

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
 Data File : BM023230.D
 Acq On : 17 Oct 2019 21:30
 Operator : JU
 Sample : K5236-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEPL2

Manual Integrations
 APPROVED

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Quant Time: Oct 18 07:25:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 18 06:52:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	366970	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1433782	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	879458	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1744413	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	1831053	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	2271307	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	31267	3.75	ng/uL	0.00
5) Phenol-d5	6.84	99	590755	18.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	335570	18.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	490594	20.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	457527	17.82	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	233835	24.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	253281	27.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	499176	21.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	338095	11.83	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1444779	21.44	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1718809	21.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	191392	17.54	ng/ul	0.00
58) Fluorene-d10	15.30	176	1283448	22.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	125611	18.16	ng/ul	0.00
71) Anthracene-d10	17.15	188	1959923	23.30	ng/ul	0.00
79) Pyrene-d10	19.45	212	2180213	24.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	2721388	23.64	ng/ul	0.01

Target Compounds

					Ovalue
6) Phenol	6.86	94	98533	2.990	ng/ul 97
28) Naphthalene	10.49	128	105793	1.428	ng/ul 97
30) 4-Chloroaniline	10.60	127	251859	8.518	ng/ul 97
45) Dimethylphthalate	13.77	163	606311	8.988	ng/ul 99
48) Acenaphthylene	14.03	152	200272	2.478	ng/ul 99
50) Acenaphthene	14.37	153	96526	1.715	ng/ul 97
59) Fluorene	15.36	166	93560	1.427	ng/ul 98
67) Hexachlorobenzene	16.37	284	96389	4.036	ng/ul 98
70) Phenanthrene	17.10	178	1467896	14.994	ng/ul 99
72) Anthracene	17.19	178	381247	3.769	ng/ul 96
75) Carbazole	17.46	167	181713	2.011	ng/ul 99
77) Fluoranthene	19.12	202	2826136	24.274	ng/ul 97
80) Pyrene	19.48	202	2395772	20.886	ng/ul 98
81) Butylbenzylphthalate	20.40	149	54625	1.369	ng/ul# 67
83) Benzo(a)anthracene	21.24	228	1492283	12.028	ng/ul 92
84) Bis(2-ethylhexyl)phthalate	21.20	149	499003	7.866	ng/ul# 97
85) Chrysene	21.29	228	1533224m	13.309	ng/ul
88) Benzo(b)fluoranthene	22.81	252	2594134	18.838	ng/ul# 93
89) Benzo(k)fluoranthene	22.85	252	817804m	6.185	ng/ul
91) Benzo(a)pyrene	23.37	252	1765525	13.363	ng/ul# 93
92) Indeno(1,2,3-cd)pyrene	25.70	276	1512836	9.625	ng/ul 97
93) Dibenzo(a,h)anthracene	25.70	278	383999	2.922	ng/ul# 85
94) Benzo(g,h,i)perylene	26.37	276	1573692	12.161	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

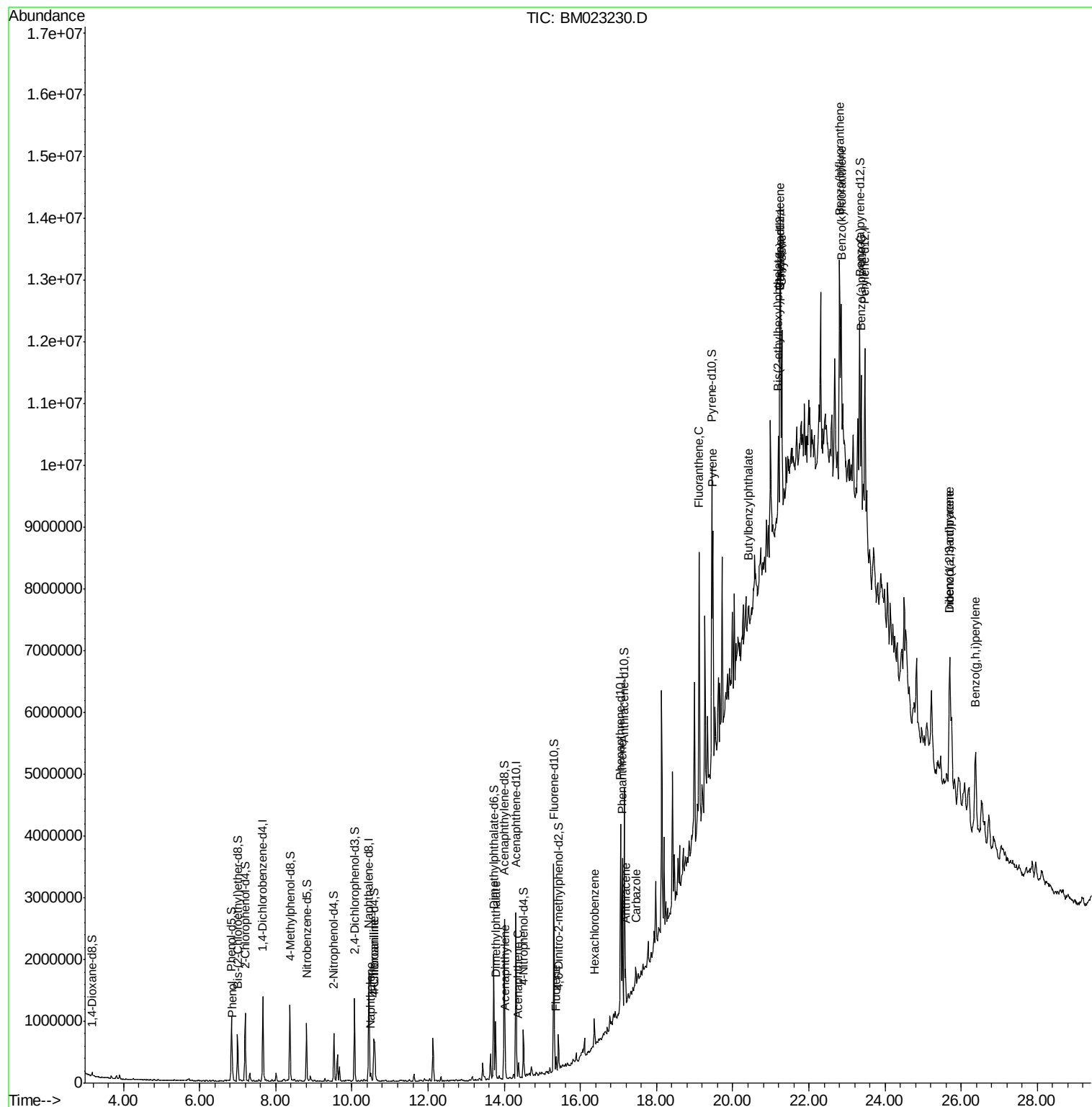
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
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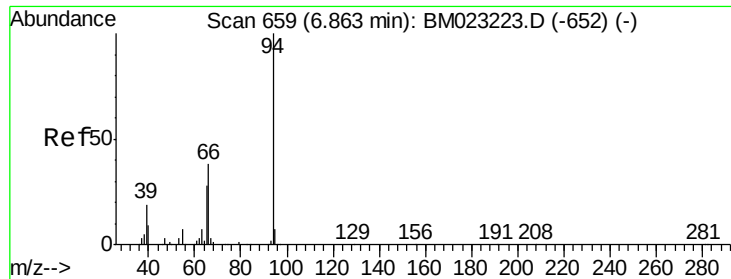
Instrument :
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#6

Phenol

Concen: 2.990 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM023230.D

Acq: 17 Oct 2019 21:30

Instrument :

