

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024750.D
 Acq On : 07 Feb 2020 07:04
 Operator : CG/JU
 Sample : L1398-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6S9

Manual Integrations
 APPROVED

mohammad
 2/10/2020 8:22:18 AM

Quant Time: Feb 07 16:00:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 07:38:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	295055	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1184354	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	818077	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1812019	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1735979	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	1936330	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	21366	3.48	ng/uL	0.00
5) Phenol-d5	6.60	99	438713	22.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	257167	23.23	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	398855	22.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	377921	22.85	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	197215	23.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	238980	23.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	446841	21.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	521922	27.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1527231	24.73	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1776381	24.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	211242	21.05	ng/ul	0.00
58) Fluorene-d10	15.06	176	1347795	24.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	251291	21.28	ng/ul	0.00
71) Anthracene-d10	16.92	188	2095329	25.33	ng/ul	0.00
79) Pyrene-d10	19.22	212	2446655	28.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.01	264	2579184	26.52	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.21	128	75309	1.245	ng/ul 99
50) Acenaphthene	14.12	153	54957	1.089	ng/ul 97
70) Phenanthrene	16.86	178	1208269	12.229	ng/ul 99
72) Anthracene	16.94	178	256267	2.558	ng/ul 98
75) Carbazole	17.22	167	98892	1.185	ng/ul 98
77) Fluoranthene	18.89	202	2349675	19.373	ng/ul 100
80) Pyrene	19.25	202	2013611	17.523	ng/ul 100
83) Benzo(a)anthracene	21.02	228	1191690	10.191	ng/ul 97
85) Chrysene	21.06	228	1145936	9.954	ng/ul 99
88) Benzo(b)fluoranthene	22.52	252	1518084	12.329	ng/ul 99
89) Benzo(k)fluoranthene	22.56	252	563417m	4.754	ng/ul
91) Benzo(a)pyrene	23.04	252	1005114	9.105	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	25.19	276	711569	5.178	ng/ul 97
93) Dibenzo(a,h)anthracene	25.19	278	203776	1.740	ng/ul# 90
94) Benzo(g,h,i)perylene	25.81	276	626351	5.480	ng/ul 99

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

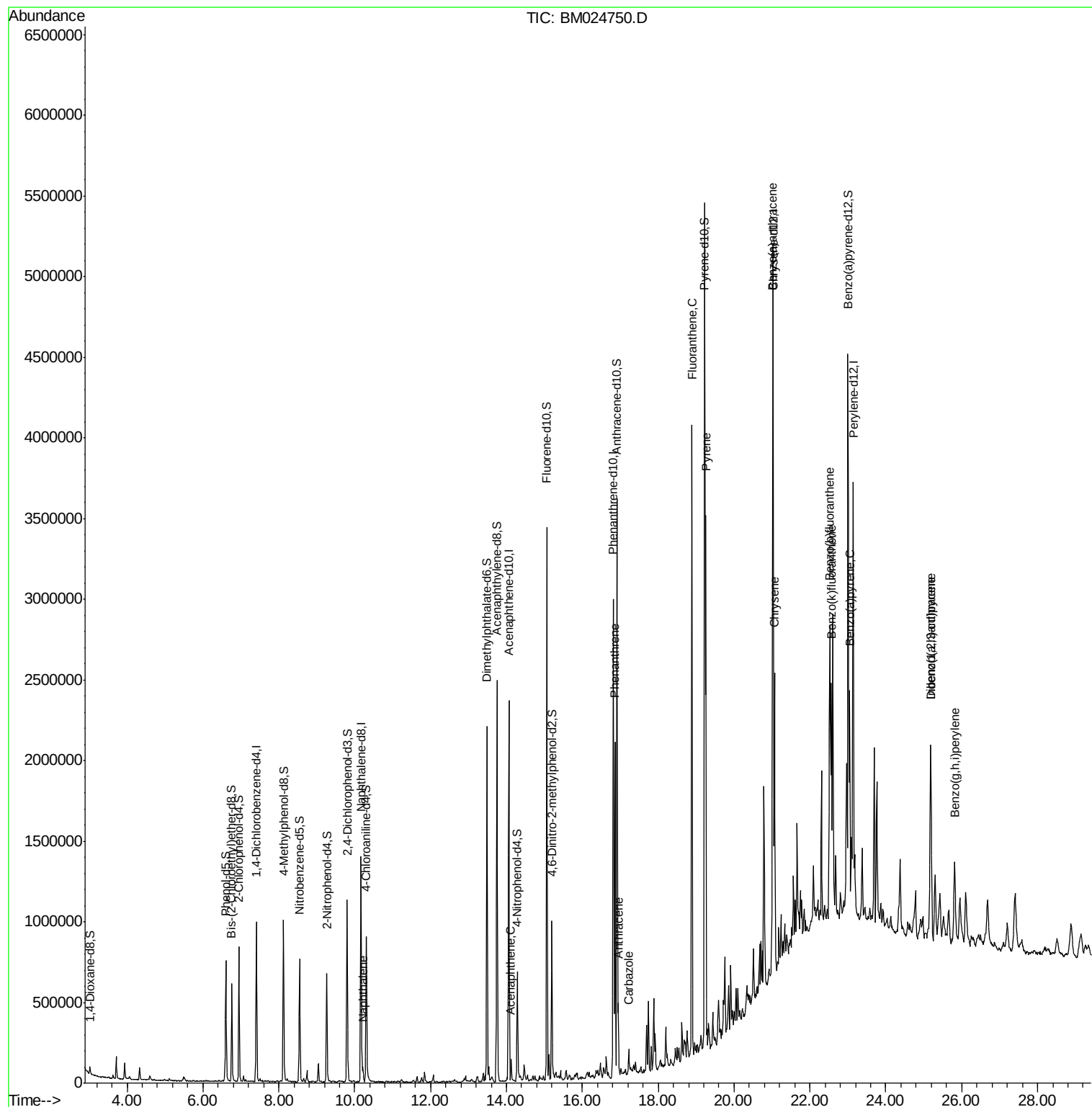
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024750.D
Acq On : 07 Feb 2020 07:04
Operator : CG/JU
Sample : L1398-18
Misc :
ALS Vial : 29 Sample Multiplier: 1

