

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
 Data File : BM024843.D
 Acq On : 11 Feb 2020 20:28
 Operator : CG/JU
 Sample : L1405-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6P5

Manual Integrations
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Quant Time: Feb 12 05:01:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 12 04:40:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	324558	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1275945	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	798147	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1631064	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1553968	20.00	ng/ul	0.00
86) Perylene-d12	23.12	264	1609008	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	33125	4.91	ng/uL	0.00
5) Phenol-d5	6.60	99	589572	27.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	360164	29.58	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	538741	27.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	494796	27.20	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	266905	28.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	310643	28.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	559238	25.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	678859	33.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1717847	28.51	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	2052336	29.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	215853	22.05	ng/ul	0.00
58) Fluorene-d10	15.06	176	1469194	27.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	232504	21.87	ng/ul	0.00
71) Anthracene-d10	16.90	188	2086215	28.02	ng/ul	0.00
79) Pyrene-d10	19.22	212	2317315	29.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	2436333	30.15	ng/ul	0.00

Target Compounds				Ovalue		
50) Acenaphthene	14.12	153	98689	2.005	ng/ul	96
54) Dibenzofuran	14.46	168	103223	1.407	ng/ul	99
59) Fluorene	15.11	166	110765	1.832	ng/ul	97
70) Phenanthrene	16.85	178	1740221	19.568	ng/ul	99
72) Anthracene	16.94	178	333317	3.696	ng/ul	99
75) Carbazole	17.22	167	97903	1.303	ng/ul	99
77) Fluoranthene	18.88	202	2162003	19.803	ng/ul	99
80) Pyrene	19.24	202	1834584	17.835	ng/ul	96
83) Benzo(a)anthracene	21.00	228	1007526	9.625	ng/ul	100
85) Chrysene	21.06	228	906336	8.795	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	1208165	11.808	ng/ul	98
89) Benzo(k)fluoranthene	22.54	252	382985m	3.889	ng/ul	
91) Benzo(a)pyrene	23.03	252	761634	8.303	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.17	276	542824	4.753	ng/ul	98
93) Dibenzo(a,h)anthracene	25.18	278	154019	1.583	ng/ul#	95
94) Benzo(g,h,i)perylene	25.79	276	457217	4.814	ng/ul	98

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

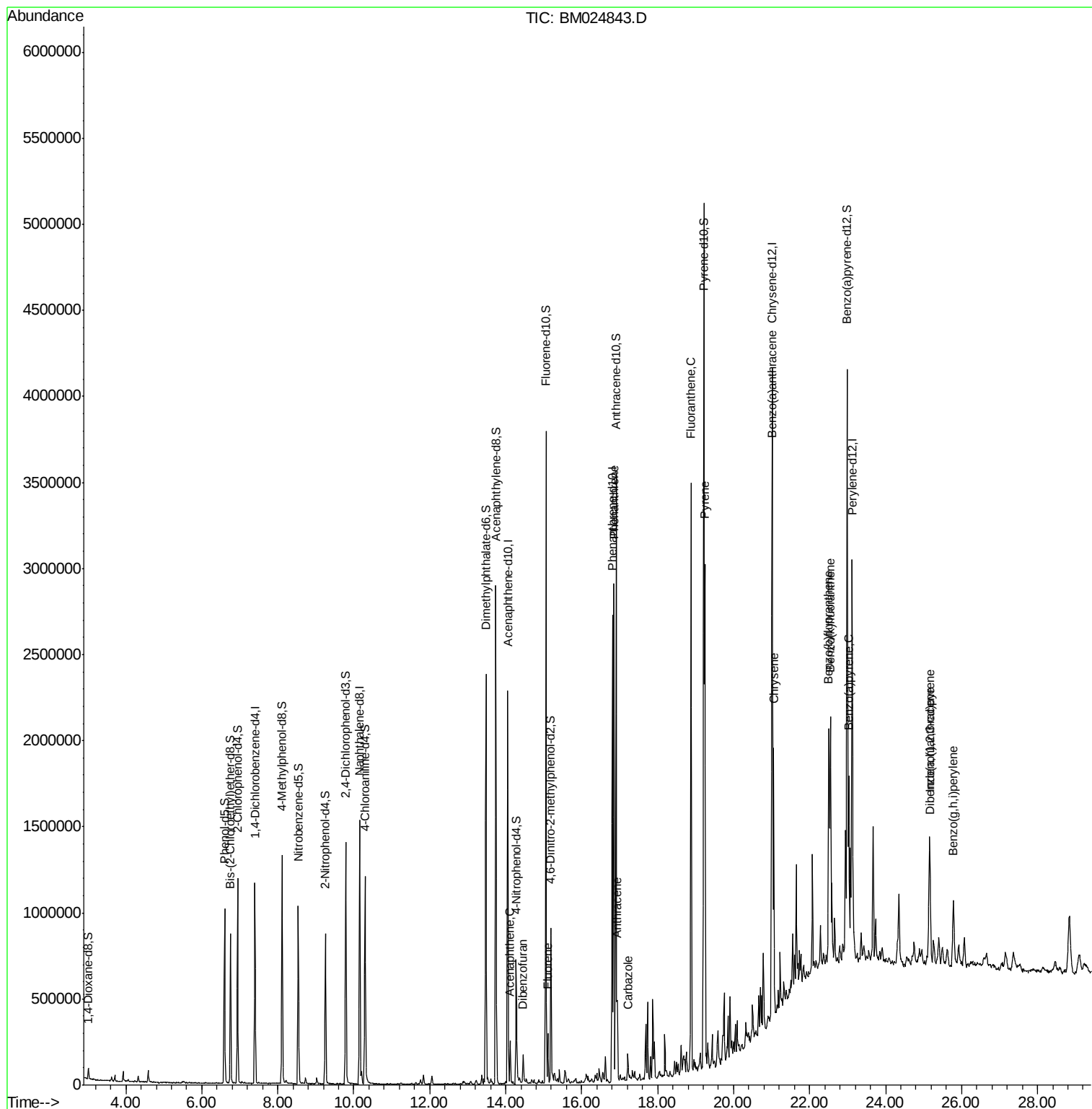
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021120\
Data File : BM024843.D
Acq On : 11 Feb 2020 20:28
Operator : CG/JU
Sample : L1405-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

