

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
 Data File : BM023385.D
 Acq On : 24 Oct 2019 18:41
 Operator : JU
 Sample : K5346-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETOL4

Manual Integrations
 APPROVED

mohammad
 10/26/2019 10:04:00 AM

Quant Time: Oct 24 23:05:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 23 18:47:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	600269	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	2198703	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.28	164	1220854	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	2370493	20.00	ng/ul	-0.01
78) Chrysene-d12	21.22	240	2426165	20.00	ng/ul	-0.01
86) Perylene-d12	23.42	264	2982647	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	54548	4.32	ng/uL	0.00
5) Phenol-d5	6.81	99	1087892	21.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	684596	23.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	892117	22.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	804414	19.64	ng/ul	-0.01
19) Nitrobenzene-d5	8.78	128	423667	25.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	451159	24.57	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.04	165	823386	22.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	171829	4.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	2368005	25.54	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	2732131	25.72	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.48	143	276421	17.21	ng/ul	-0.01
58) Fluorene-d10	15.27	176	1999005	25.46	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.40	200	209484	14.19	ng/ul	-0.01
71) Anthracene-d10	17.12	188	2938783	26.23	ng/ul	-0.01
79) Pyrene-d10	19.42	212	3225546	24.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	3898162	25.66	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.83	94	159676	3.076	ng/ul 100
45) Dimethylphthalate	13.75	163	1083514	11.640	ng/ul 100
70) Phenanthrene	17.07	178	160675	1.213	ng/ul 100
77) Fluoranthene	19.09	202	512540	3.709	ng/ul 99
80) Pyrene	19.45	202	695116	4.057	ng/ul 99
81) Butylbenzylphthalate	20.37	149	608193	8.671	ng/ul 98
83) Benzo(a)anthracene	21.20	228	346629	2.136	ng/ul# 87
84) Bis(2-ethylhexyl)phthalate	21.16	149	129272	1.315	ng/ul# 97
85) Chrysene	21.25	228	507881	3.392	ng/ul# 93
88) Benzo(b)fluoranthene	22.76	252	844760	4.410	ng/ul# 79
89) Benzo(k)fluoranthene	22.80	252	242037m	1.346	ng/ul
91) Benzo(a)pyrene	23.32	252	448552	2.586	ng/ul# 81
92) Indeno(1,2,3-cd)pyrene	25.63	276	380482	2.026	ng/ul# 84
94) Benzo(g,h,i)perylene	26.30	276	512287	3.353	ng/ul# 89

