

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
 Data File : BM025771.D
 Acq On : 25 Mar 2020 17:08
 Operator : CG/JU
 Sample : L1938-21
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB795

Manual Integrations
 APPROVED

mohammad
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Quant Time: Mar 25 17:56:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 25 07:24:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	200830	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	823340	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.20	164	508961	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.95	188	1061208	20.00	ng/ul	-0.01
78) Chrysene-d12	21.15	240	1094157	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	1239225	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	27212	5.68	ng/uL	0.00
5) Phenol-d5	6.75	99	515811	32.54	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	297793	32.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	438904	34.12	ng/ul	-0.01
13) 4-Methylphenol-d8	8.27	113	372494	28.60	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	222473	36.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	245218	37.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	443573	33.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	486651	31.50	ng/ul	-0.01
44) Dimethylphthalate-d6	13.63	166	1328613	34.35	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	1653654	35.68	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.42	143	224037	30.42	ng/ul	0.00
58) Fluorene-d10	15.20	176	1185169	34.90	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	189361	29.25	ng/ul	-0.01
71) Anthracene-d10	17.05	188	1711536	34.53	ng/ul	0.00
79) Pyrene-d10	19.35	212	1909300	36.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	2291770	36.12	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.72	77	16711	1.991	ng/ul	93
28) Naphthalene	10.38	128	62135	1.386	ng/ul	97
45) Dimethylphthalate	13.67	163	243896	6.057	ng/ul	99
50) Acenaphthene	14.27	153	38944	1.141	ng/ul	99
59) Fluorene	15.26	166	43325	1.064	ng/ul#	95
70) Phenanthrene	16.99	178	846432	13.551	ng/ul	99
72) Anthracene	17.09	178	182177	2.862	ng/ul	99
75) Carbazole	17.36	167	78343	1.408	ng/ul	98
77) Fluoranthene	19.02	202	1492903	20.276	ng/ul	99
80) Pyrene	19.38	202	1343833	18.287	ng/ul	99
83) Benzo(a)anthracene	21.13	228	801755	11.114	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.10	149	10142872	233.637	ng/ul#	90
85) Chrysene	21.19	228	691804	9.775	ng/ul	99
87) Di-n-octyl phthalate	21.94	149	134788	1.815	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	1070334	13.843	ng/ul	99
89) Benzo(k)fluoranthene	22.70	252	362313m	4.757	ng/ul	
91) Benzo(a)pyrene	23.21	252	716359	10.181	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.42	276	532709	5.733	ng/ul	95
93) Dibenzo(a,h)anthracene	25.42	278	146978	1.868	ng/ul#	95
94) Benzo(g,h,i)perylene	26.07	276	365987	4.779	ng/ul	98

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

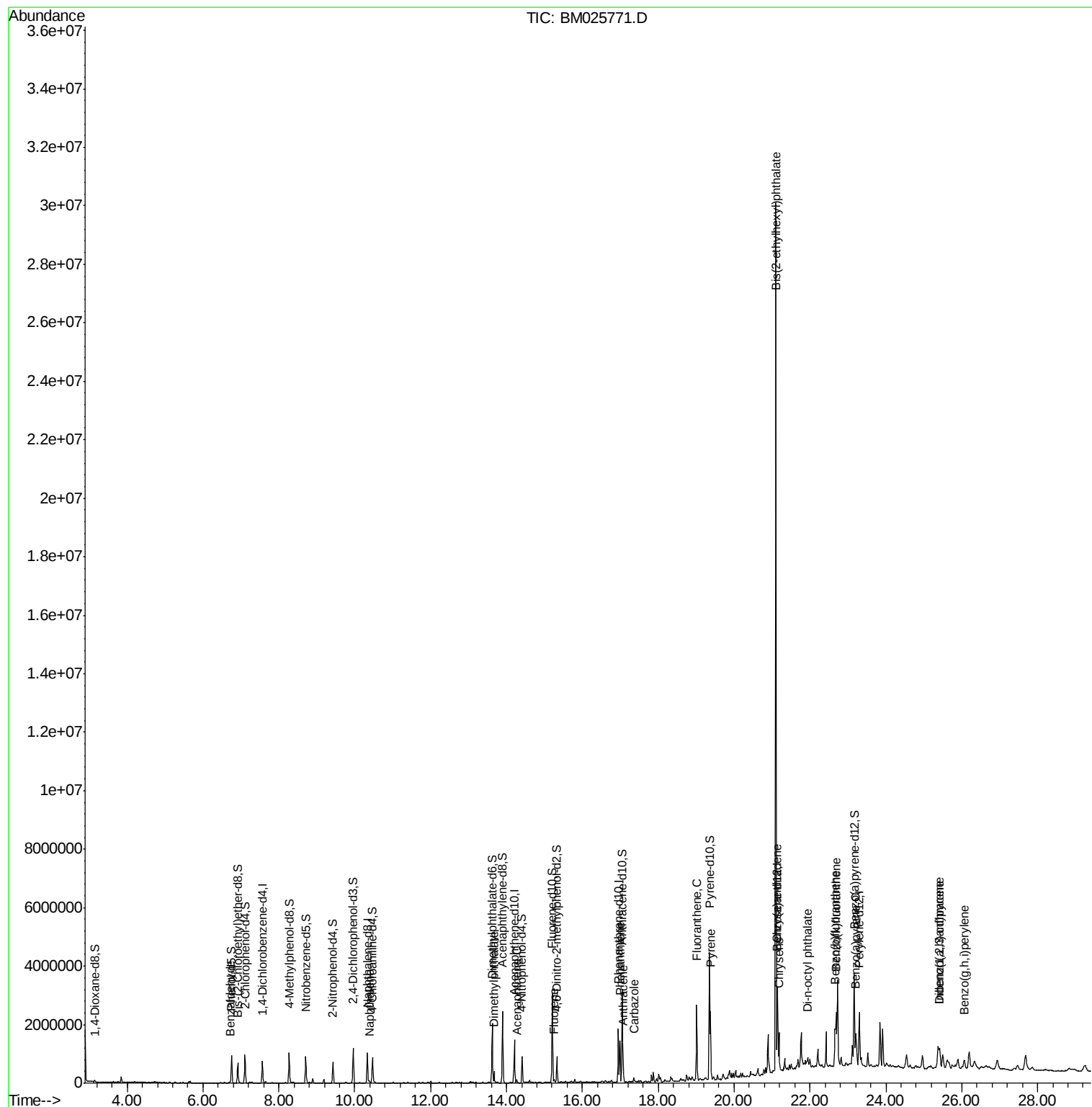
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025771.D
Acq On : 25 Mar 2020 17:08
Operator : CG/JU
Sample : L1938-21
Misc :
ALS Vial : 50 Sample Multiplier: 1

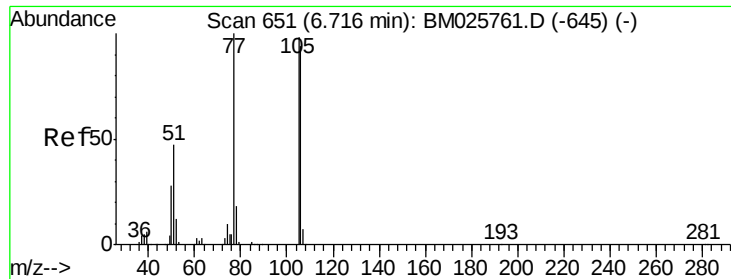
Instrument :
BNA_M
ClientSampleId :
CB795

Quant Time: Mar 25 17:56:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 25 07:24:39 2020
Response via : Initial Calibration

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#4

Benzaldehyde

Concen: 1.991 ng/ul

RT: 6.72 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM025771.D

Acq: 25 Mar 2020 17:08

Instrument :

