

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
 Data File : BM023220.D
 Acq On : 17 Oct 2019 14:02
 Operator : JU
 Sample : K5199-12DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP79DL

Manual Integrations
 APPROVED

mohammad
 10/18/2019 8:28:15 AM

Quant Time: Oct 17 16:07:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 12:33:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	495058	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1955624	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	1192385	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	2335118	20.00	ng/ul	0.01
78) Chrysene-d12	21.26	240	2437673	20.00	ng/ul	0.01
86) Perylene-d12	23.48	264	3090723	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	8532	0.76	ng/uL	0.01
5) Phenol-d5	6.85	99	154524	3.58	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.00	67	102859	4.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	139277	4.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	110390	3.19	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	68069	5.14	ng/ul	0.01
22) 2-Nitrophenol-d4	9.54	143	67964	5.39	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.08	165	141736	4.42	ng/ul	0.02
29) 4-Chloroaniline-d4	10.59	131	76001	1.95	ng/ul	0.01
44) Dimethylphthalate-d6	13.73	166	452498	4.95	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	545487	5.09	ng/ul	0.01
52) 4-Nitrophenol-d4	14.52	143	29204	1.97	ng/ul	0.02
58) Fluorene-d10	15.32	176	416932	5.36	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.44	200	11320	1.22	ng/ul	0.02
71) Anthracene-d10	17.16	188	622016	5.52	ng/ul	0.01
79) Pyrene-d10	19.46	212	655286	5.55	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.34	264	856139	5.46	ng/ul	0.02

Target Compounds

					Ovalue	
45) Dimethylphthalate	13.78	163	154163	1.686	ng/ul	99
70) Phenanthrene	17.10	178	790392	6.031	ng/ul	99
72) Anthracene	17.20	178	201508	1.488	ng/ul	99
76) Di-n-butylphthalate	18.05	149	2628720	18.260	ng/ul	99
77) Fluoranthene	19.13	202	1697358	10.891	ng/ul	99
80) Pyrene	19.49	202	1807318	11.835	ng/ul	99
83) Benzo(a)anthracene	21.24	228	1159320	7.019	ng/ul	93
84) Bis(2-ethylhexyl)phthalate	21.20	149	2242454	26.552	ng/ul	100
85) Chrysene	21.29	228	1206204m	7.865	ng/ul	
88) Benzo(b)fluoranthene	22.82	252	1521947	8.122	ng/ul#	95
89) Benzo(k)fluoranthene	22.86	252	503586m	2.799	ng/ul	
91) Benzo(a)pyrene	23.38	252	1190729	6.623	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	25.71	276	810280	3.788	ng/ul	95
93) Dibenzo(a,h)anthracene	25.71	278	226338	1.266	ng/ul#	72
94) Benzo(g,h,i)perylene	26.39	276	601354	3.415	ng/ul	97

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

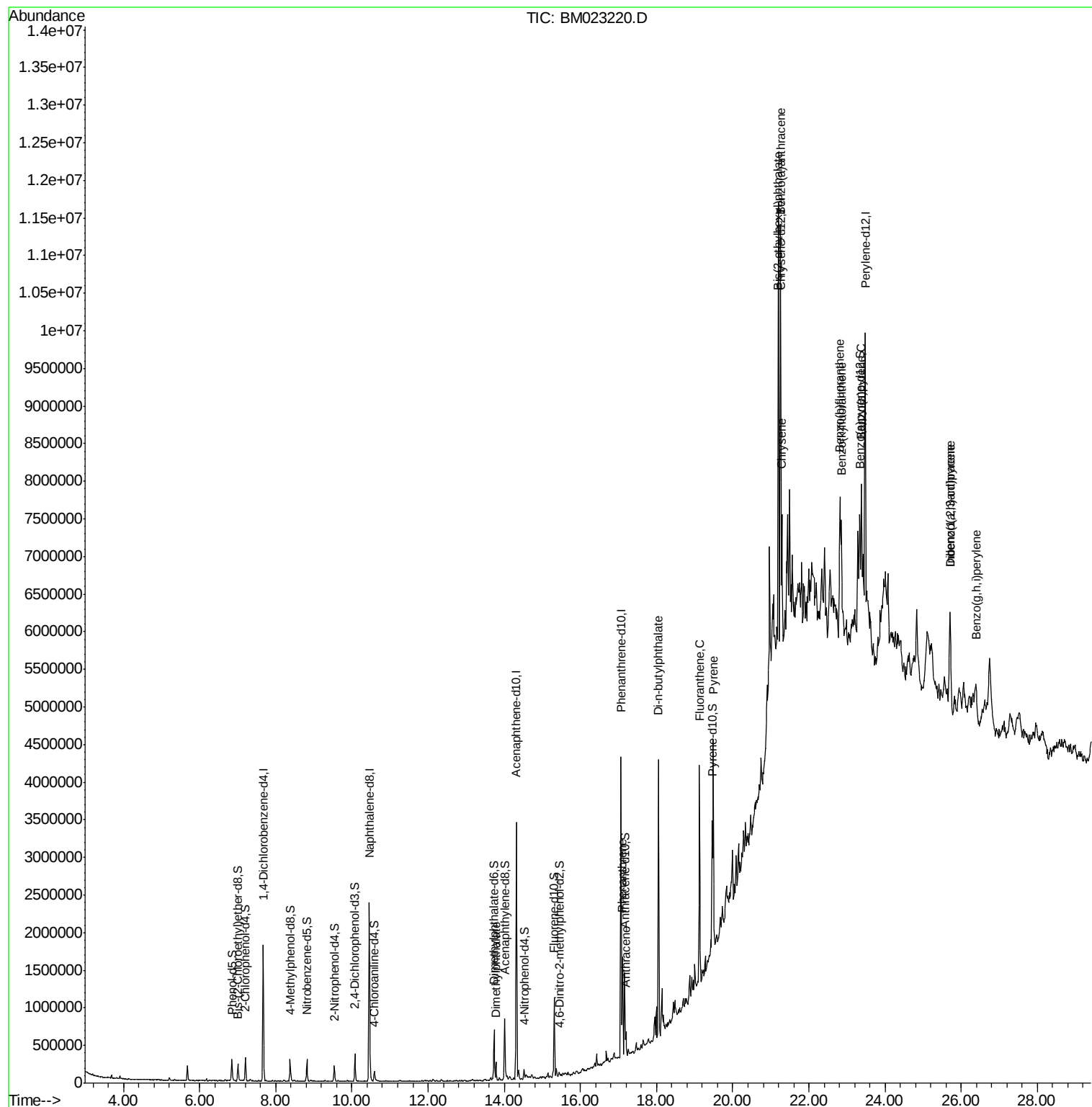
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023220.D
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Sample : K5199-12DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

