

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101719\
 Data File : BM023225.D
 Acq On : 17 Oct 2019 18:29
 Operator : JU
 Sample : K5236-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BEPL8

Manual Integrations
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Quant Time: Oct 22 07:43:26 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	384506	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1531852	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	943222	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1845616	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	1947351	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	2351950	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	28369	3.25	ng/uL	0.00
5) Phenol-d5	6.84	99	555716	16.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	319649	16.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	466382	18.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	309555	11.51	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	225490	21.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	244999	24.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	470721	18.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	355893	11.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1436185	19.87	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1694106	19.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	161111	13.77	ng/ul	0.00
58) Fluorene-d10	15.30	176	1270110	20.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	110563	15.11	ng/ul	0.00
71) Anthracene-d10	17.16	188	1803711	20.27	ng/ul	0.00
79) Pyrene-d10	19.46	212	2089751	22.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.34	264	2535470	21.27	ng/ul	0.02

Target Compounds

					Qvalue
6) Phenol	6.86	94	91660	2.654	ng/ul 99
30) 4-Chloroaniline	10.60	127	130918	4.144	ng/ul 97
45) Dimethylphthalate	13.77	163	523368	7.234	ng/ul 99
67) Hexachlorobenzene	16.37	284	43333	1.715	ng/ul 96
70) Phenanthrene	17.10	178	476130	4.597	ng/ul 98
77) Fluoranthene	19.12	202	855531	6.945	ng/ul 99
80) Pyrene	19.49	202	712342	5.839	ng/ul 98
83) Benzo(a)anthracene	21.24	228	465221	3.526	ng/ul# 88
84) Bis(2-ethylhexyl)phthalate	21.20	149	121909	1.807	ng/ul# 94
85) Chrysene	21.29	228	513314	4.190	ng/ul# 88
88) Benzo(b)fluoranthene	22.82	252	875792	6.142	ng/ul# 83
89) Benzo(k)fluoranthene	22.85	252	237052m	1.731	ng/ul
91) Benzo(a)pyrene	23.38	252	524260	3.832	ng/ul# 79
92) Indeno(1,2,3-cd)pyrene	25.70	276	559793	3.439	ng/ul 98
94) Benzo(g,h,i)perylene	26.38	276	675650	5.042	ng/ul 99

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

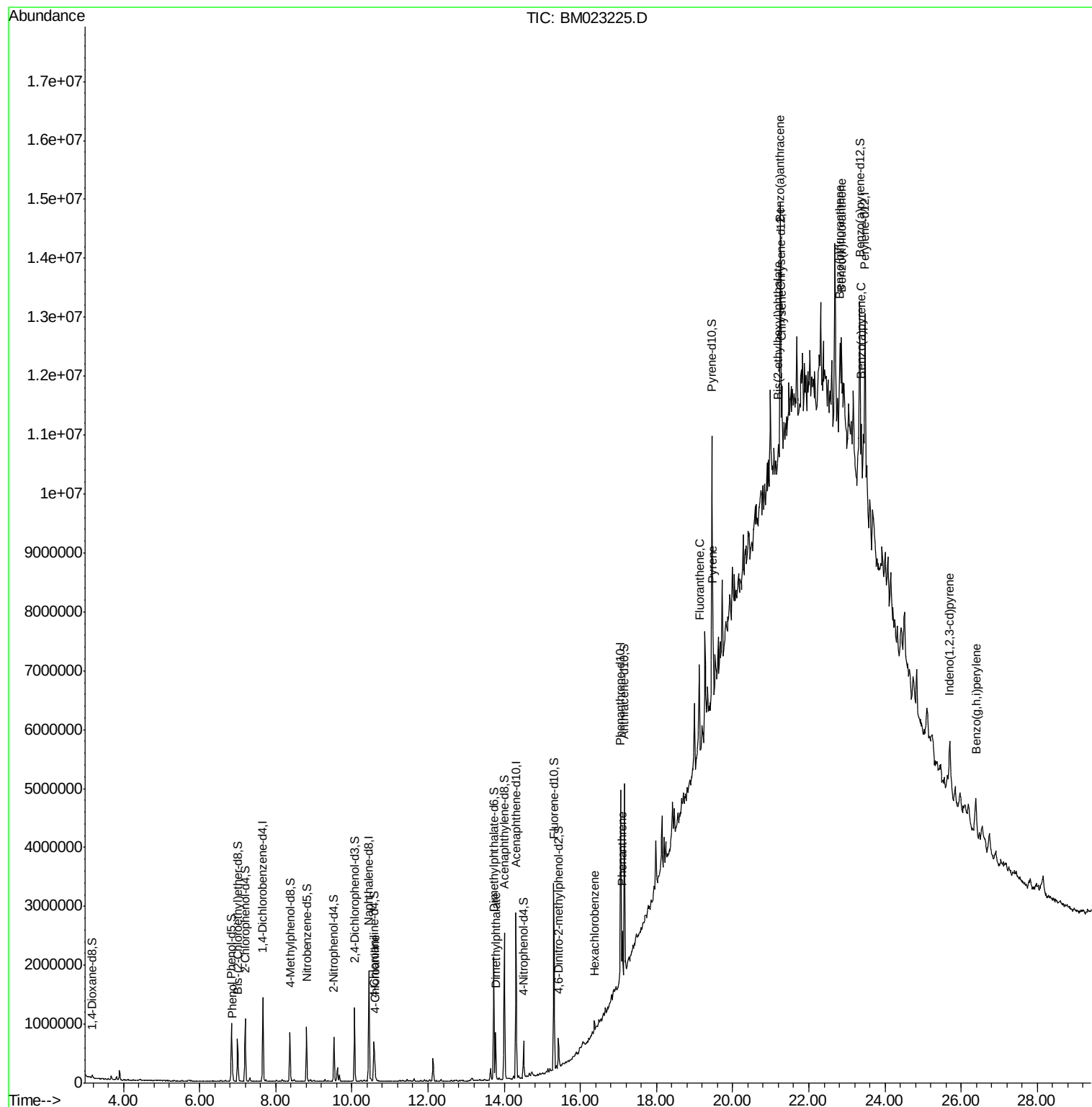
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101719\
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ALS Vial : 4 Sample Multiplier: 1