BNA_M

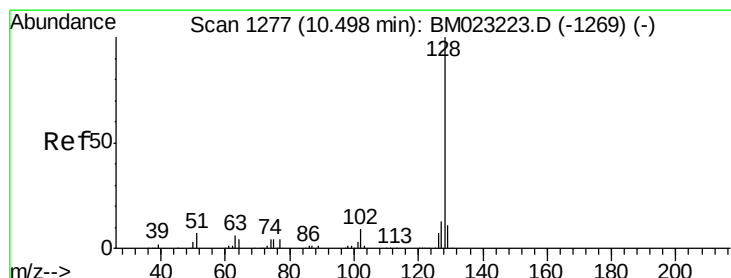
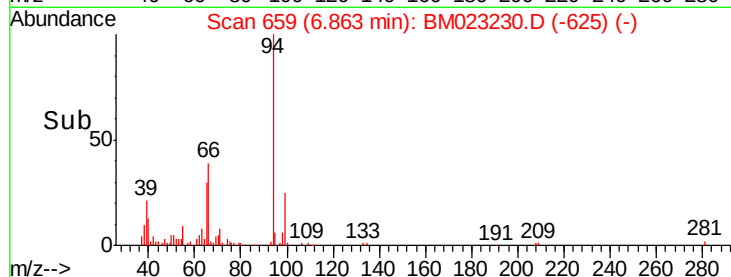
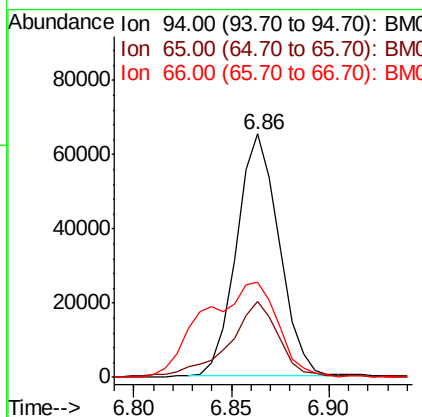
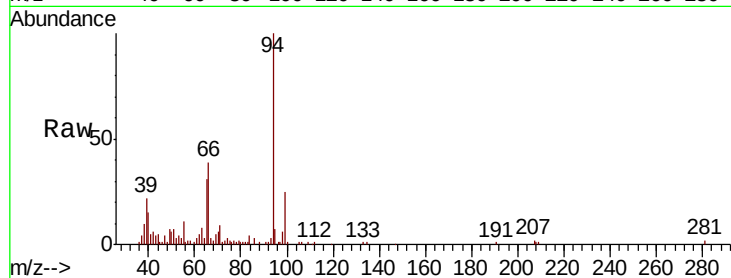
ClientSampleId :

BEPL2

Tot Ion:	94	Resp:	98533
Ion Ratio	Lower	Upper	
94	100		
65	31.2	23.7	35.5
66	38.9	32.9	49.3

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#28

Naphthalene

Concen: 1.428 ng/ul

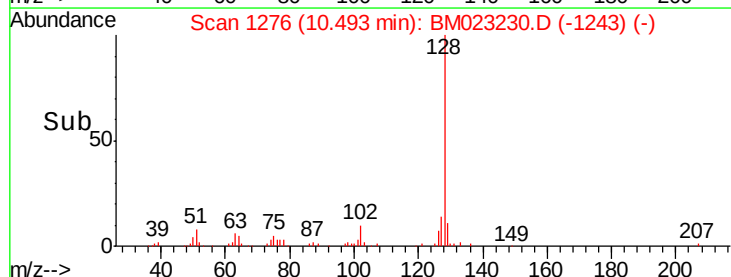
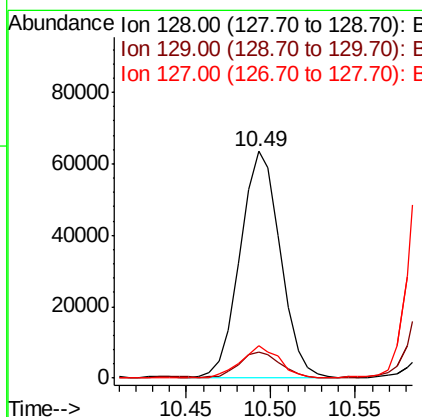
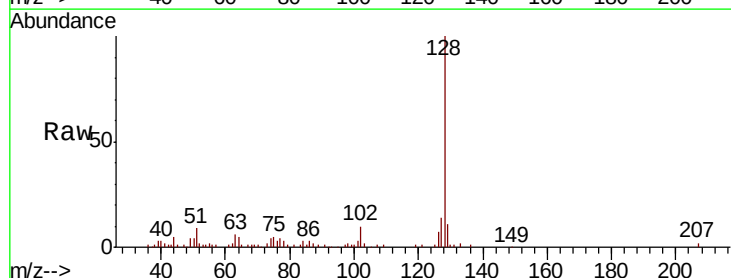
RT: 10.49 min Scan# 1276

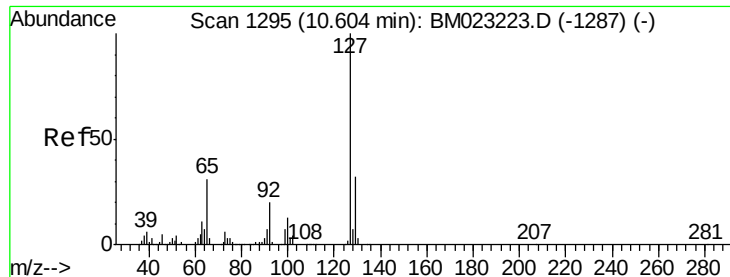
Delta R.T. -0.01 min

Lab File: BM023230.D

Acq: 17 Oct 2019 21:30

Tgt Ion:	128	Resp:	105793
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.3	12.5
127	14.2	10.2	15.4





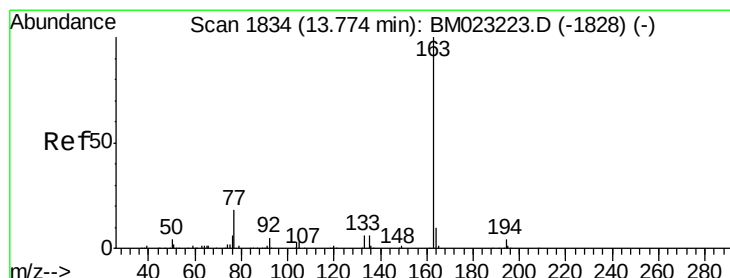
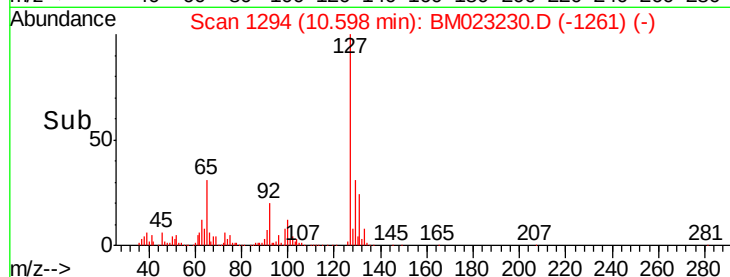
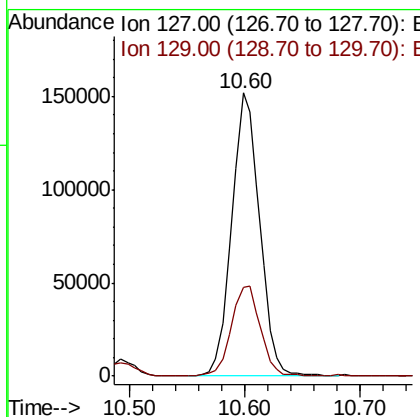
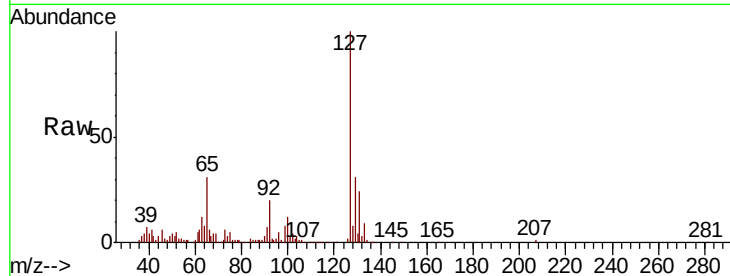
#30
4-Chloroaniline
Concen: 8.518 ng/ul
RT: 10.60 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BM023230.D
Acq: 17 Oct 2019 21:30

Instrument :
BNA_M
ClientSampleId :
BEPL2

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.3	39.5

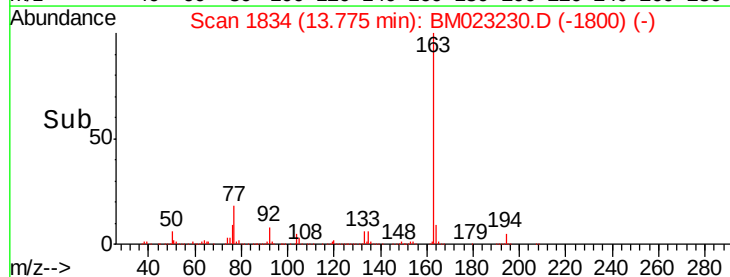
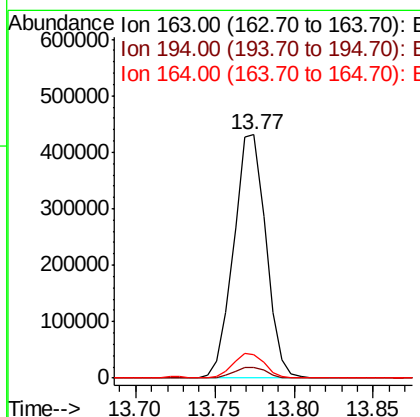
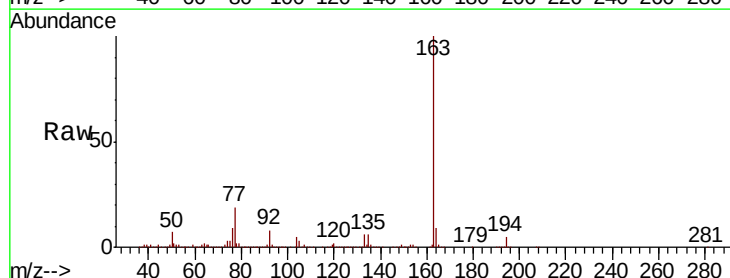
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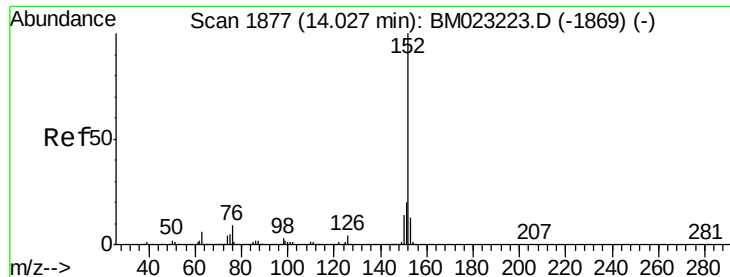
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#45
Dimethylphthalate
Concen: 8.988 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BM023230.D
Acq: 17 Oct 2019 21:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	9.4	8.0	12.0





