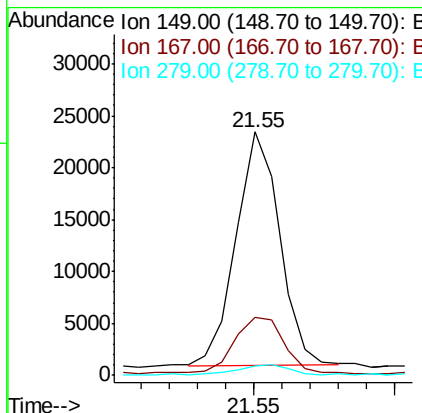
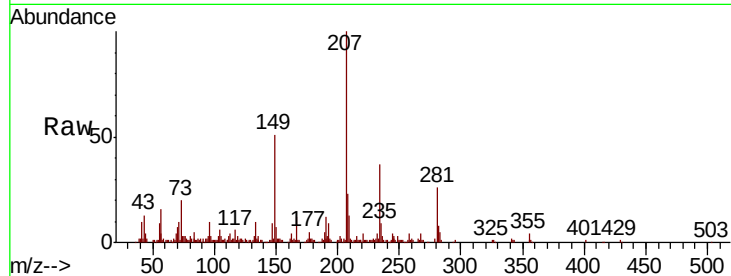
ClientSampleId :

A54M7

Tot Ion:	149	Resp:	24292
Ion Ratio	Lower	Upper	
149	100		
167	23.9	20.5	30.7
279	3.8	2.9	4.3

Manual Integrations
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#85

Chrysene

Concen: 13.744 ng/ul

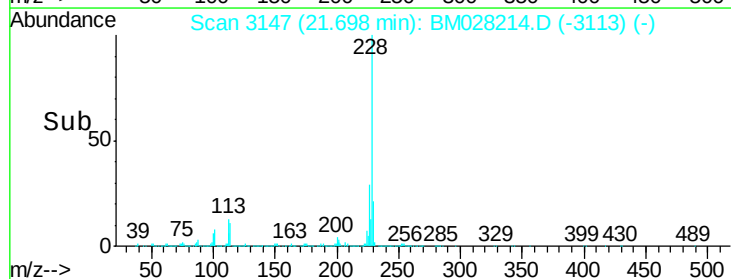
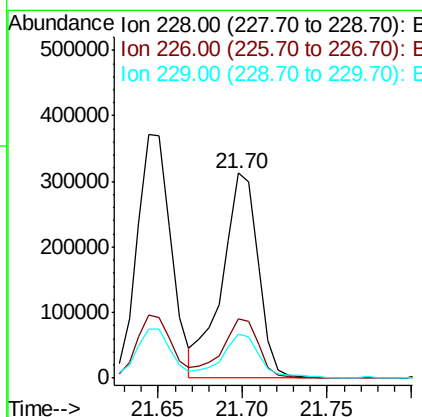
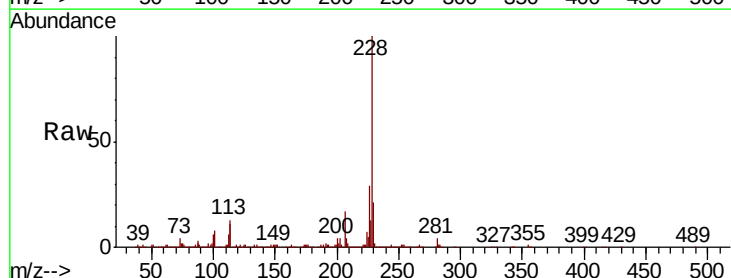
RT: 21.70 min Scan# 3147