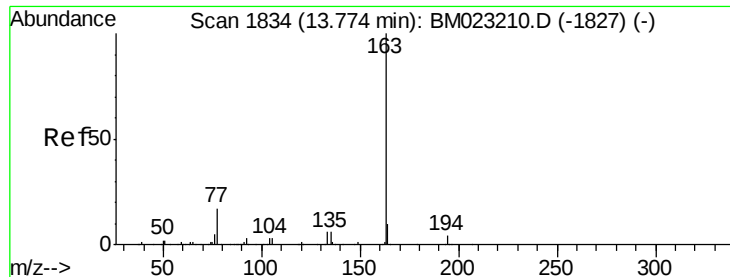
Instrument :
BNA_M
ClientSampled :
BEP79DL

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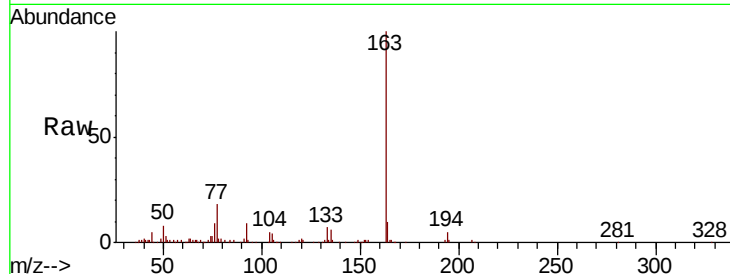
#45
Dimethylphthalate
Concen: 1.686 ng/ul
RT: 13.78 min Scan# 1835
Delta R.T. 0.01 min
Lab File: BM023220.D
Acq: 17 Oct 2019 14:02

Instrument :
BNA_M
ClientSampleID :
BEP79DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100	154163		
194	4.7		3.5	5.3
164	10.4		8.0	12.0

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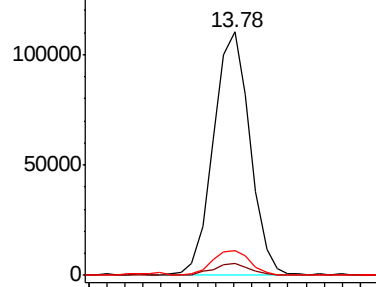


Abundance

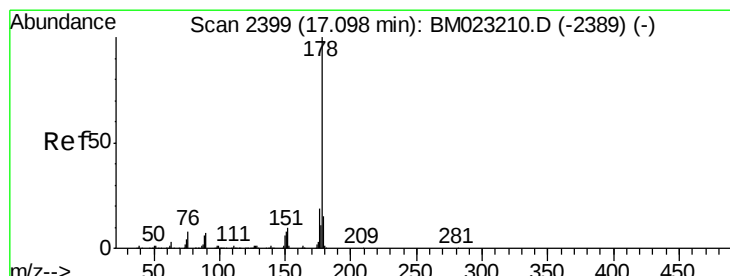
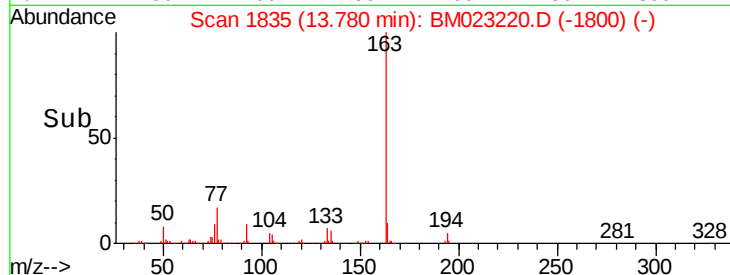
Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

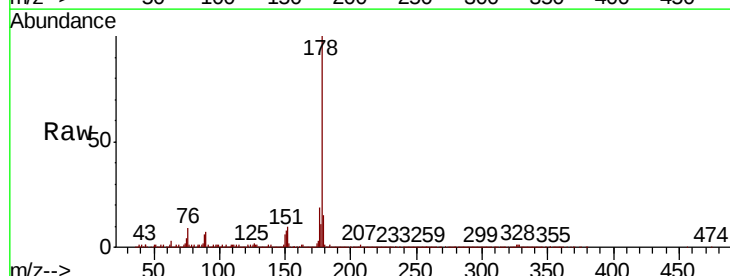


Time--> 13.70 13.75 13.80



#70
Phenanthrene
Concen: 6.031 ng/ul
RT: 17.10 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BM023220.D
Acq: 17 Oct 2019 14:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	790392		
179	15.3		12.3	18.5
176	18.9		15.5	23.3

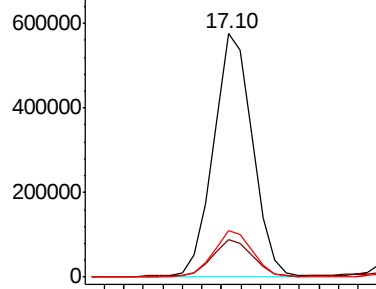


Abundance

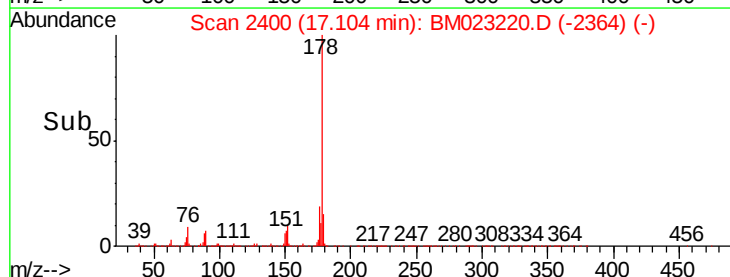
Ion 178.00 (177.70 to 178.70): E

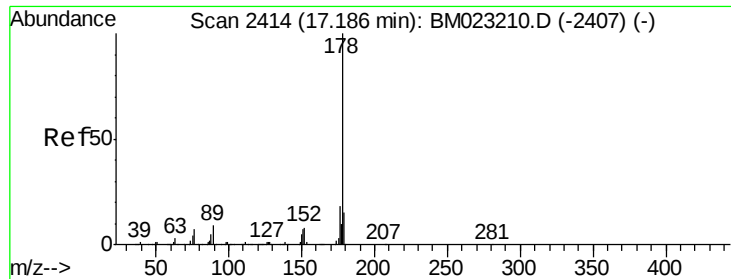
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.05 17.10 17.15