BNA_M

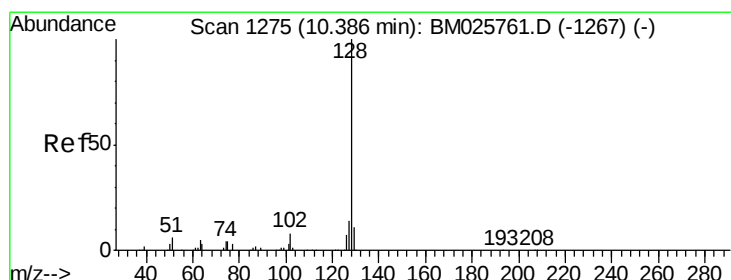
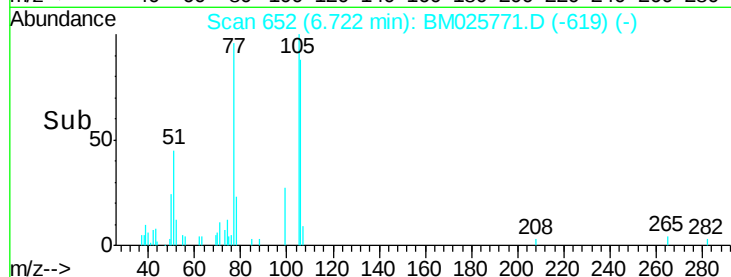
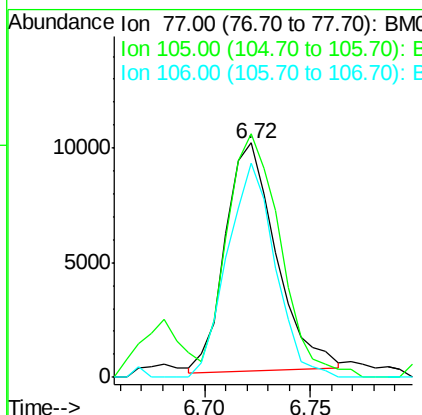
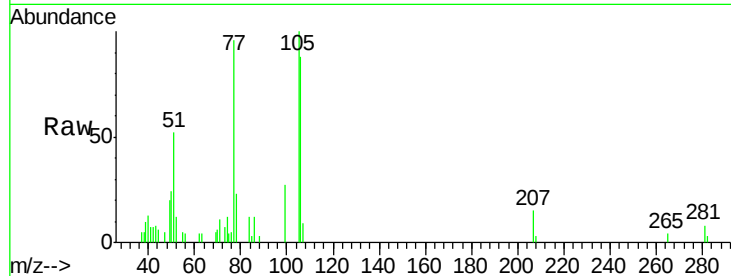
ClientSampleId :

CB795

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.9	75.4	113.0
106	91.3	75.4	113.2

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#28

Naphthalene

Concen: 1.386 ng/ul

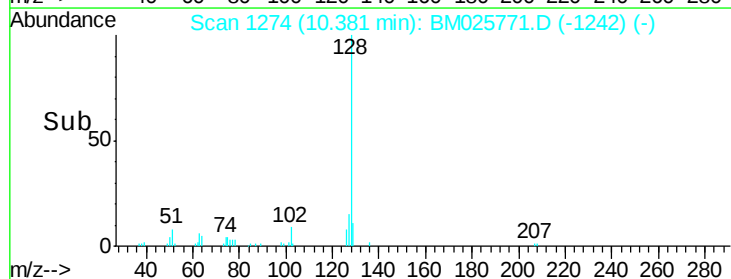
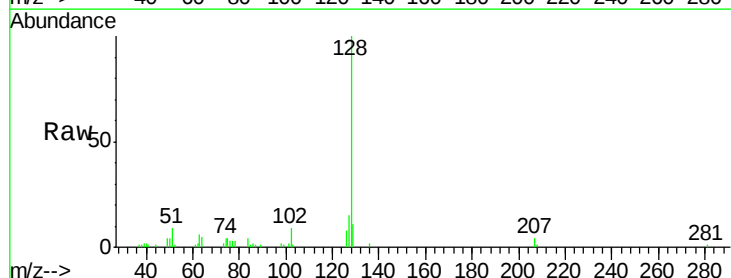
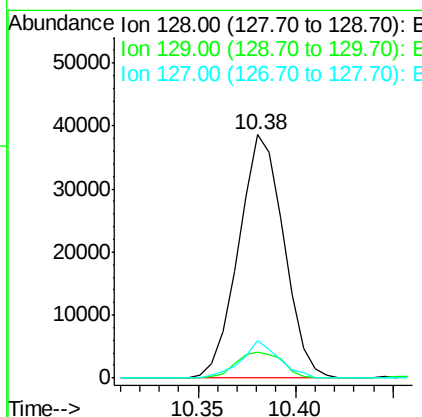
RT: 10.38 min Scan# 1274

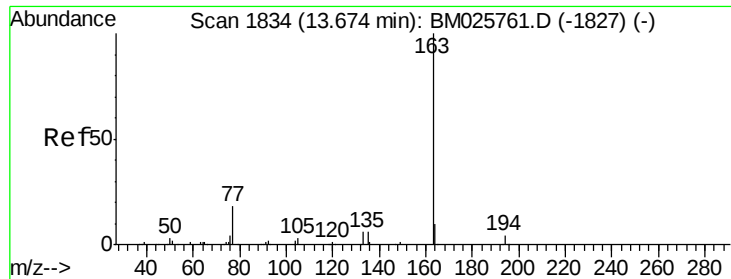
Delta R.T. -0.01 min

Lab File: BM025771.D

Acq: 25 Mar 2020 17:08

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	15.3	10.6	15.8





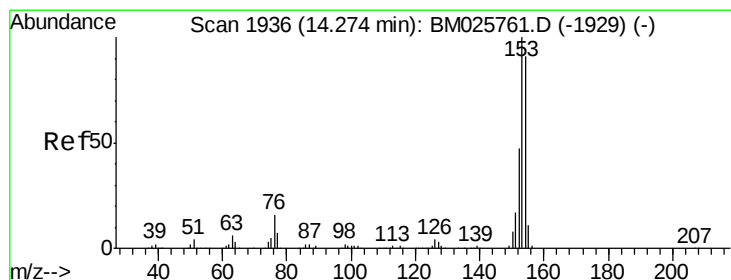
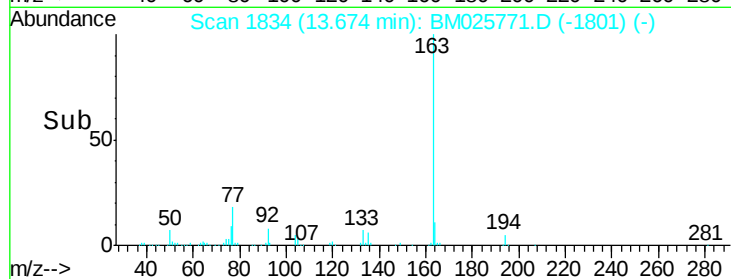
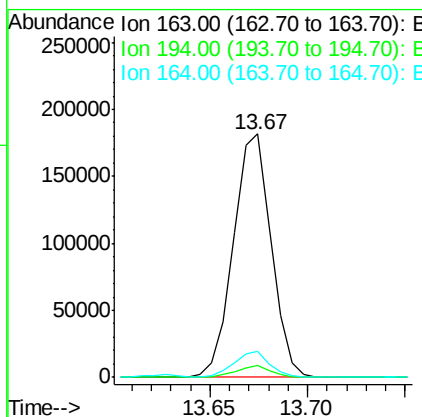
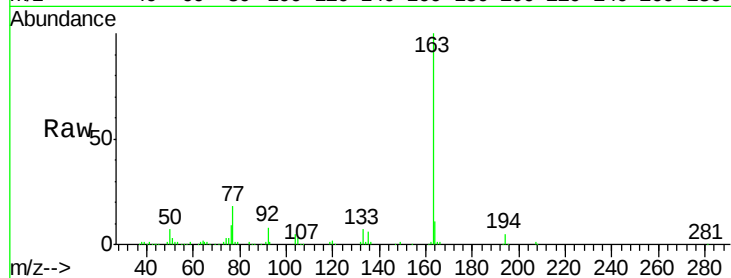
#45
Dimethylphthalate
Concen: 6.057 ng/ul
RT: 13.67 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BM025771.D
Acq: 25 Mar 2020 17:08