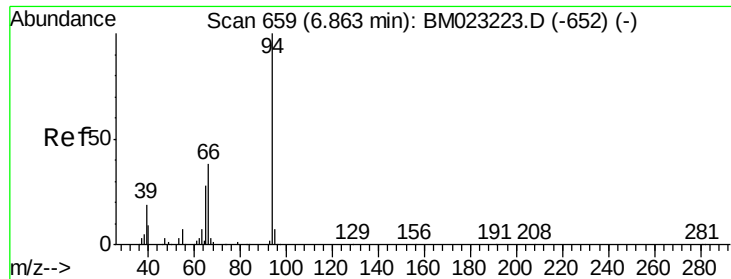
Instrument :
BNA_M
ClientSampleId :
BEPL8

Quant Time: Oct 22 07:43:26 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
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#6

Phenol

Concen: 2.654 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM023225.D

Acq: 17 Oct 2019 18:29

Instrument :

BNA_M

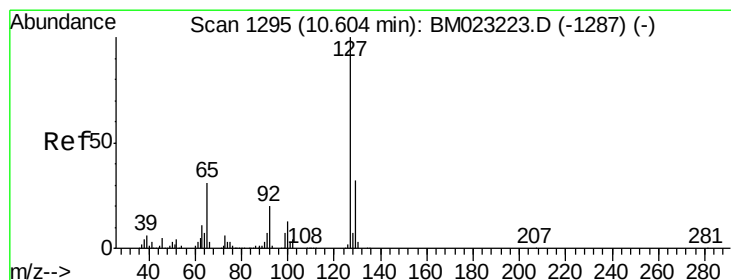
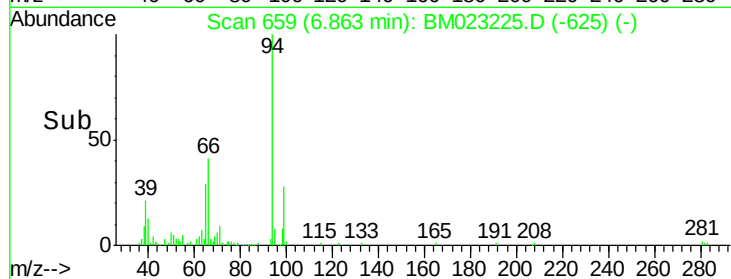
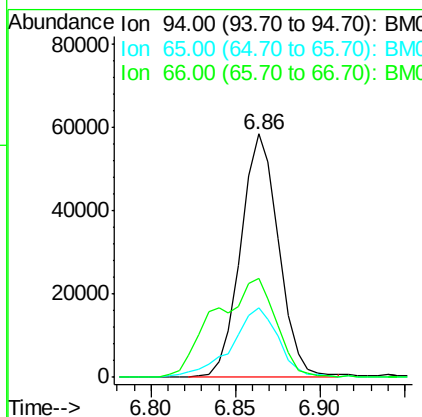
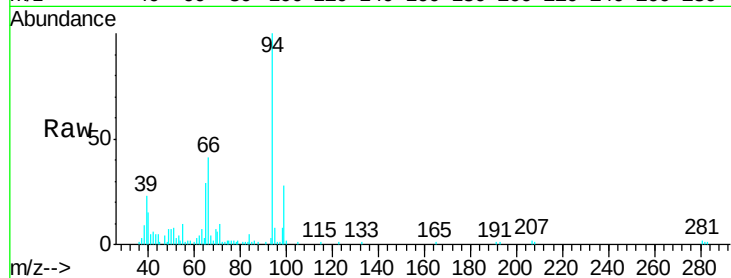
ClientSampleId :

BEPL8

Tgt Ion:	94	Resp:	91660
Ion	Ratio	Lower	Upper
94	100		
65	28.7	23.7	35.5
66	40.8	32.9	49.3

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#30

4-Chloroaniline

Concen: 4.144 ng/ul

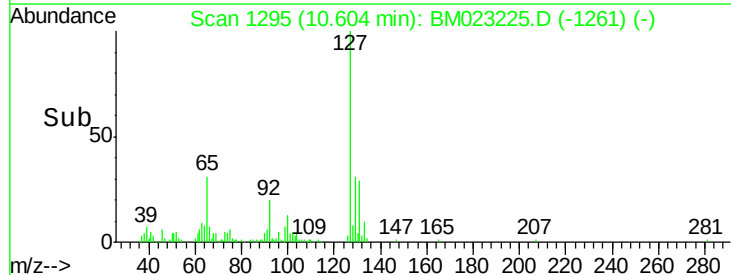
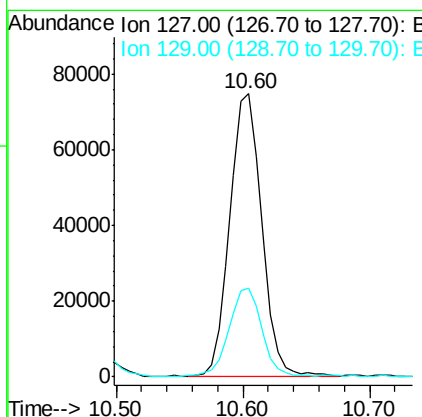
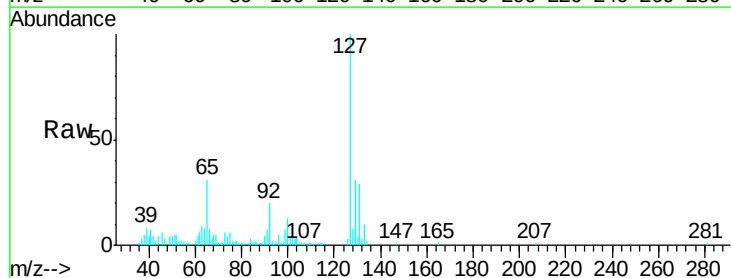
RT: 10.60 min Scan# 1295