#72

Anthracene

Concen: 1.488 ng/ul

RT: 17.20 min Scan# 2416

Delta R.T. 0.01 min

Lab File: BM023220.D

Acq: 17 Oct 2019 14:02

Instrument :

BNA_M

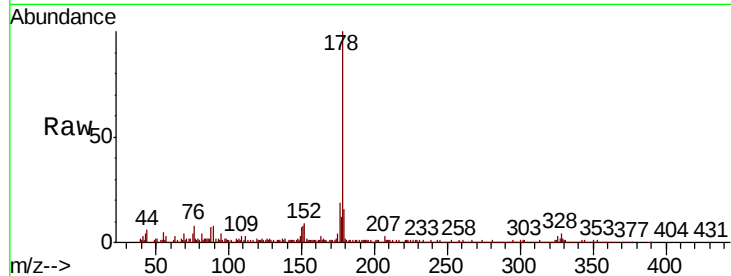
ClientSampleId :

BEP79DL

Tot Ion:	178	Resp:	201508
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.3	18.5
176	18.6	15.0	22.4

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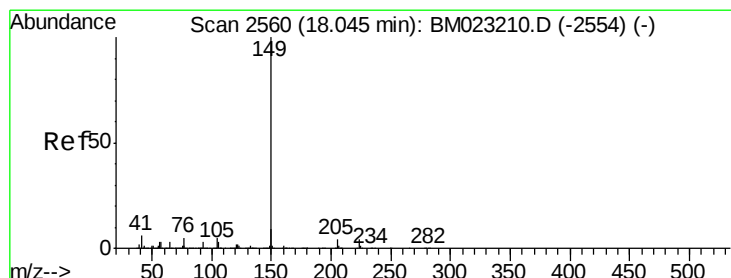
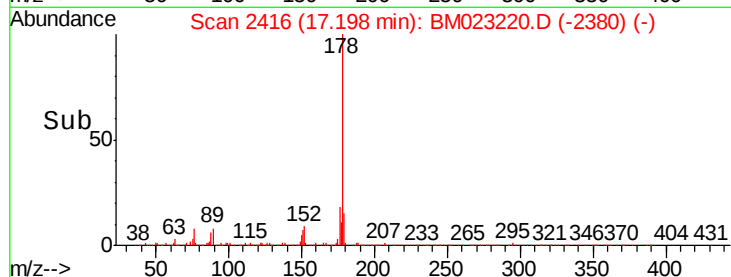
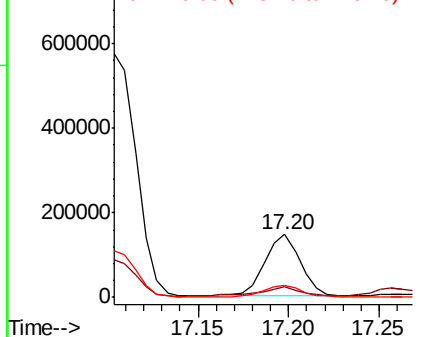


Abundance

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



#76

Di-n-butylphthalate

Concen: 18.260 ng/ul

RT: 18.05 min Scan# 2561

Delta R.T. 0.01 min

Lab File: BM023220.D

Acq: 17 Oct 2019 14:02

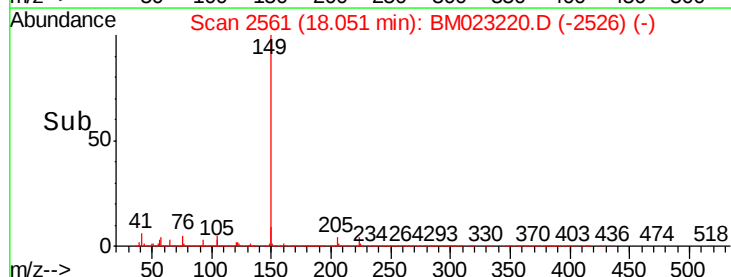
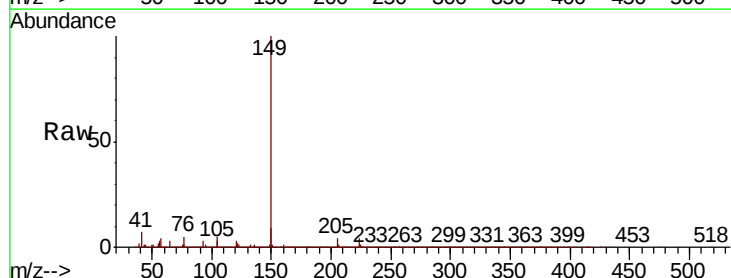
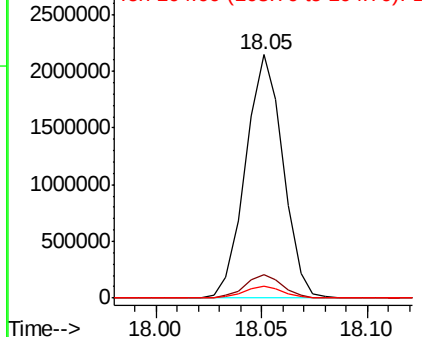
Tgt Ion:	149	Resp:	2628720
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.0	10.4
104	4.8	4.0	6.0