#48

Acenaphthylene

Concen: 2.478 ng/ul

RT: 14.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BM023230.D

Acq: 17 Oct 2019 21:30

Instrument :

BNA_M

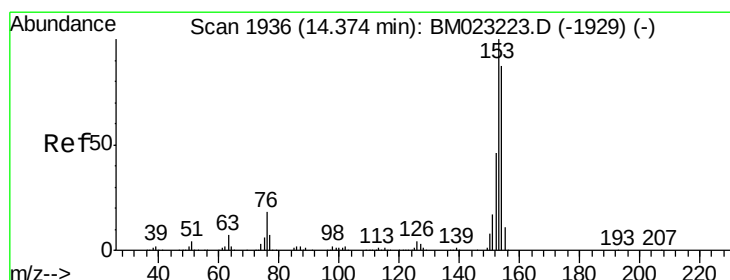
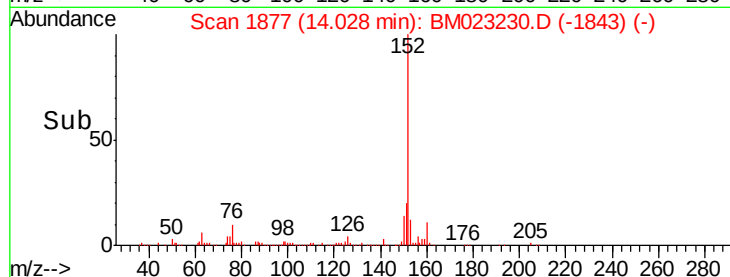
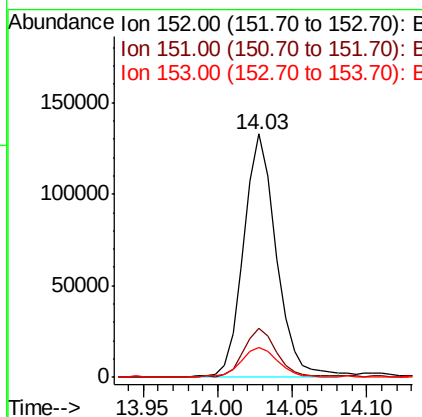
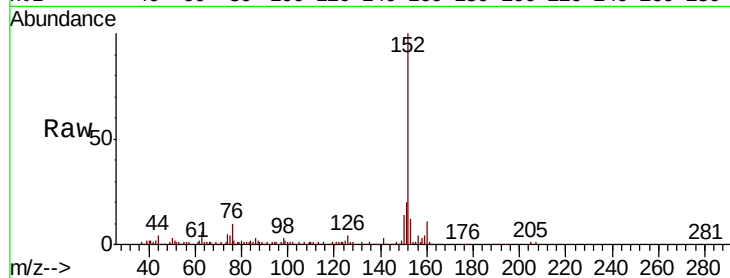
ClientSampleId :

BEPL2

Tot Ion:	152	Resp:	200272
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.8	23.6
153	12.1	10.3	15.5

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#50

Acenaphthene

Concen: 1.715 ng/ul

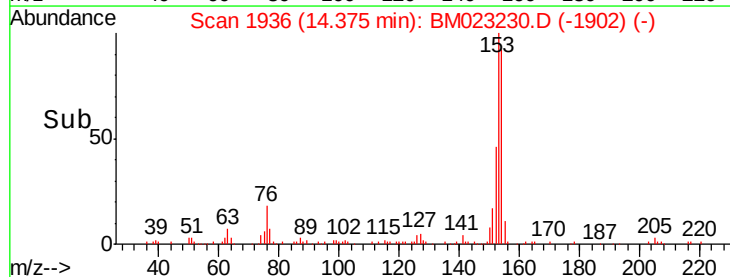
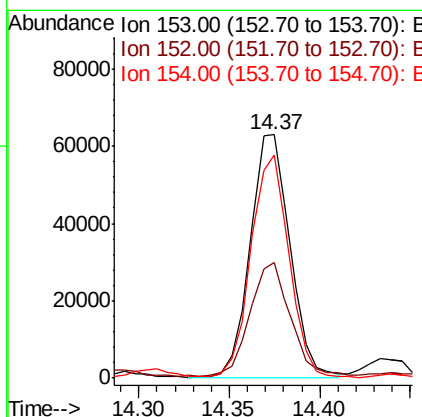
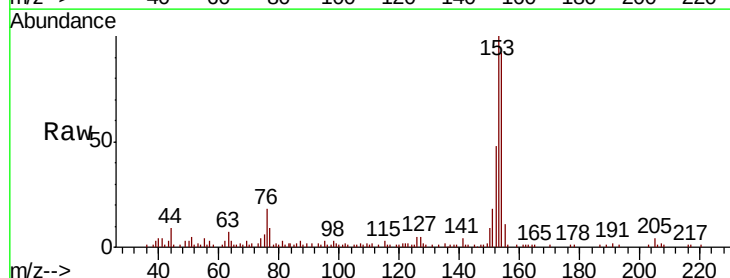
RT: 14.37 min Scan# 1936

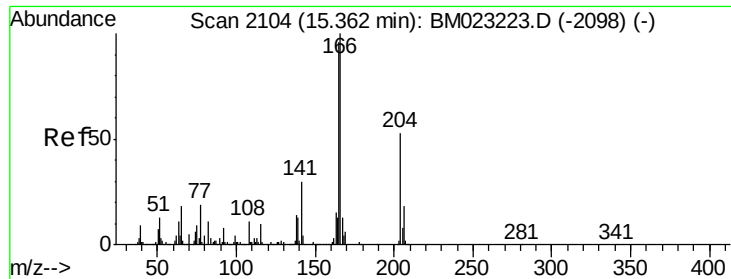
Delta R.T. 0.00 min

Lab File: BM023230.D

Acq: 17 Oct 2019 21:30

Tgt Ion:	153	Resp:	96526
Ion Ratio	Lower	Upper	
153	100		
152	47.6	38.0	57.0
154	91.7	70.4	105.6





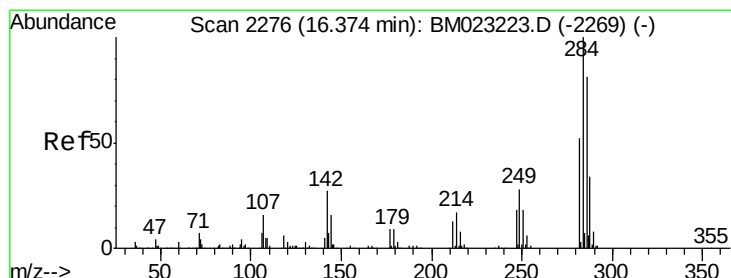
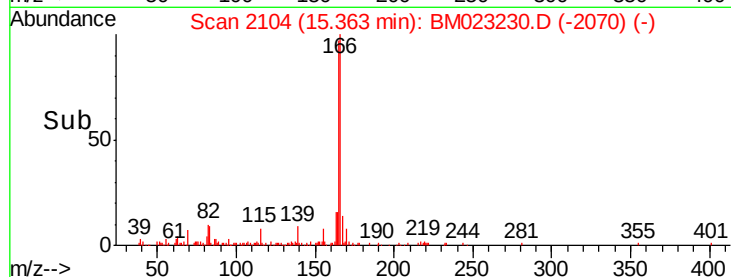
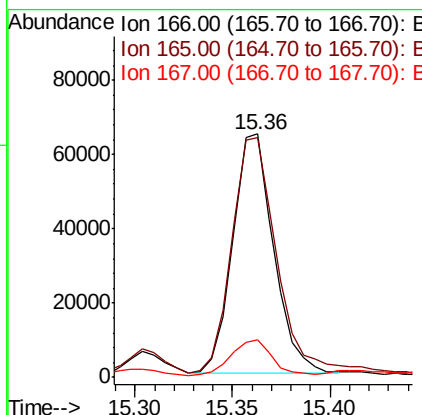
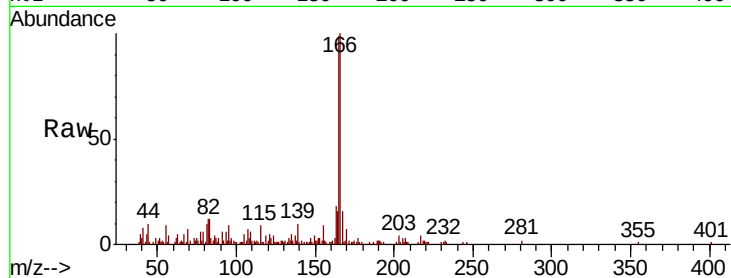
#59
 Fluorene
 Concen: 1.427 ng/ul
 RT: 15.36 min Scan# 2104
 Delta R.T. 0.00 min
 Lab File: BM023230.D
 Acq: 17 Oct 2019 21:30