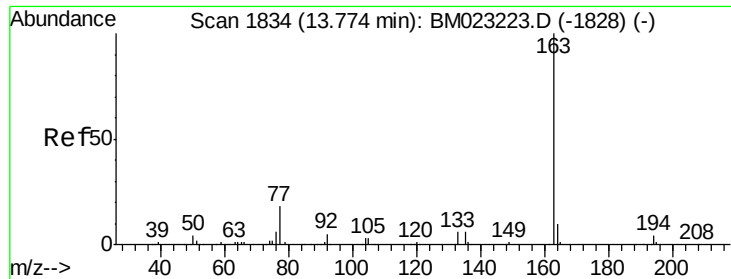
Delta R.T. 0.00 min

Lab File: BM023225.D

Acq: 17 Oct 2019 18:29

Tgt Ion:	127	Resp:	130918
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.3	39.5





#45

Dimethylphthalate

Concen: 7.234 ng/ul

RT: 13.77 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BM023225.D

Acq: 17 Oct 2019 18:29

Instrument :

BNA_M

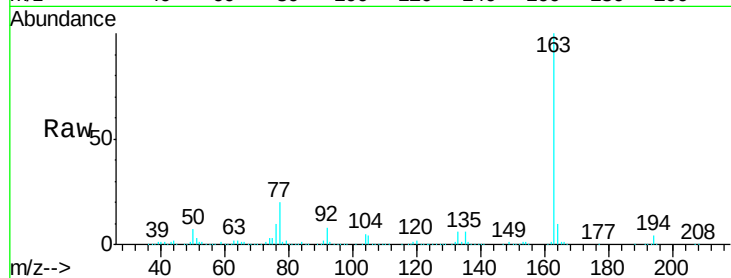
ClientSampled :

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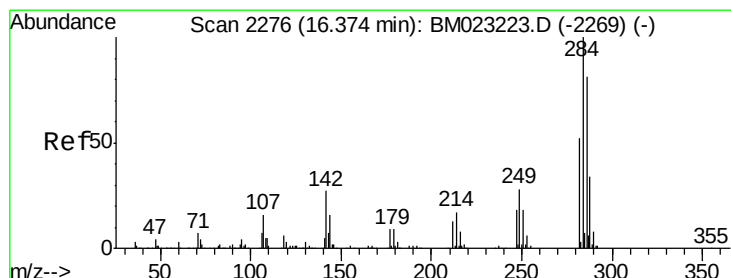
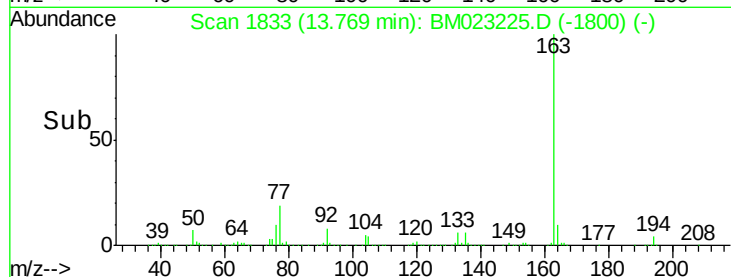
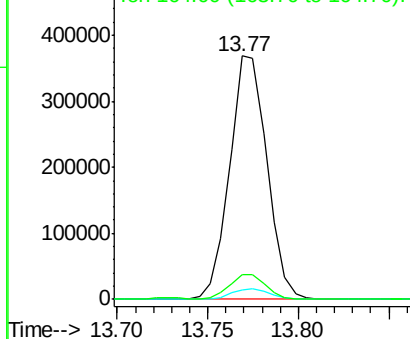
Tgt Ion:	163	Resp:	523368
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.5	5.3
164	9.9	8.0	12.0

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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



#67

Hexachlorobenzene

Concen: 1.715 ng/ul

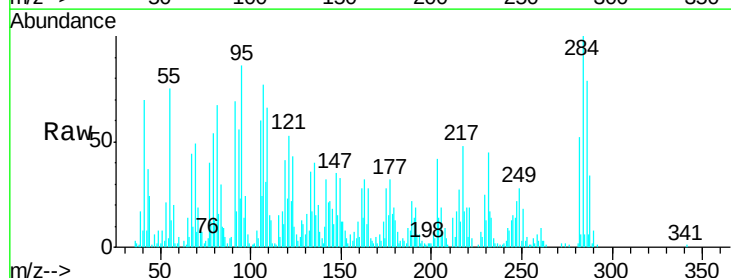
RT: 16.37 min Scan# 2275

Delta R.T. -0.01 min

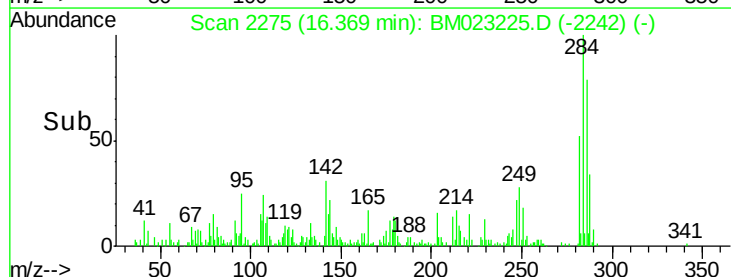
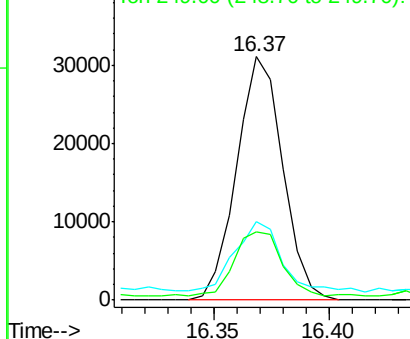
Lab File: BM023225.D

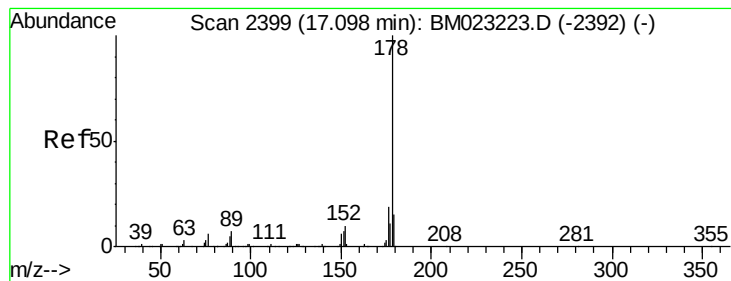
Acq: 17 Oct 2019 18:29

Tgt Ion:	284	Resp:	43333
Ion Ratio	Lower	Upper	
284	100		
142	32.4	23.8	35.8
249	28.2	24.2	36.2



Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#70

Phenanthrene

Concen: 4.597 ng/ul

RT: 17.10 min Scan# 2399

Delta R.T. 0.00 min

Lab File: BM023225.D

Acq: 17 Oct 2019 18:29

Instrument :

BNA_M

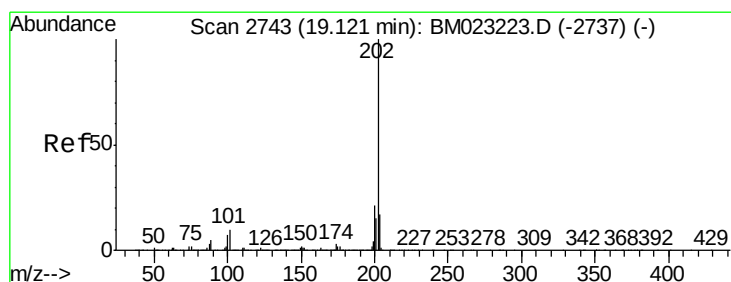
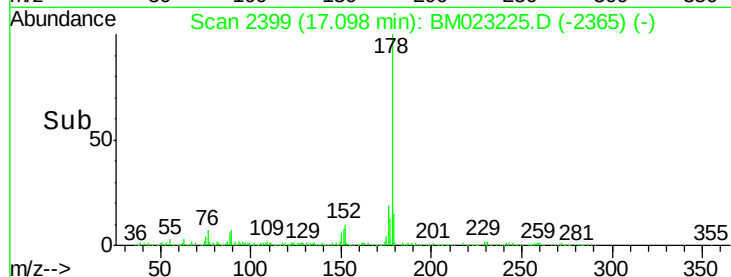
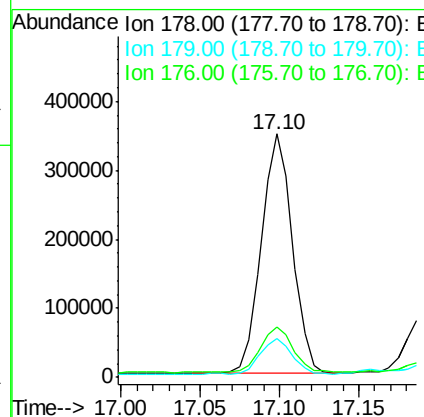
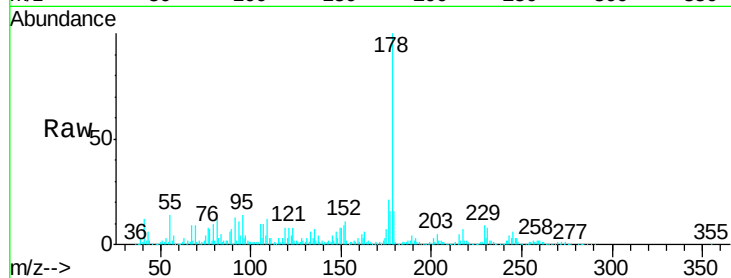
ClientSampleId :

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Tgt Ion:	178	Resp:	476130
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.3	18.5
176	20.7	15.5	23.3

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#77

Fluoranthene

Concen: 6.945 ng/ul

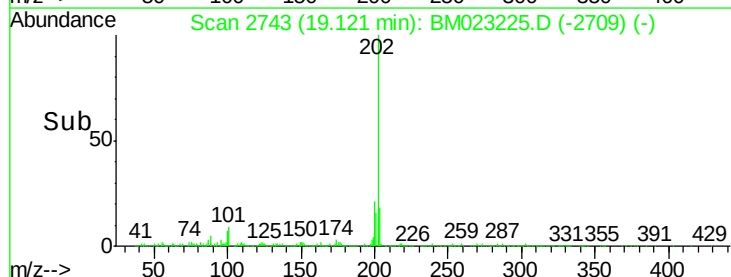
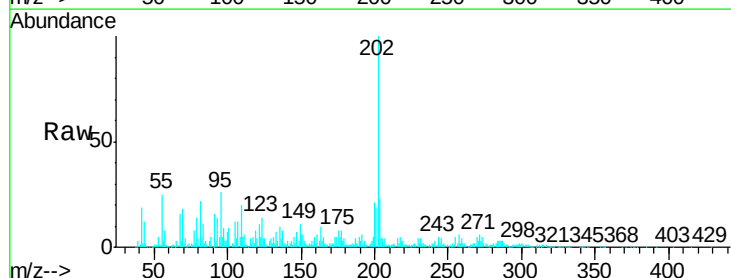
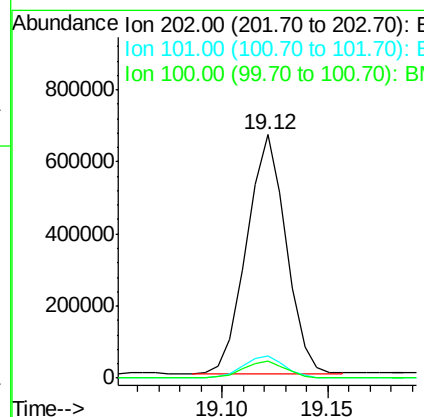
RT: 19.12 min Scan# 2743

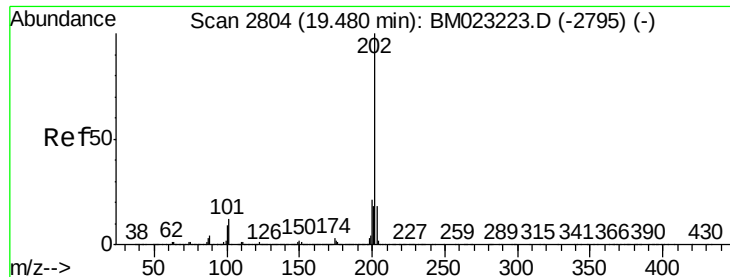
Delta R.T. 0.00 min

Lab File: BM023225.D

Acq: 17 Oct 2019 18:29

Tgt Ion:	202	Resp:	855531
Ion Ratio	Lower	Upper	
202	100		
101	9.4	7.8	11.8
100	7.0	6.1	9.1