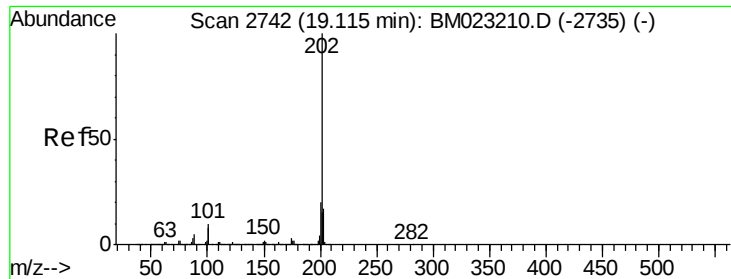
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#77

Fluoranthene

Concen: 10.891 ng/ul

RT: 19.13 min Scan# 2744

Delta R.T. 0.01 min

Lab File: BM023220.D

Acq: 17 Oct 2019 14:02

Instrument :

BNA_M

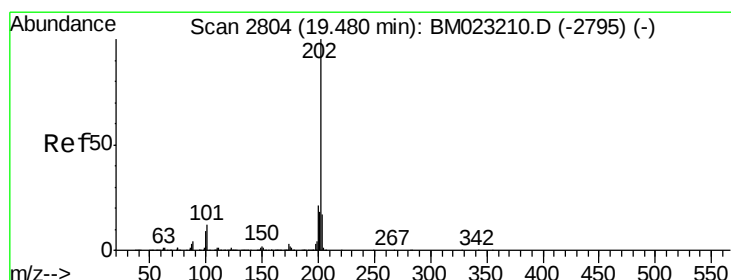
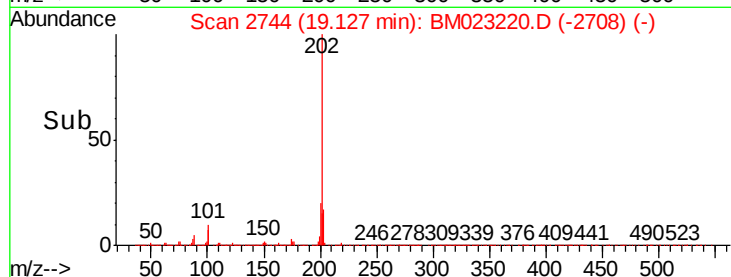
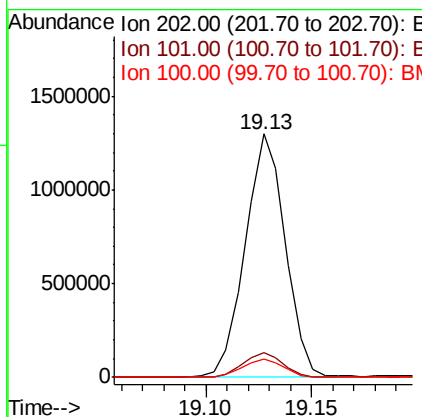
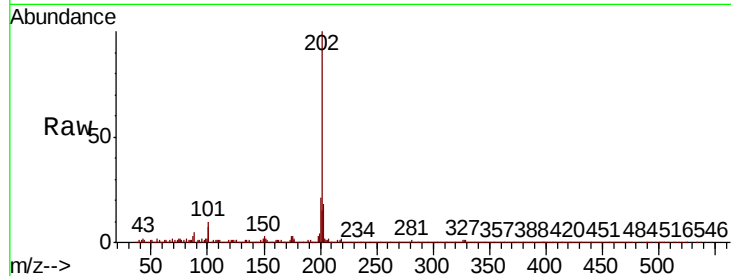
ClientSampleId :

BEP79DL

Tot Ion:	202	Resp:	1697358
Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.8	11.8
100	7.5	6.1	9.1

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#80

Pyrene

Concen: 11.835 ng/ul

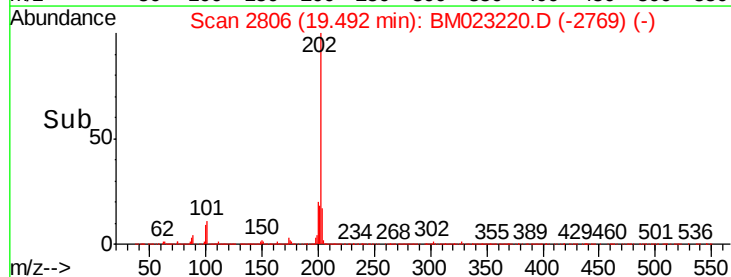
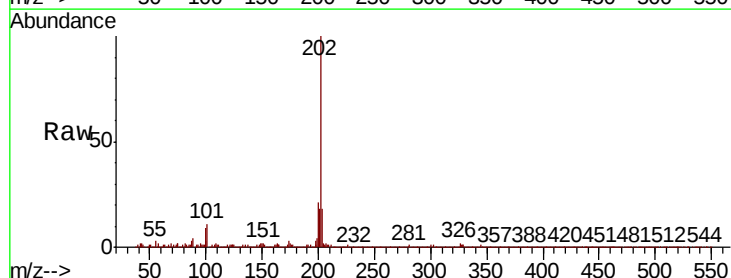
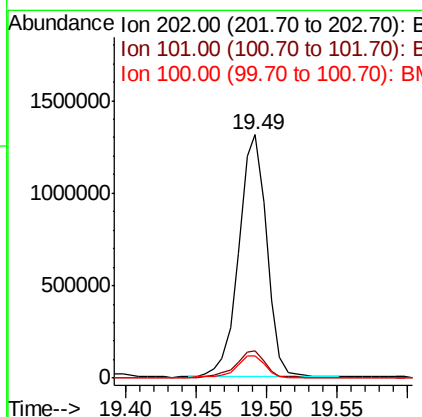
RT: 19.49 min Scan# 2806

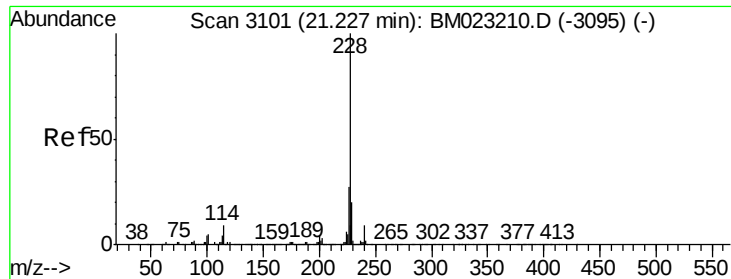
Delta R.T. 0.02 min

Lab File: BM023220.D

Acq: 17 Oct 2019 14:02

Tgt Ion:	202	Resp:	1807318
Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.1	13.7
100	9.0	7.5	11.3