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

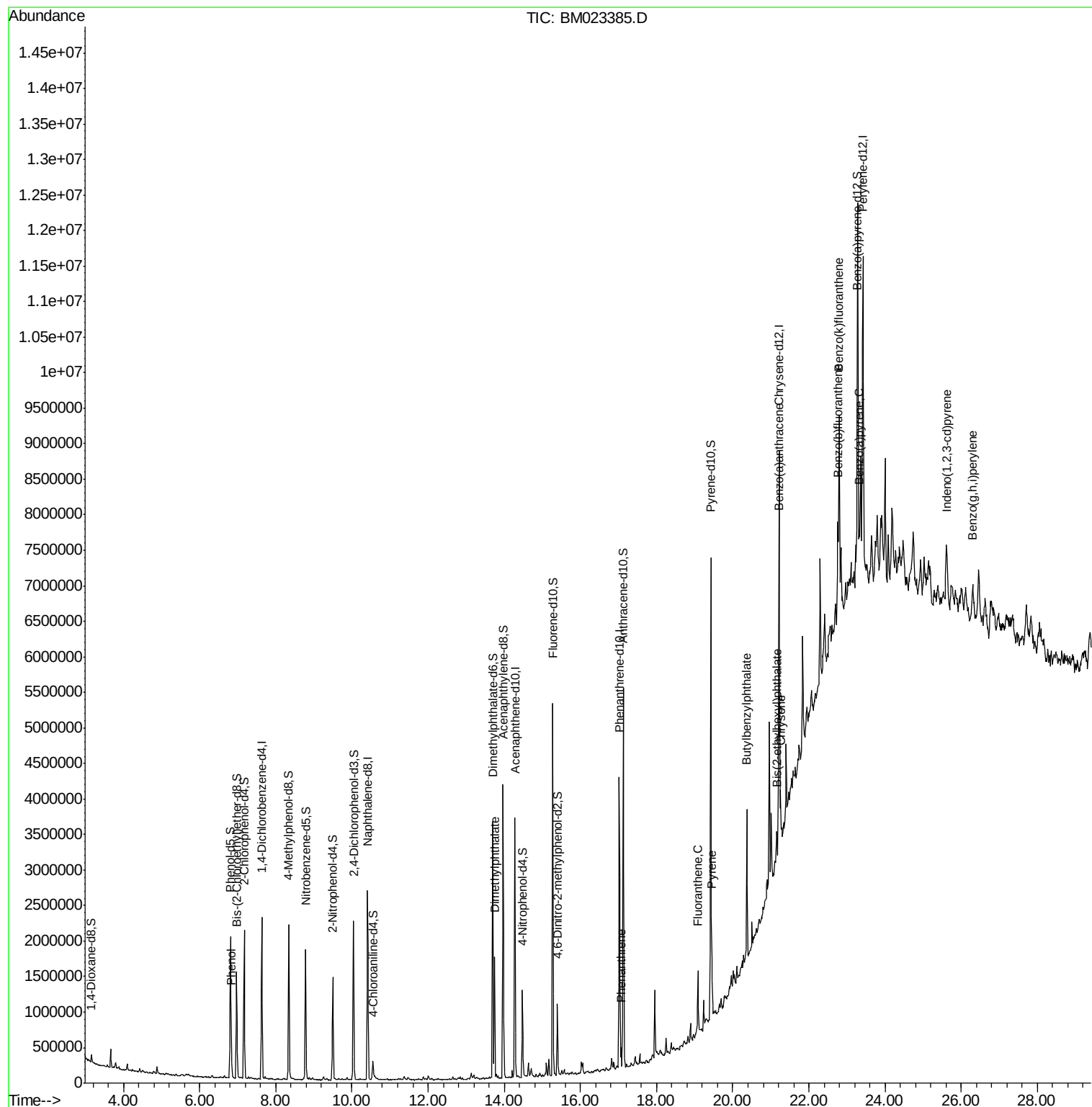
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023385.D
Acq On : 24 Oct 2019 18:41
Operator : JU
Sample : K5346-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

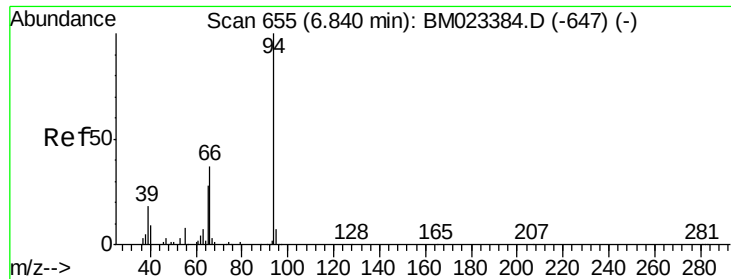
Instrument :
BNA_M
ClientSampleId :
ETOL4

Quant Time: Oct 24 23:05:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 18:47:16 2019
Response via : Initial Calibration

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#6

Phenol

Concen: 3.076 ng/ul

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM023385.D

Acq: 24 Oct 2019 18:41

Instrument :