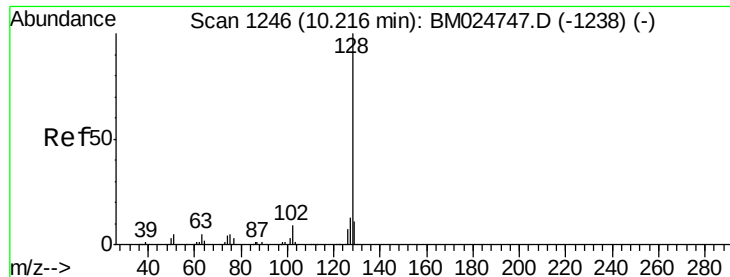
Instrument :
BNA_M
ClientSampleId :
CB6S9

Quant Time: Feb 07 16:00:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Manual Integrations
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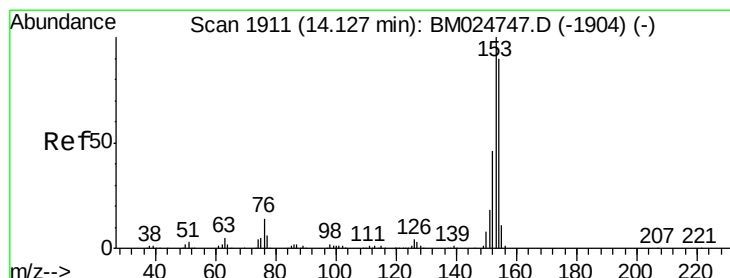
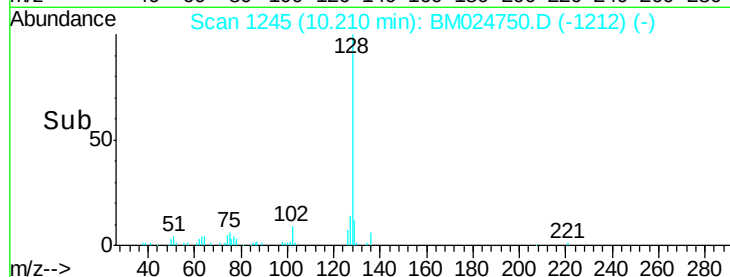
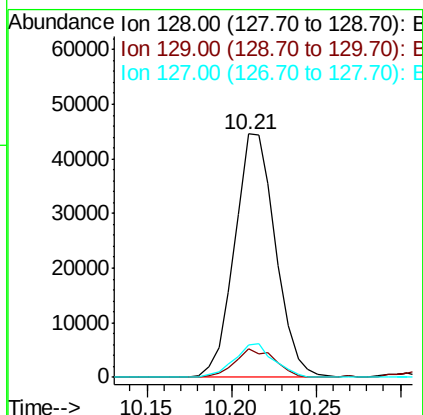
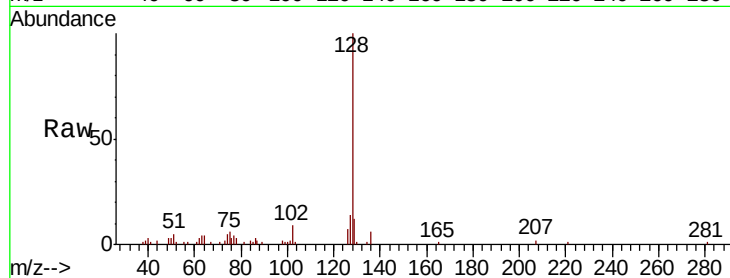
#28
Naphthalene
Concen: 1.245 ng/ul
RT: 10.21 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM024750.D
Acq: 07 Feb 2020 07:04

Instrument :
BNA_M
ClientSampleId :
CB6S9

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.1	13.7
127	13.5	10.4	15.6

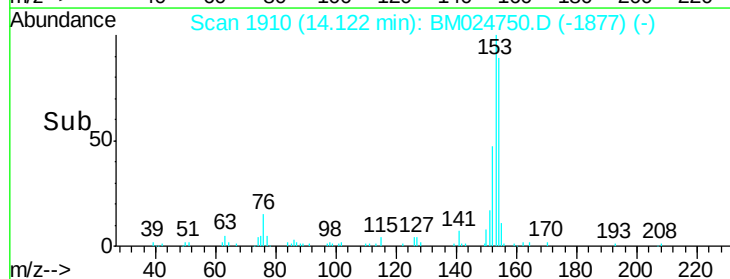
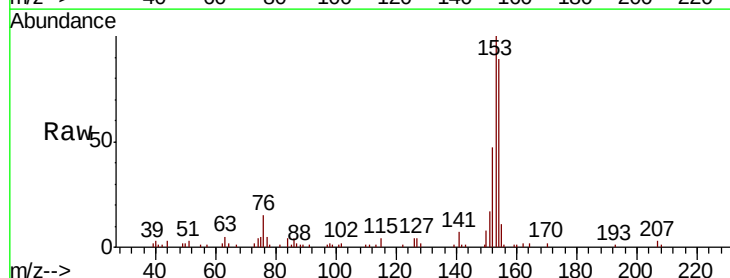
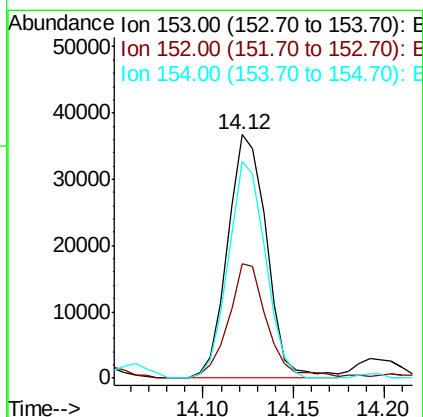
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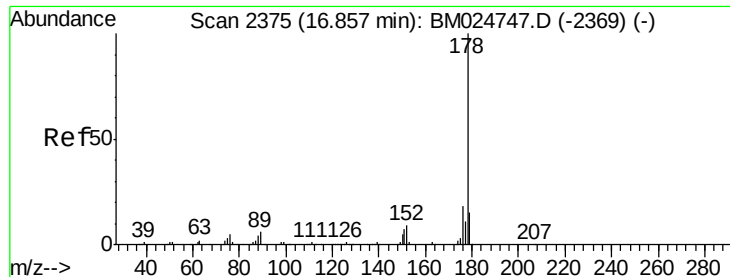
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#50
Acenaphthene
Concen: 1.089 ng/ul
RT: 14.12 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM024750.D
Acq: 07 Feb 2020 07:04