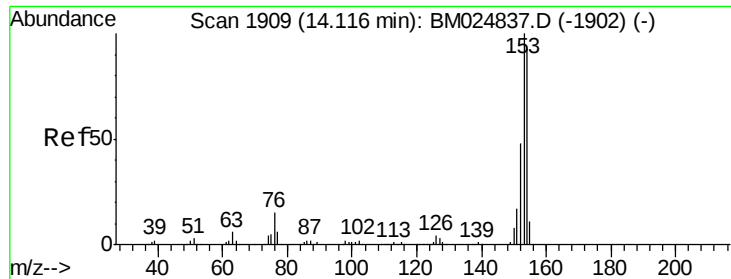
Instrument :
BNA_M
ClientSampleId :
CB6P5

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Quant Time: Feb 12 05:01:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
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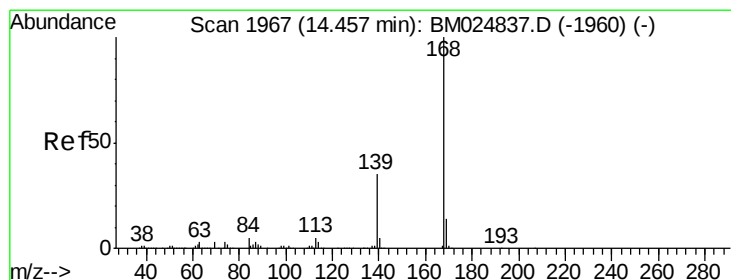
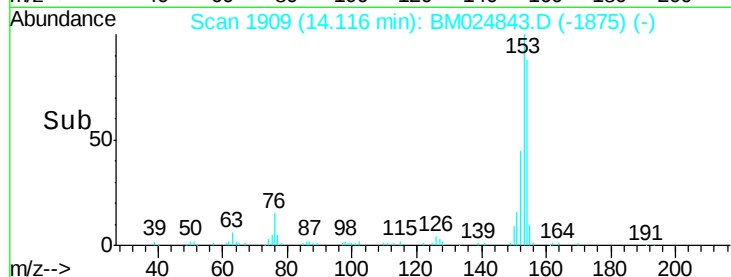
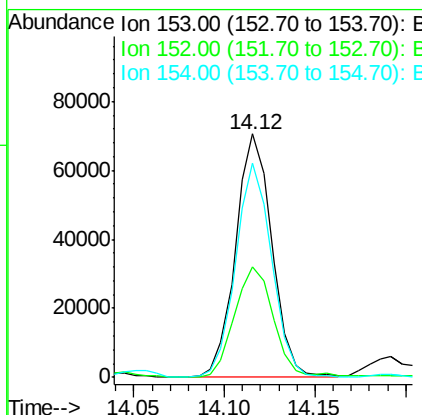
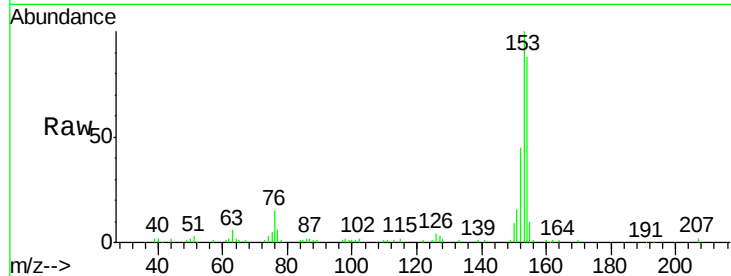
#50
Acenaphthene
Concen: 2.005 ng/ul
RT: 14.12 min Scan# 1909
Delta R.T. 0.00 min
Lab File: BM024843.D
Acq: 11 Feb 2020 20:28

Instrument :
BNA_M
ClientSampleId :
CB6P5

Tot Ion	Ratio	Lower	Upper
153	100		
152	45.5	37.3	55.9
154	88.2	74.1	111.1

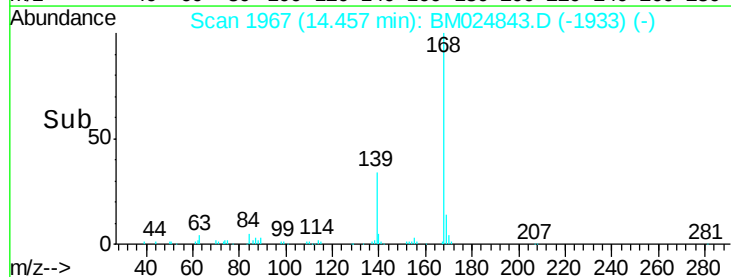
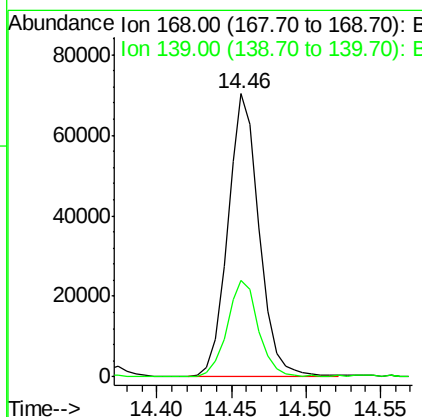
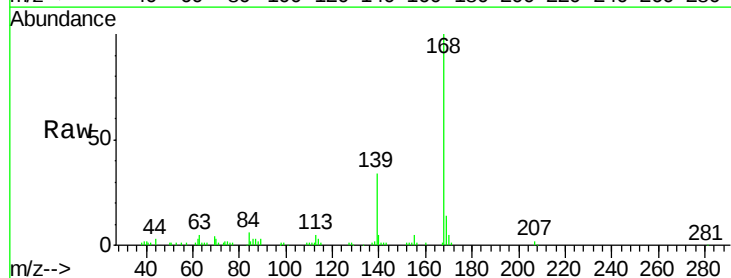
Manual Integrations
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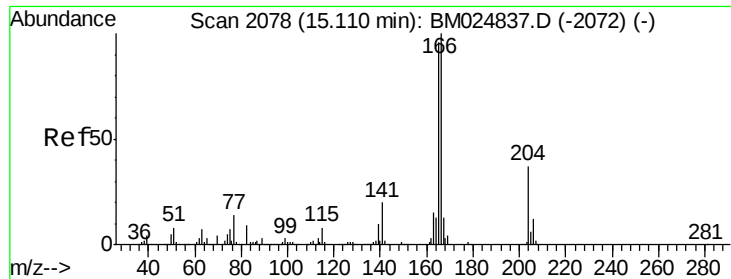
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#54
Dibenzofuran
Concen: 1.407 ng/ul
RT: 14.46 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BM024843.D
Acq: 11 Feb 2020 20:28

