

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024739.D
 Acq On : 06 Feb 2020 22:02
 Operator : CG/JU
 Sample : L1398-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6D9

Manual Integrations
 APPROVED

mohammad
 2/10/2020 8:21:53 AM

Quant Time: Feb 07 01:02:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 06 16:50:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	295402	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	1176752	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	796639	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1757140	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1653184	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1877447	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	26307	4.28	ng/uL	0.00
5) Phenol-d5	6.60	99	482305	24.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	280426	25.30	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	440039	25.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	399183	24.11	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	216879	25.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	260332	25.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	483933	23.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	504816	26.61	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1544937	25.69	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1817392	25.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	215643	22.07	ng/ul	0.00
58) Fluorene-d10	15.06	176	1352533	25.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	258978	22.61	ng/ul	0.00
71) Anthracene-d10	16.92	188	2074212	25.86	ng/ul	0.00
79) Pyrene-d10	19.22	212	2336020	28.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	2533558	26.87	ng/ul	0.00
Target Compounds				Ovalue		
28) Naphthalene	10.22	128	375080	6.238	ng/ul	99
34) 2-Methylnaphthalene	11.85	142	137351	3.101	ng/ul	97
45) Dimethylphthalate	13.53	163	149806	2.388	ng/ul	98
50) Acenaphthene	14.13	153	241975	4.926	ng/ul	97
54) Dibenzofuran	14.46	168	325636	4.447	ng/ul	98
59) Fluorene	15.12	166	347785	5.763	ng/ul	100
70) Phenanthrene	16.86	178	4196800	43.804	ng/ul	99
72) Anthracene	16.95	178	927003	9.540	ng/ul	99
75) Carbazole	17.22	167	412634	5.098	ng/ul	99
77) Fluoranthene	18.89	202	4973976	42.291	ng/ul	99
80) Pyrene	19.25	202	4119616	37.646	ng/ul	99
83) Benzo(a)anthracene	21.02	228	2243579	20.148	ng/ul	99
85) Chrysene	21.07	228	2114769	19.290	ng/ul	99
88) Benzo(b)fluoranthene	22.52	252	2676320	22.418	ng/ul	99
89) Benzo(k)fluoranthene	22.56	252	890295m	7.748	ng/ul	
91) Benzo(a)pyrene	23.04	252	1815176	16.959	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.19	276	1241352	9.316	ng/ul	97
93) Dibenzo(a,h)anthracene	25.20	278	353727	3.116	ng/ul#	96
94) Benzo(g,h,i)perylene	25.81	276	1122593	10.130	ng/ul	100

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

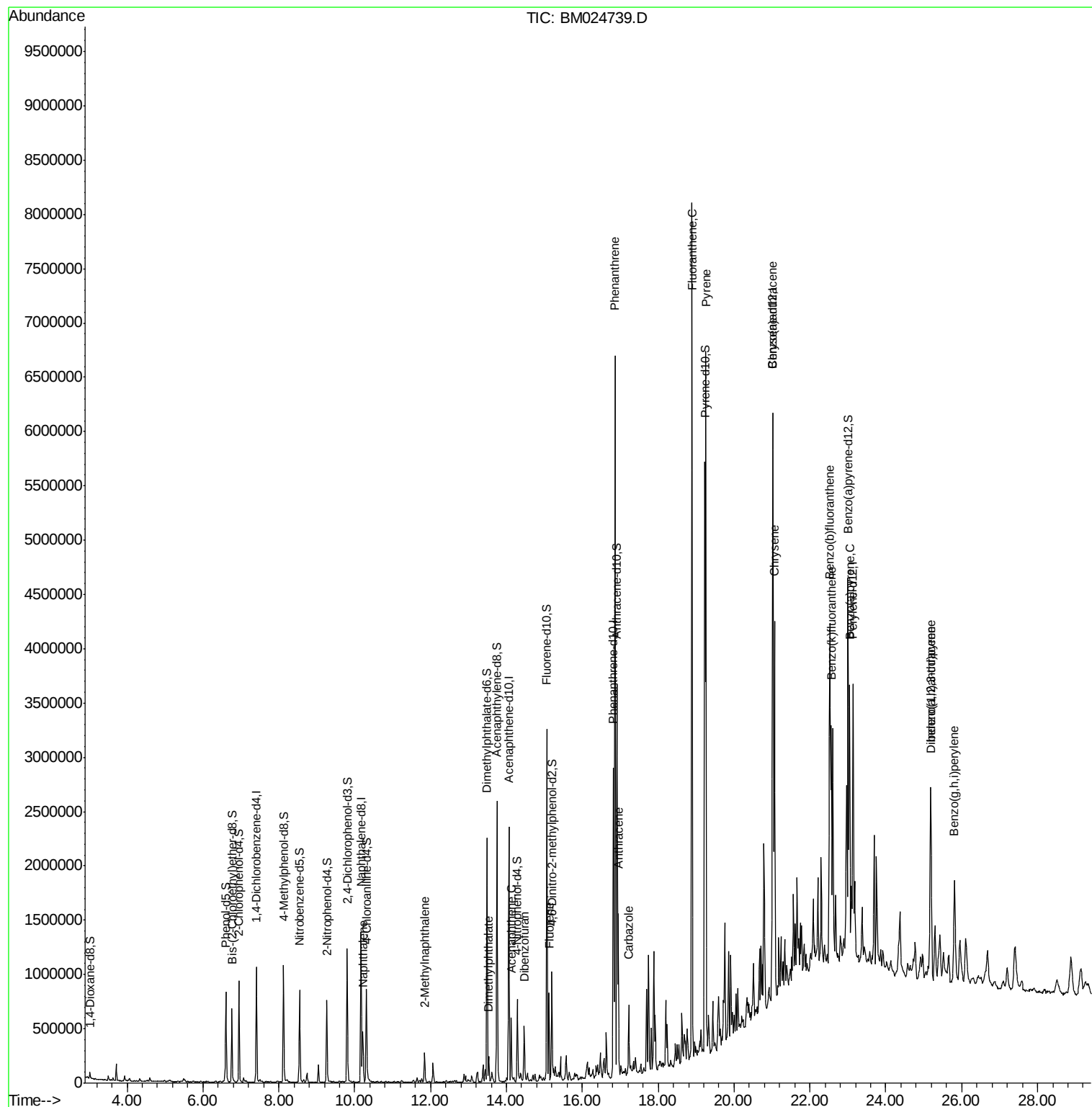
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024739.D
Acq On : 06 Feb 2020 22:02
Operator : CG/JU
Sample : L1398-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

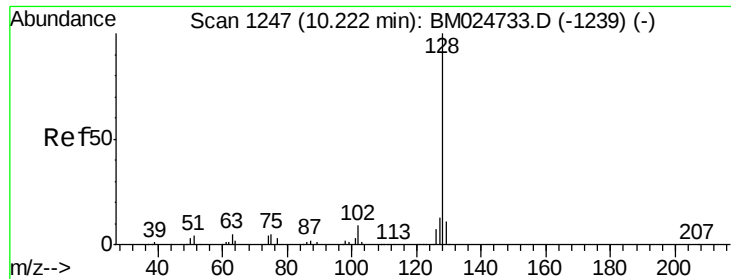
Instrument :
BNA_M
ClientSampleId :
CB6D9