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.8	37.3	55.9
154	89.1	74.1	111.1





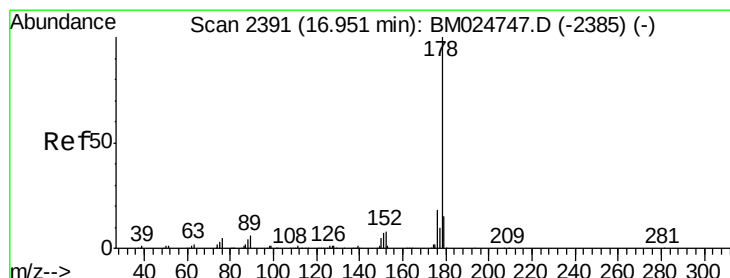
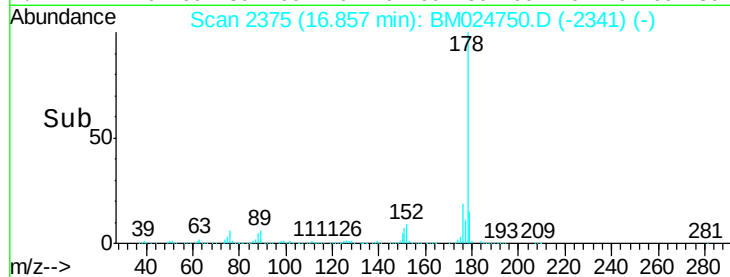
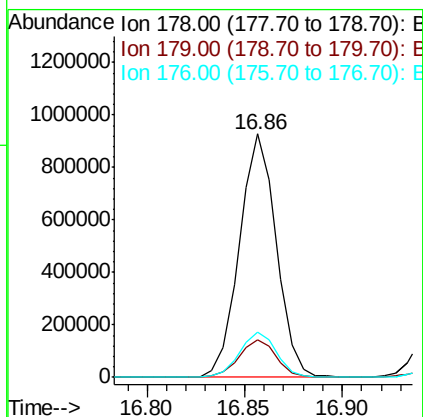
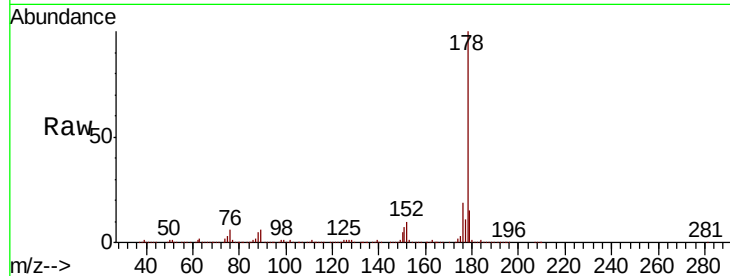
#70
Phenanthrene
Concen: 12.229 ng/ul
RT: 16.86 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BM024750.D
Acq: 07 Feb 2020 07:04

Instrument :
BNA_M
ClientSampleId :
CB6S9

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	18.6	14.5	21.7

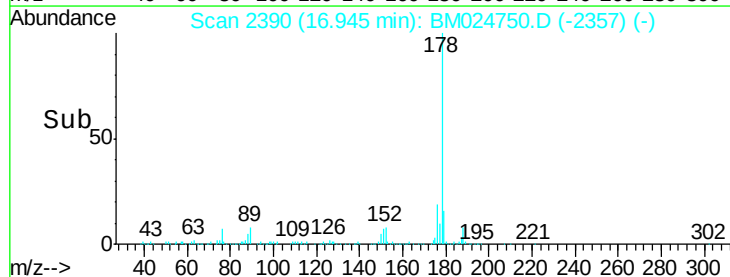
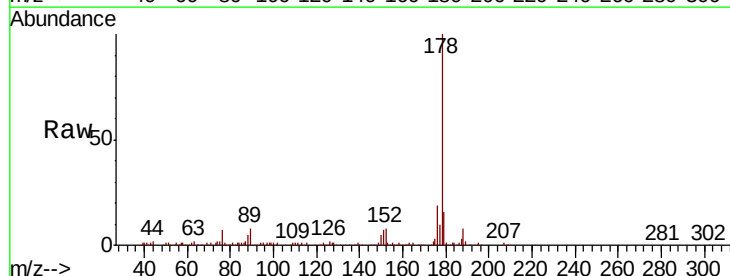
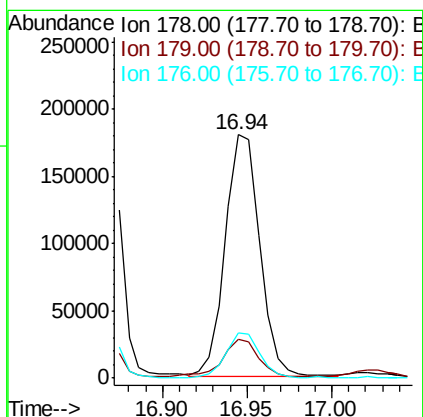
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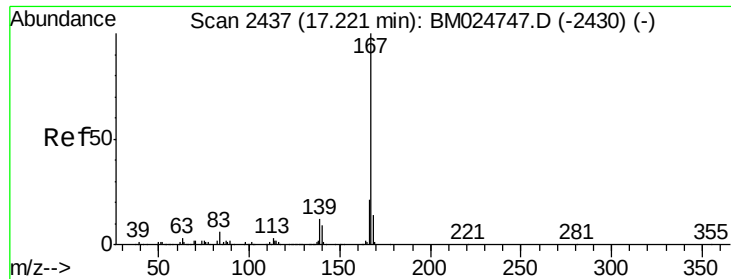
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#72
Anthracene
Concen: 2.558 ng/ul
RT: 16.94 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM024750.D
Acq: 07 Feb 2020 07:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	18.6	14.1	21.1