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.2	27.8	41.8





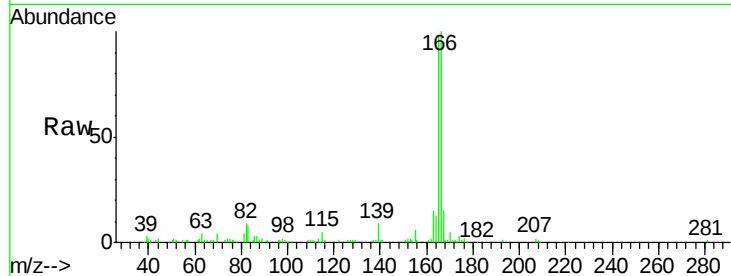
#59
Fluorene
Concen: 1.832 ng/ul
RT: 15.11 min Scan# 2078
Delta R.T. 0.00 min
Lab File: BM024843.D
Acq: 11 Feb 2020 20:28

Instrument :
BNA_M
ClientSampleId :
CB6P5

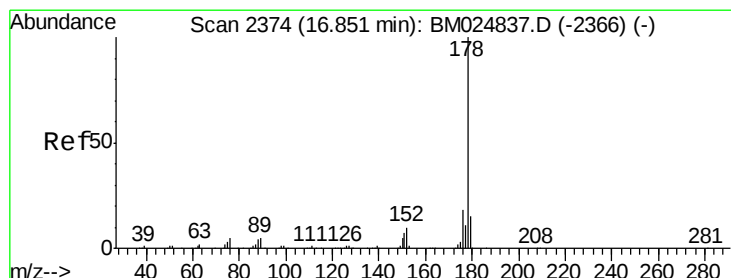
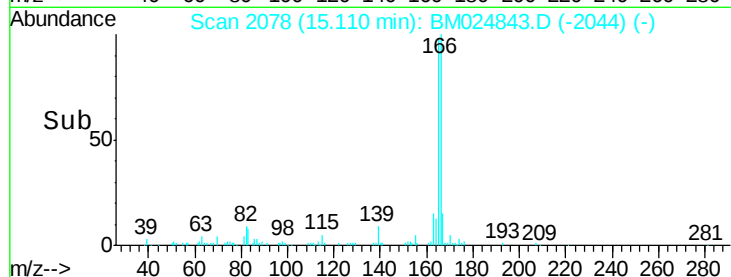
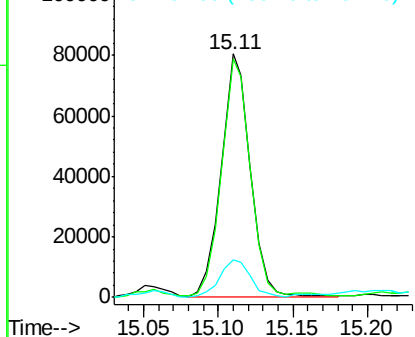
Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		110765		
165	97.7	75.8	113.8		
167	15.3	10.6	16.0		

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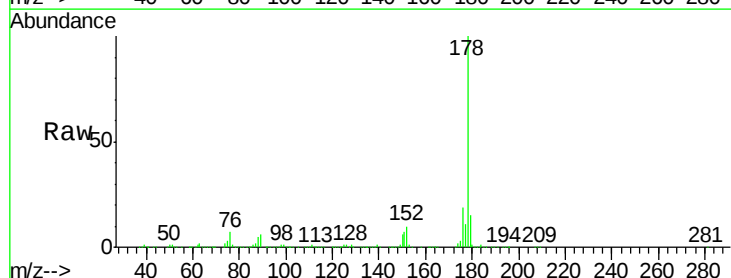


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

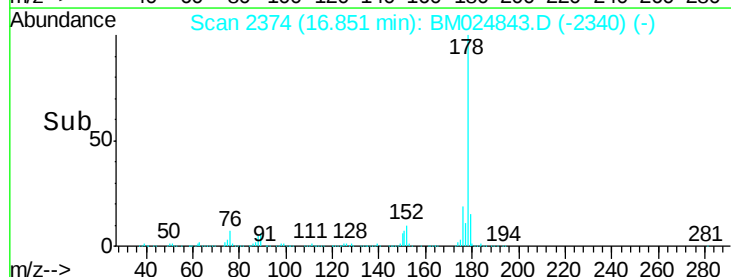
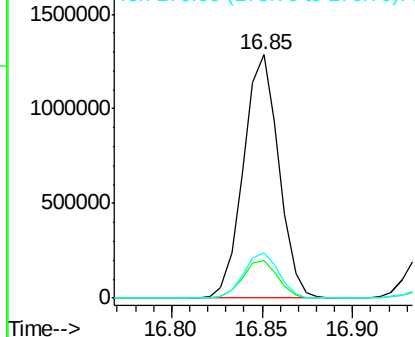


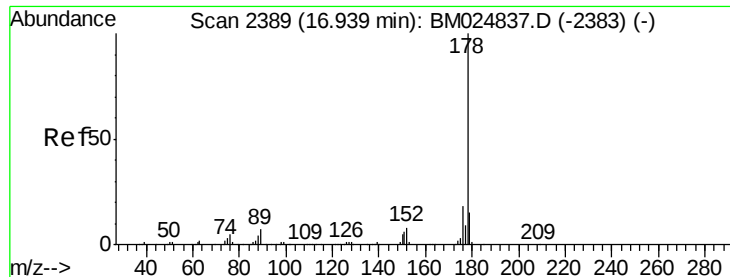
#70
Phenanthrene
Concen: 19.568 ng/ul
RT: 16.85 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BM024843.D
Acq: 11 Feb 2020 20:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		1740221		
179	15.3	12.2	18.2		
176	18.7	14.5	21.7		



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 3.696 ng/ul

RT: 16.94 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BM024843.D

Acq: 11 Feb 2020 20:28

Instrument :