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Quant Time: Feb 07 01:02:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
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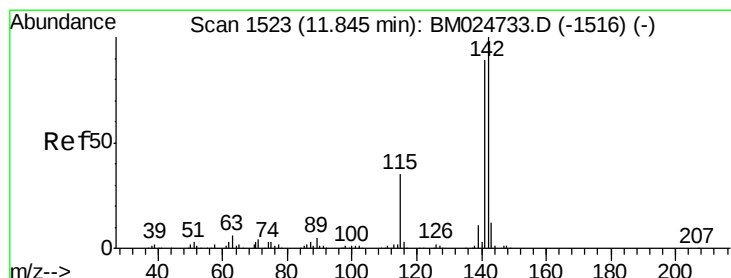
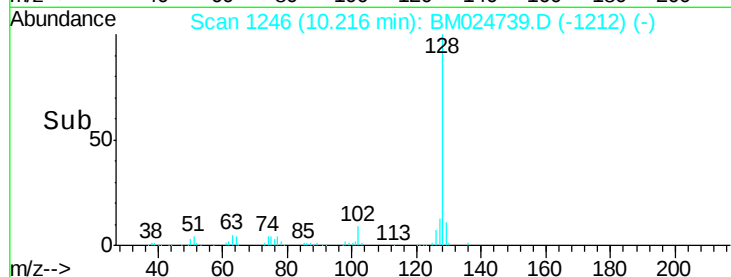
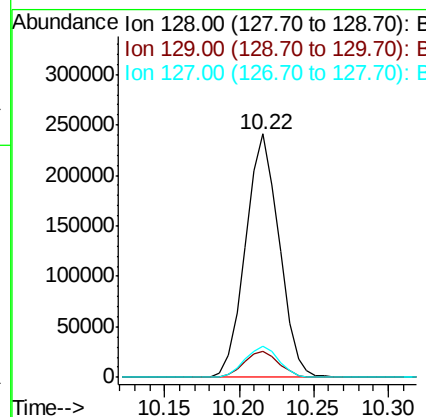
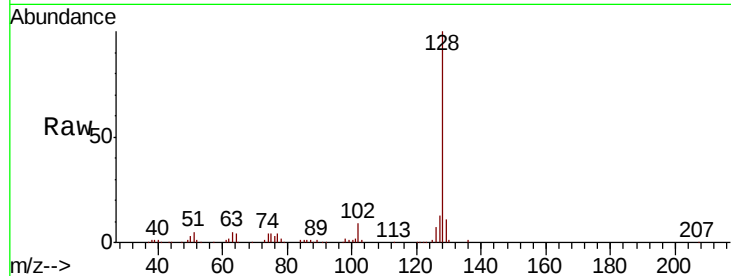
#28
Naphthalene
Concen: 6.238 ng/ul
RT: 10.22 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM024739.D
Acq: 06 Feb 2020 22:02

Instrument :
BNA_M
ClientSampleId :
CB6D9

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.1	13.7
127	12.7	10.4	15.6

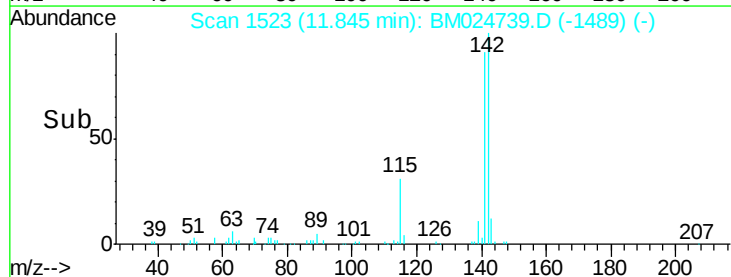
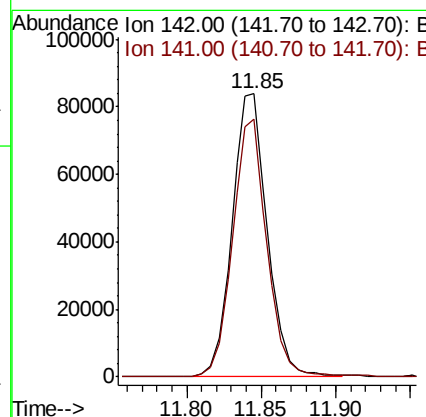
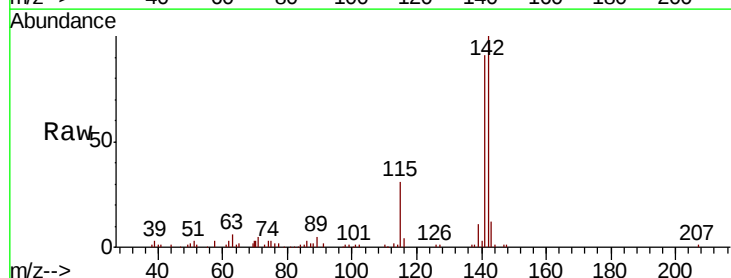
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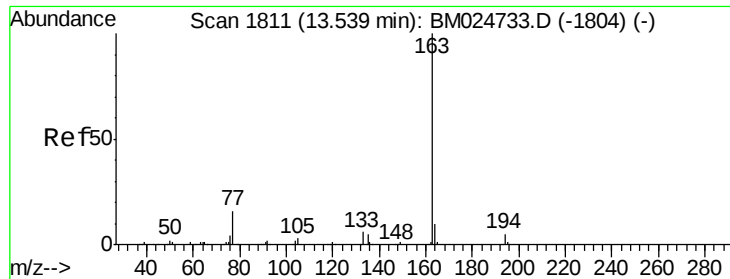
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#34
2-Methylnaphthalene
Concen: 3.101 ng/ul
RT: 11.85 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BM024739.D
Acq: 06 Feb 2020 22:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	70.5	105.7





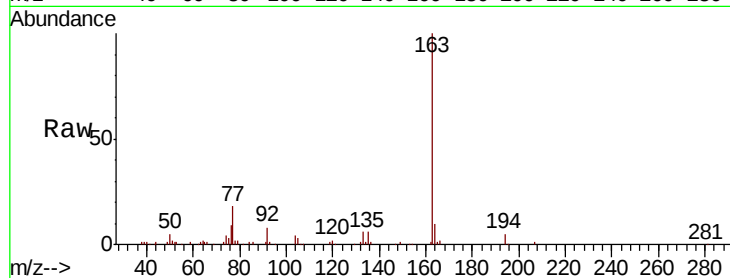
#45
Dimethylphthalate
Concen: 2.388 ng/ul
RT: 13.53 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BM024739.D
Acq: 06 Feb 2020 22:02

Instrument :
BNA_M
ClientSampled :
CB6D9

Tot Ion	Ratio	Resp	Lower	Upper
163	100	149806		
194	5.2		3.5	5.3
164	9.6		8.2	12.2

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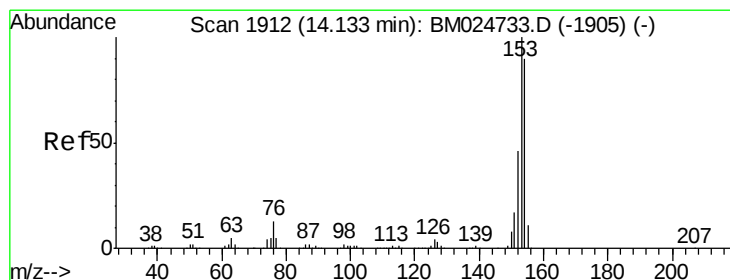
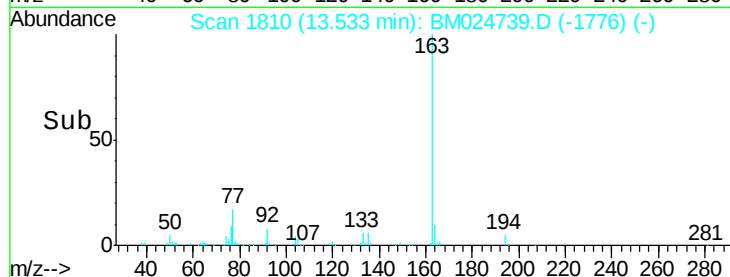
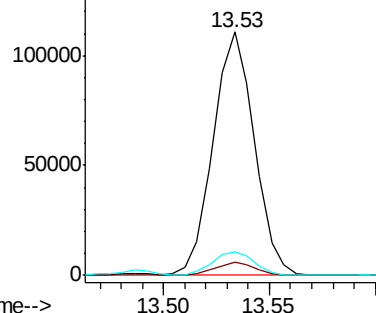