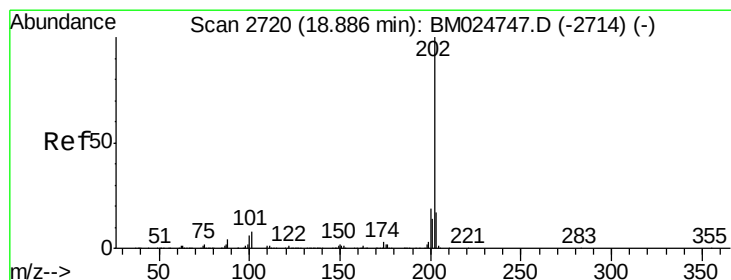
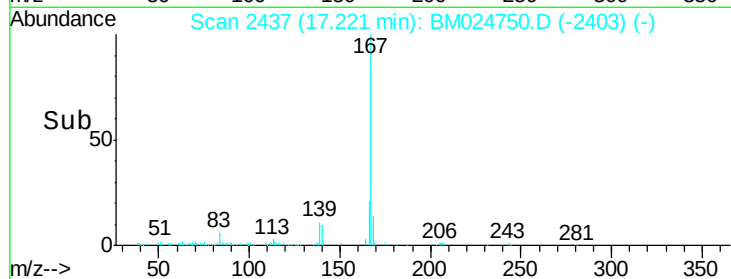
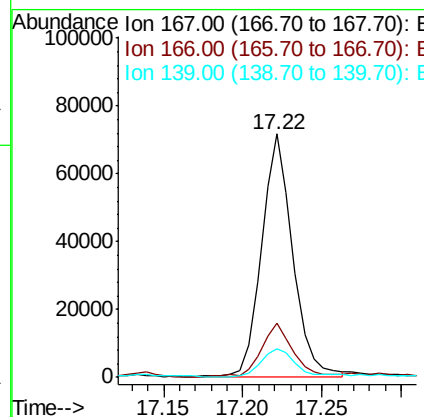
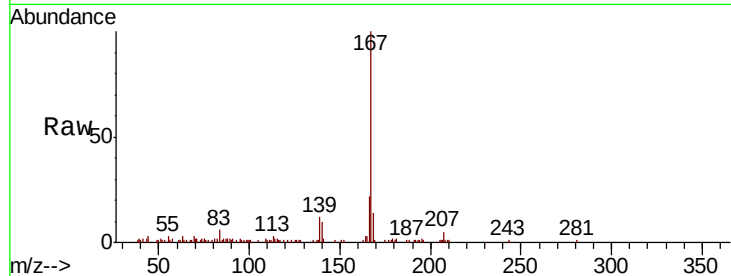
#75
 Carbazole
 Concen: 1.185 ng/ul
 RT: 17.22 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: BM024750.D
 Acq: 07 Feb 2020 07:04

Instrument :
 BNA_M
 ClientSampleId :
 CB6S9

Tot Ion:	167	Resp:	98892
Ion Ratio	Lower	Upper	
167	100		
166	22.1	16.6	24.8
139	11.9	9.3	13.9

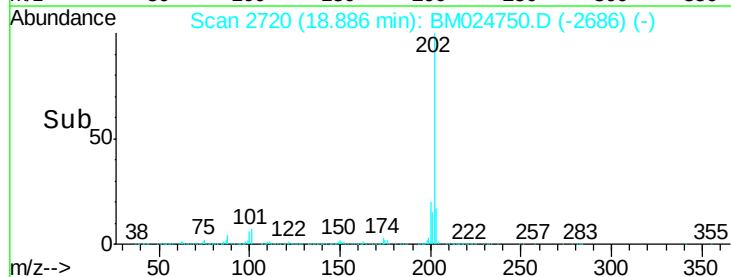
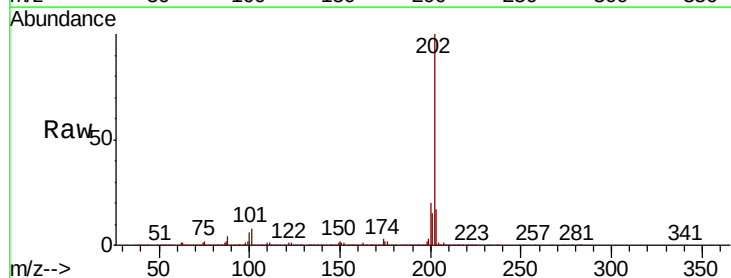
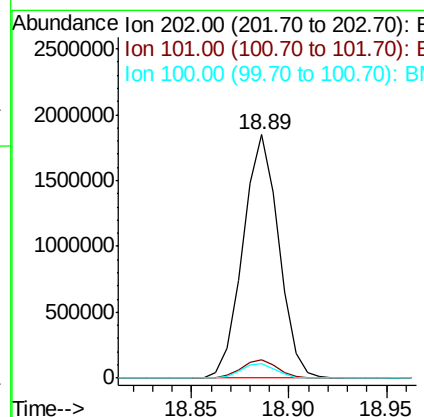
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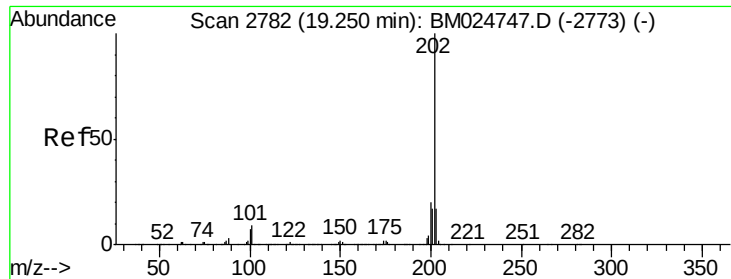
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#77
 Fluoranthene
 Concen: 19.373 ng/ul
 RT: 18.89 min Scan# 2720
 Delta R.T. 0.00 min
 Lab File: BM024750.D
 Acq: 07 Feb 2020 07:04