BNA_M

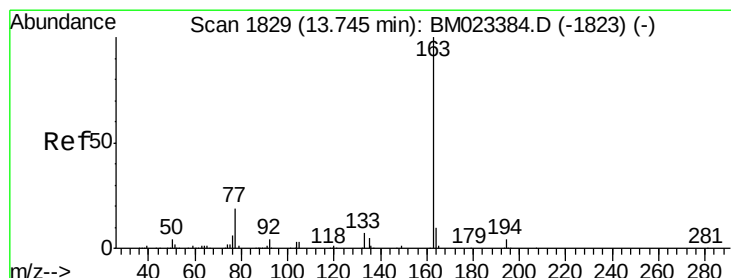
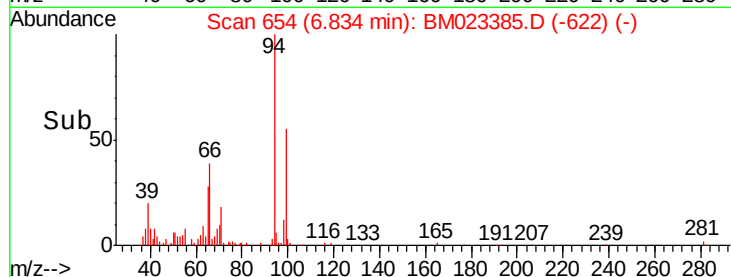
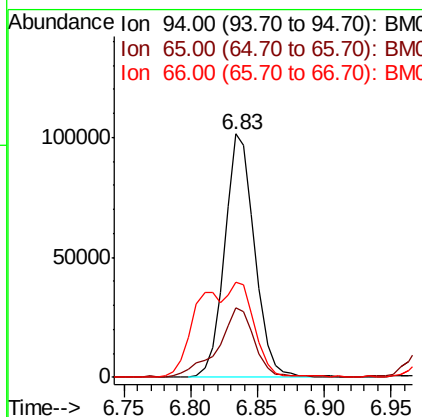
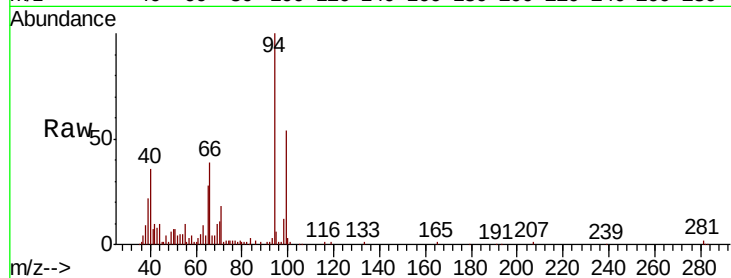
ClientSampled :

ETOL4

Tot Ion:	94	Resp:	159676
Ion Ratio	Lower	Upper	
94	100		
65	28.3	22.9	34.3
66	39.3	31.4	47.2

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#45

Dimethylphthalate

Concen: 11.640 ng/ul

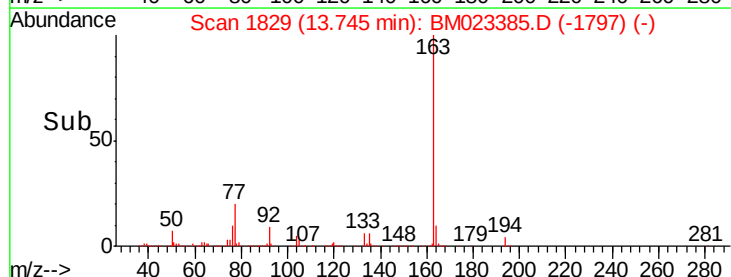
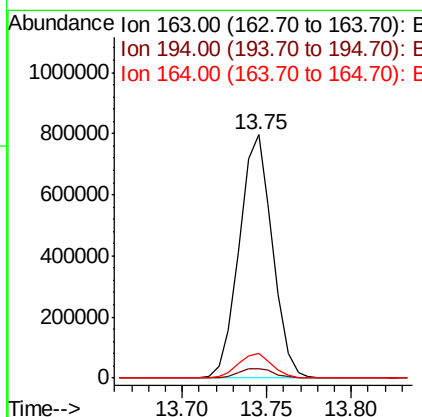
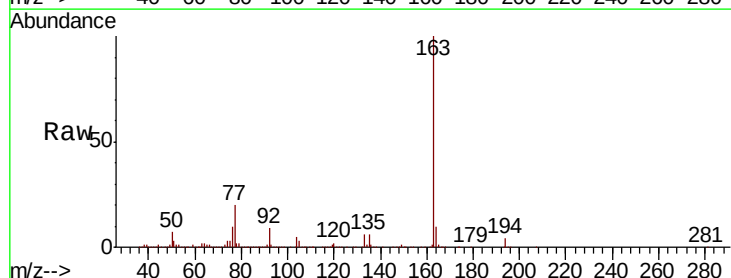
RT: 13.75 min Scan# 1829