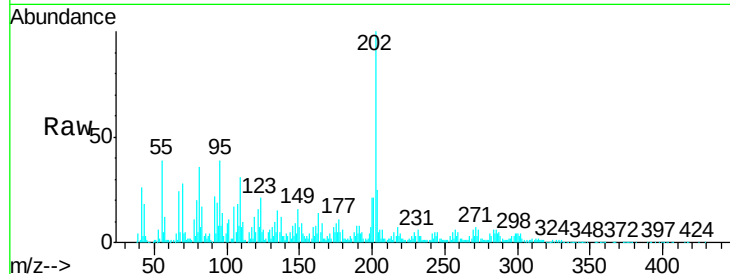
#80
 Pyrene
 Concen: 5.839 ng/ul
 RT: 19.49 min Scan# 2805
 Delta R.T. 0.01 min
 Lab File: BM023225.D
 Acq: 17 Oct 2019 18:29

Instrument :
 BNA_M
 ClientSampleId :
 BEPL8

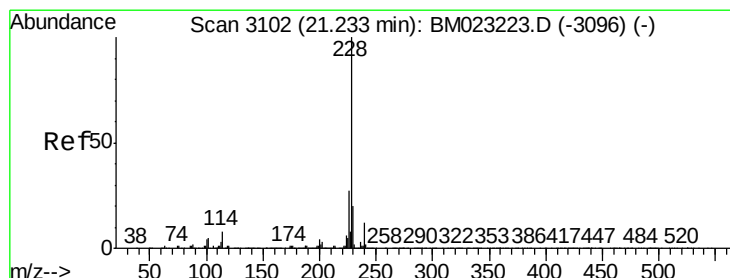
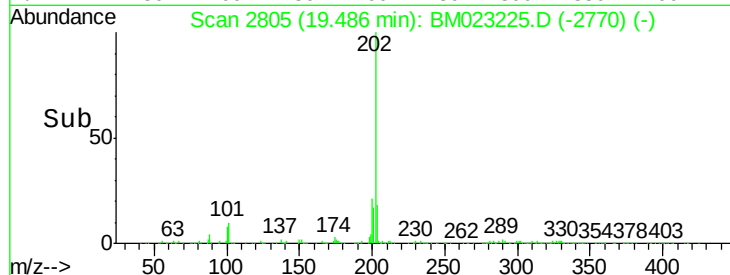
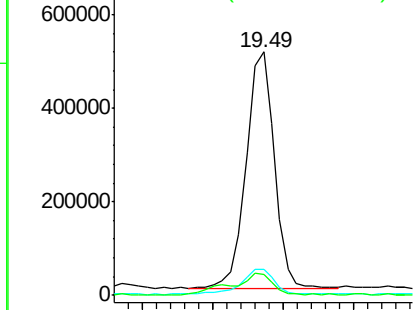
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.6	9.1	13.7
100	8.5	7.5	11.3

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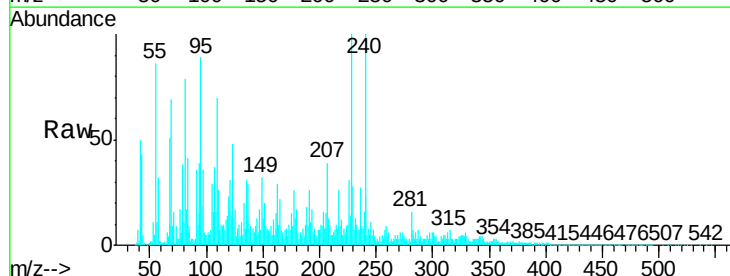


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

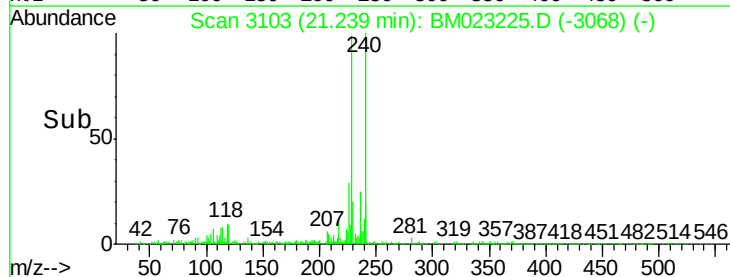
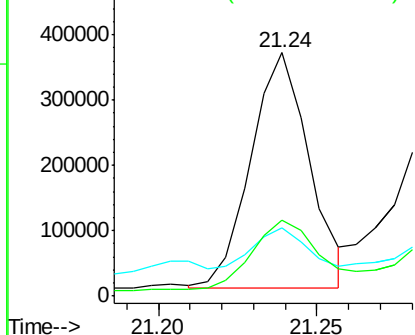


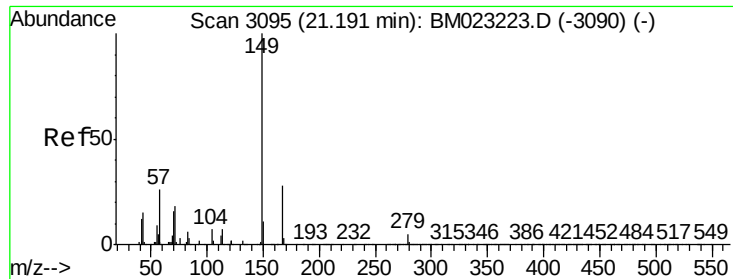
#83
 Benzo(a)anthracene
 Concen: 3.526 ng/ul
 RT: 21.24 min Scan# 3103
 Delta R.T. 0.01 min
 Lab File: BM023225.D
 Acq: 17 Oct 2019 18:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	28.0	15.7	23.5#
226	31.0	21.6	32.4



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.807 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BM023225.D