Tgt Ion:	202	Resp:	2349675
Ion Ratio	Lower	Upper	
202	100		
101	7.6	6.1	9.1
100	6.0	4.8	7.2





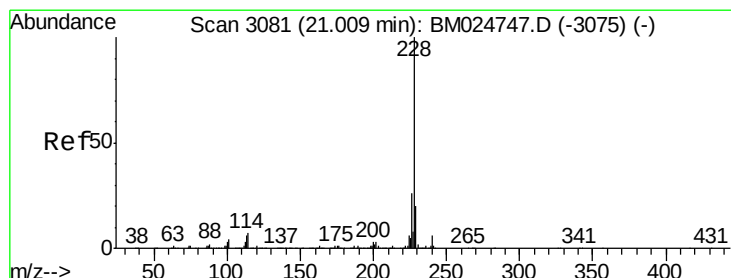
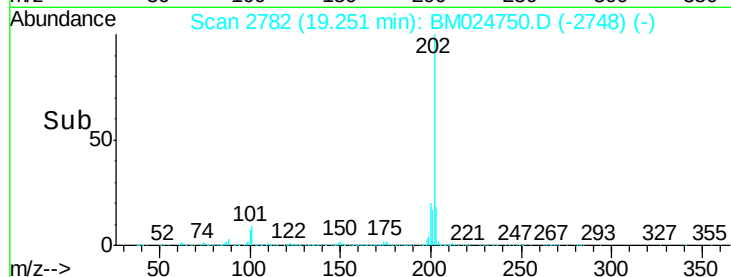
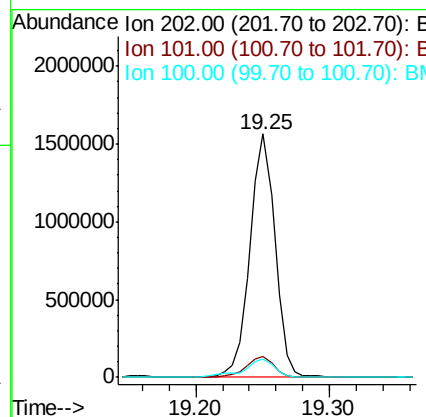
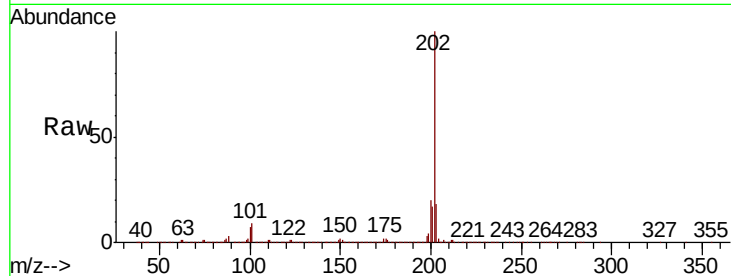
#80
Pvrene
Concen: 17.523 ng/ul
RT: 19.25 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BM024750.D
Acq: 07 Feb 2020 07:04

Instrument :
BNA_M
ClientSampleId :
CB6S9

Tot	Ion:202	Resp:	2013611
Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.0	10.4
100	7.3	5.8	8.8

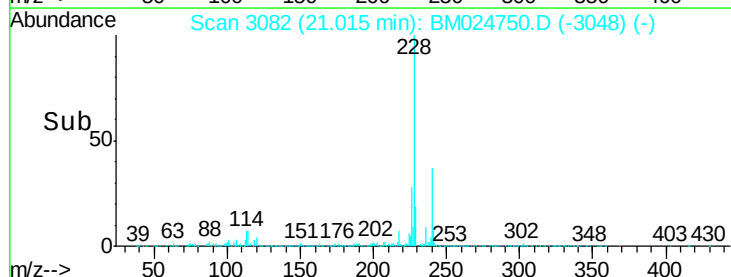
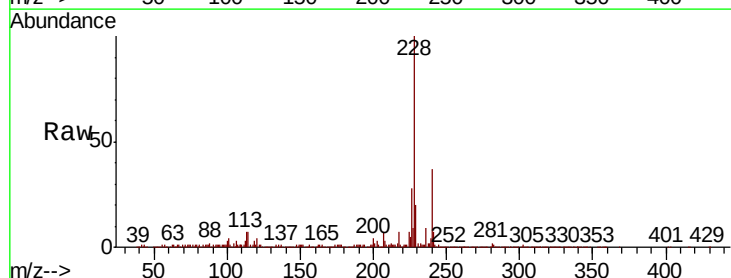
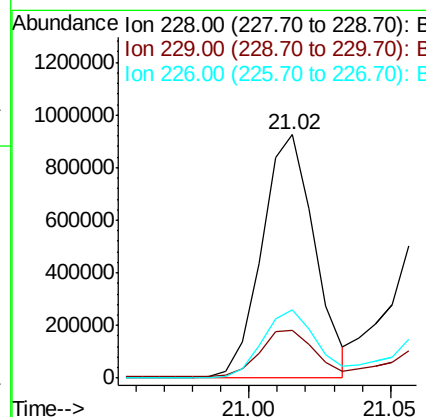
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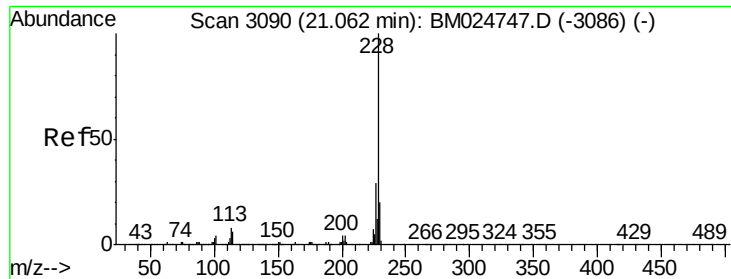
mohammad
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#83
Benzo(a)anthracene
Concen: 10.191 ng/ul
RT: 21.02 min Scan# 3082
Delta R.T. 0.00 min
Lab File: BM024750.D
Acq: 07 Feb 2020 07:04

Tgt Ion:228	Resp: 1191690
Ion Ratio	Lower Upper
228 100	
229 19.7	15.9 23.9
226 28.2	20.8 31.2