BNA_M

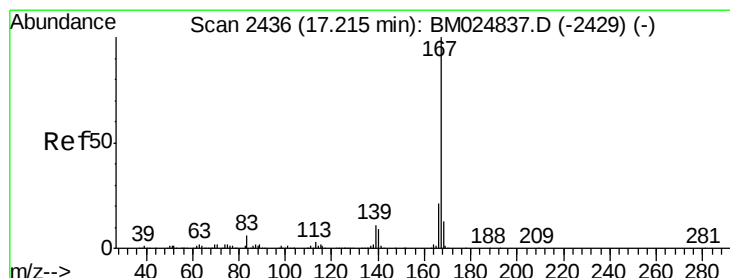
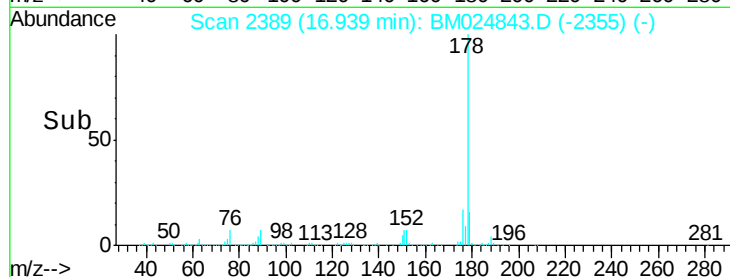
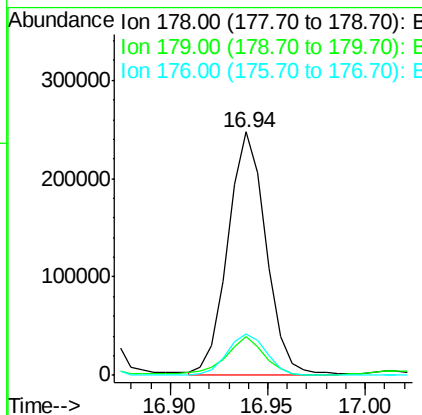
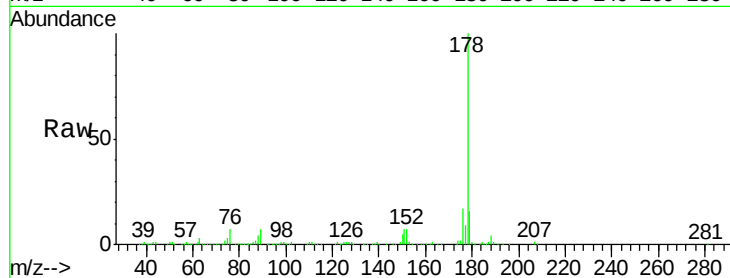
ClientSampleId :

CB6P5

Tot Ion:	178	Resp:	333317
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.3	18.5
176	17.2	14.1	21.1

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#75

Carbazole

Concen: 1.303 ng/ul

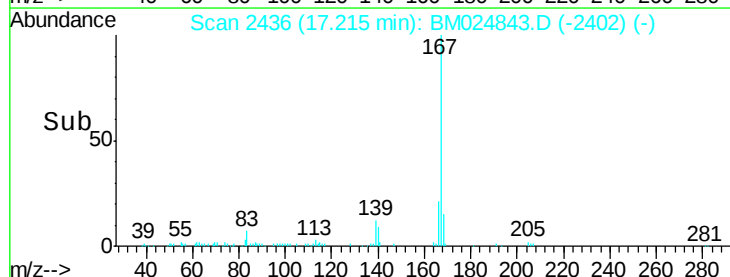
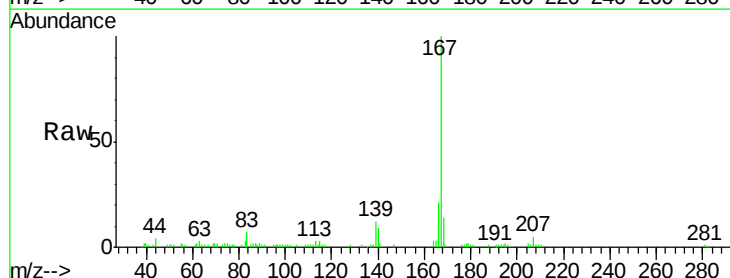
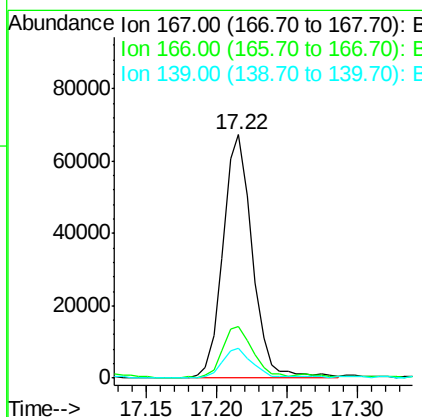
RT: 17.22 min Scan# 2436

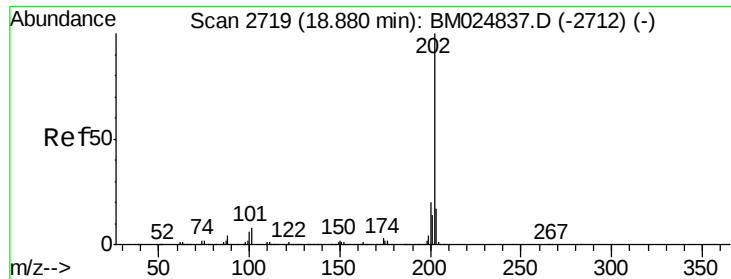
Delta R.T. 0.00 min

Lab File: BM024843.D

Acq: 11 Feb 2020 20:28

Tgt Ion:	167	Resp:	97903
Ion Ratio	Lower	Upper	
167	100		
166	21.0	16.6	24.8
139	12.2	9.3	13.9