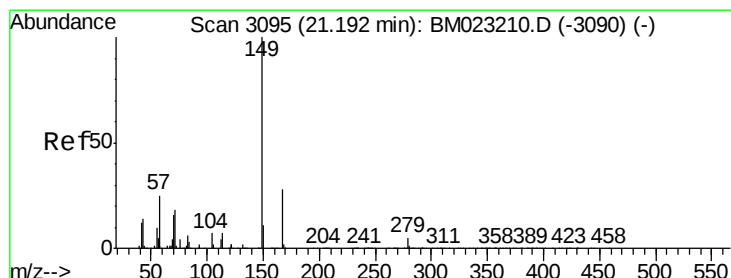
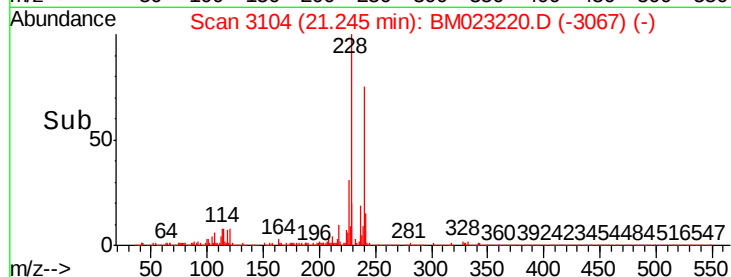
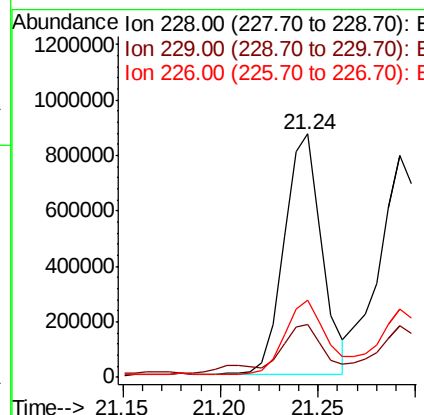
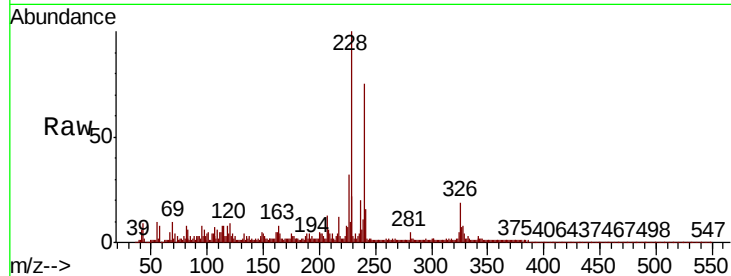
#83
Benzo(a)anthracene
Concen: 7.019 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. 0.02 min
Lab File: BM023220.D
Acq: 17 Oct 2019 14:02

Instrument :
BNA_M
ClientSampleID :
BEP79DL

Tot Ion:228 Resp: 1159320
Ion Ratio Lower Upper
228 100
229 21.7 15.7 23.5
226 31.9 21.6 32.4

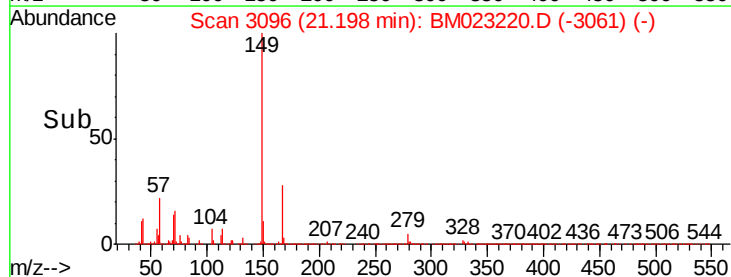
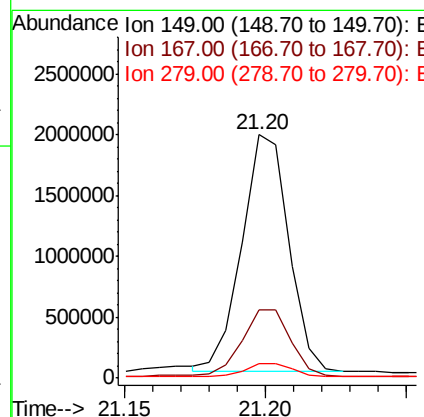
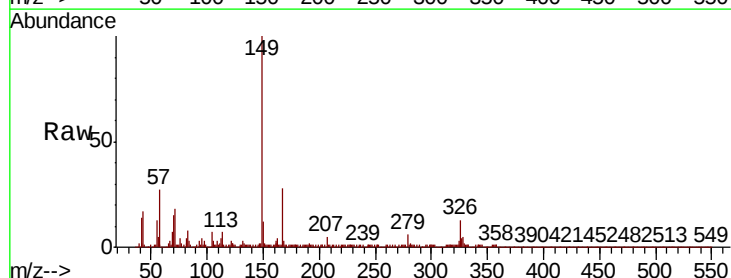
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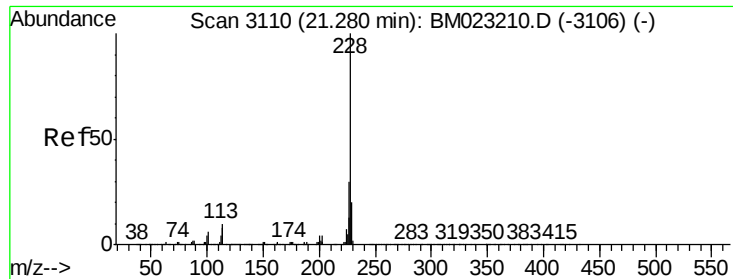
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#84
Bis(2-ethylhexyl)phthalate
Concen: 26.552 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BM023220.D
Acq: 17 Oct 2019 14:02

Tgt Ion:149 Resp: 2242454
Ion Ratio Lower Upper
149 100
167 28.1 22.5 33.7
279 5.7 4.0 6.0