Acq: 17 Oct 2019 18:29

Instrument :

BNA_M

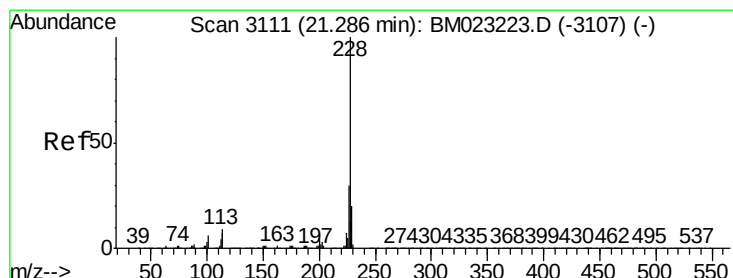
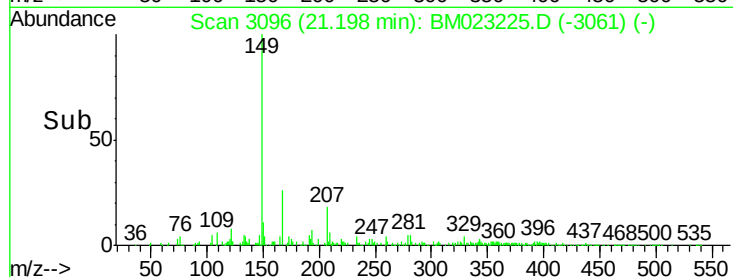
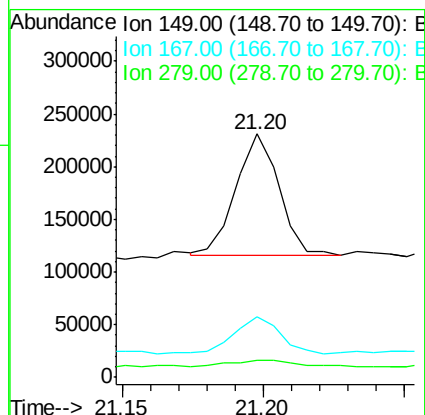
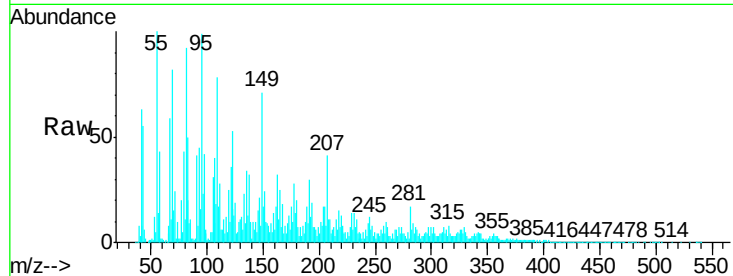
ClientSampled :

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Tgt Ion:	149	Resp:	121909
Ion Ratio	Lower	Upper	
149	100		
167	24.8	22.5	33.7
279	7.2	4.0	6.0#

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#85

Chrysene

Concen: 4.190 ng/ul

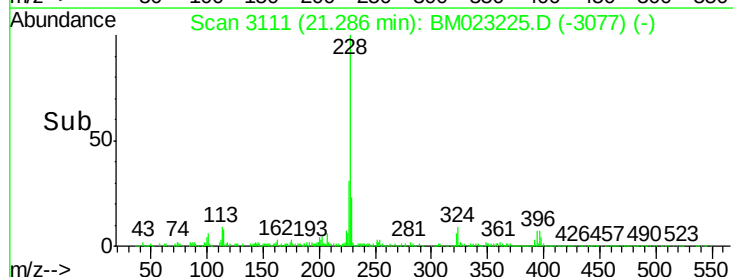
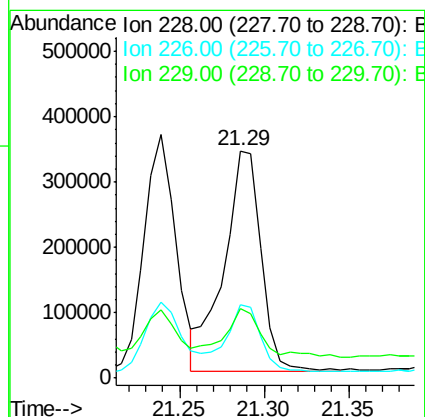
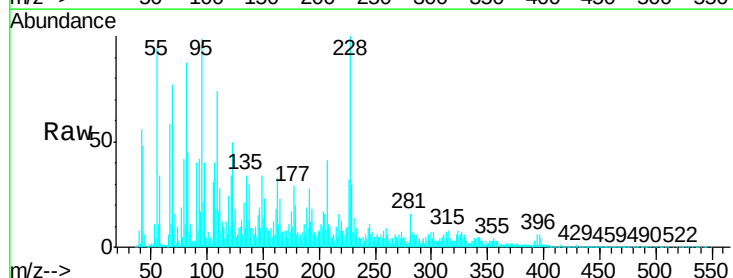
RT: 21.29 min Scan# 3111

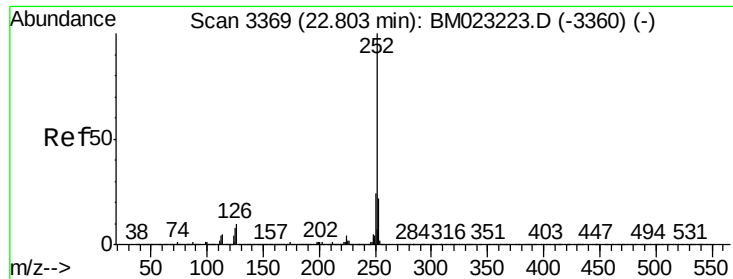
Delta R.T. 0.00 min

Lab File: BM023225.D

Acq: 17 Oct 2019 18:29

Tgt Ion:	228	Resp:	513314
Ion Ratio	Lower	Upper	
228	100		
226	32.1	23.8	35.6
229	30.3	15.5	23.3#