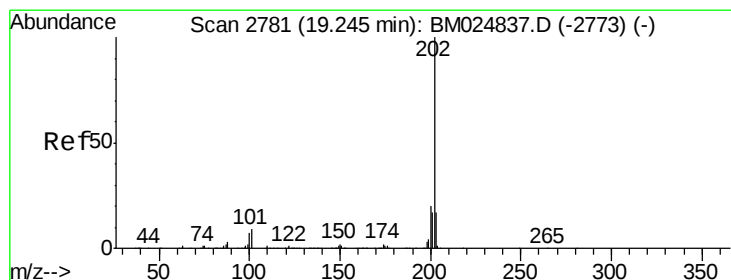
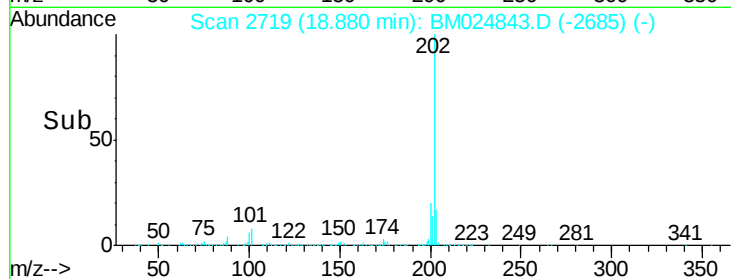
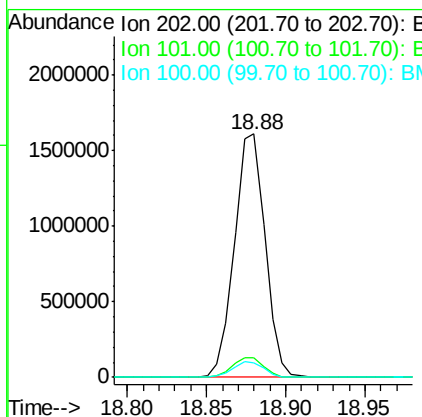
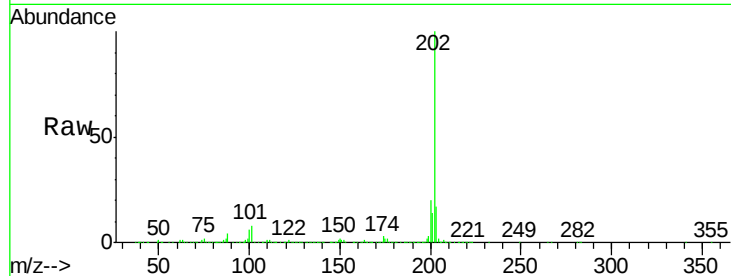
#77
 Fluoranthene
 Concen: 19.803 ng/ul
 RT: 18.88 min Scan# 2719
 Delta R.T. 0.00 min
 Lab File: BM024843.D
 Acq: 11 Feb 2020 20:28

Instrument :
 BNA_M
 ClientSampleId :
 CB6P5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		2162003		
101	7.9	6.1	9.1		
100	5.7	4.8	7.2		

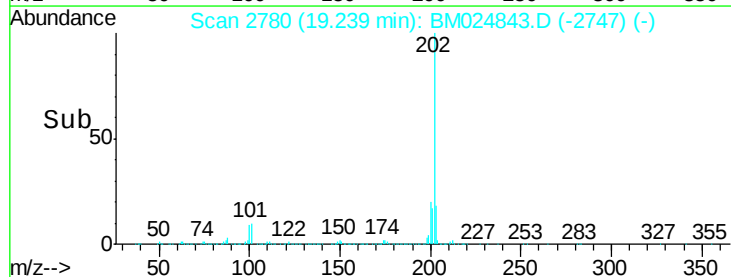
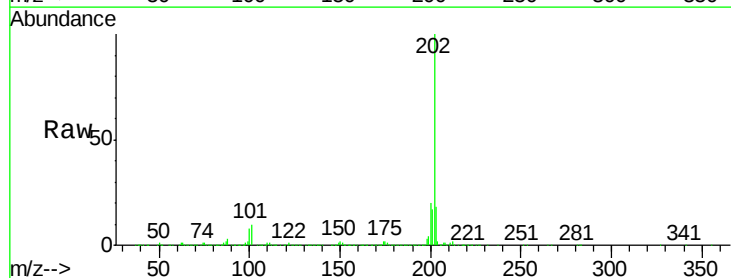
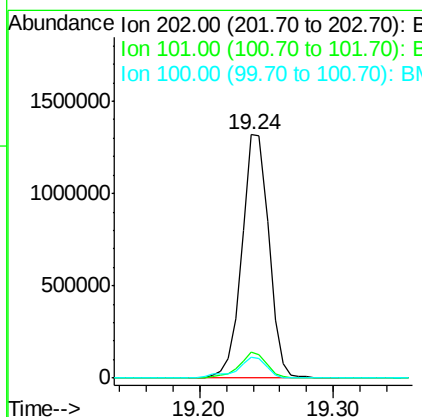
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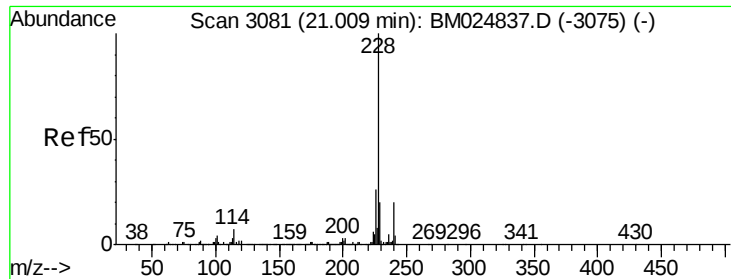
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#80
 Pyrene
 Concen: 17.835 ng/ul
 RT: 19.24 min Scan# 2780
 Delta R.T. -0.01 min
 Lab File: BM024843.D
 Acq: 11 Feb 2020 20:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1834584		
101	10.4	7.0	10.4		
100	8.5	5.8	8.8		





#83

Benzo(a)anthracene

Concen: 9.625 ng/ul

RT: 21.00 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM024843.D

Acq: 11 Feb 2020 20:28

Instrument :

BNA_M

ClientSampleId :