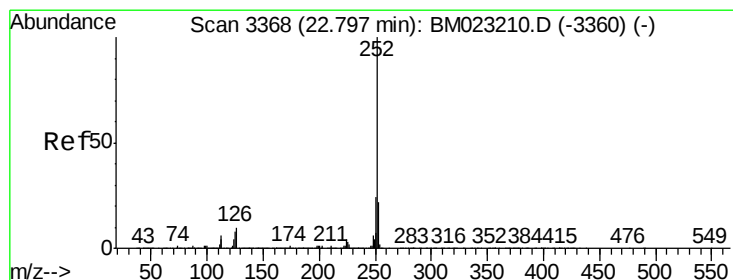
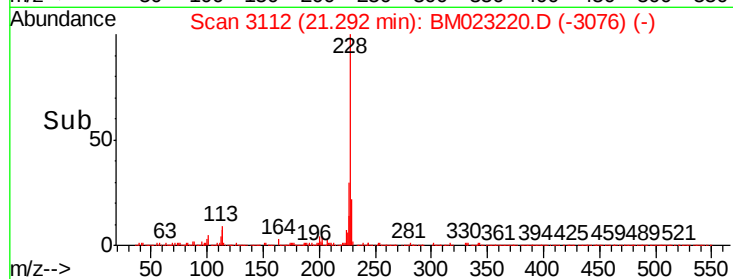
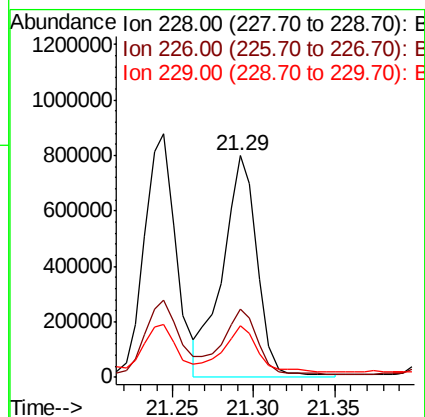
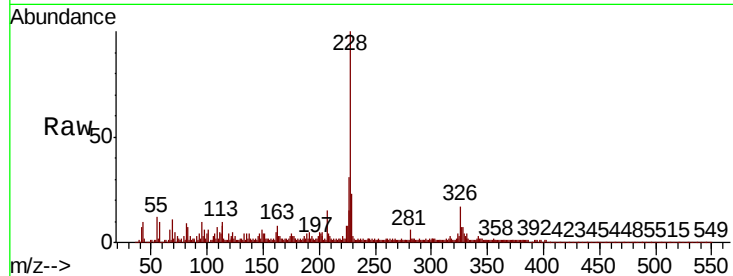
#85
 Chrysene
 Concen: 7.865 ng/ul m
 RT: 21.29 min Scan# 3112
 Delta R.T. 0.01 min
 Lab File: BM023220.D
 Acq: 17 Oct 2019 14:02

Instrument :
 BNA_M
 ClientSampled :
 BEP79DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.8	35.6
229	23.4	15.5	23.3

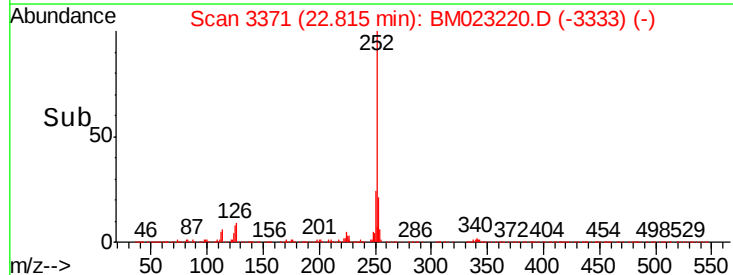
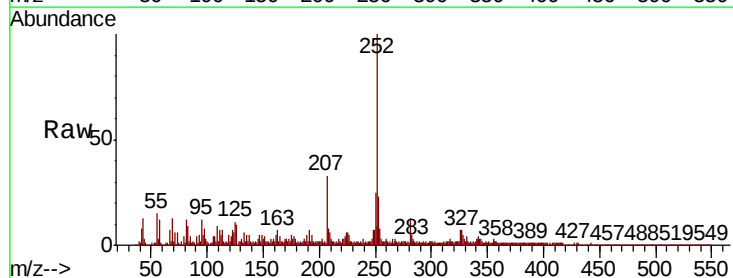
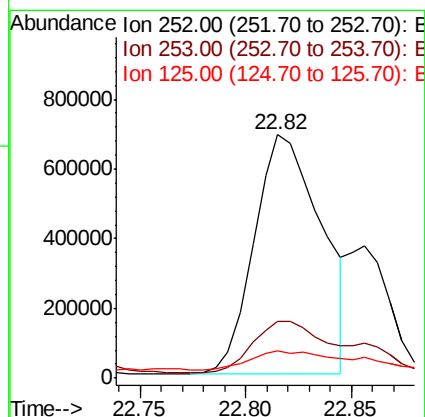
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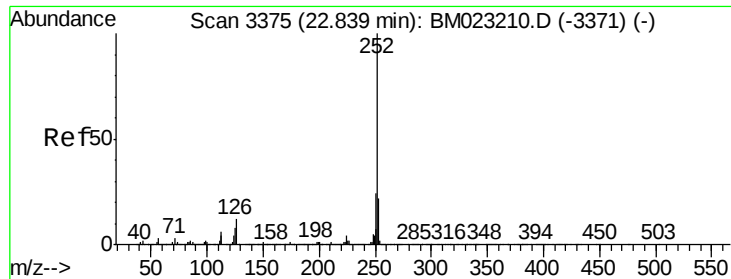
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#88
 Benzo(b)fluoranthene
 Concen: 8.122 ng/ul
 RT: 22.82 min Scan# 3371
 Delta R.T. 0.02 min
 Lab File: BM023220.D
 Acq: 17 Oct 2019 14:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	11.3	6.4	9.6





#89

Benzo(k)fluoranthene

Concen: 2.799 ng/ul m

RT: 22.86 min Scan# 3378

Delta R.T. 0.02 min

Lab File: BM023220.D

Acq: 17 Oct 2019 14:02

Instrument :

BNA_M

ClientSampleId :