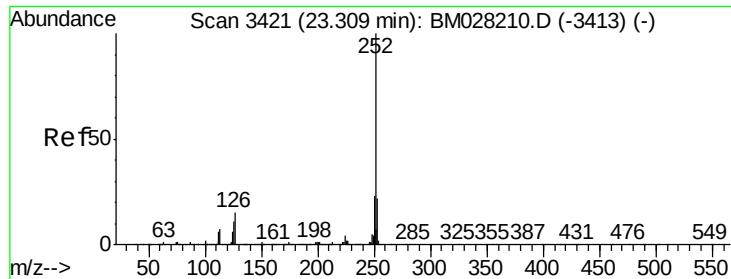
Delta R.T. 0.00 min

Lab File: BM028214.D

Acq: 21 Dec 2020 18:39

Tgt Ion:	228	Resp:	462976
Ion Ratio	Lower	Upper	
228	100		
226	28.9	22.4	33.6
229	21.4	15.5	23.3





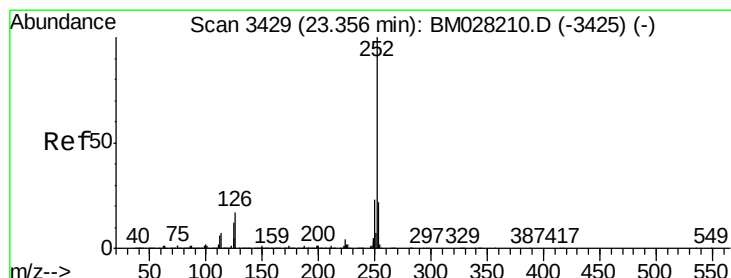
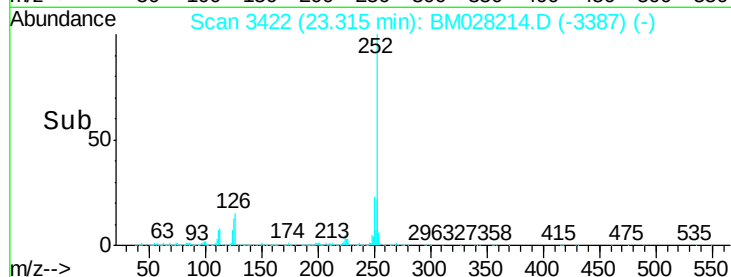
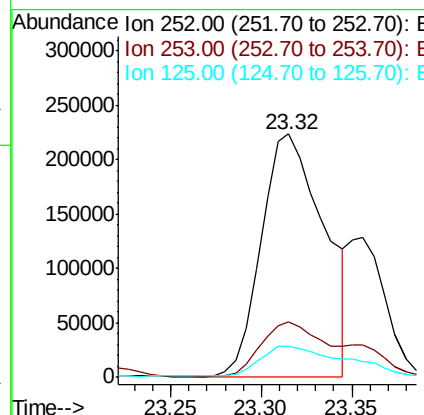
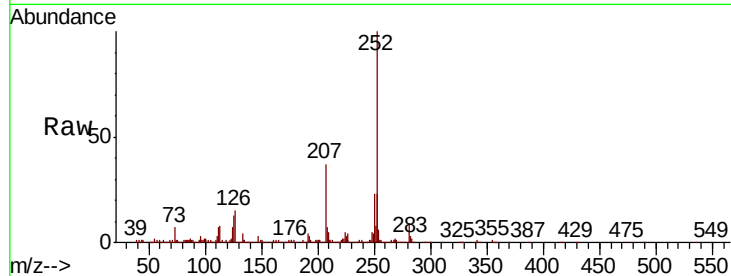
#88
Benzo(b)fluoranthene
Concen: 14.850 ng/ul
RT: 23.32 min Scan# 3422
Delta R.T. 0.01 min
Lab File: BM028214.D
Acq: 21 Dec 2020 18:39