Instrument :
BNA_M
ClientSampleId :
CB795

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.5	8.2	12.4

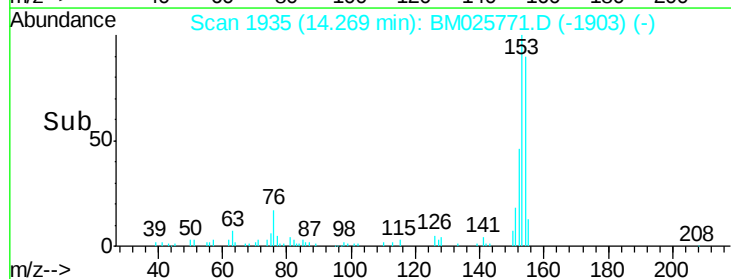
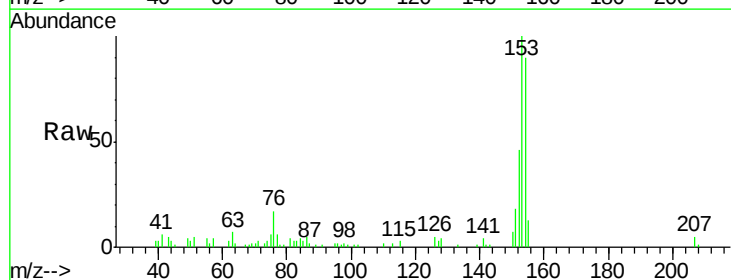
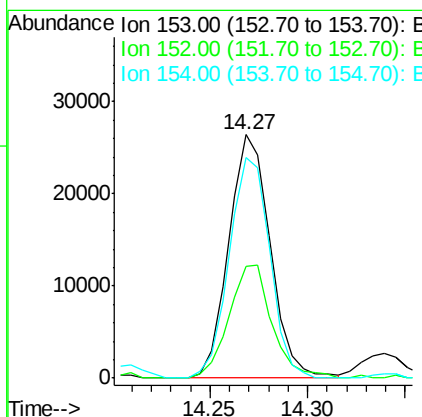
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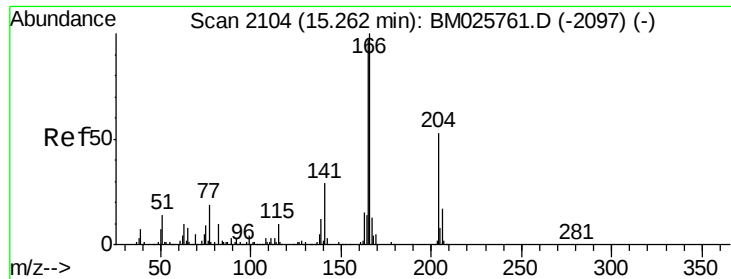
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#50
Acenaphthene
Concen: 1.141 ng/ul
RT: 14.27 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BM025771.D
Acq: 25 Mar 2020 17:08

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.9	37.6	56.4
154	90.3	72.2	108.2





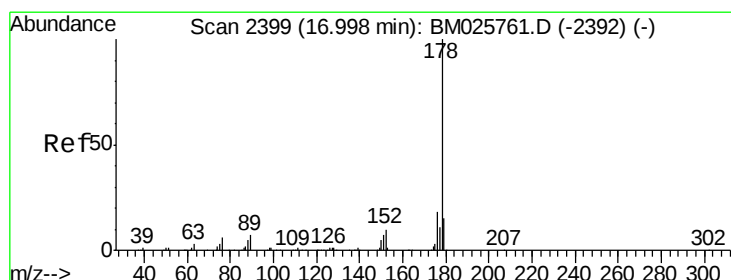
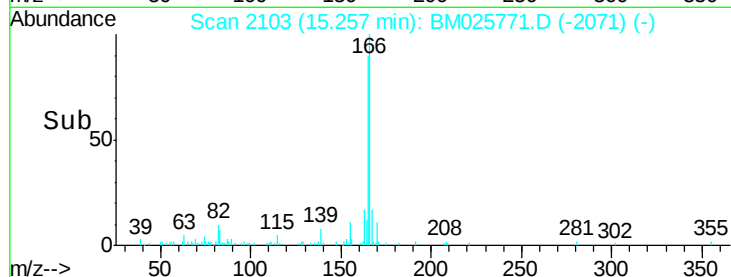
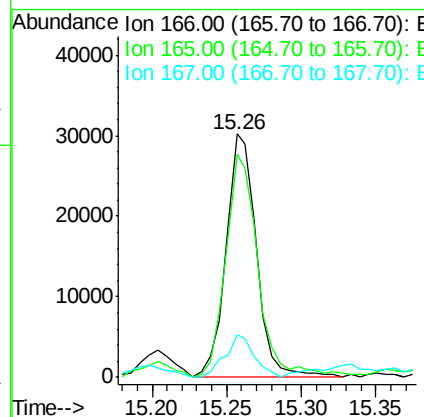
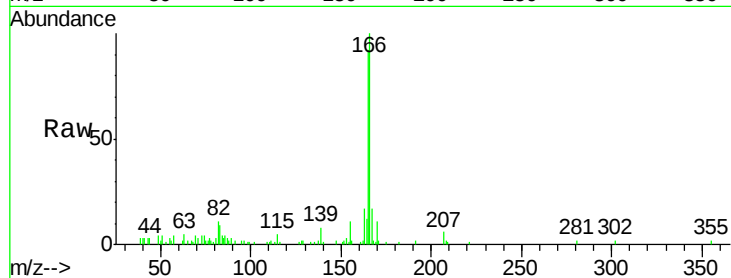
#59
Fluorene
Concen: 1.064 ng/ul
RT: 15.26 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM025771.D
Acq: 25 Mar 2020 17:08

Instrument :
BNA_M
ClientSampleId :
CB795

Tot Ion	Ratio	Lower	Upper
166	100		
165	91.6	77.2	115.8
167	17.4	11.2	16.8#

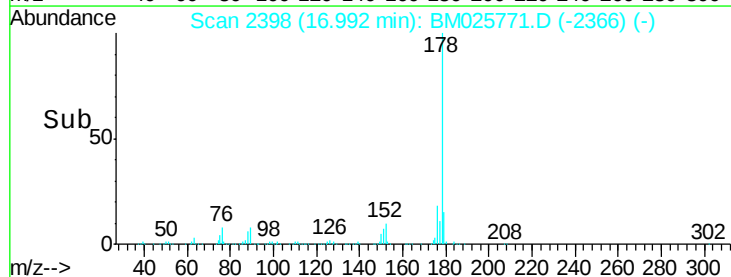
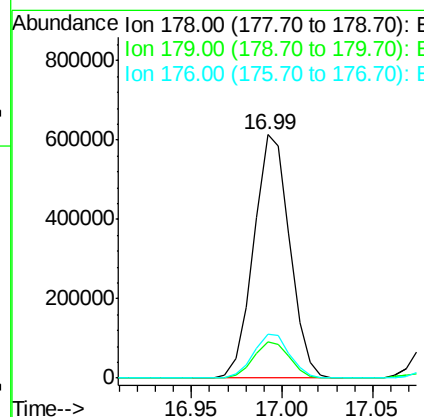
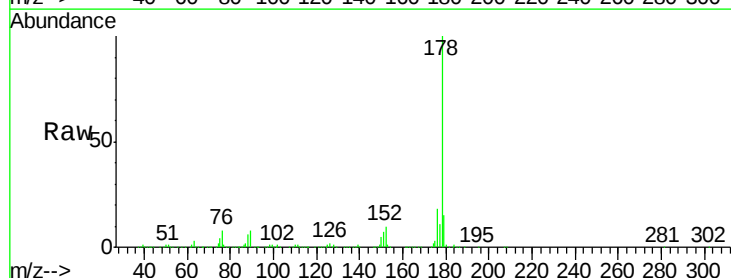
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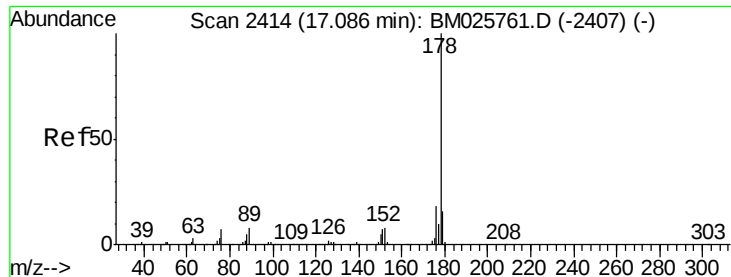
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#70
Phenanthrene
Concen: 13.551 ng/ul
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM025771.D
Acq: 25 Mar 2020 17:08