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
Acenaphthene
Concen: 4.926 ng/ul
RT: 14.13 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BM024739.D
Acq: 06 Feb 2020 22:02

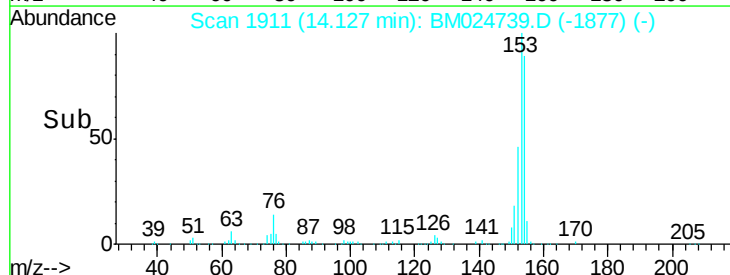
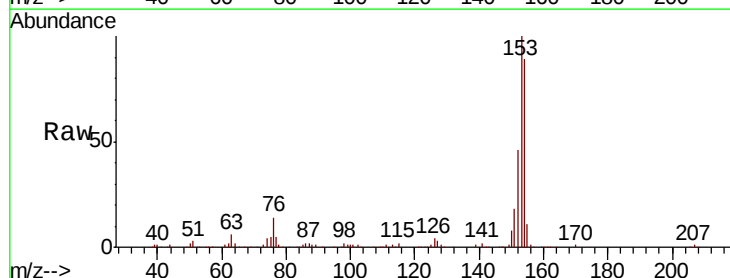
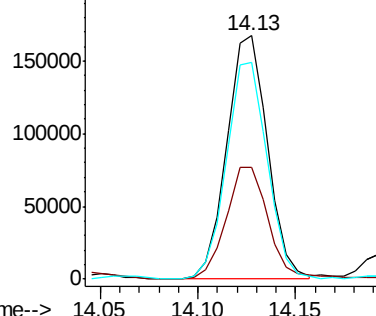
Tgt Ion	Ratio	Resp	Lower	Upper
153	100	241975		
152	45.8		37.3	55.9
154	88.9		74.1	111.1

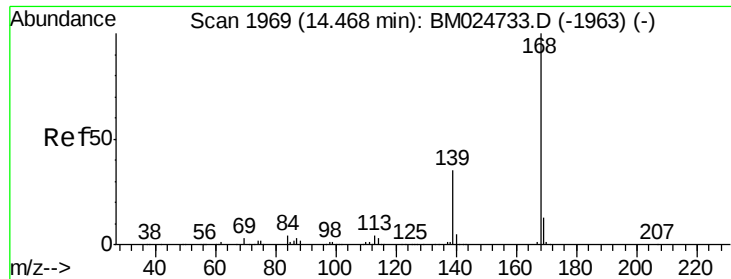
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





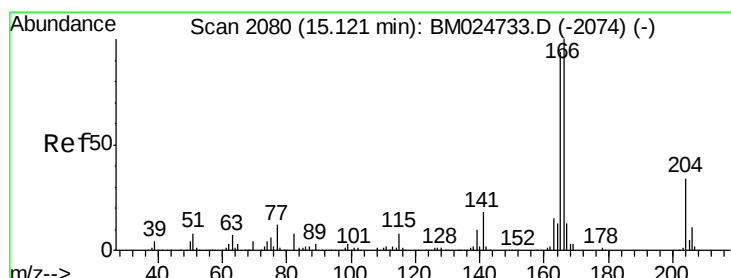
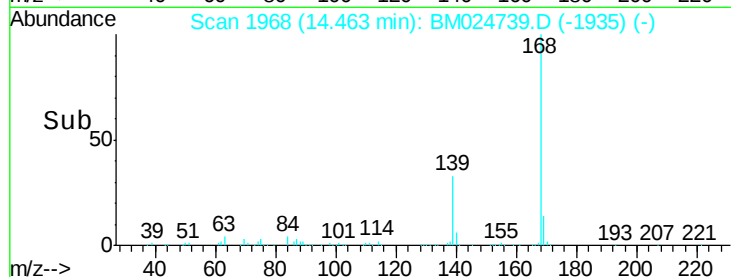
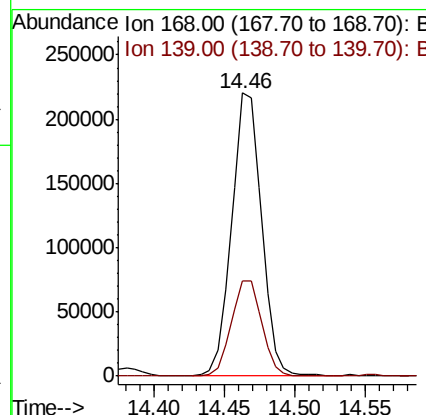
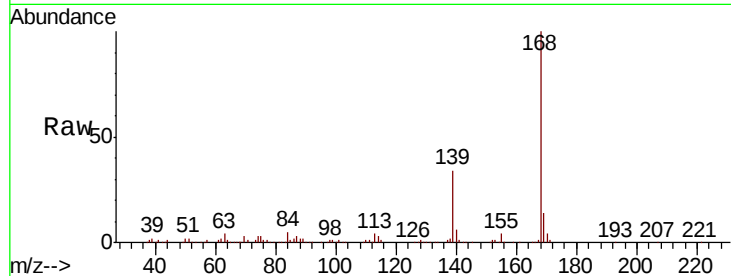
#54
Dibenzofuran
Concen: 4.447 ng/ul
RT: 14.46 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BM024739.D
Acq: 06 Feb 2020 22:02

Instrument :
BNA_M
ClientSampled :
CB6D9

Tot Ion	Ratio	Lower	Upper
168	100		
139	33.8	27.8	41.8

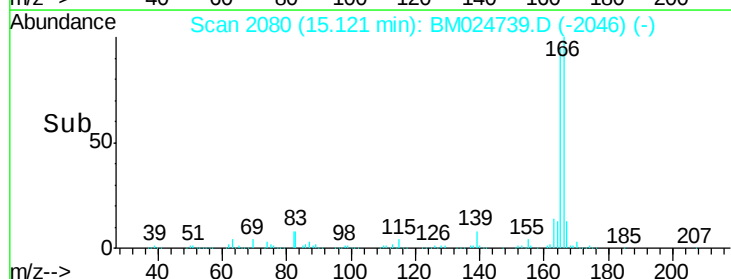
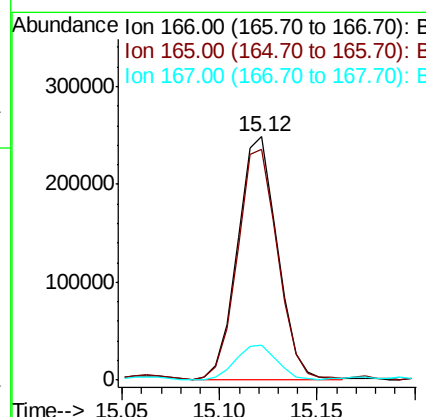
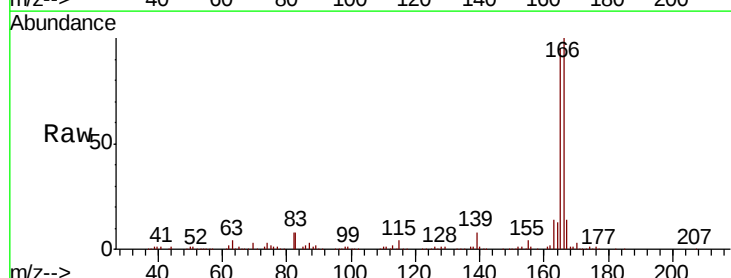
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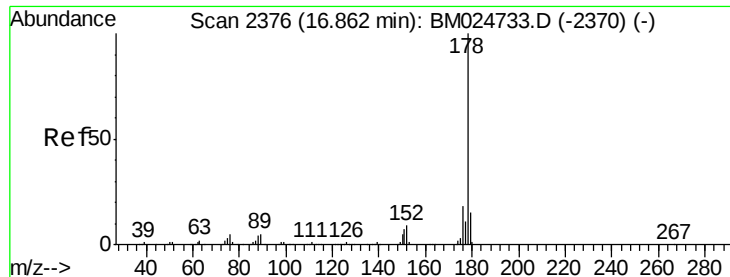
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#59
Fluorene
Concen: 5.763 ng/ul
RT: 15.12 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BM024739.D
Acq: 06 Feb 2020 22:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.1	75.8	113.8
167	14.1	10.6	16.0