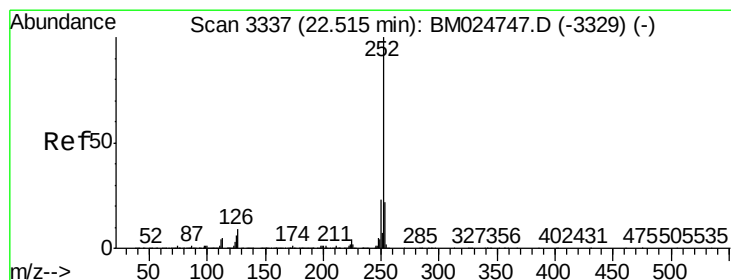
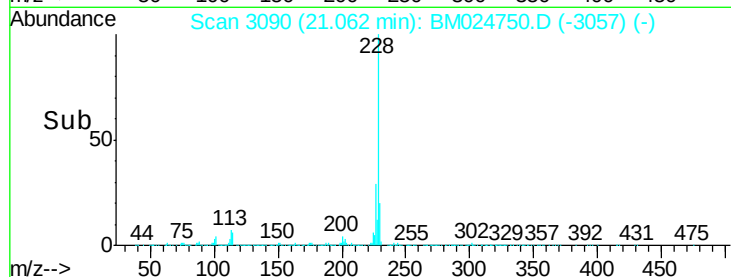
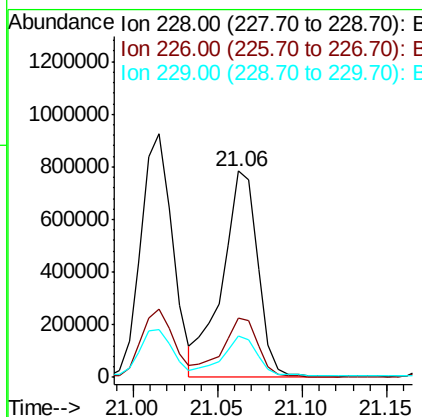
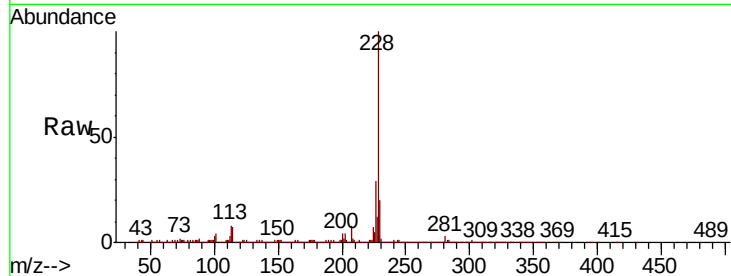
#85
Chrysene
Concen: 9.954 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM024750.D
Acq: 07 Feb 2020 07:04

Instrument :
BNA_M
ClientSampleId :
CB6S9

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.4
229	20.1	15.8	23.8

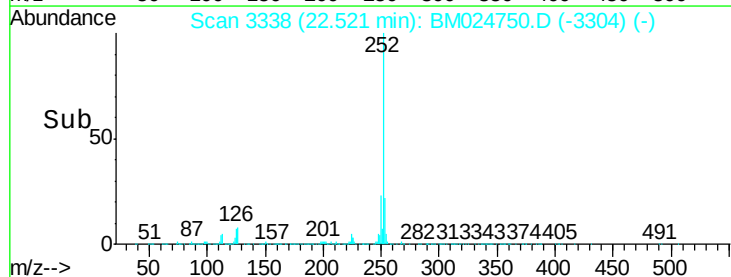
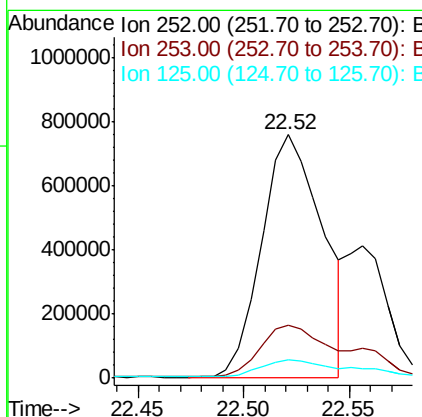
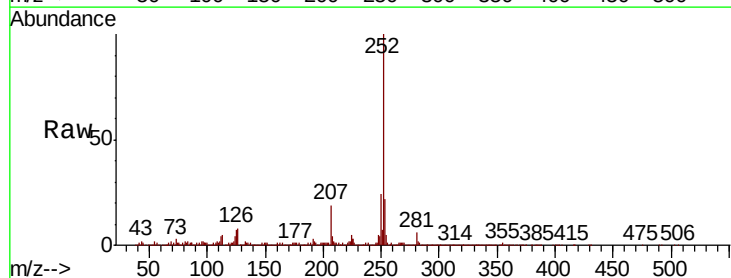
Manual Integrations
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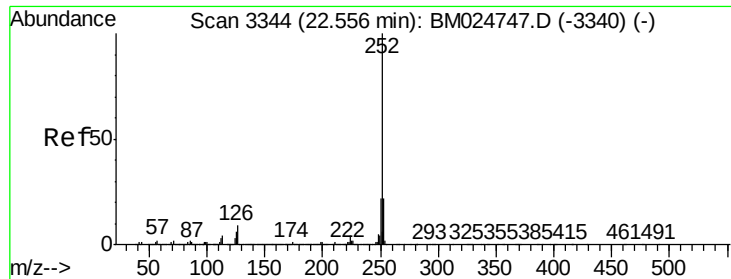
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#88
Benzo(b)fluoranthene
Concen: 12.329 ng/ul
RT: 22.52 min Scan# 3338
Delta R.T. 0.00 min
Lab File: BM024750.D
Acq: 07 Feb 2020 07:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	7.3	5.1	7.7