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.4
176	18.3	15.3	22.9





#72

Anthracene

Concen: 2.862 ng/ul

RT: 17.09 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM025771.D

Acq: 25 Mar 2020 17:08

Instrument :

BNA_M

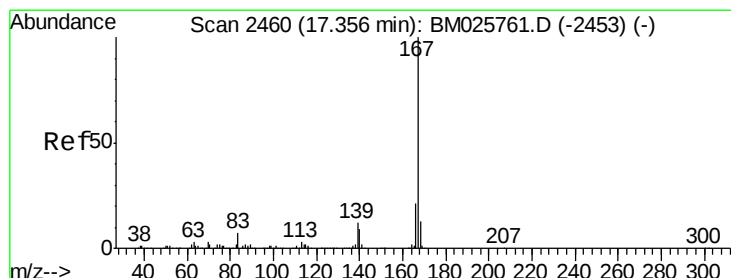
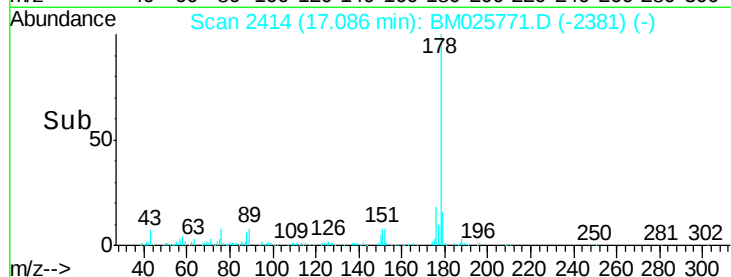
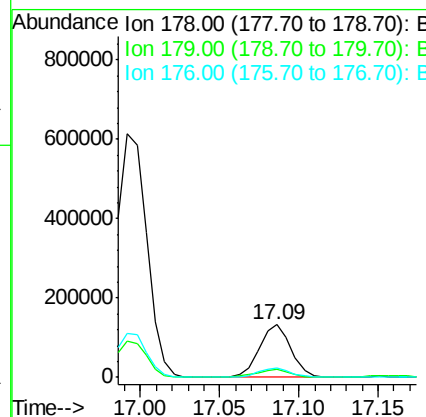
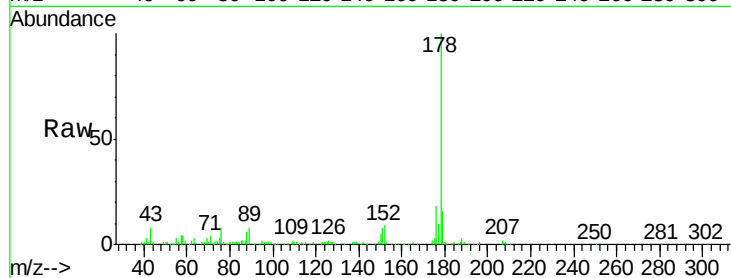
ClientSampleId :

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Tot Ion:	178	Resp:	182177
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.5	18.7
176	18.0	14.5	21.7

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#75

Carbazole

Concen: 1.408 ng/ul

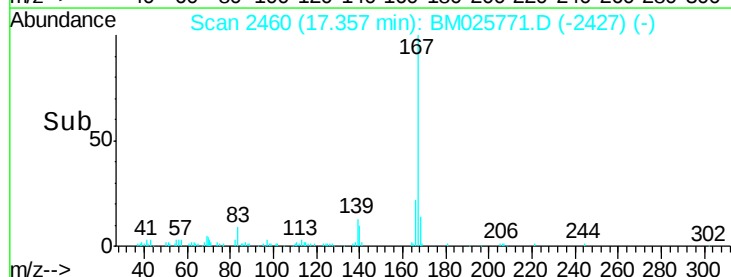
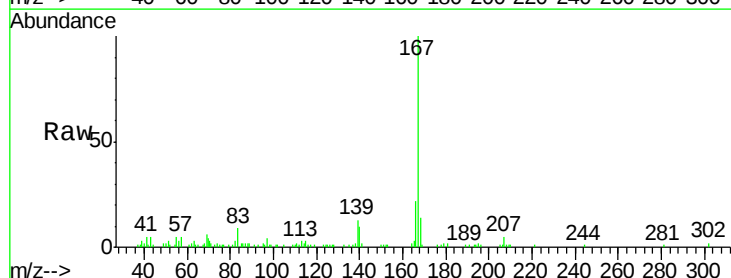
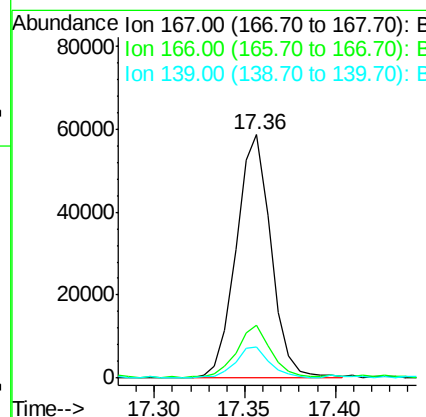
RT: 17.36 min Scan# 2460

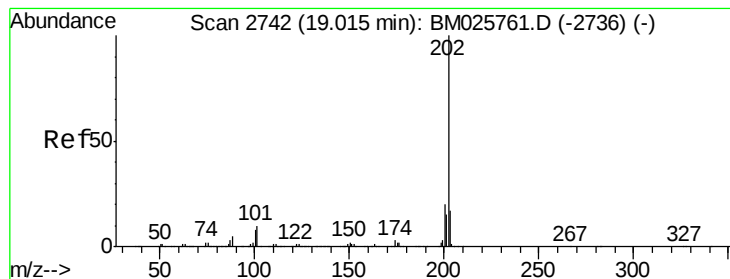
Delta R.T. -0.01 min

Lab File: BM025771.D

Acq: 25 Mar 2020 17:08

Tgt Ion:	167	Resp:	78343
Ion Ratio	Lower	Upper	
167	100		
166	21.8	16.7	25.1
139	12.8	9.8	14.8





#77

Fluoranthene

Concen: 20.276 ng/ul

RT: 19.02 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BM025771.D

Acq: 25 Mar 2020 17:08

Instrument :

BNA_M

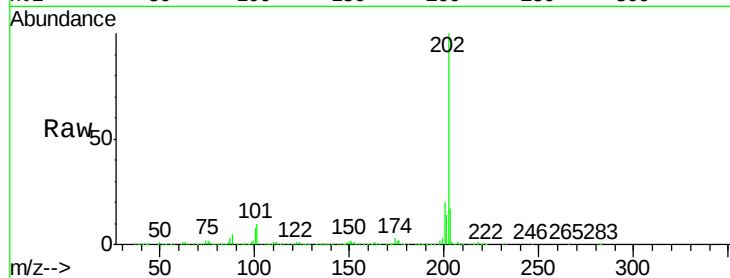
ClientSampleId :