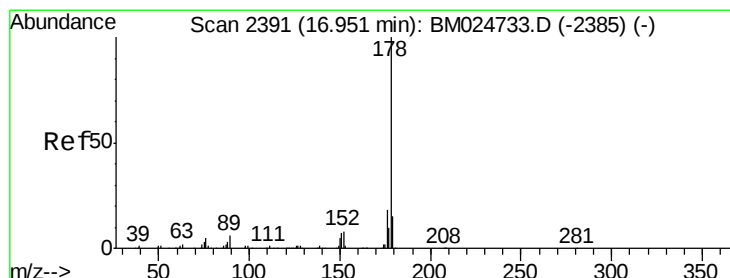
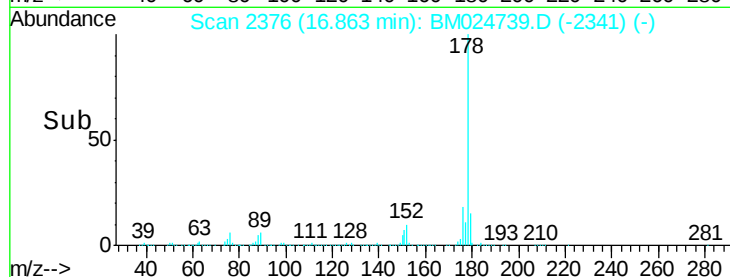
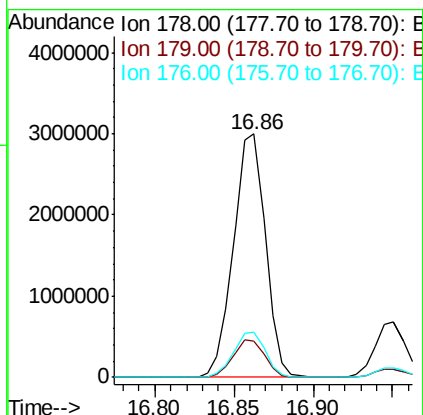
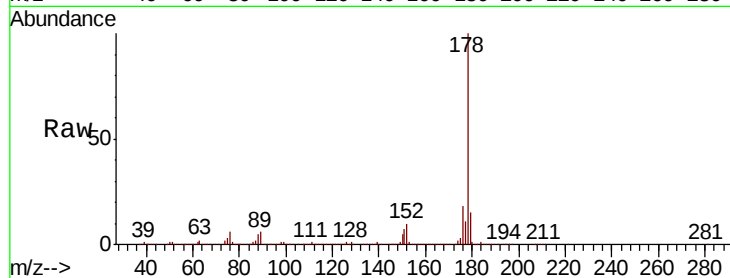
#70
Phenanthrene
Concen: 43.804 ng/ul
RT: 16.86 min Scan# 2376
Delta R.T. 0.01 min
Lab File: BM024739.D
Acq: 06 Feb 2020 22:02

Instrument :
BNA_M
ClientSampleId :
CB6D9

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	18.4	14.5	21.7

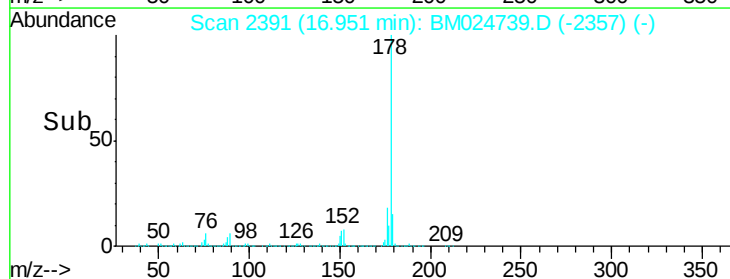
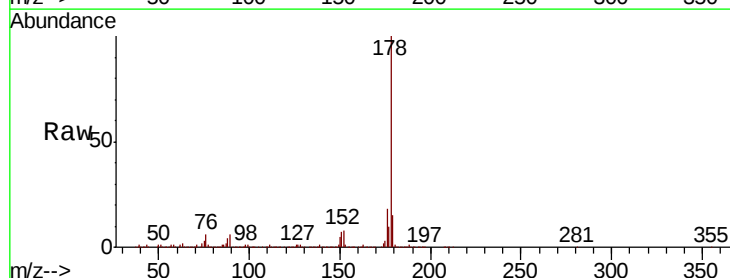
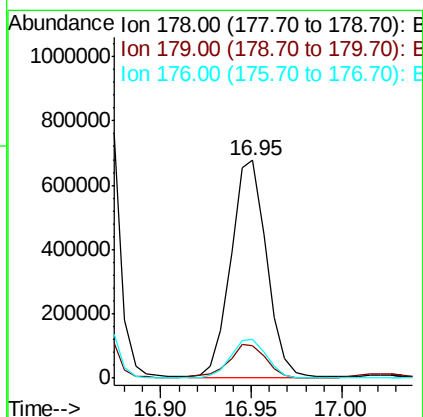
Manual Integrations
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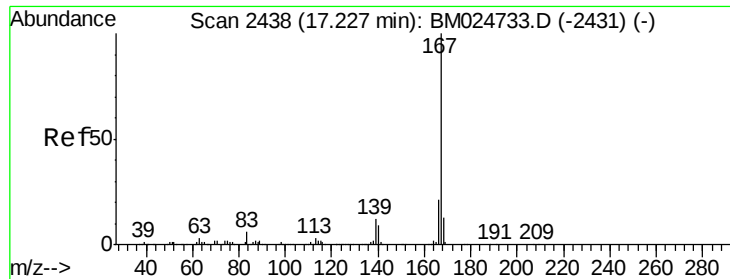
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#72
Anthracene
Concen: 9.540 ng/ul
RT: 16.95 min Scan# 2391
Delta R.T. 0.00 min
Lab File: BM024739.D
Acq: 06 Feb 2020 22:02

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	18.0	14.1	21.1





#75

Carbazole

Concen: 5.098 ng/ul

RT: 17.22 min Scan# 2437

Delta R.T. 0.00 min

Lab File: BM024739.D

Acq: 06 Feb 2020 22:02

Instrument :