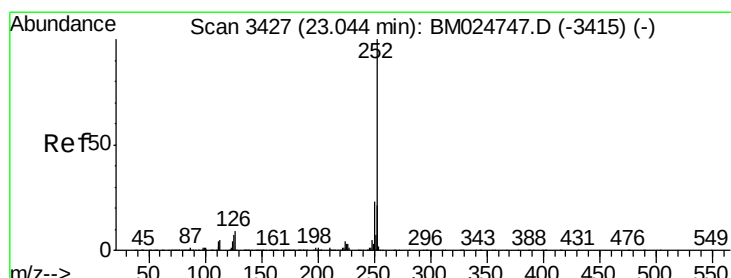
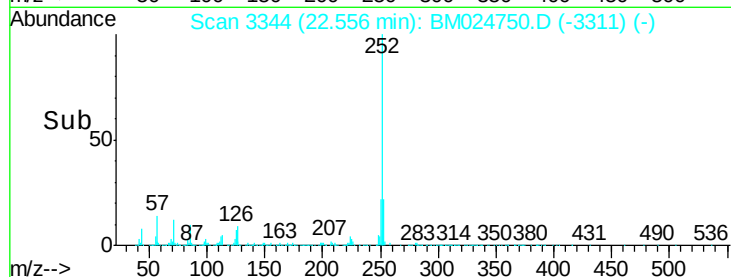
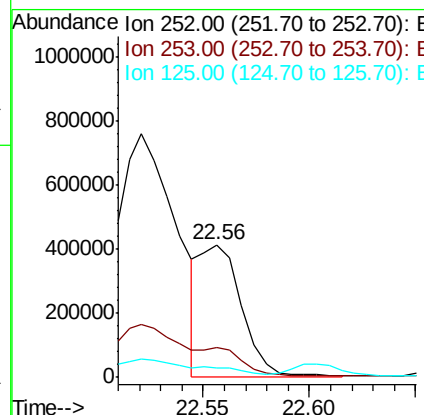
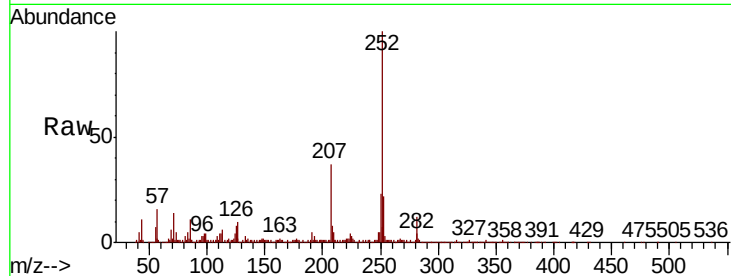
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Benzo(k)fluoranthene
Concen: 4.754 ng/ul m
RT: 22.56 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BM024750.D
Acq: 07 Feb 2020 07:04

Instrument :
BNA_M
ClientSampled :
CB6S9

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	7.5	5.1	7.7

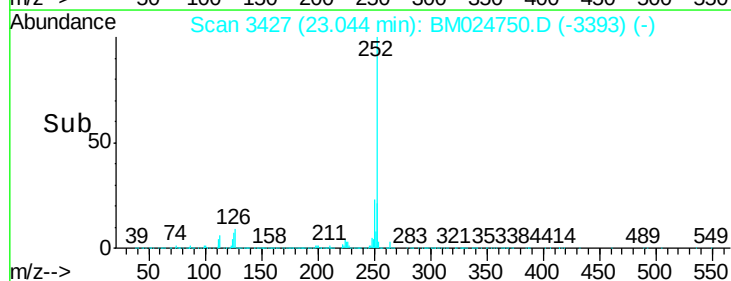
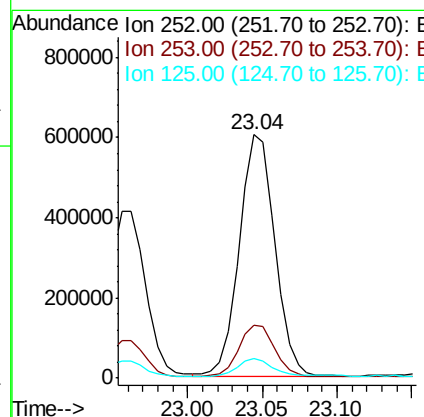
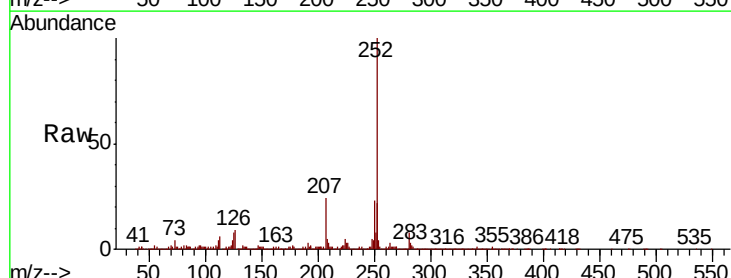
Manual Integrations
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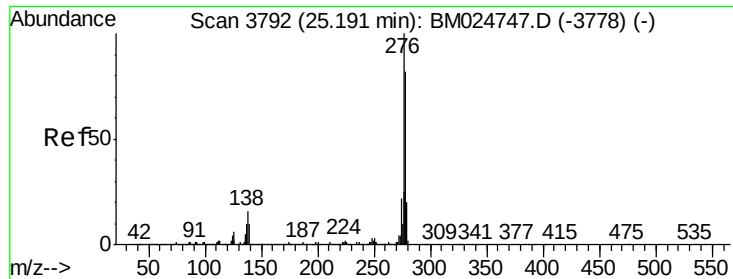
mohammad
2/10/2020 8:22:18 AM



#91
Benzo(a)pyrene
Concen: 9.105 ng/ul
RT: 23.04 min Scan# 3427
Delta R.T. 0.00 min
Lab File: BM024750.D
Acq: 07 Feb 2020 07:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	7.8	5.6	8.4