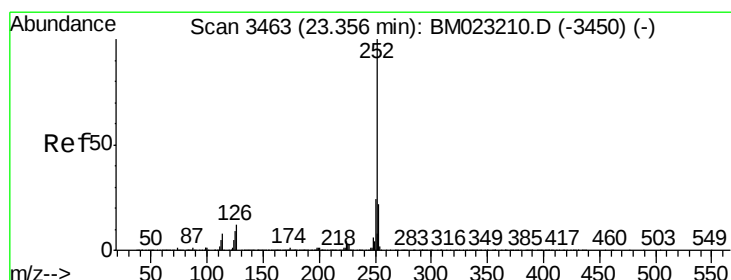
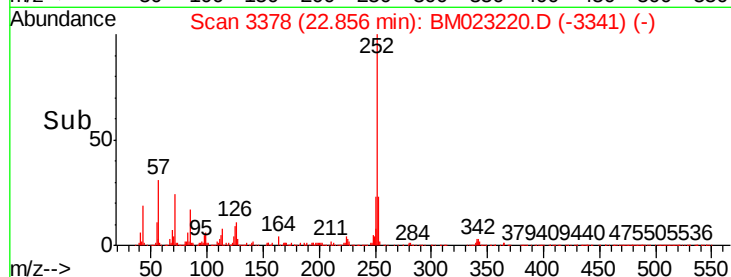
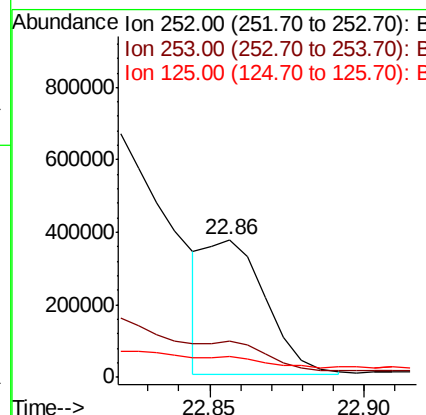
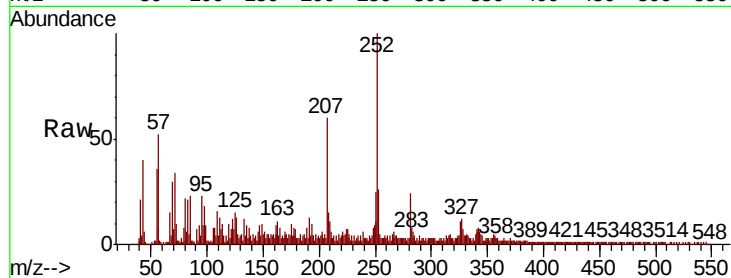
BEP79DL

Tot Ion:252 Resp: 503586
Ion Ratio Lower Upper

252	100		
253	26.4	17.4	26.0#
125	15.3	6.5	9.7#

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#91

Benzo(a)pyrene

Concen: 6.623 ng/ul

RT: 23.38 min Scan# 3467

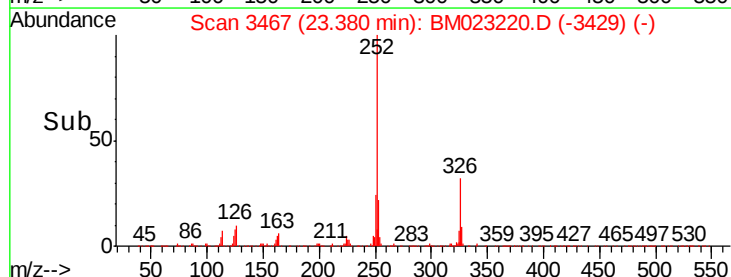
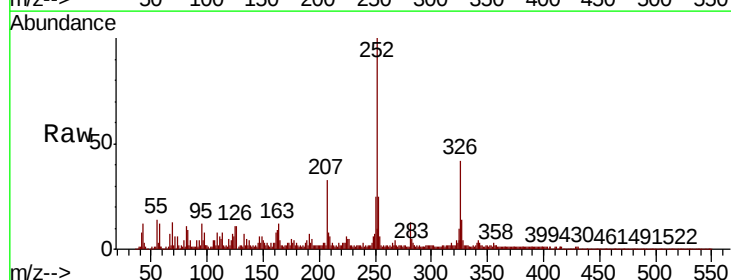
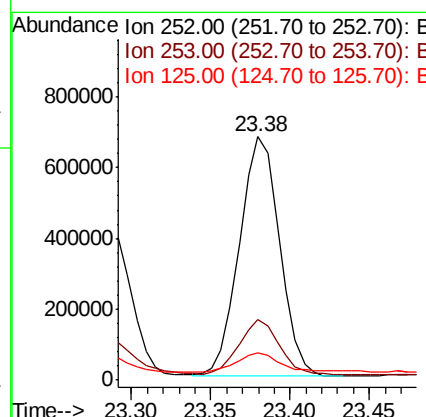
Delta R.T. 0.02 min