CB795

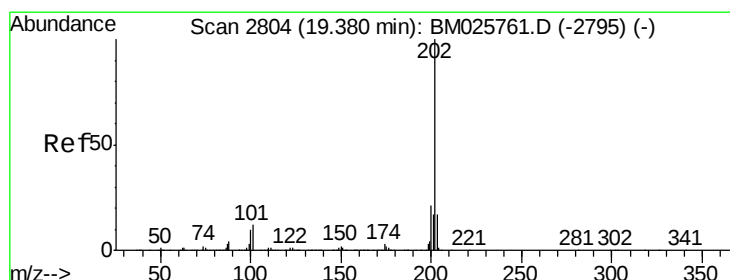
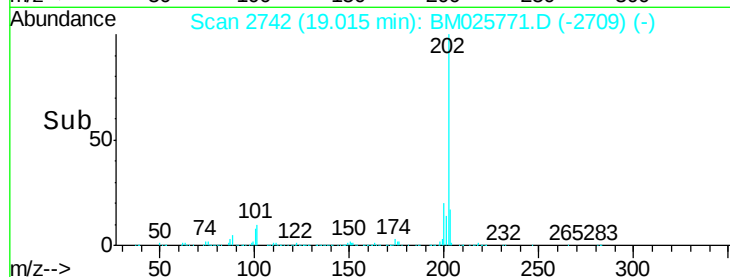
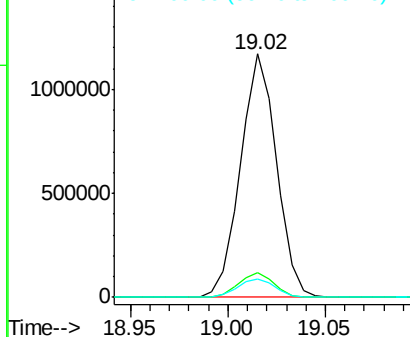
Tot Ion:	202	Resp:	1492903
Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.2	12.4
100	7.7	6.5	9.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 18.287 ng/ul

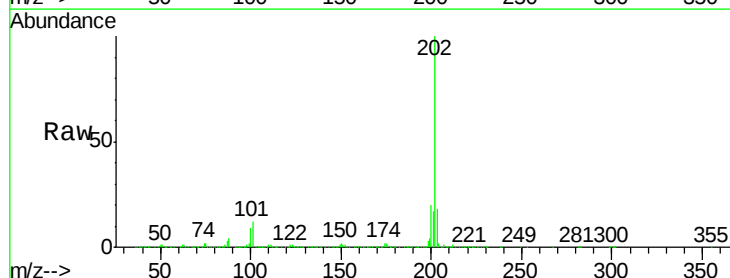
RT: 19.38 min Scan# 2804

Delta R.T. -0.01 min

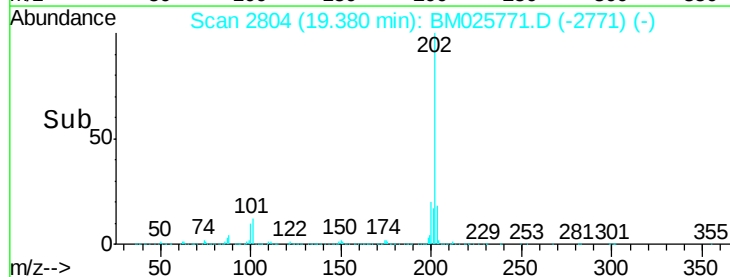
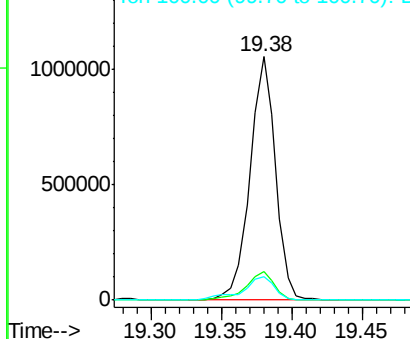
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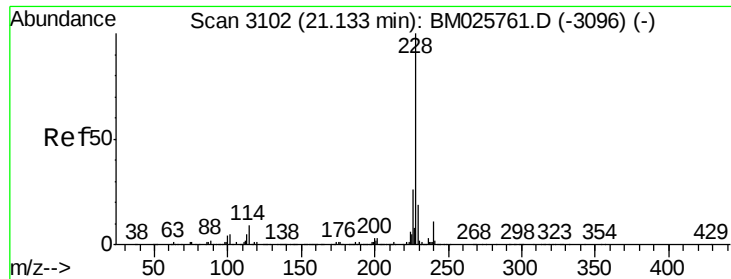
Acq: 25 Mar 2020 17:08

Tgt Ion:	202	Resp:	1343833
Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.9	13.3
100	9.5	7.5	11.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





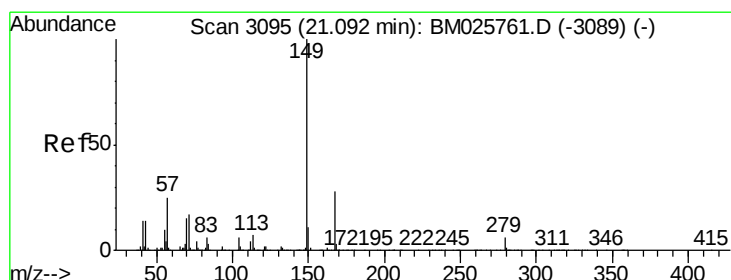
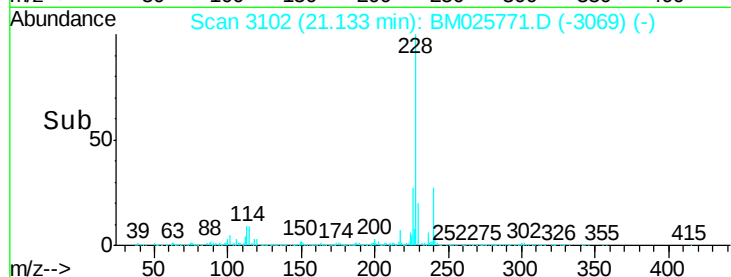
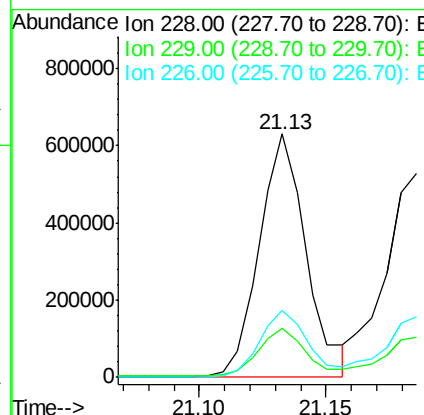
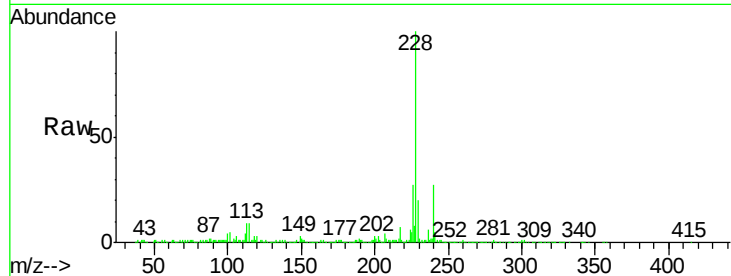
#83
Benzo(a)anthracene
Concen: 11.114 ng/ul
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM025771.D
Acq: 25 Mar 2020 17:08