Instrument :
 BNA_M
 ClientSampleId :
 BEPL2

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.4	116.0
167	15.6	10.8	16.2

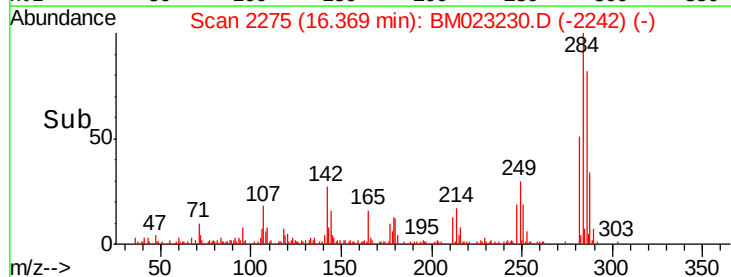
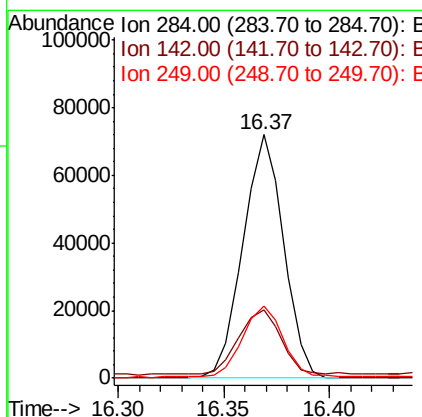
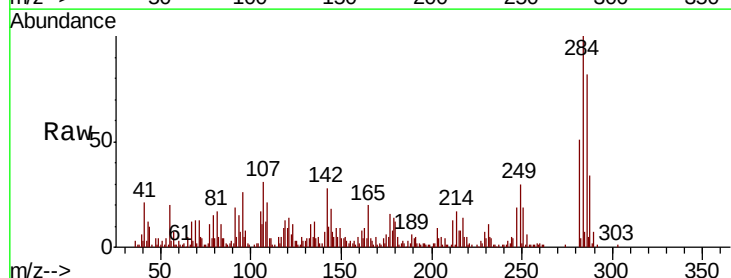
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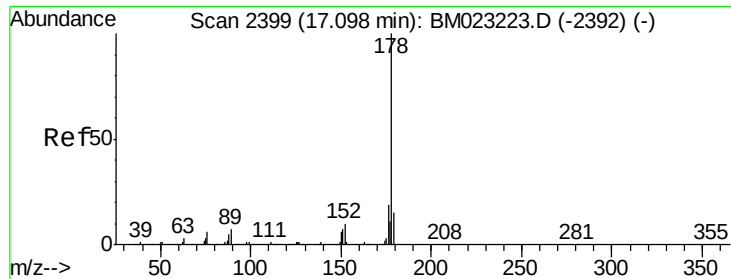
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#67
 Hexachlorobenzene
 Concen: 4.036 ng/ul
 RT: 16.37 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BM023230.D
 Acq: 17 Oct 2019 21:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.1	23.8	35.8
249	29.6	24.2	36.2





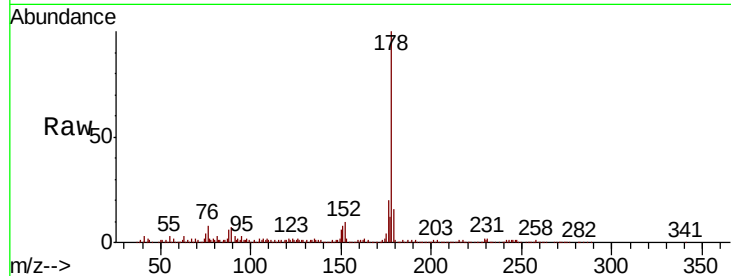
#70
Phenanthrene
Concen: 14.994 ng/ul
RT: 17.10 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM023230.D
Acq: 17 Oct 2019 21:30

Instrument :
BNA_M
ClientSampleId :
BEPL2

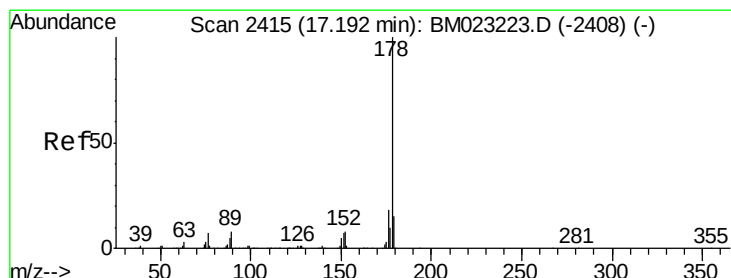
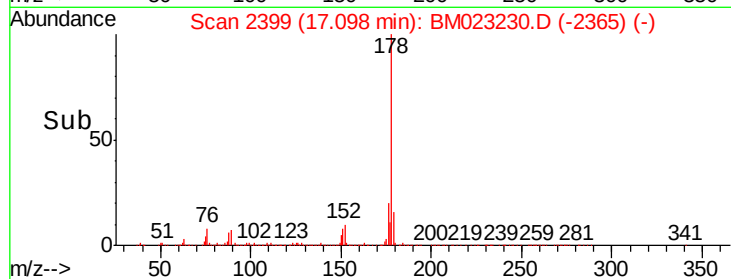
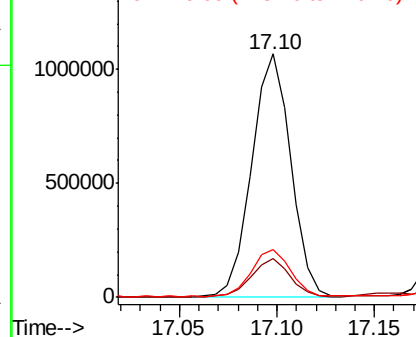
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.8	15.5	23.3

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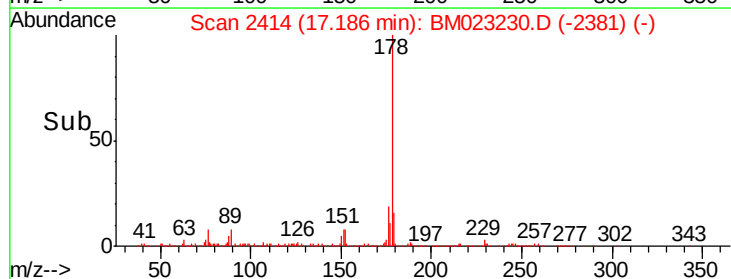
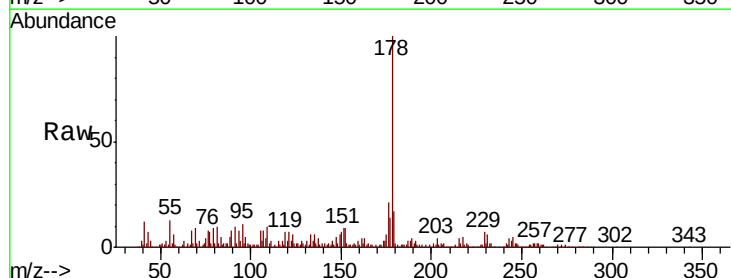
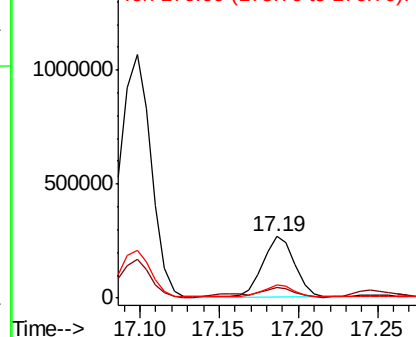
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