CB6P5

Tot Ion:228 Resp: 1007526

Ion Ratio Lower Upper

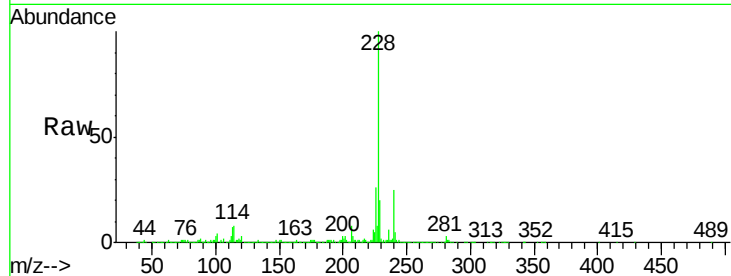
228 100

229 19.9 15.9 23.9

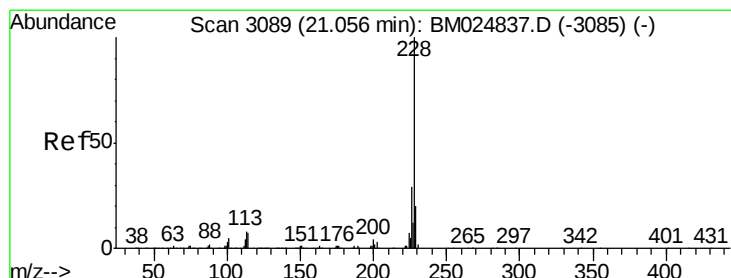
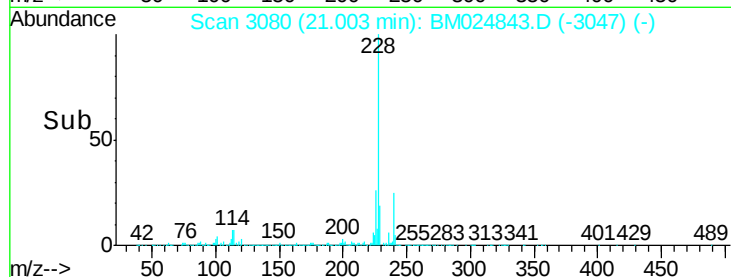
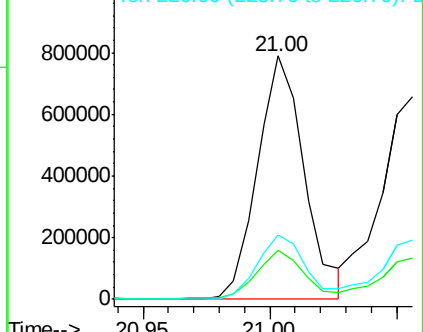
226 26.3 20.8 31.2

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#85

Chrysene

Concen: 8.795 ng/ul

RT: 21.06 min Scan# 3089

Delta R.T. 0.00 min

Lab File: BM024843.D

Acq: 11 Feb 2020 20:28

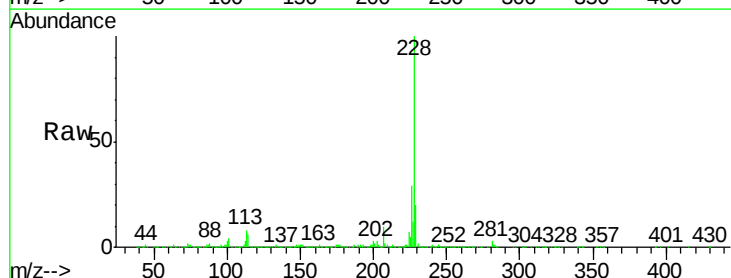
Tgt Ion:228 Resp: 906336

Ion Ratio Lower Upper

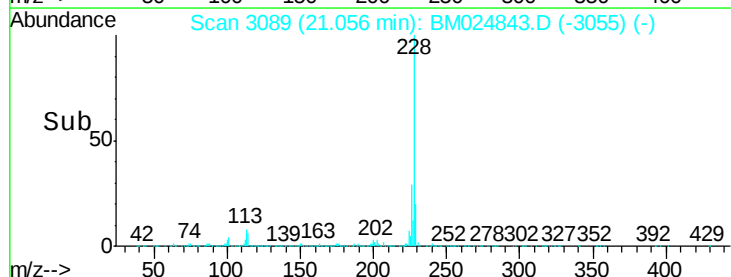
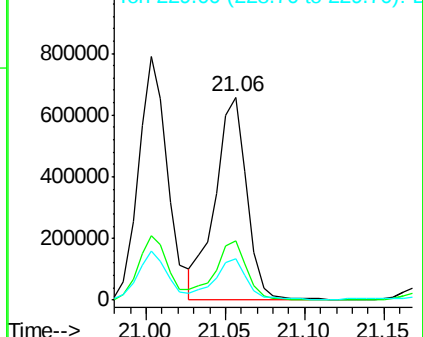
228 100

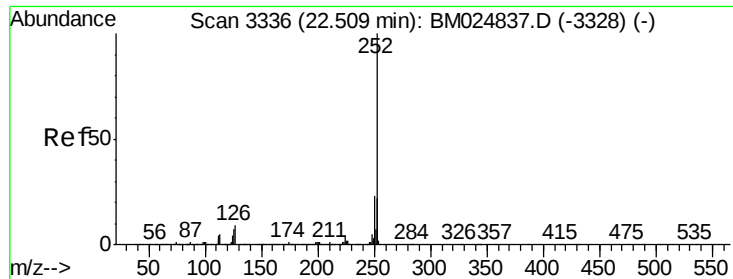
226 29.1 23.0 34.4

229 20.3 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





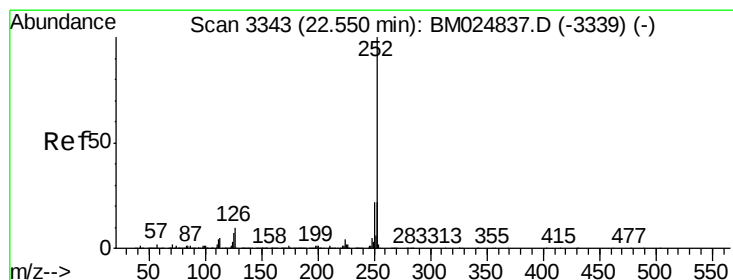
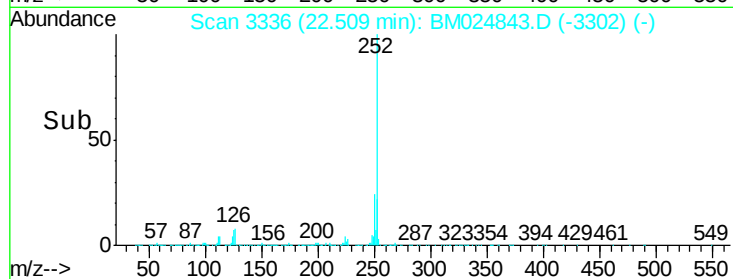
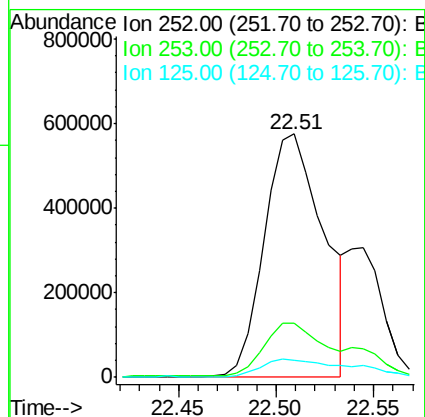
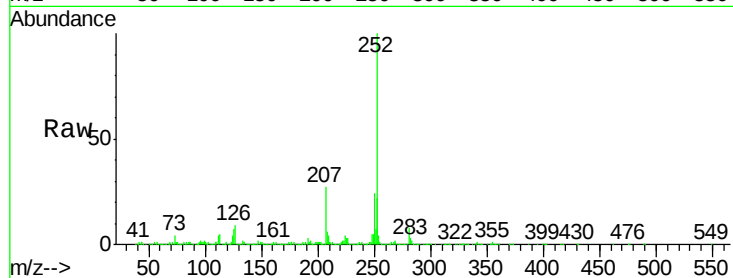
#88
Benzo(b)fluoranthene
Concen: 11.808 ng/ul
RT: 22.51 min Scan# 3336
Delta R.T. 0.00 min
Lab File: BM024843.D
Acq: 11 Feb 2020 20:28