BNA_M

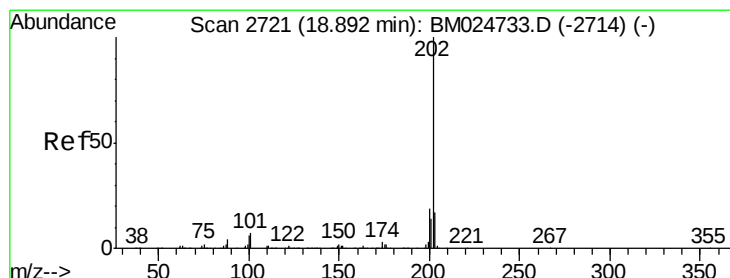
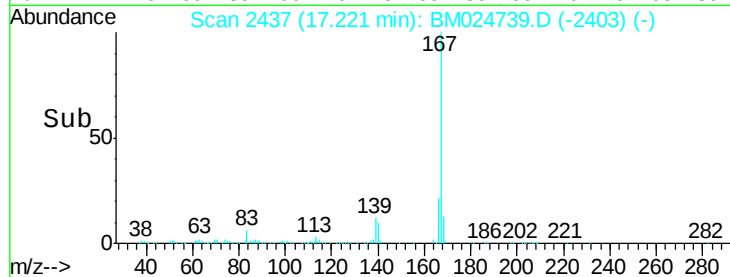
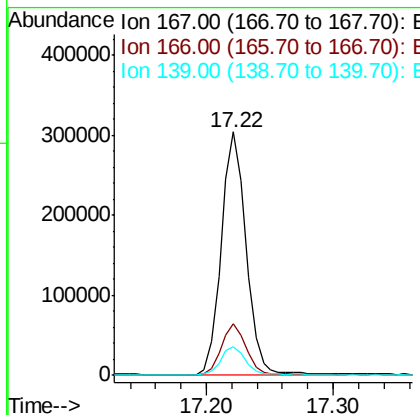
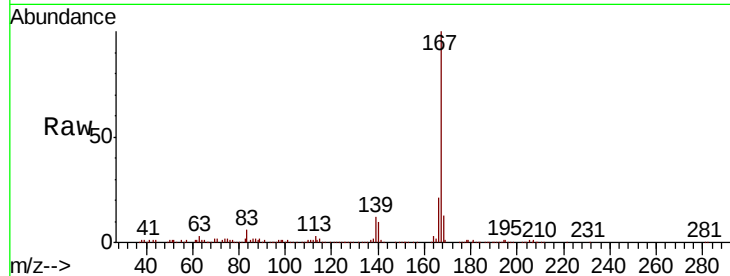
ClientSampleId :

CB6D9

Tot Ion:	167	Resp:	412634
Ion Ratio	Lower	Upper	
167	100		
166	21.2	16.6	24.8
139	12.0	9.3	13.9

Manual Integrations
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#77

Fluoranthene

Concen: 42.291 ng/ul

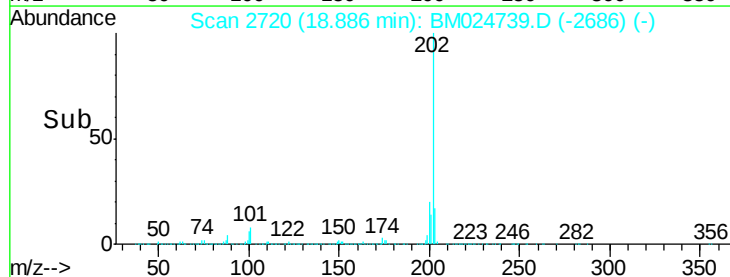
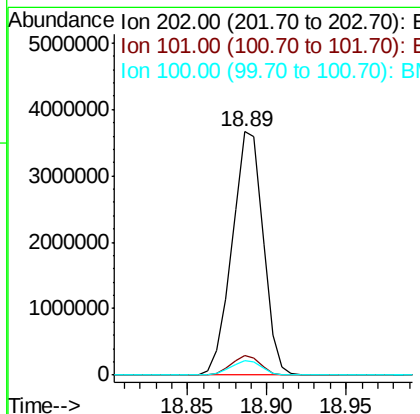
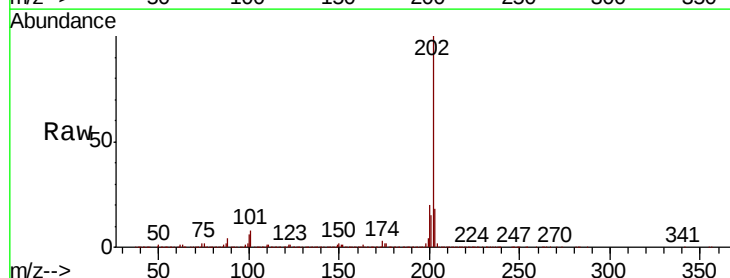
RT: 18.89 min Scan# 2720

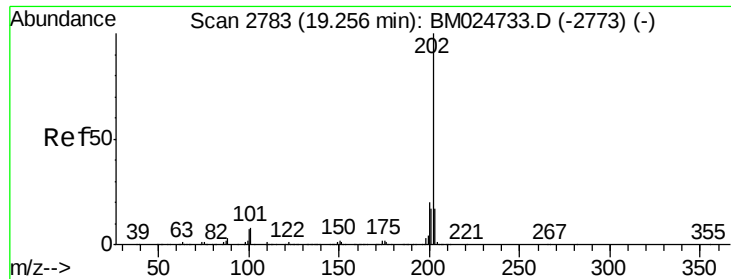
Delta R.T. 0.00 min

Lab File: BM024739.D

Acq: 06 Feb 2020 22:02

Tgt Ion:	202	Resp:	4973976
Ion Ratio	Lower	Upper	
202	100		
101	8.1	6.1	9.1
100	6.1	4.8	7.2





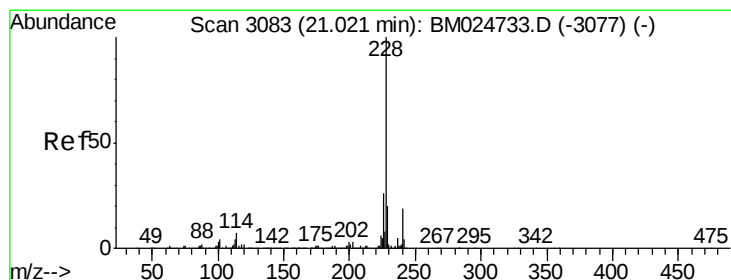
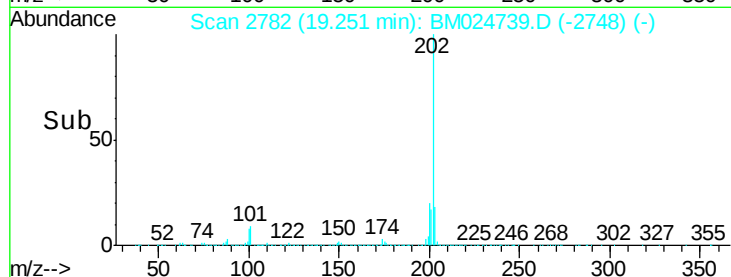
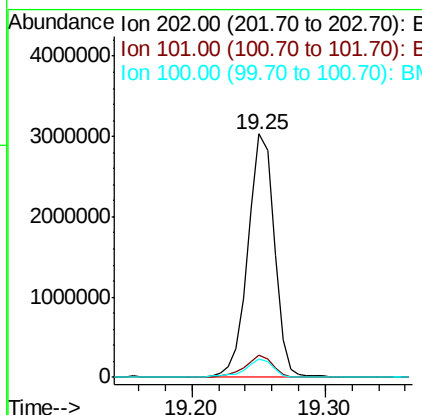
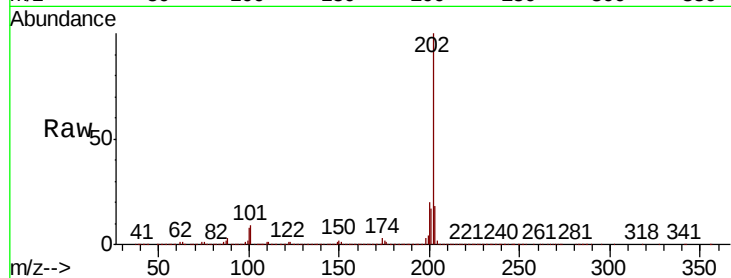
#80
Pvrene
Concen: 37.646 ng/ul
RT: 19.25 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BM024739.D
Acq: 06 Feb 2020 22:02