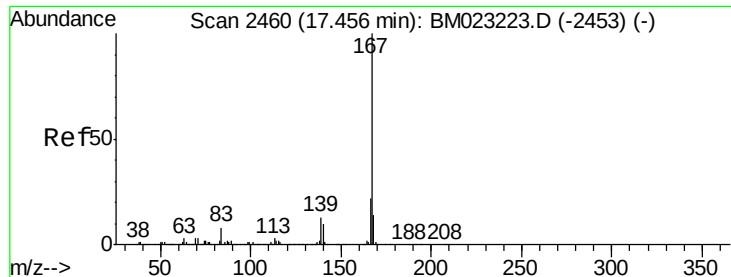


#72
Anthracene
Concen: 3.769 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM023230.D
Acq: 17 Oct 2019 21:30

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.3	18.5
176	20.7	15.0	22.4

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





#75

Carbazole

Concen: 2.011 ng/ul

RT: 17.46 min Scan# 2460

Delta R.T. 0.00 min

Lab File: BM023230.D

Acq: 17 Oct 2019 21:30

Instrument :

BNA_M

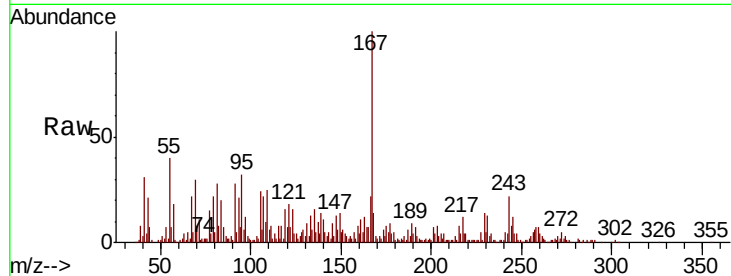
ClientSampleId :

BEPL2

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.9	10.2	15.2

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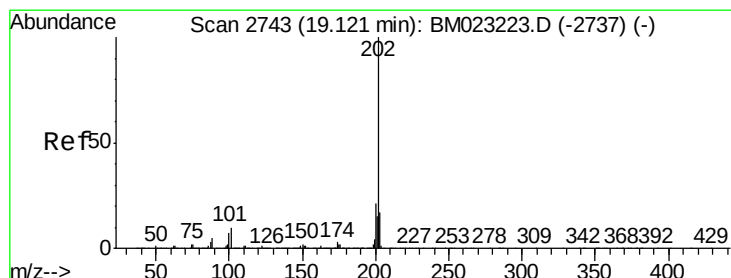
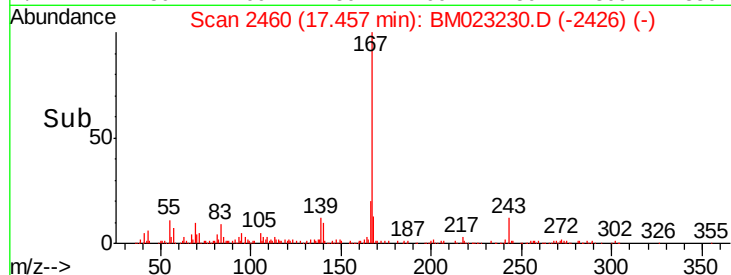
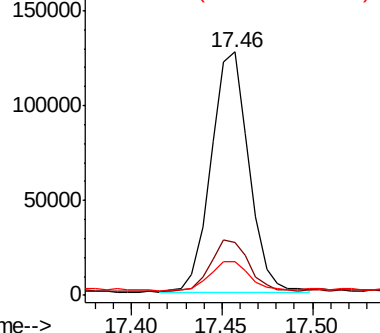


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 24.274 ng/ul

RT: 19.12 min Scan# 2743

Delta R.T. 0.00 min

Lab File: BM023230.D

Acq: 17 Oct 2019 21:30

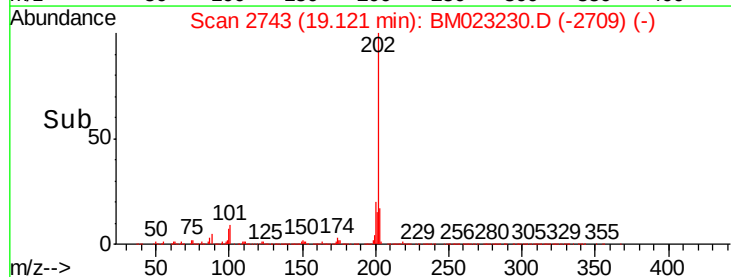
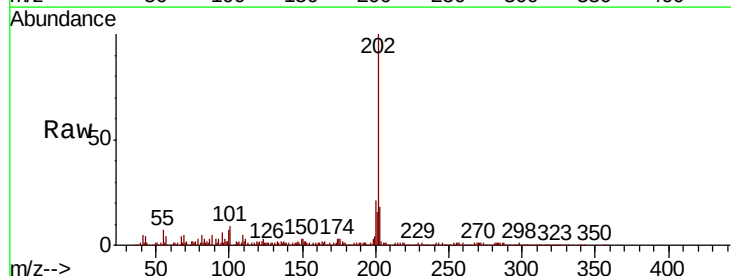
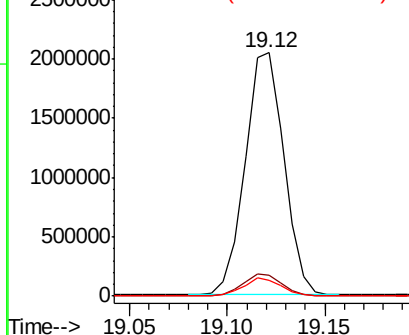
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.8	11.8
100	6.7	6.1	9.1

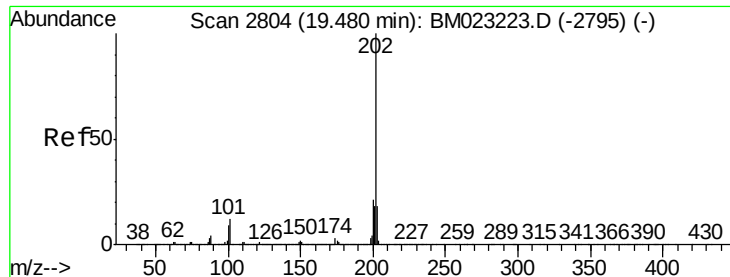
Abundance

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): E





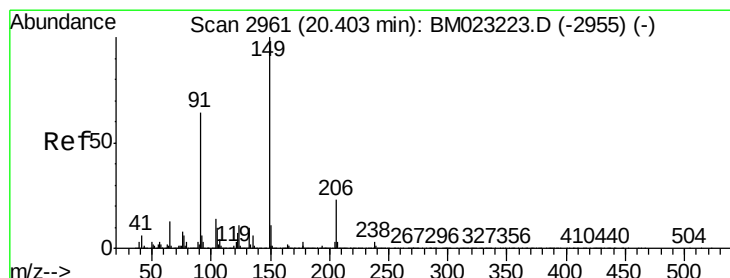
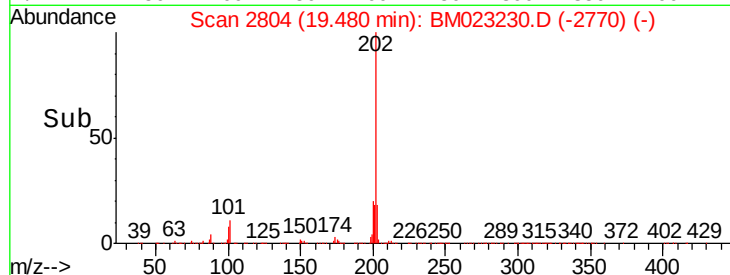
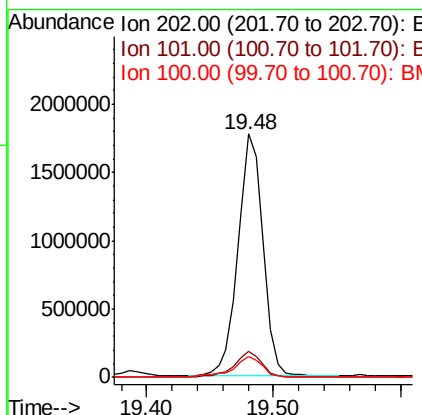
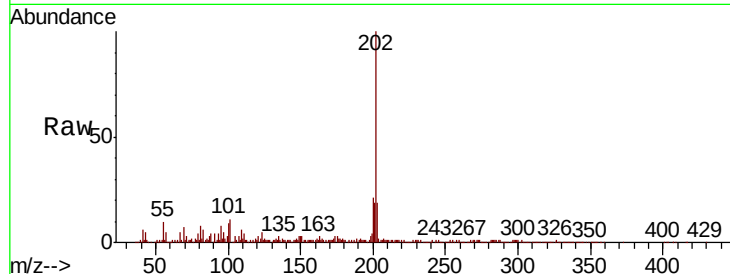
#80
Pvrene
Concen: 20.886 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM023230.D
Acq: 17 Oct 2019 21:30