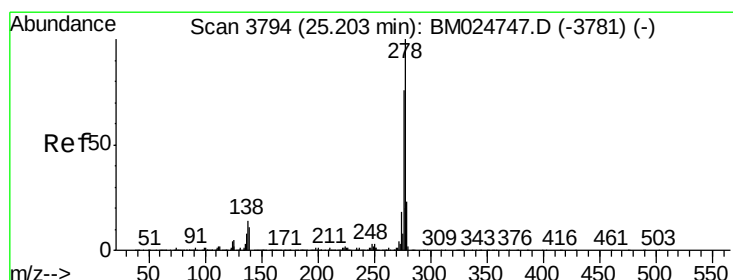
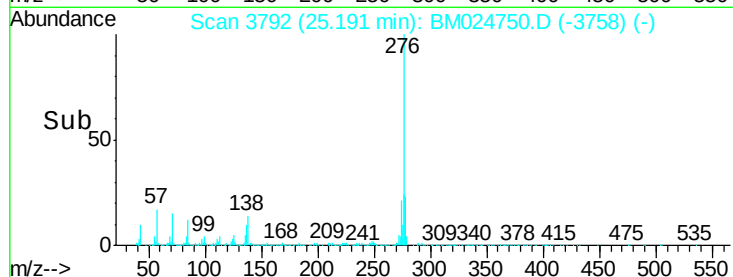
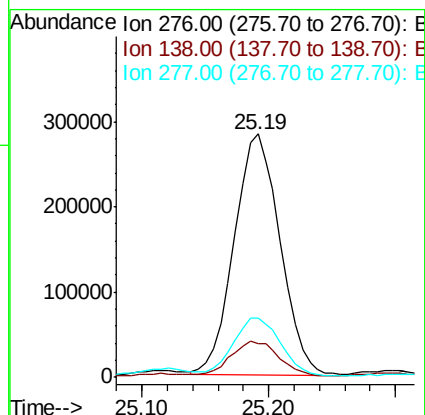
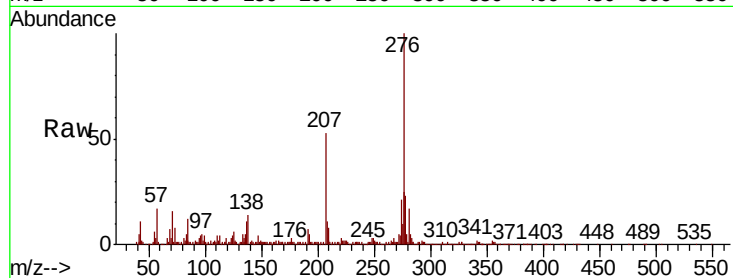
#92
Indeno(1,2,3-cd)pyrene
Concen: 5.178 ng/ul
RT: 25.19 min Scan# 3792
Delta R.T. 0.00 min
Lab File: BM024750.D
Acq: 07 Feb 2020 07:04

Instrument :
BNA_M
ClientSampleId :
CB6S9

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.8	12.8	19.2
277	24.6	19.3	28.9

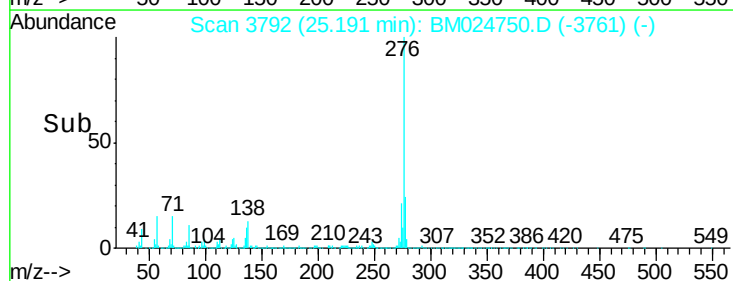
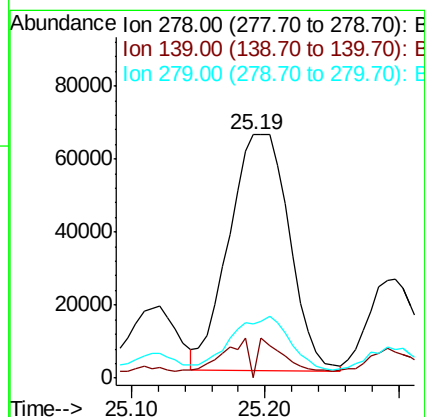
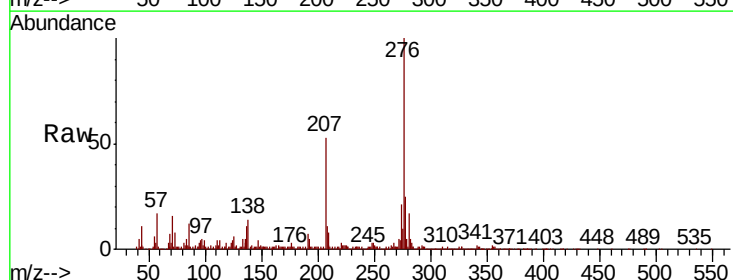
Manual Integrations
APPROVED

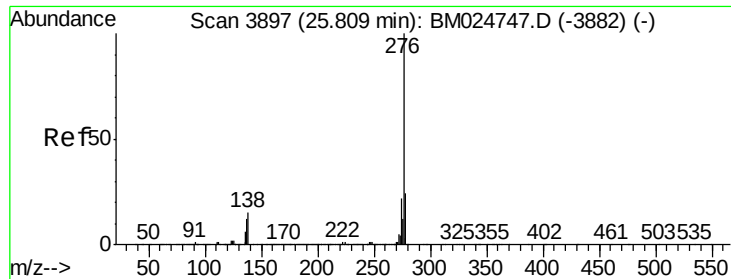
mohammad
2/10/2020 8:22:18 AM



#93
Dibenzo(a,h)anthracene
Concen: 1.740 ng/ul
RT: 25.19 min Scan# 3792
Delta R.T. -0.02 min
Lab File: BM024750.D
Acq: 07 Feb 2020 07:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	8.4	12.6#
279	22.3	18.5	27.7





#94

Benzo(a,h,i)perylene

Concen: 5.480 ng/ul

RT: 25.81 min Scan# 3898

Delta R.T. 0.00 min

Lab File: BM024750.D

Acq: 07 Feb 2020 07:04

Instrument :

BNA_M

ClientSampleId :

CB6S9

Tot Ion:	276	Resp:	626351
Ion Ratio	Lower	Upper	
276	100		
138	14.4	11.8	17.6
277	24.1	19.0	28.6

Manual Integrations
APPROVED

mohammad
2/10/2020 8:22:18 AM