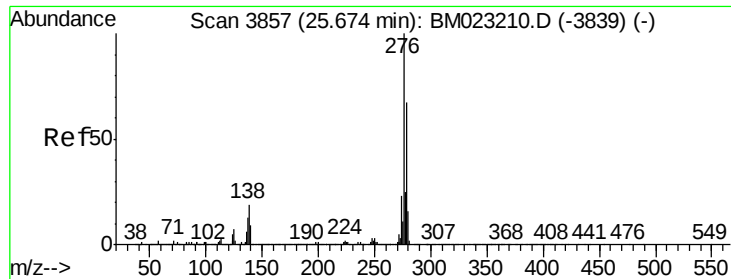
Lab File: BM023220.D

Acq: 17 Oct 2019 14:02

Tgt Ion:252 Resp: 1190729
Ion Ratio Lower Upper

252	100		
253	24.8	17.2	25.8
125	11.3	7.4	11.0#





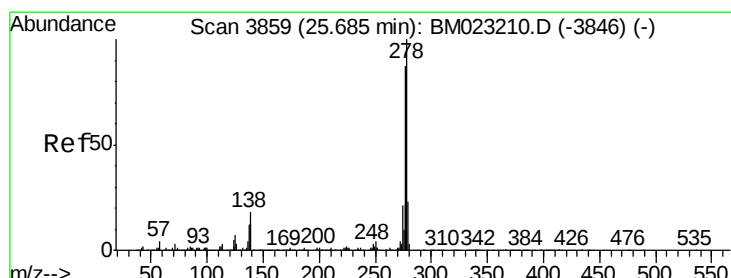
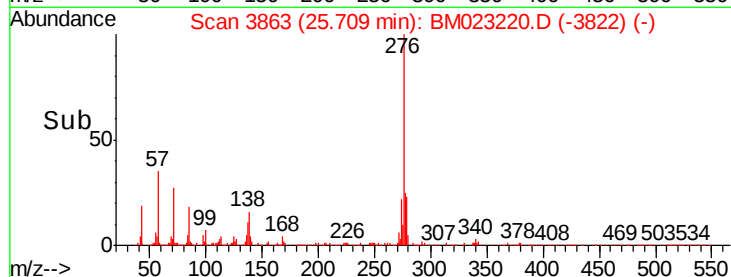
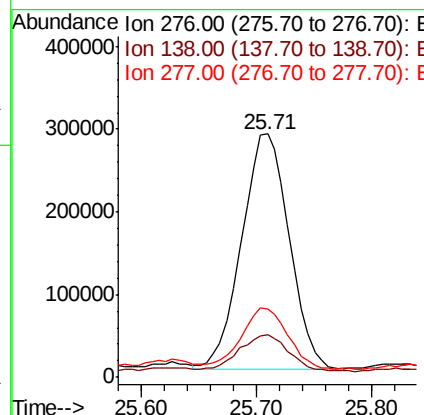
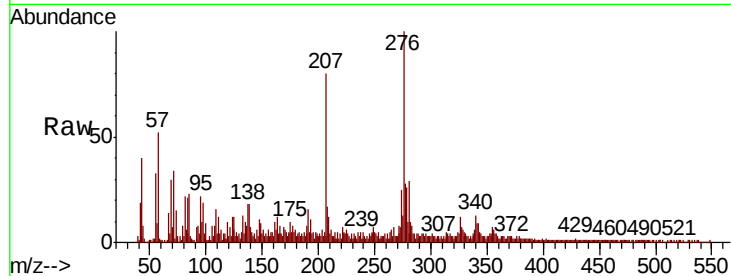
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.788 ng/ul
RT: 25.71 min Scan# 3863
Delta R.T. 0.04 min
Lab File: BM023220.D
Acq: 17 Oct 2019 14:02

Instrument :
BNA_M
ClientSampleId :
BEP79DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.7	14.9	22.3
277	28.3	19.8	29.8

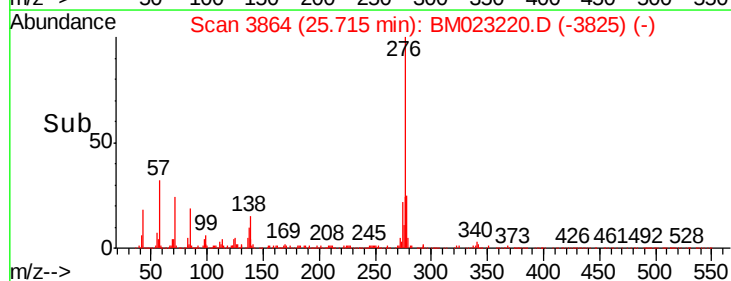
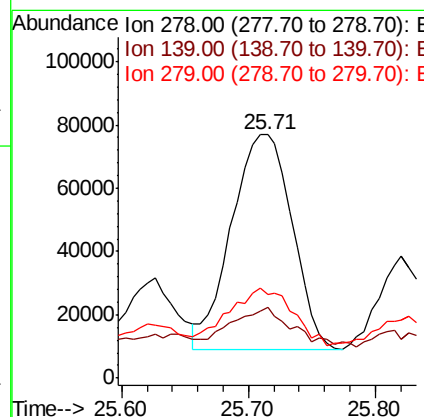
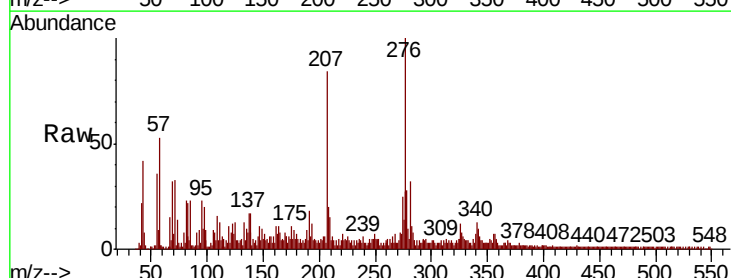
Manual Integrations
APPROVED

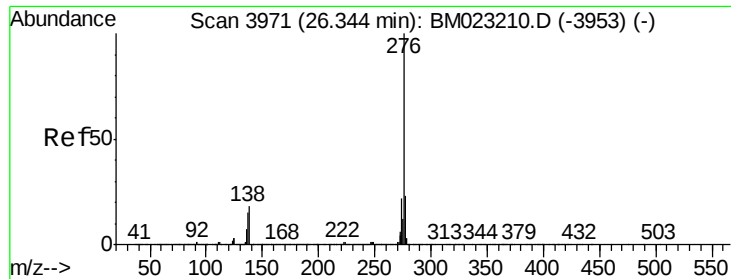
mohammad
10/18/2019 8:28:15 AM



#93
Dibenzo(a,h)anthracene
Concen: 1.266 ng/ul
RT: 25.71 min Scan# 3864
Delta R.T. 0.03 min
Lab File: BM023220.D
Acq: 17 Oct 2019 14:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.8	10.0	15.0#
279	34.3	19.4	29.0#





#94

Benzo(a,h,i)perylene

Concen: 3.415 ng/ul

RT: 26.39 min Scan# 3978

Delta R.T. 0.05 min

Lab File: BM023220.D

Acq: 17 Oct 2019 14:02

Instrument :

BNA_M

ClientSampleId :

BEP79DL

Tot Ion:	276	Resp:	601354
Ion Ratio	Lower	Upper	
276	100		
138	18.0	14.4	21.6
277	27.2	19.4	29.2

Manual Integrations
APPROVED

mohammad
10/18/2019 8:28:15 AM