Instrument :
BNA_M
ClientSampleId :
A54M7

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	13.1	9.0	13.4

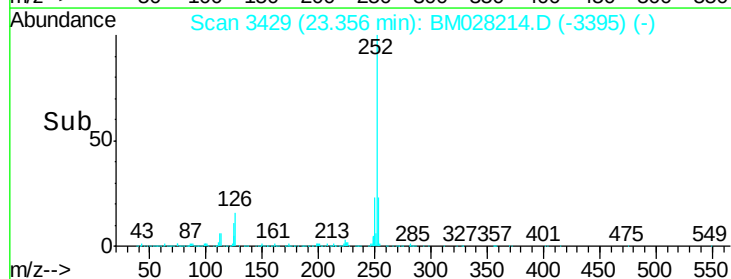
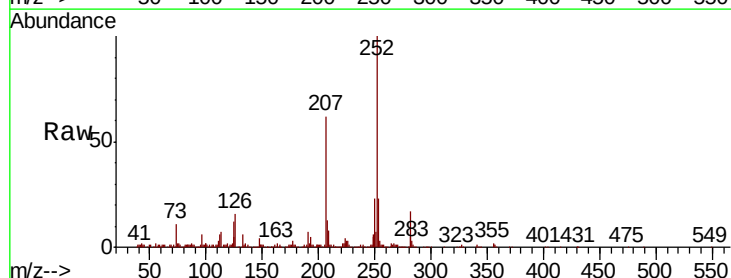
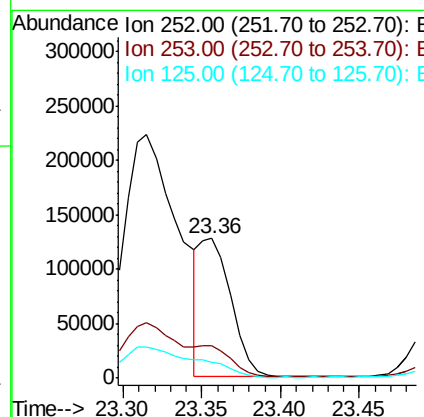
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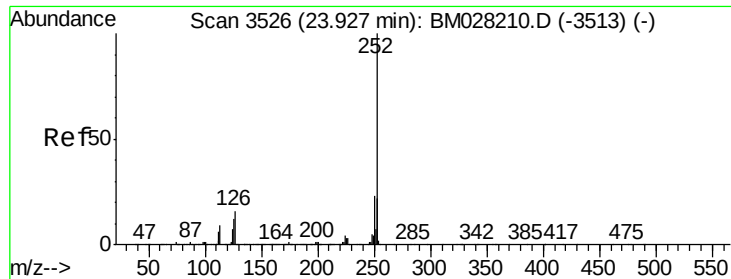
mohammad
12/23/2020 12:35:28 PM



#89
Benzo(k)fluoranthene
Concen: 4.912 ng/ul m
RT: 23.36 min Scan# 3429
Delta R.T. -0.00 min
Lab File: BM028214.D
Acq: 21 Dec 2020 18:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	11.6	9.0	13.6