Instrument :
BNA_M
ClientSampleId :
BEPL2

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.1	13.7
100	8.6	7.5	11.3

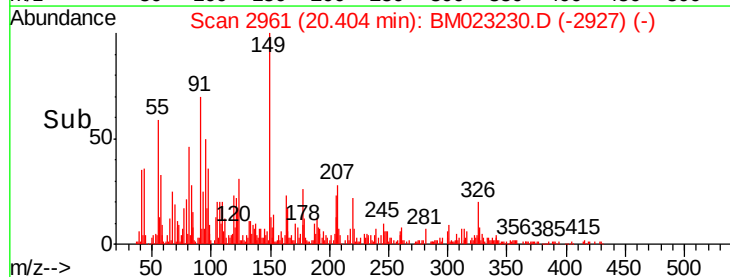
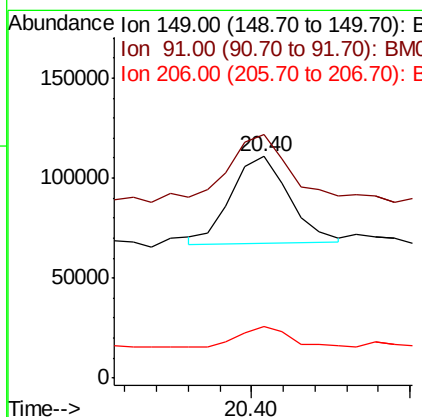
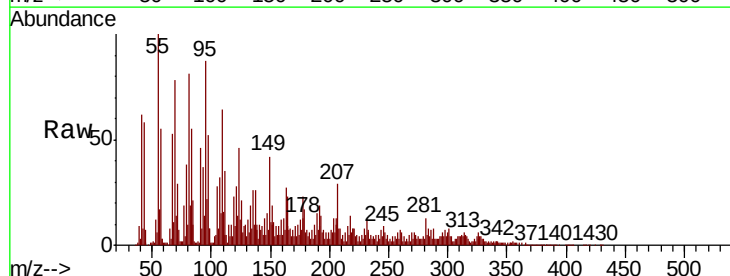
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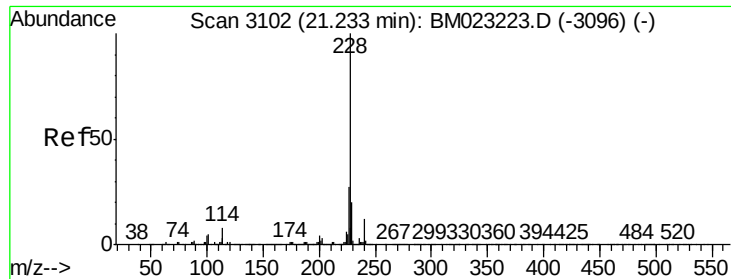
mohammad
10/20/2019 8:06:25 PM



#81
Butylbenzylphthalate
Concen: 1.369 ng/ul
RT: 20.40 min Scan# 2961
Delta R.T. 0.00 min
Lab File: BM023230.D
Acq: 17 Oct 2019 21:30

Tgt Ion	Ratio	Lower	Upper
149	100		
91	109.9	59.9	89.9#
206	23.4	17.1	25.7





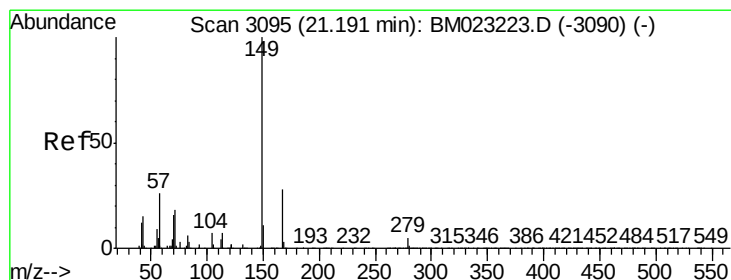
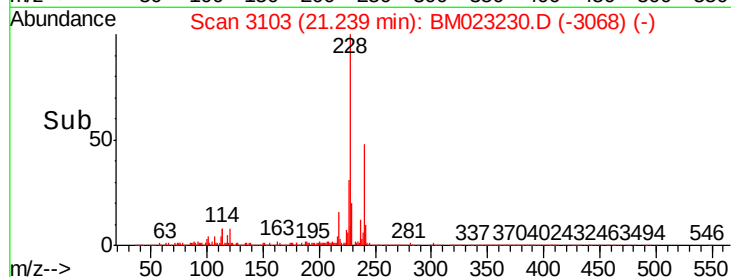
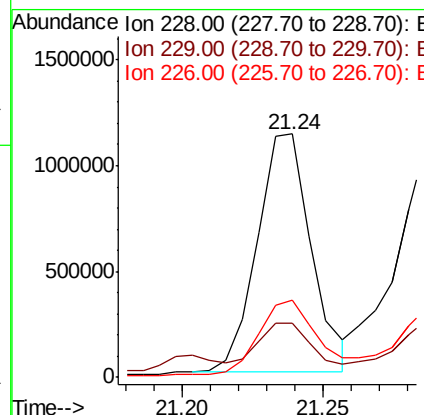
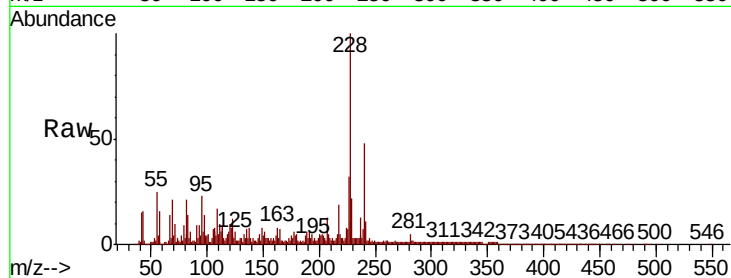
#83
Benzo(a)anthracene
Concen: 12.028 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. 0.01 min
Lab File: BM023230.D
Acq: 17 Oct 2019 21:30

Instrument :
BNA_M
ClientSampleId :
BEPL2

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.7	23.5
226	31.8	21.6	32.4

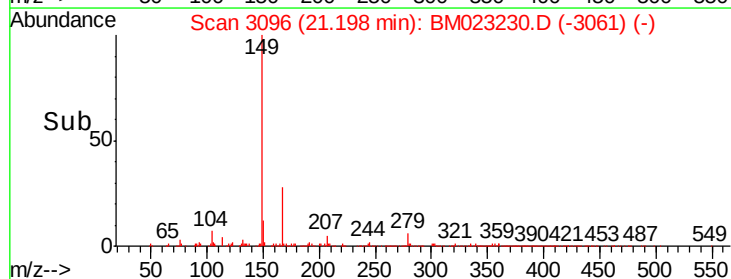
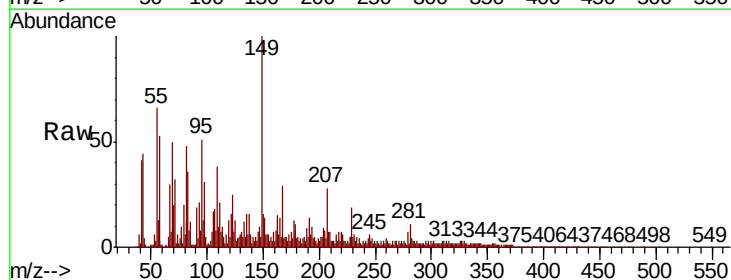
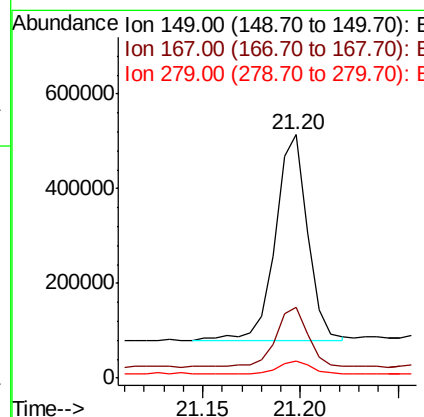
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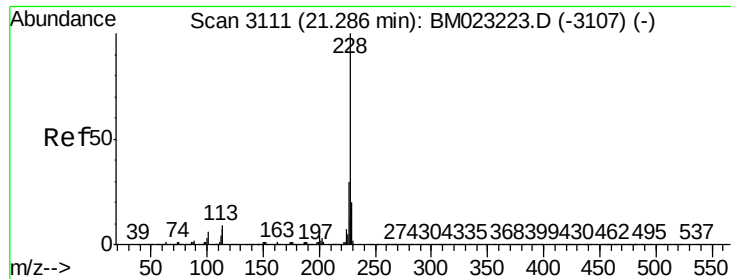
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 7.866 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BM023230.D
Acq: 17 Oct 2019 21:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.5	33.7
279	7.2	4.0	6.0