Instrument :
BNA_M
ClientSampleId :
CB6P5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	7.2	5.1	7.7

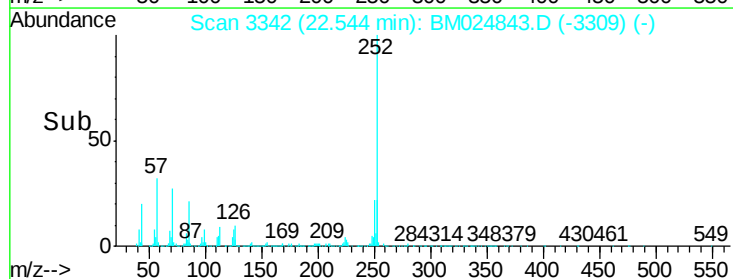
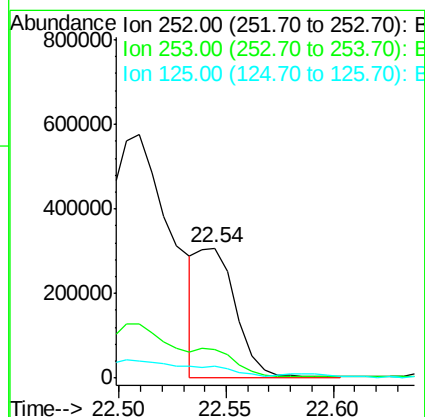
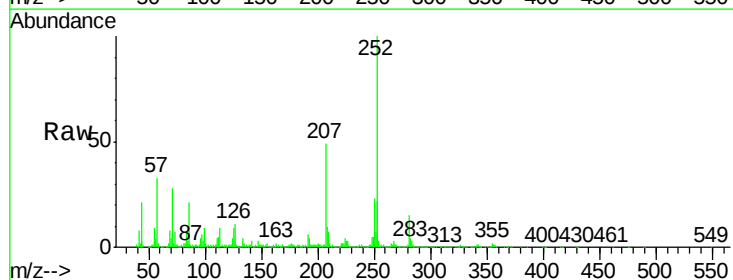
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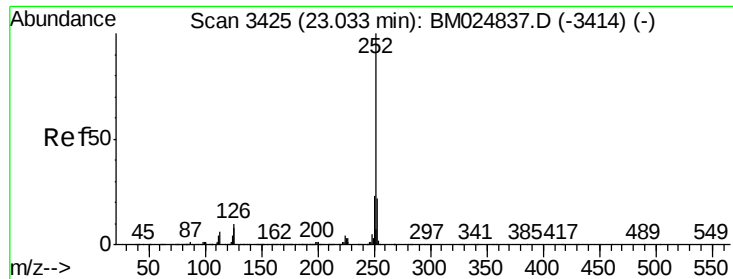
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#89
Benzo(k)fluoranthene
Concen: 3.889 ng/ul m
RT: 22.54 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BM024843.D
Acq: 11 Feb 2020 20:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	8.9	5.1	7.7#





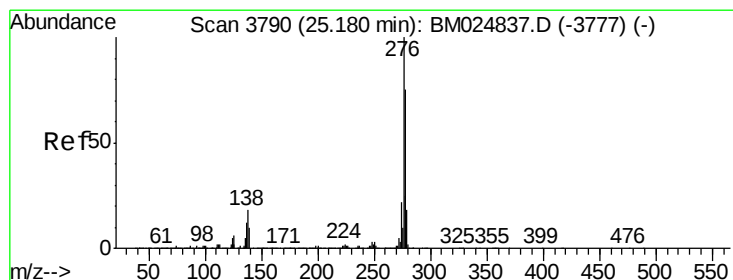
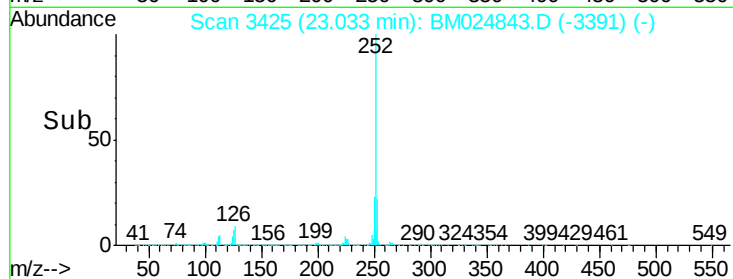
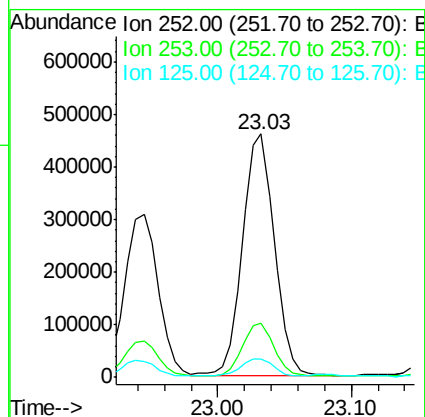
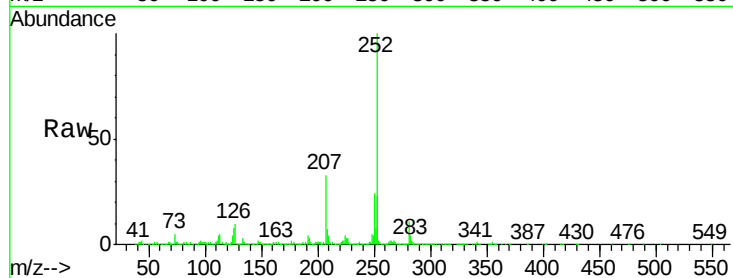
#91
Benzo(a)pyrene
Concen: 8.303 ng/ul
RT: 23.03 min Scan# 3425
Delta R.T. 0.00 min
Lab File: BM024843.D
Acq: 11 Feb 2020 20:28

Instrument :
BNA_M
ClientSampleId :
CB6P5

Tot Ion:	252	Resp:	761634
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.5	26.3
125	7.6	5.6	8.4