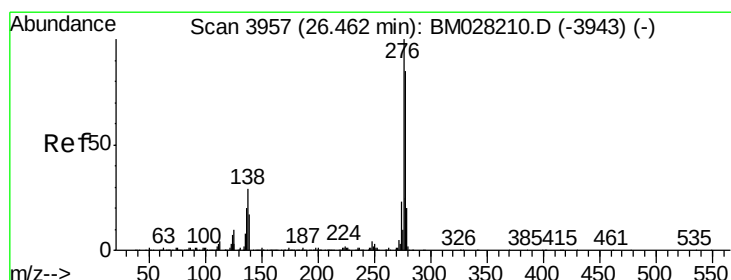
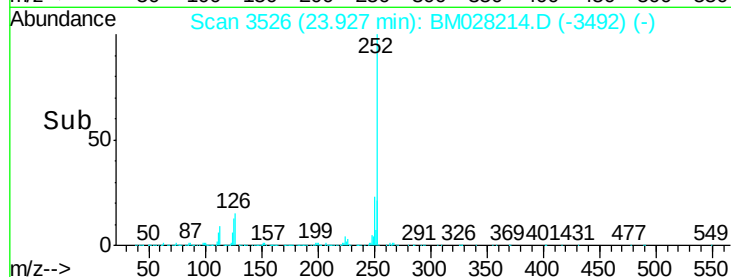
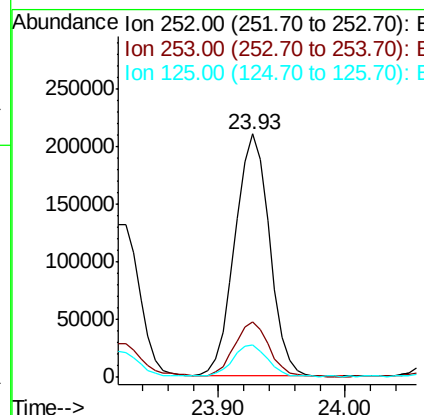
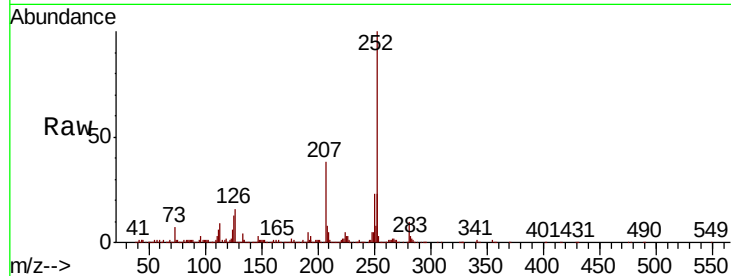
#91
Benzo(a)pyrene
Concen: 12.161 ng/ul
RT: 23.93 min Scan# 3526
Delta R.T. 0.00 min
Lab File: BM028214.D
Acq: 21 Dec 2020 18:39

Instrument :
BNA_M
ClientSampleId :
A54M7

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	13.2	10.0	15.0

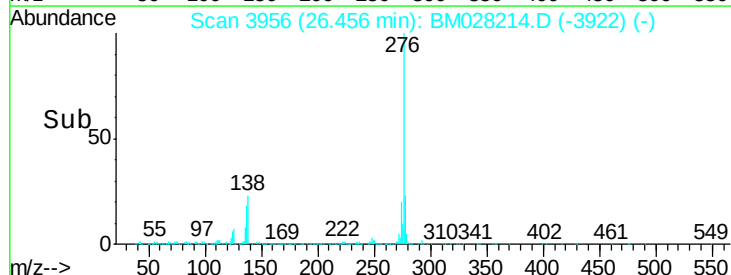
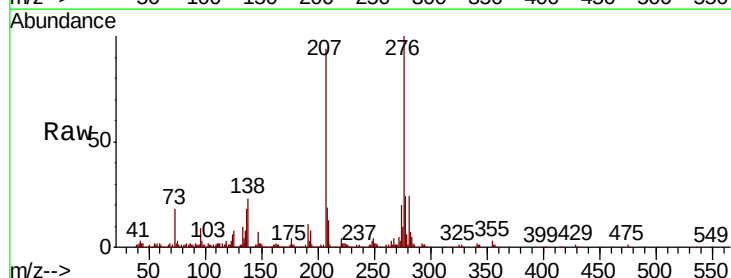
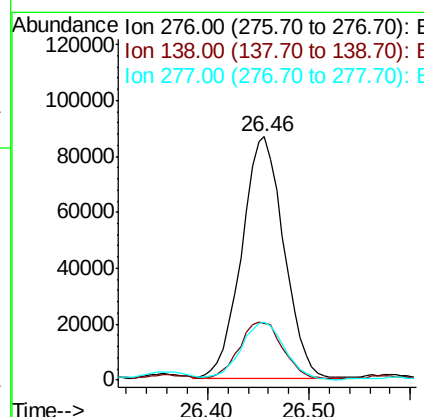
Manual Integrations
APPROVED