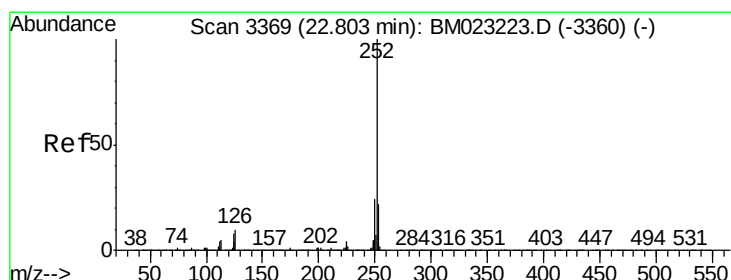
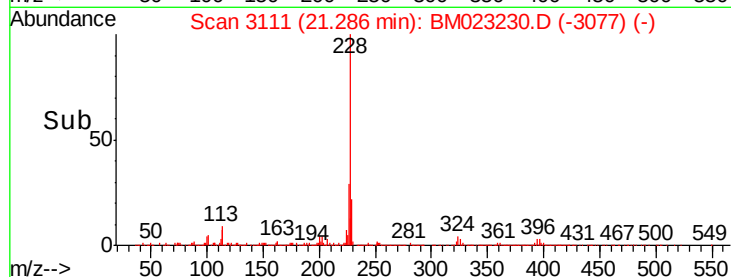
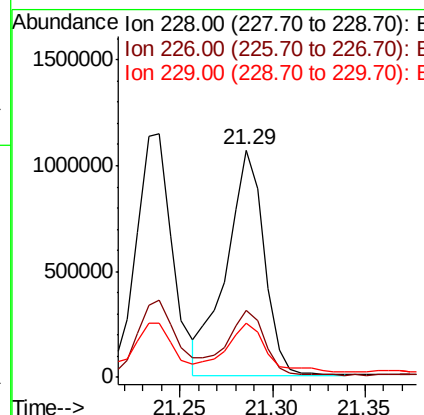
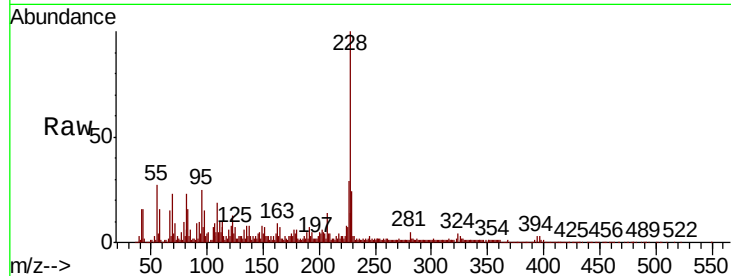
#85
Chrysene
Concen: 13.309 ng/ul m
RT: 21.29 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BM023230.D
Acq: 17 Oct 2019 21:30

Instrument :
BNA_M
ClientSampleId :
BEPL2

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.6
229	24.1	15.5	23.3

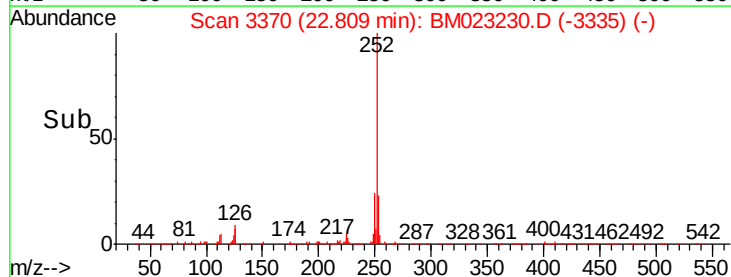
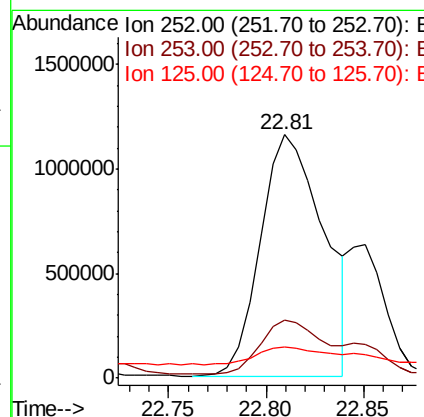
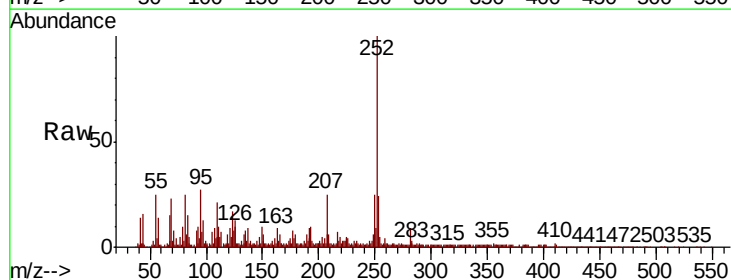
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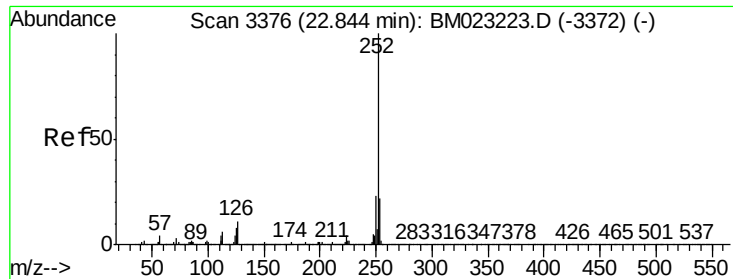
mohammad
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#88
Benzo(b)fluoranthene
Concen: 18.838 ng/ul
RT: 22.81 min Scan# 3370
Delta R.T. 0.01 min
Lab File: BM023230.D
Acq: 17 Oct 2019 21:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	13.0	6.4	9.6





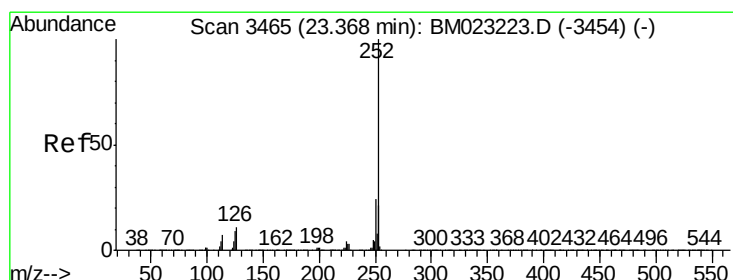
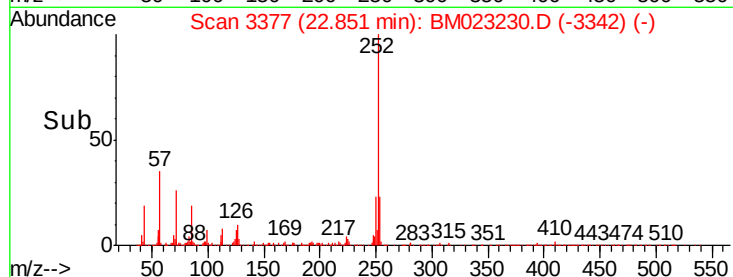
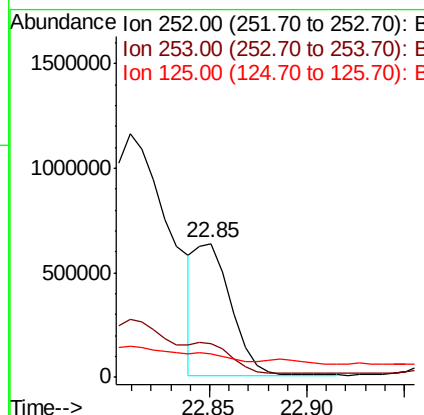
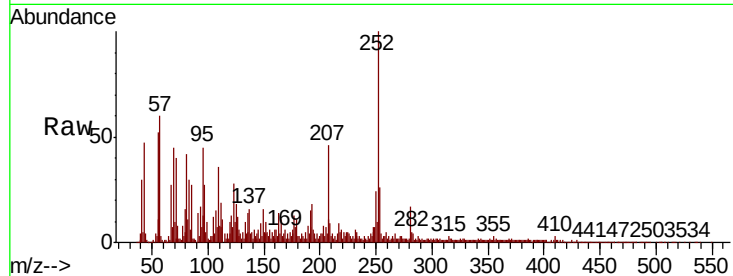
#89
Benzo(k)fluoranthene
Concen: 6.185 ng/ul m
RT: 22.85 min Scan# 3377
Delta R.T. 0.01 min
Lab File: BM023230.D
Acq: 17 Oct 2019 21:30