Instrument :
BNA_M
ClientSampleId :
CB6D9

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.0	10.4
100	7.5	5.8	8.8

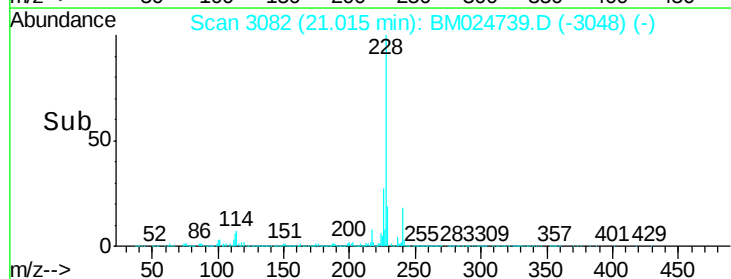
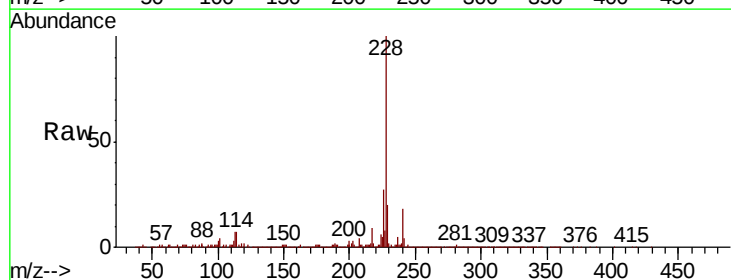
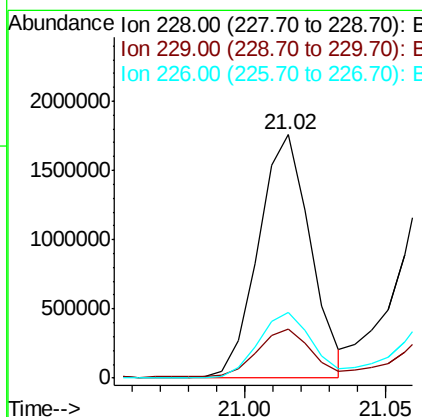
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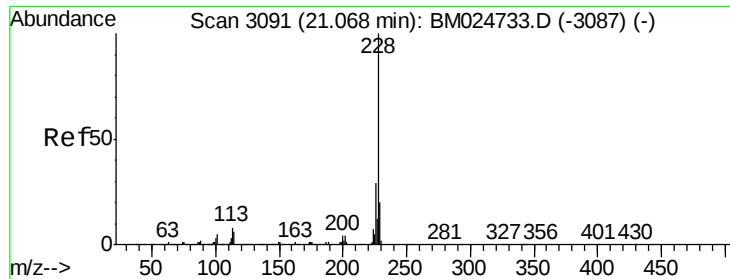
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#83
Benzo(a)anthracene
Concen: 20.148 ng/ul
RT: 21.02 min Scan# 3082
Delta R.T. 0.00 min
Lab File: BM024739.D
Acq: 06 Feb 2020 22:02

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.9	23.9
226	27.1	20.8	31.2





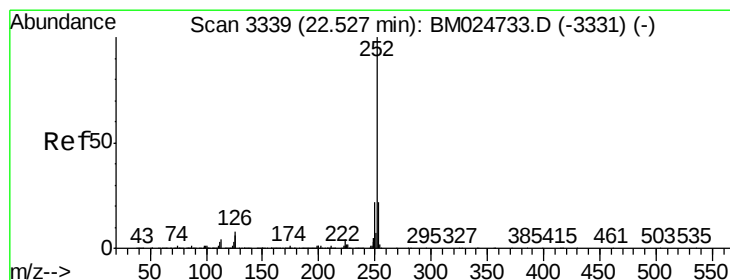
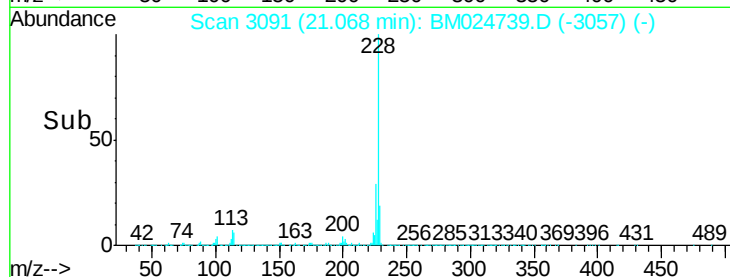
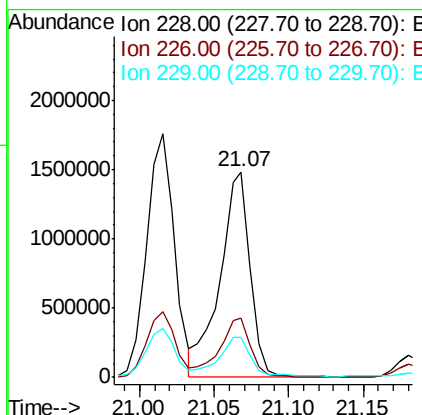
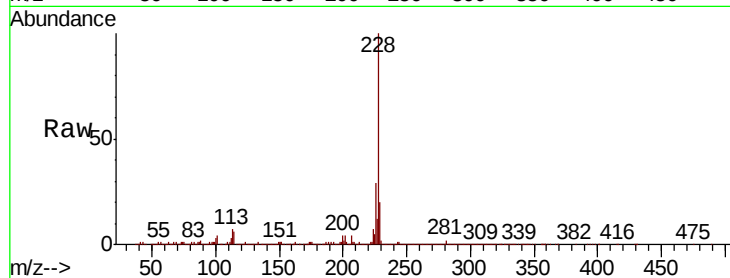
#85
Chrysene
Concen: 19.290 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BM024739.D
Acq: 06 Feb 2020 22:02