Instrument :
BNA_M
ClientSampleId :
CB795

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.5	23.3
226	27.3	21.0	31.6

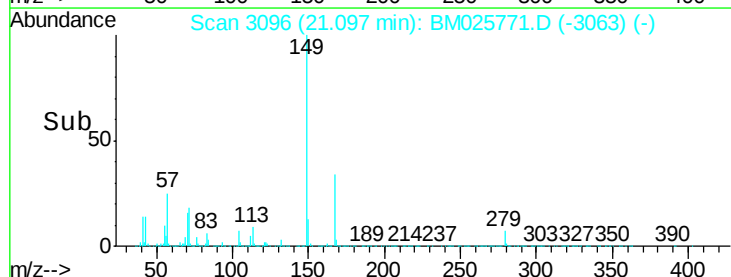
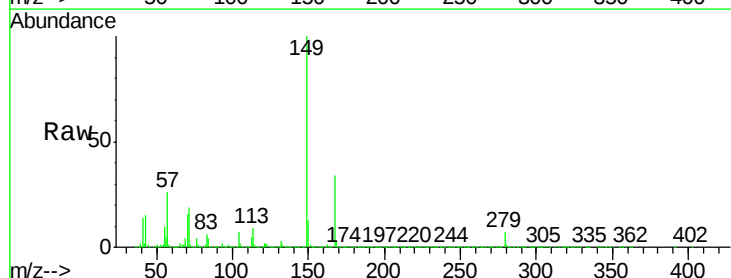
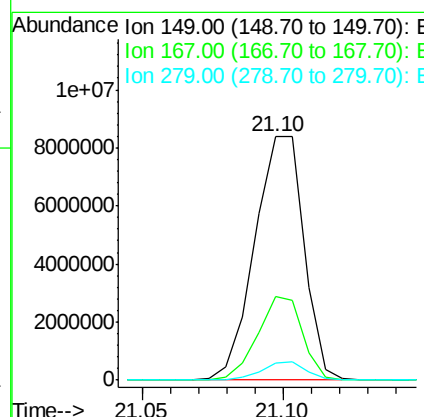
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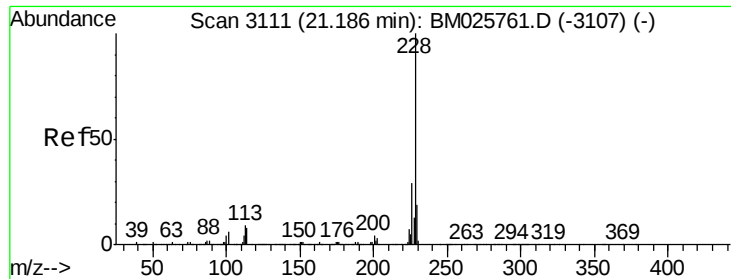
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#84
Bis(2-ethylhexyl)phthalate
Concen: 233.637 ng/ul
RT: 21.10 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM025771.D
Acq: 25 Mar 2020 17:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	34.4	22.7	34.1#
279	6.8	4.1	6.1#





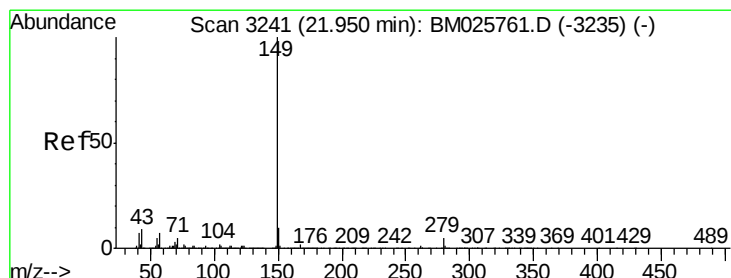
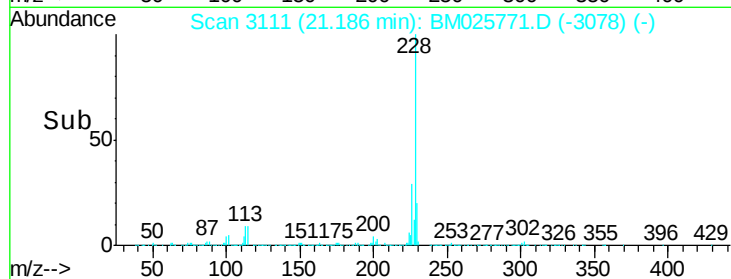
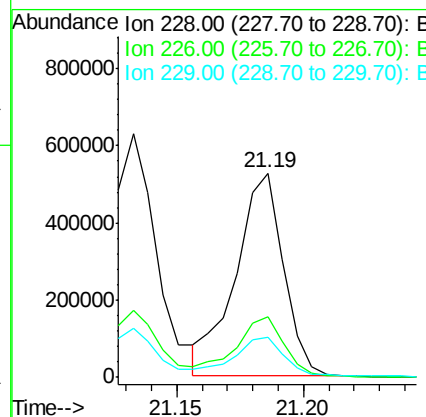
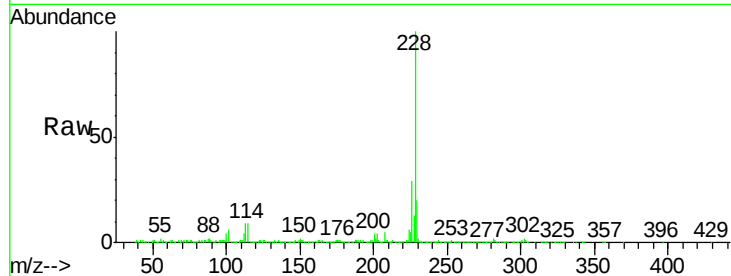
#85
 Chrysene
 Concen: 9.775 ng/ul
 RT: 21.19 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BM025771.D
 Acq: 25 Mar 2020 17:08

Instrument :
 BNA_M
 ClientSampleId :
 CB795

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.0
229	19.9	15.6	23.4

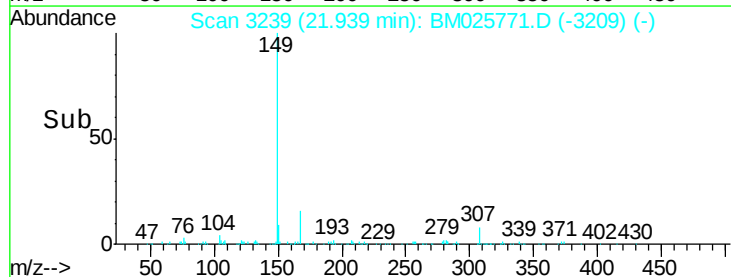
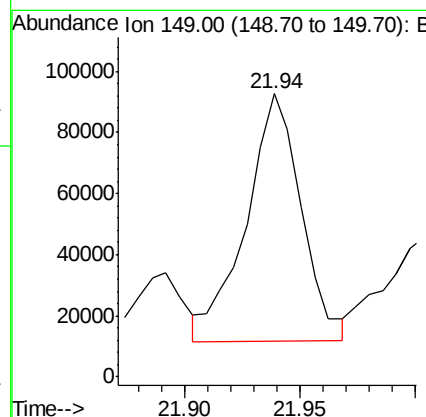
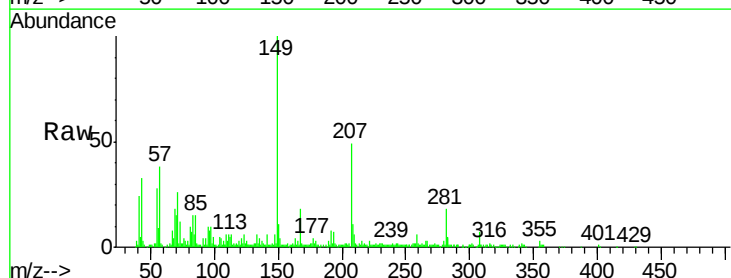
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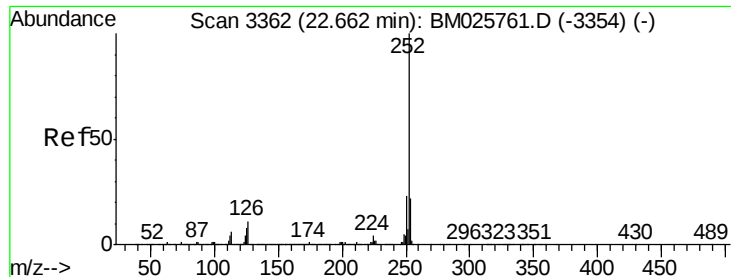
mohammad
 3/27/2020 8:15:06 AM