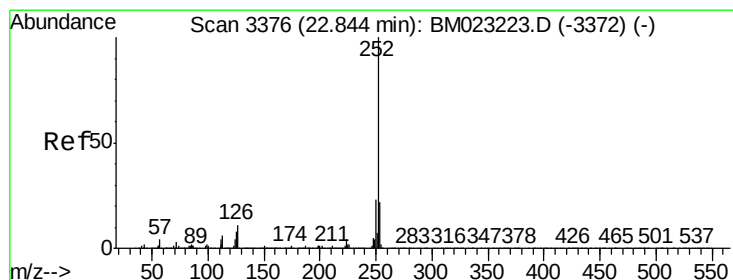
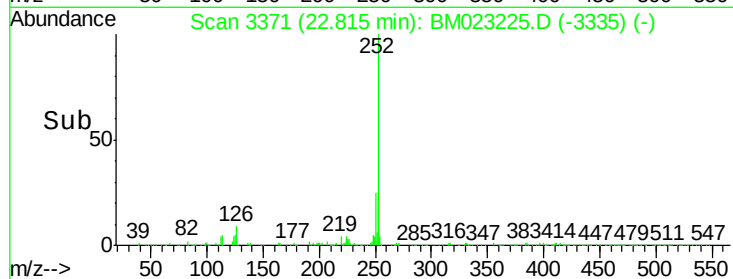
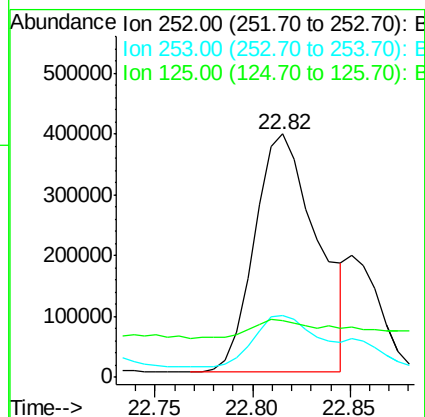
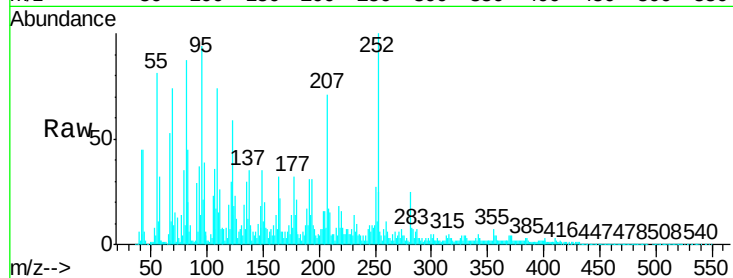
#88
Benzo(b)fluoranthene
Concen: 6.142 ng/ul
RT: 22.82 min Scan# 3371
Delta R.T. 0.01 min
Lab File: BM023225.D
Acq: 17 Oct 2019 18:29

Instrument :
BNA_M
ClientSampleId :
BEPL8

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.6	26.4
125	23.5	6.4	9.6

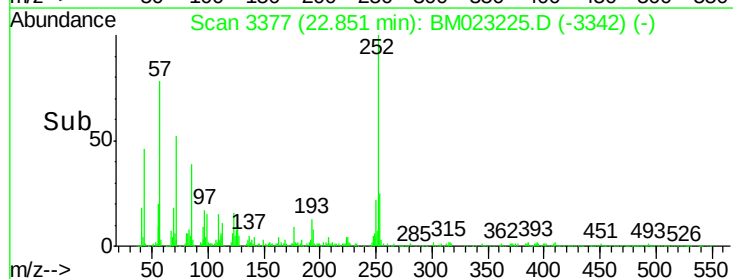
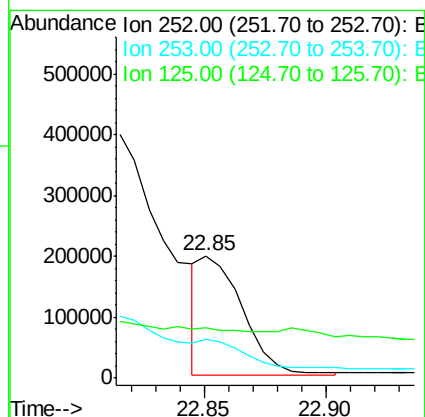
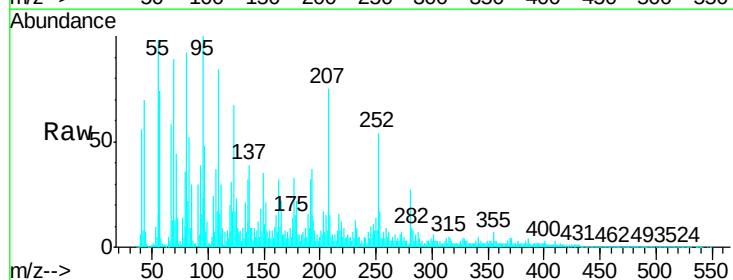
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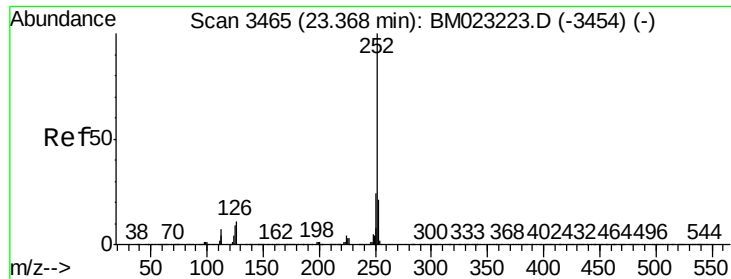
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#89
Benzo(k)fluoranthene
Concen: 1.731 ng/ul m
RT: 22.85 min Scan# 3377
Delta R.T. 0.01 min
Lab File: BM023225.D
Acq: 17 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.5	17.4	26.0
125	41.8	6.5	9.7