Instrument :
BNA_M
ClientSampleId :
CB6D9

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.4
229	19.7	15.8	23.8

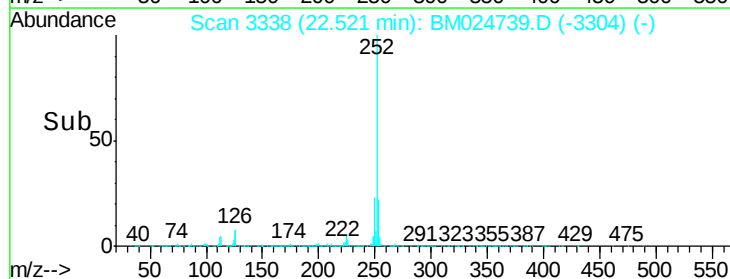
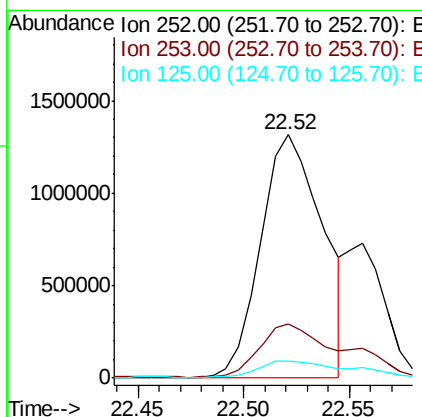
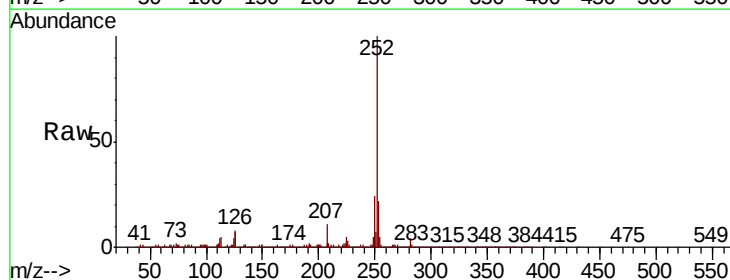
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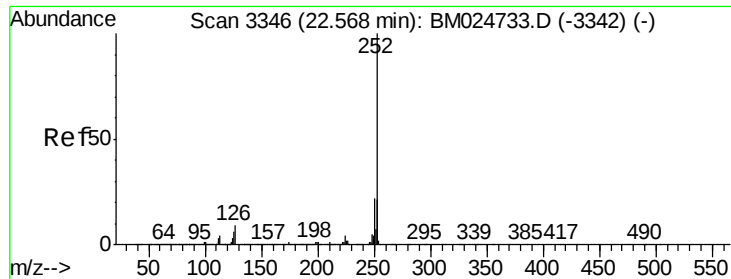
mohammad
2/10/2020 8:21:53 AM



#88
Benzo(b)fluoranthene
Concen: 22.418 ng/ul
RT: 22.52 min Scan# 3338
Delta R.T. 0.00 min
Lab File: BM024739.D
Acq: 06 Feb 2020 22:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	7.2	5.1	7.7





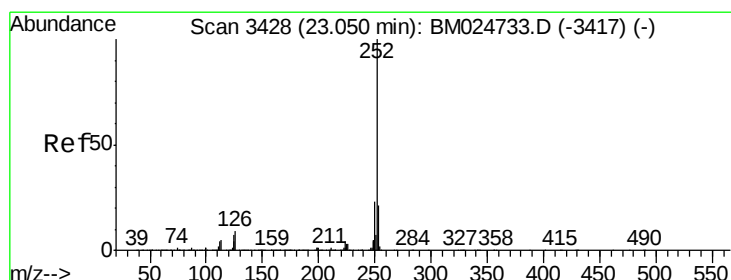
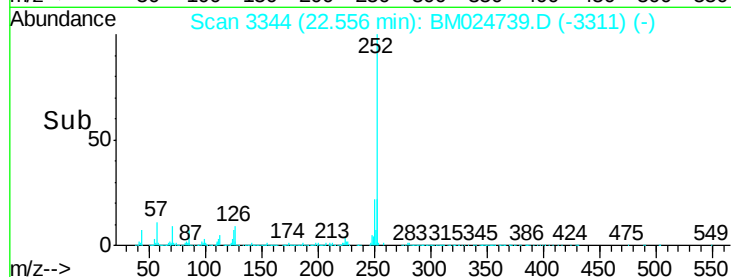
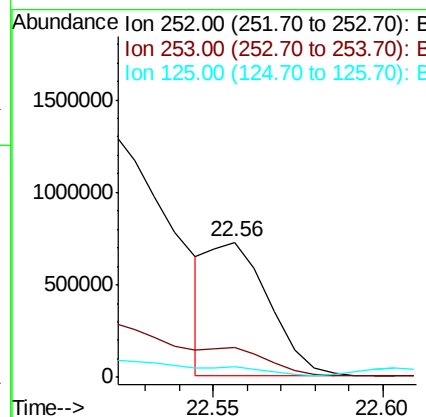
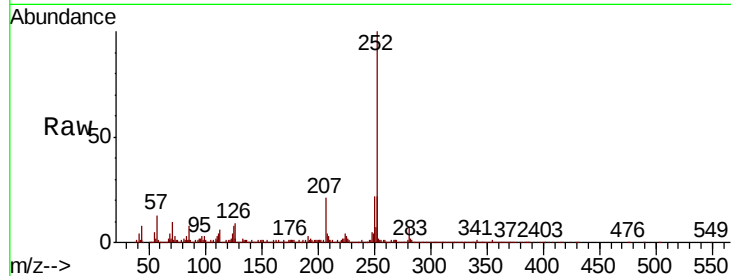
#89
Benzo(k)fluoranthene
Concen: 7.748 ng/ul m
RT: 22.56 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BM024739.D
Acq: 06 Feb 2020 22:02

Instrument :
BNA_M
ClientSampleId :
CB6D9

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

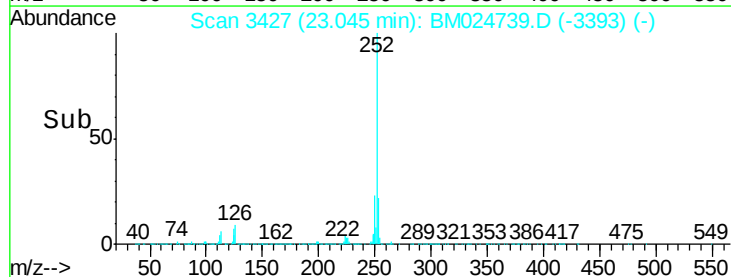
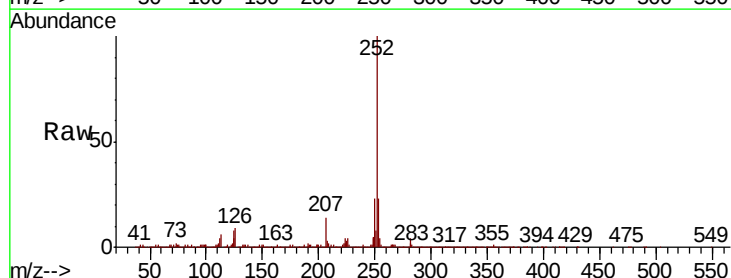
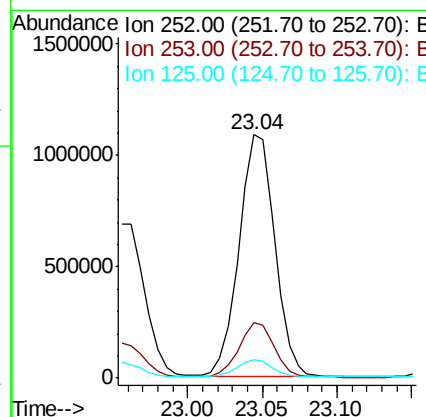
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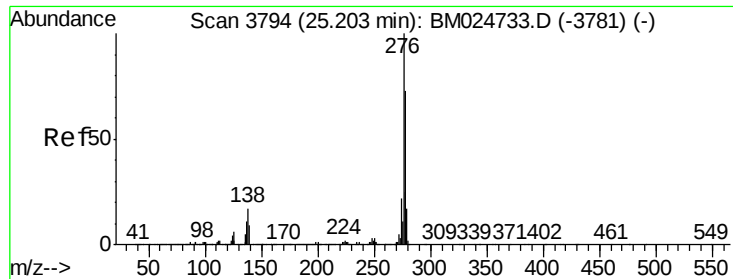
mohammad
2/10/2020 8:21:53 AM



#91
Benzo(a)pyrene
Concen: 16.959 ng/ul
RT: 23.04 min Scan# 3427
Delta R.T. 0.00 min
Lab File: BM024739.D
Acq: 06 Feb 2020 22:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	7.5	5.6	8.4