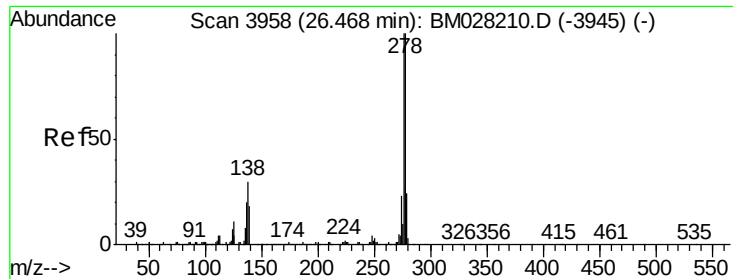
mohammad
12/23/2020 12:35:28 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 6.709 ng/ul
RT: 26.46 min Scan# 3956
Delta R.T. -0.00 min
Lab File: BM028214.D
Acq: 21 Dec 2020 18:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	23.3	34.9#
277	23.7	20.2	30.2





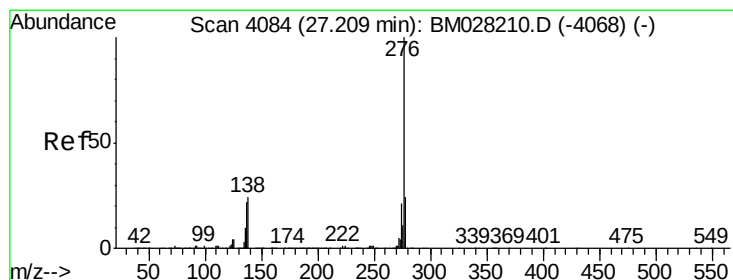
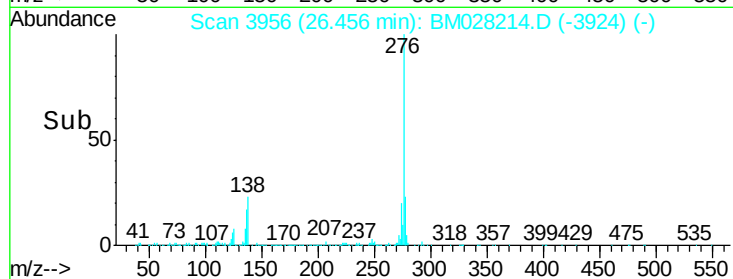
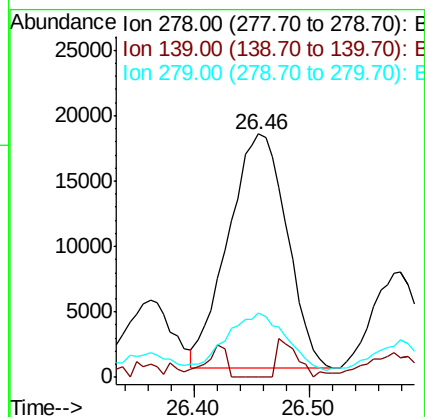
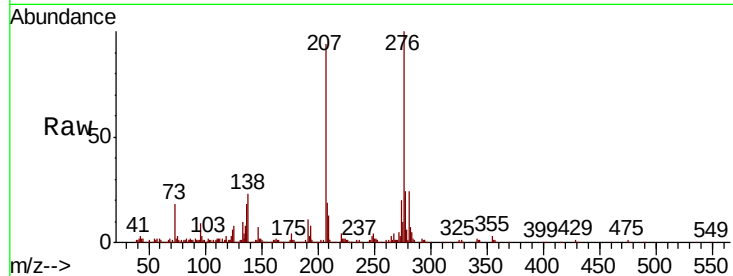
#93
Dibenzo(a,h)anthracene
Concen: 2.002 ng/ul
RT: 26.46 min Scan# 3956
Delta R.T. -0.01 min
Lab File: BM028214.D
Acq: 21 Dec 2020 18:39

Instrument :
BNA_M
ClientSampled :
A54M7

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	14.2	21.2#
279	26.4	18.5	27.7

Manual Integrations
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12/23/2020 12:35:28 PM



#94
Benzo(g,h,i)perylene
Concen: 6.601 ng/ul
RT: 27.20 min Scan# 4083
Delta R.T. 0.00 min
Lab File: BM028214.D
Acq: 21 Dec 2020 18:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.8	29.8
277	24.7	18.9	28.3