#87
 Di-n-octyl phthalate
 Concen: 1.815 ng/ul
 RT: 21.94 min Scan# 3239
 Delta R.T. -0.02 min
 Lab File: BM025771.D
 Acq: 25 Mar 2020 17:08

Tgt Ion:149 Resp: 134788





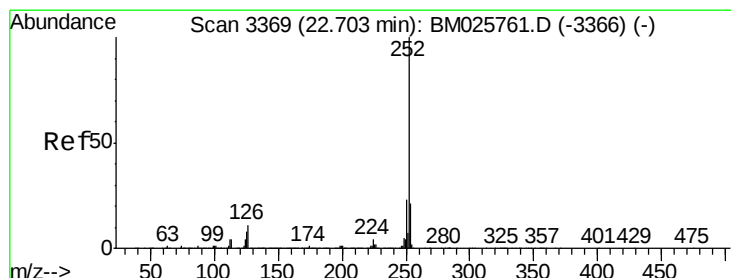
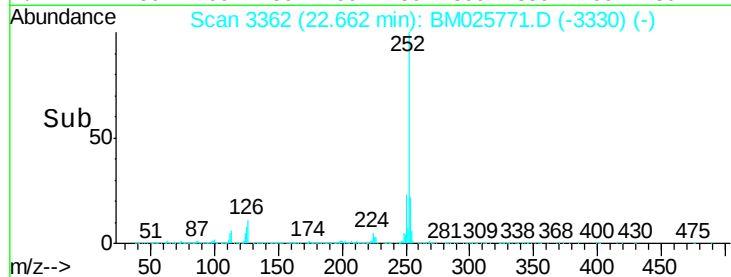
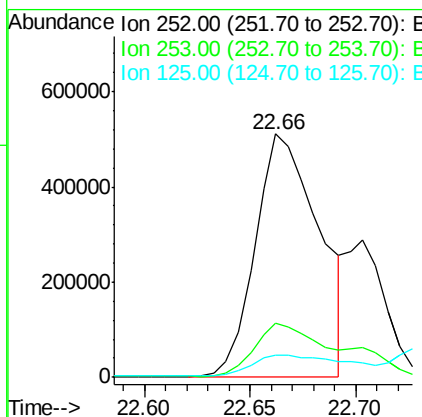
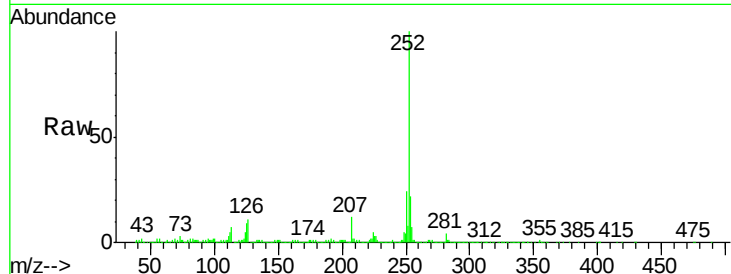
#88
Benzo(b)fluoranthene
Concen: 13.843 ng/ul
RT: 22.66 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BM025771.D
Acq: 25 Mar 2020 17:08

Instrument :
BNA_M
ClientSampleId :
CB795

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	9.1	6.7	10.1

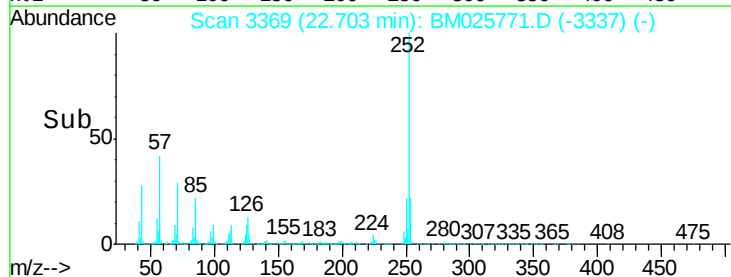
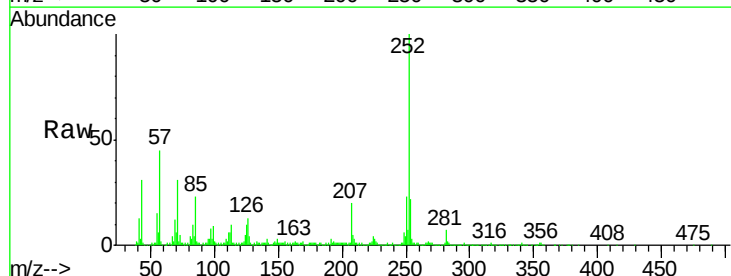
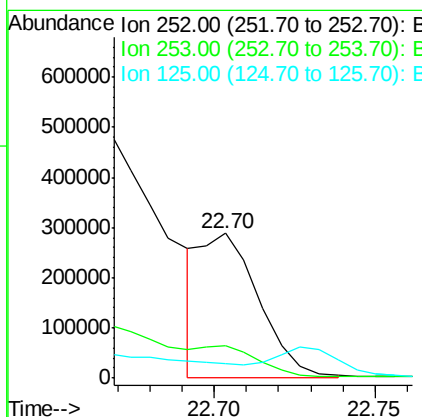
Manual Integrations
APPROVED

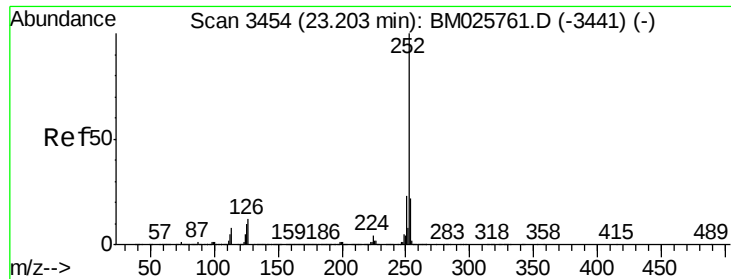
mohammad
3/27/2020 8:15:06 AM



#89
Benzo(k)fluoranthene
Concen: 4.757 ng/ul m
RT: 22.70 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM025771.D
Acq: 25 Mar 2020 17:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.3	6.9	10.3