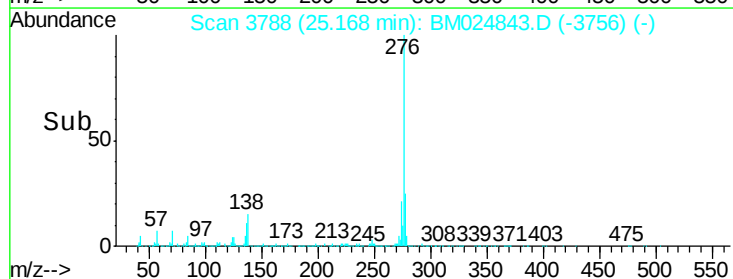
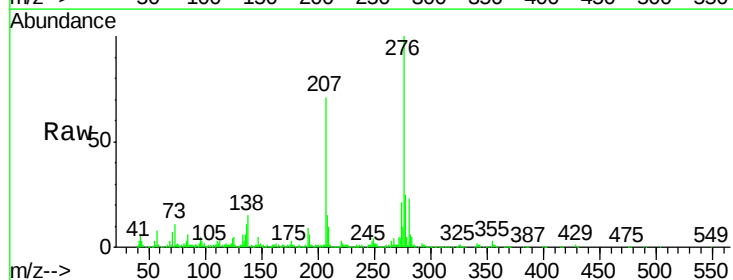
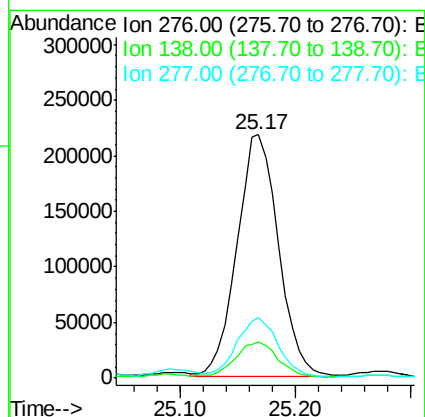
Manual Integrations
APPROVED

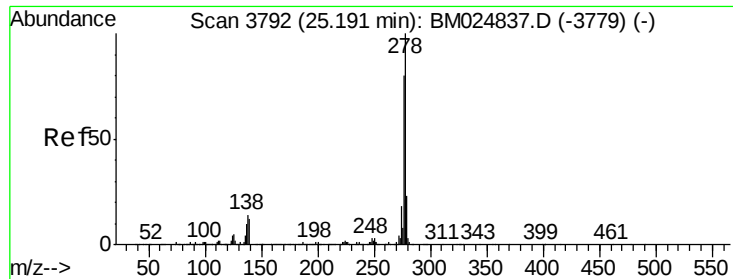
mohammad
2/12/2020 3:52:36 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 4.753 ng/ul
RT: 25.17 min Scan# 3788
Delta R.T. -0.01 min
Lab File: BM024843.D
Acq: 11 Feb 2020 20:28

Tgt Ion:	276	Resp:	542824
Ion Ratio	Lower	Upper	
276	100		
138	15.1	12.8	19.2
277	24.8	19.3	28.9





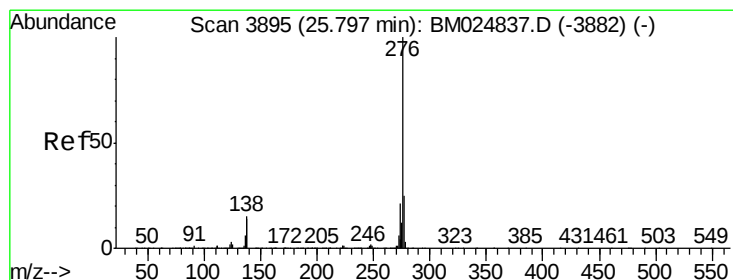
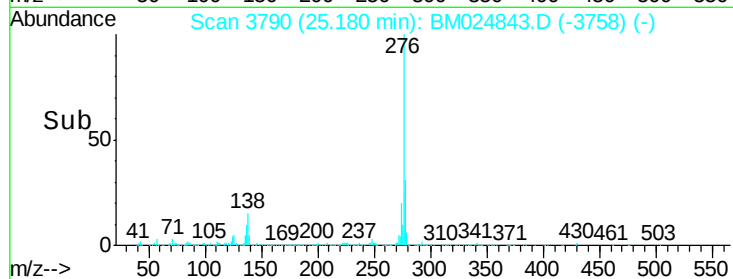
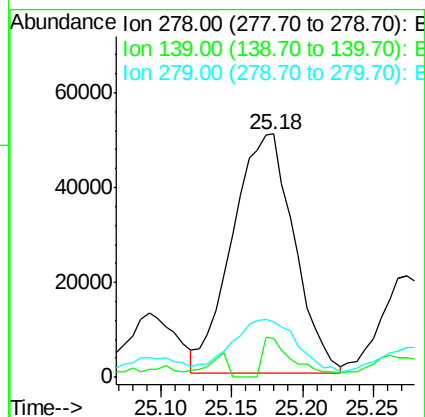
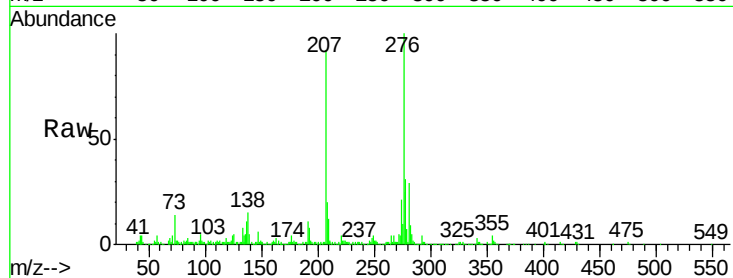
#93
Dibenzo(a,h)anthracene
Concen: 1.583 ng/ul
RT: 25.18 min Scan# 3790
Delta R.T. -0.01 min
Lab File: BM024843.D
Acq: 11 Feb 2020 20:28

Instrument :
BNA_M
ClientSampleId :
CB6P5

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	8.4	12.6#
279	23.0	18.5	27.7

Manual Integrations
APPROVED

mohammad
2/12/2020 3:52:36 PM



#94
Benzo(g,h,i)perylene
Concen: 4.814 ng/ul
RT: 25.79 min Scan# 3893
Delta R.T. -0.01 min
Lab File: BM024843.D
Acq: 11 Feb 2020 20:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.4	11.8	17.6
277	23.0	19.0	28.6