Instrument :
BNA_M
ClientSampleId :
BEPL2

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.4	26.0
125	17.8	6.5	9.7#

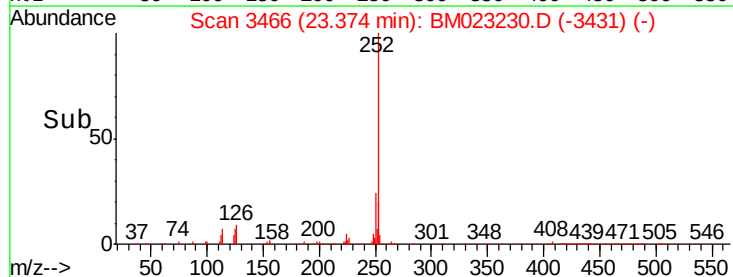
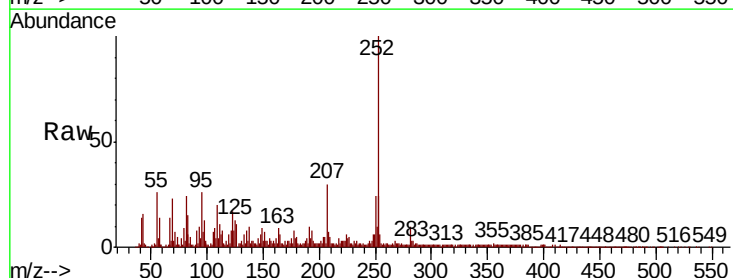
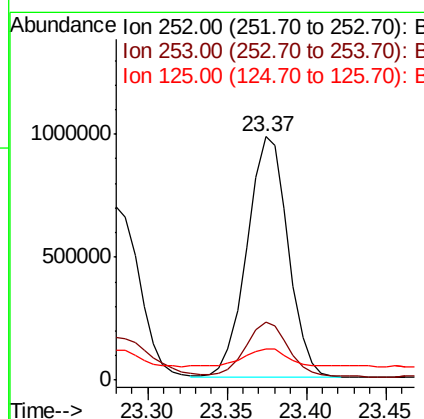
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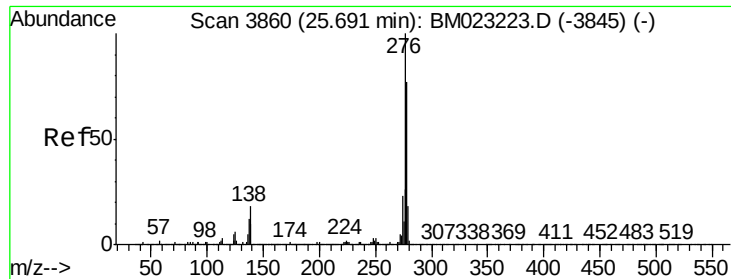
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#91
Benzo(a)pyrene
Concen: 13.363 ng/ul
RT: 23.37 min Scan# 3466
Delta R.T. 0.01 min
Lab File: BM023230.D
Acq: 17 Oct 2019 21:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	12.9	7.4	11.0#





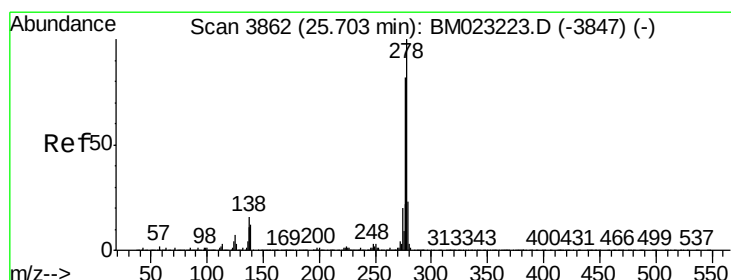
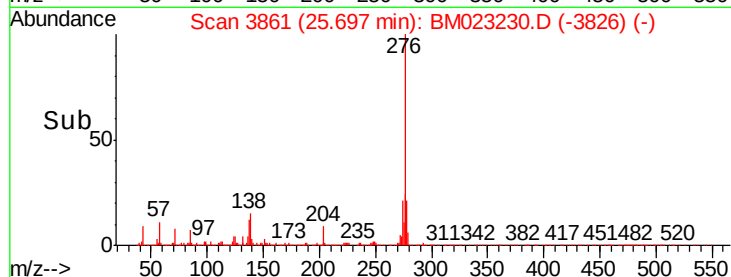
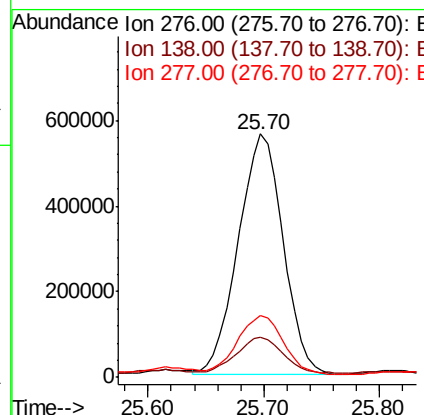
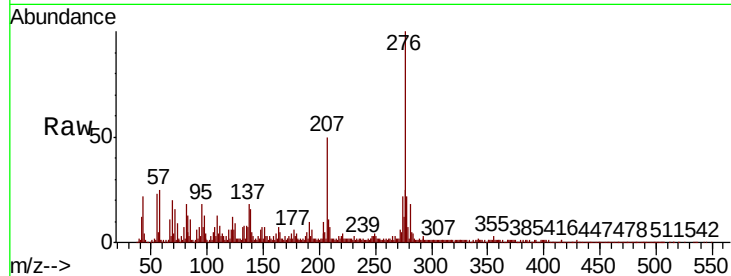
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 9.625 ng/ul
 RT: 25.70 min Scan# 3861
 Delta R.T. 0.01 min
 Lab File: BM023230.D
 Acq: 17 Oct 2019 21:30

Instrument :
 BNA_M
 ClientSampleId :
 BEPL2

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.3	14.9	22.3
277	25.2	19.8	29.8

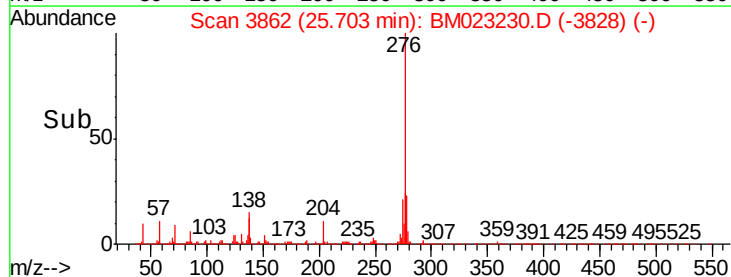
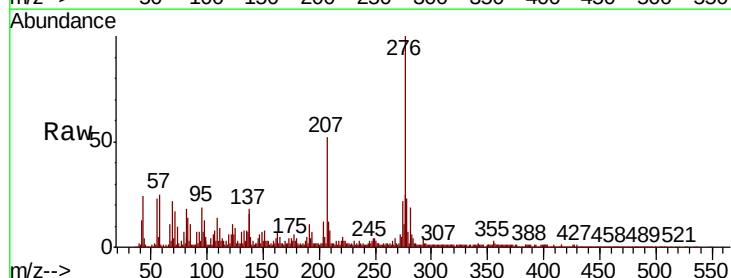
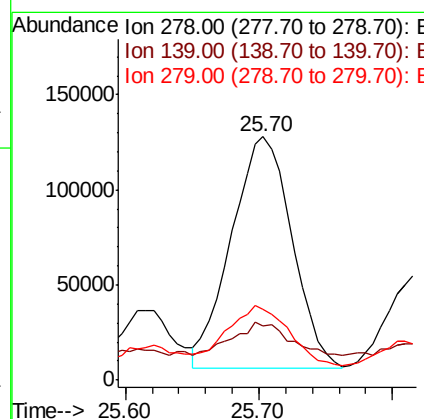
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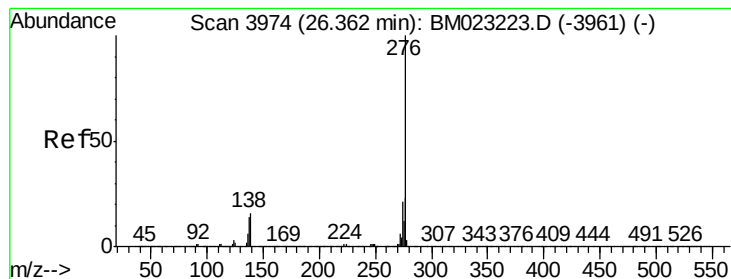
mohammad
 10/20/2019 8:06:25 PM



#93
 Dibenzo(a,h)anthracene
 Concen: 2.922 ng/ul
 RT: 25.70 min Scan# 3862
 Delta R.T. 0.00 min
 Lab File: BM023230.D
 Acq: 17 Oct 2019 21:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.0	10.0	15.0#
279	29.1	19.4	29.0#





#94

Benzo(a,h,i)perylene

Concen: 12.161 ng/ul

RT: 26.37 min Scan# 3976

Delta R.T. 0.01 min

Lab File: BM023230.D

Acq: 17 Oct 2019 21:30

Instrument :

BNA_M

ClientSampleId :

BEPL2

Tot Ion:276 Resp: 1573692

Ion Ratio Lower Upper

276 100

138 16.6 14.4 21.6

277 25.2 19.4 29.2

Manual Integrations

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