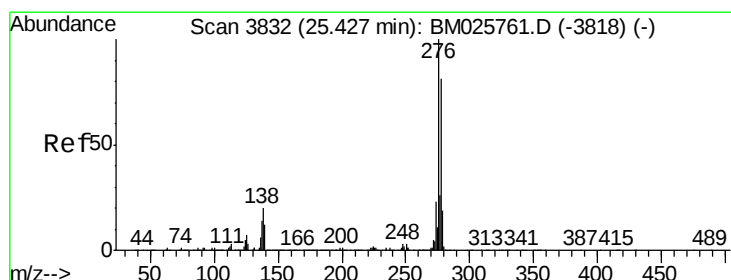
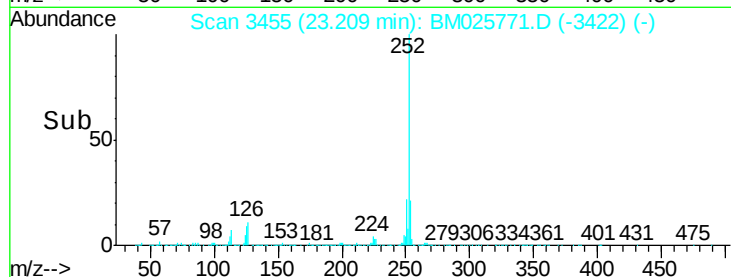
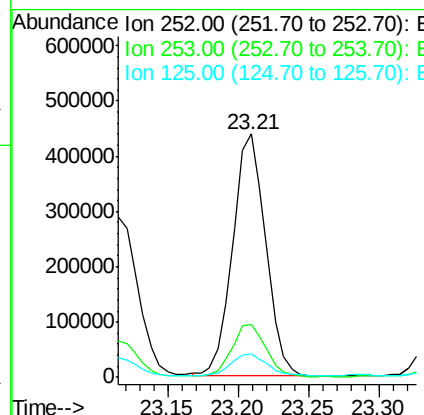
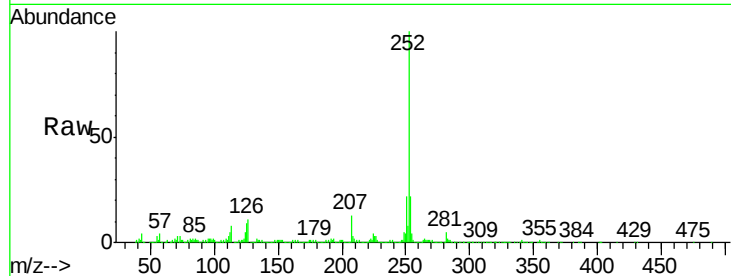
#91
Benzo(a)pyrene
Concen: 10.181 ng/ul
RT: 23.21 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM025771.D
Acq: 25 Mar 2020 17:08

Instrument :
BNA_M
ClientSampled :
CB795

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	9.4	7.1	10.7

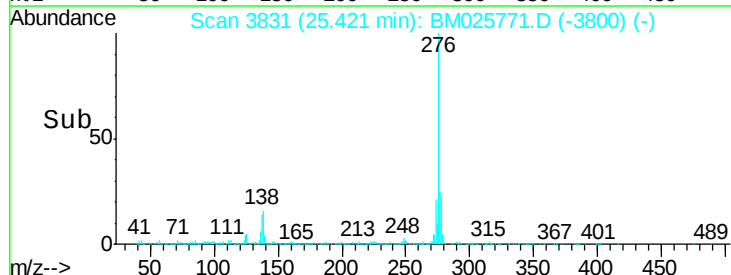
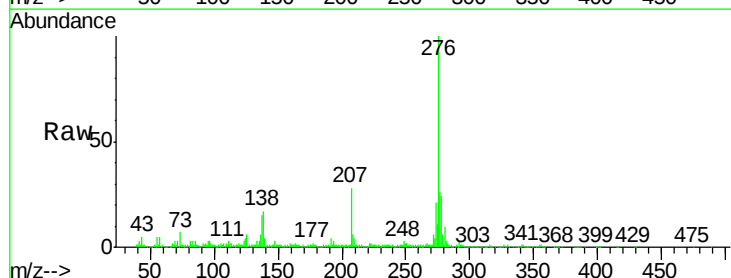
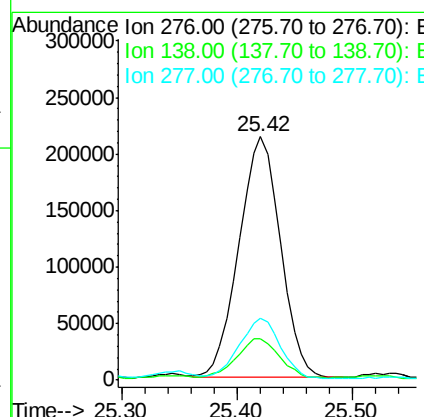
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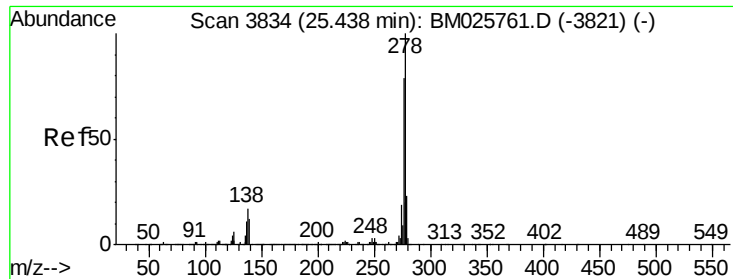
mohammad
3/27/2020 8:15:06 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 5.733 ng/ul
RT: 25.42 min Scan# 3831
Delta R.T. -0.02 min
Lab File: BM025771.D
Acq: 25 Mar 2020 17:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	16.5	24.7
277	25.6	19.7	29.5





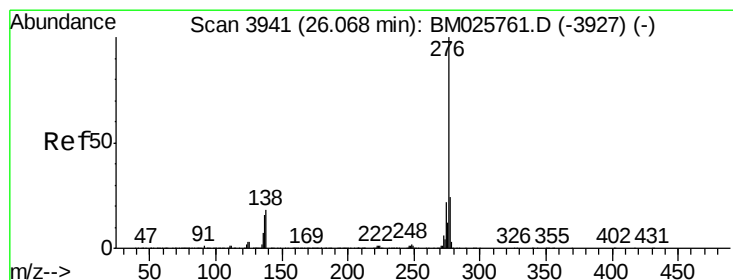
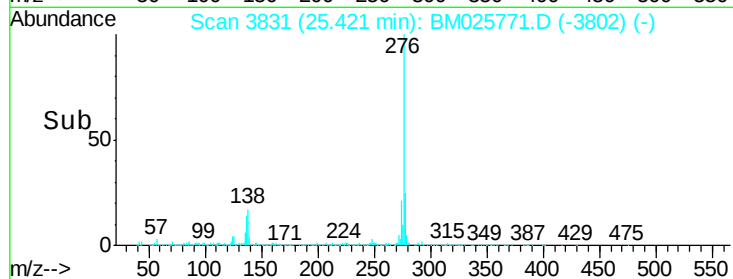
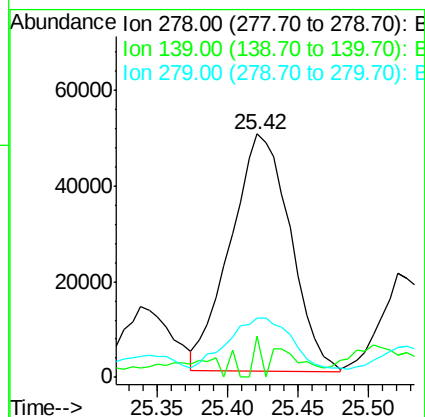
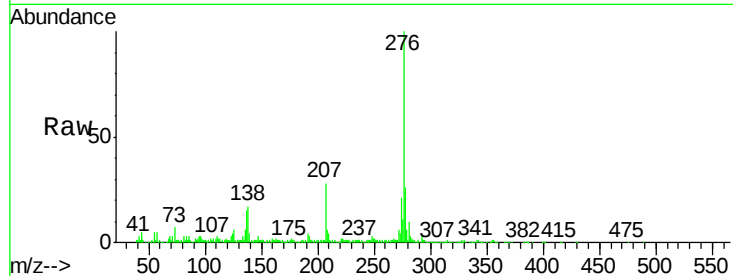
#93
Dibenzo(a,h)anthracene
Concen: 1.868 ng/ul
RT: 25.42 min Scan# 3831
Delta R.T. -0.03 min
Lab File: BM025771.D
Acq: 25 Mar 2020 17:08

Instrument :
BNA_M
ClientSampleId :
CB795

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	10.4	15.6#
279	24.1	18.6	28.0

Manual Integrations
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mohammad
3/27/2020 8:15:06 AM



#94
Benzo(g,h,i)perylene
Concen: 4.779 ng/ul
RT: 26.07 min Scan# 3941
Delta R.T. -0.02 min
Lab File: BM025771.D
Acq: 25 Mar 2020 17:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.7	13.2	19.8
277	23.6	19.0	28.4