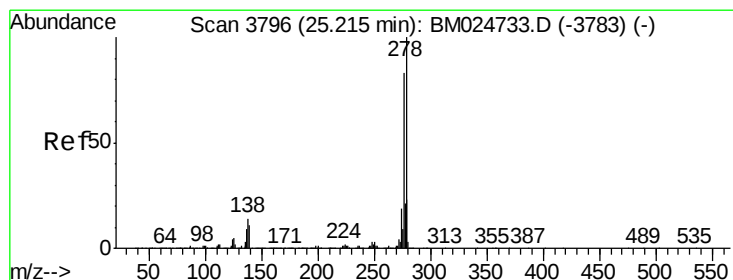
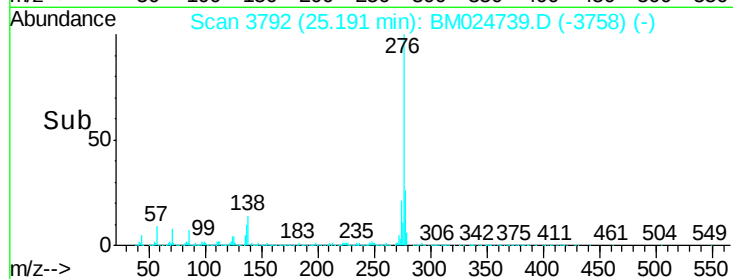
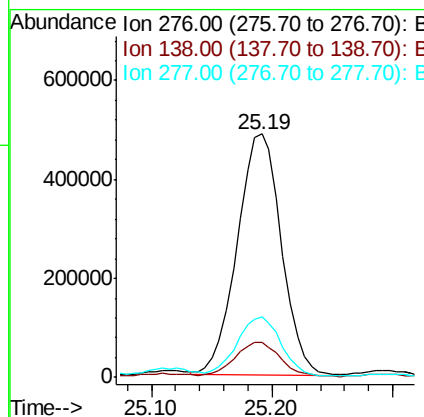
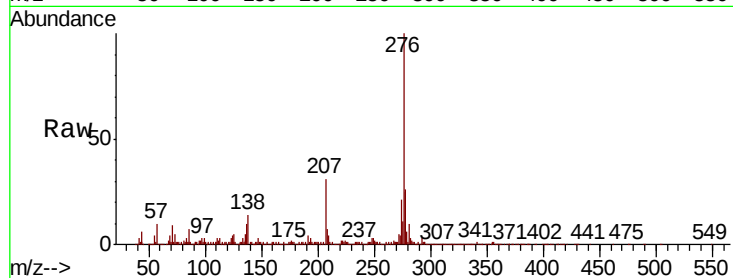
#92
Indeno(1,2,3-cd)pyrene
Concen: 9.316 ng/ul
RT: 25.19 min Scan# 3792
Delta R.T. 0.00 min
Lab File: BM024739.D
Acq: 06 Feb 2020 22:02

Instrument :
BNA_M
ClientSampleId :
CB6D9

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.1	12.8	19.2
277	24.7	19.3	28.9

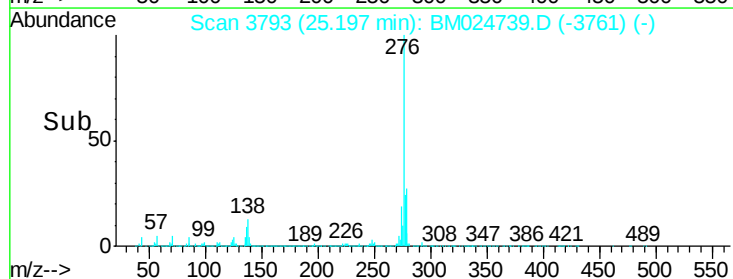
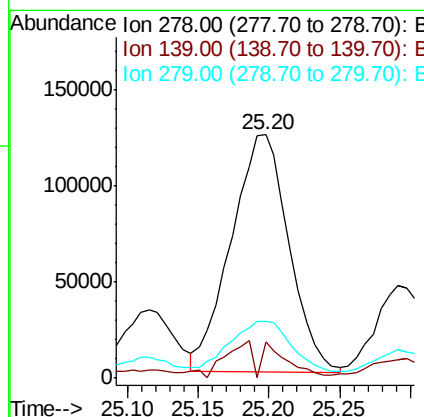
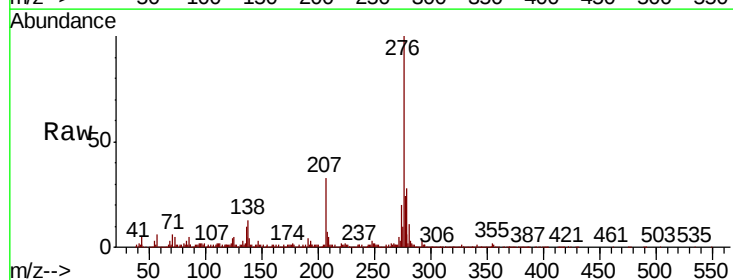
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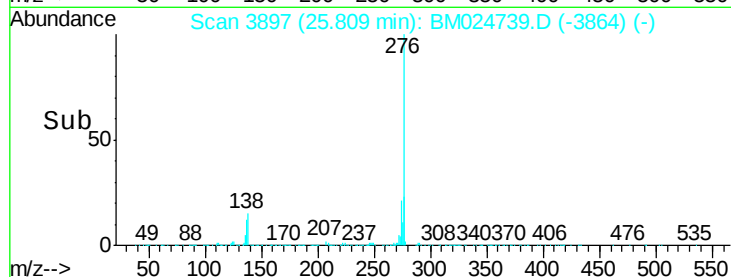
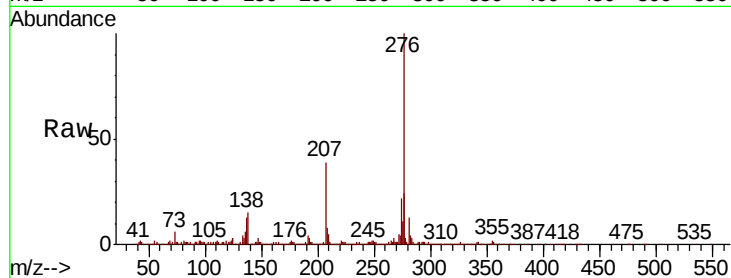
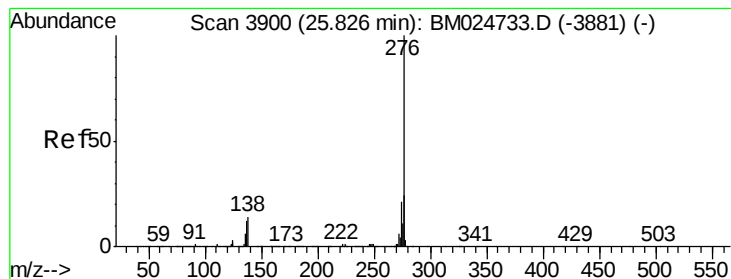
mohammad
2/10/2020 8:21:53 AM



#93
Dibenzo(a,h)anthracene
Concen: 3.116 ng/ul
RT: 25.20 min Scan# 3793
Delta R.T. -0.01 min
Lab File: BM024739.D
Acq: 06 Feb 2020 22:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	8.4	12.6#
279	23.4	18.5	27.7





#94

Benzo(a,h,i)perylene

Concen: 10.130 ng/ul

RT: 25.81 min Scan# 3897

Delta R.T. -0.01 min

Lab File: BM024739.D

Acq: 06 Feb 2020 22:02

Tot Ion:	276	Resp:	1122593
Ion Ratio	Lower	Upper	
276	100		
138	14.9	11.8	17.6
277	23.7	19.0	28.6

Instrument :

BNA_M

ClientSampleId :

CB6D9

Manual Integrations
APPROVED

mohammad
2/10/2020 8:21:53 AM