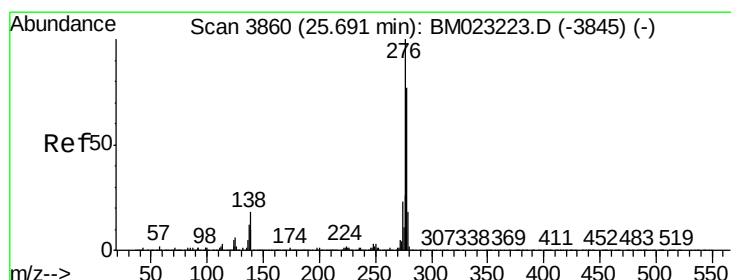
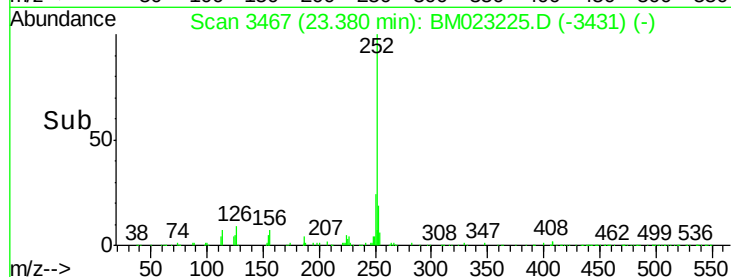
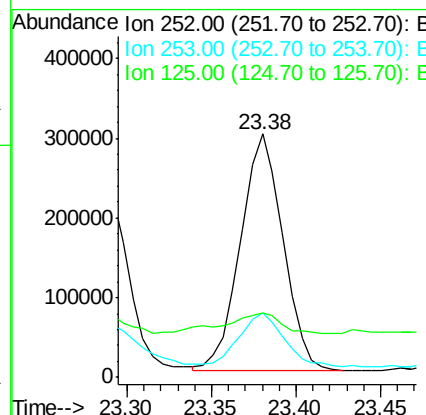
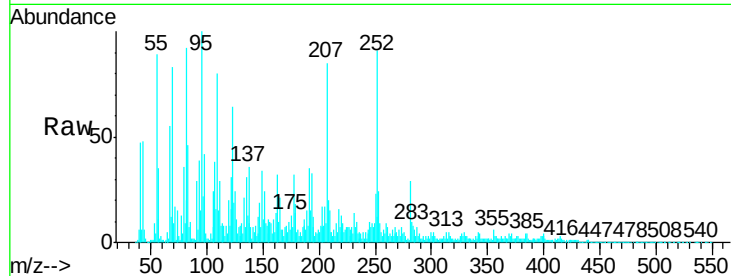
#91
Benzo(a)pyrene
Concen: 3.832 ng/ul
RT: 23.38 min Scan# 3467
Delta R.T. 0.01 min
Lab File: BM023225.D
Acq: 17 Oct 2019 18:29

Instrument :
BNA_M
ClientSampleId :
BEPL8

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.2	25.8#
125	26.3	7.4	11.0#

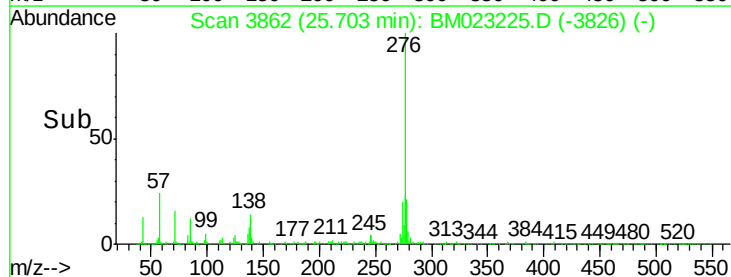
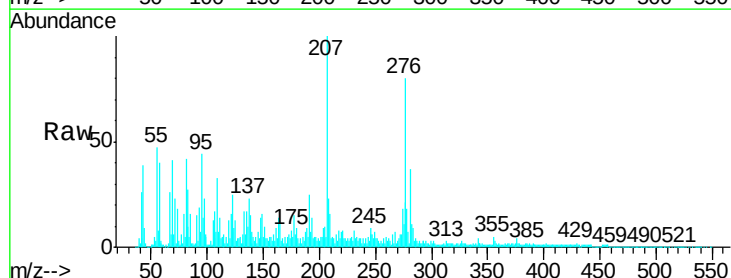
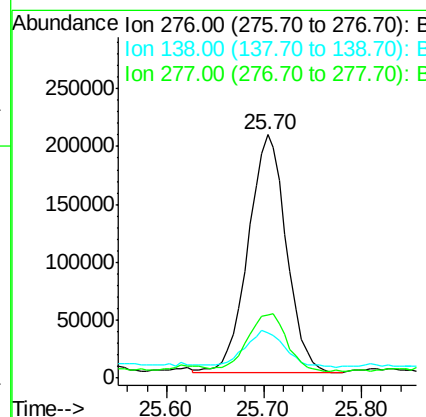
Manual Integrations
APPROVED

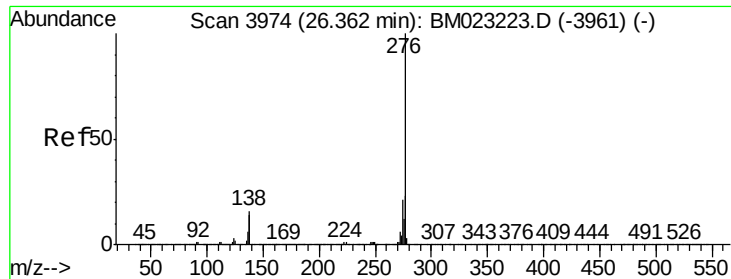
mohammad
10/20/2019 8:06:09 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 3.439 ng/ul
RT: 25.70 min Scan# 3862
Delta R.T. 0.01 min
Lab File: BM023225.D
Acq: 17 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.8	14.9	22.3
277	26.1	19.8	29.8





#94

Benzo(g,h,i)perylene

Concen: 5.042 ng/ul

RT: 26.38 min Scan# 3977

Delta R.T. 0.02 min

Lab File: BM023225.D

Acq: 17 Oct 2019 18:29

Instrument :

BNA_M

ClientSampleId :

BEPL8

Tgt	Ion	276	Resp:	675650
	Ratio		Lower	Upper
276	100			
138	17.5	14.4	21.6	
277	25.2	19.4	29.2	

Manual Integrations
APPROVED

mohammad
10/20/2019 8:06:09 PM