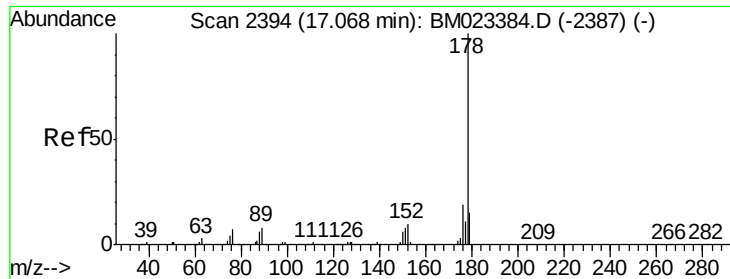
Delta R.T. -0.01 min

Lab File: BM023385.D

Acq: 24 Oct 2019 18:41

Tgt Ion:	163	Resp:	1083514
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.3	4.9
164	10.1	7.9	11.9





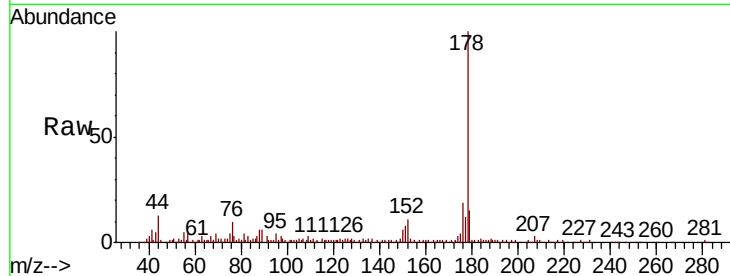
#70
Phenanthrene
Concen: 1.213 ng/ul
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM023385.D
Acq: 24 Oct 2019 18:41

Instrument :
BNA_M
ClientSampleId :
ETOL4

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	18.6	14.9	22.3

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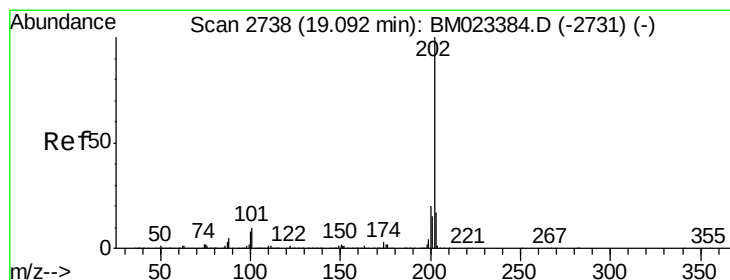
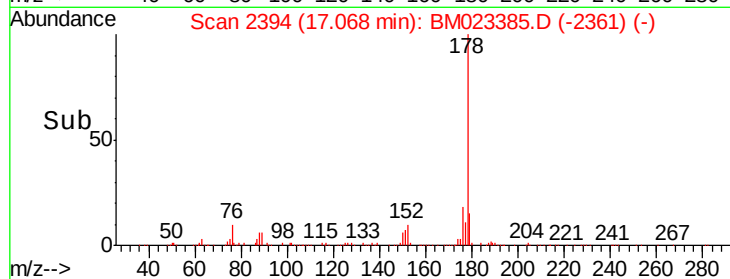
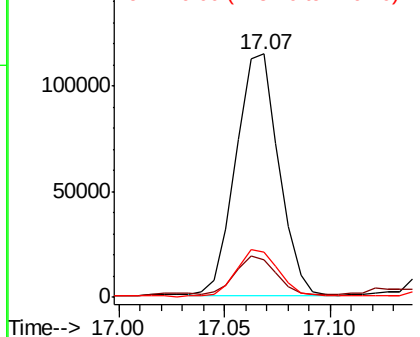


Abundance

Ion 178.00 (177.70 to 178.70): E

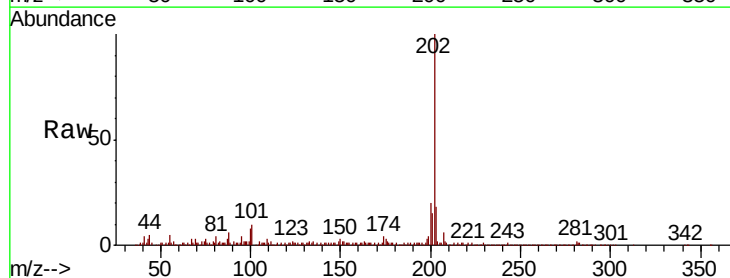
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77
Fluoranthene
Concen: 3.709 ng/ul
RT: 19.09 min Scan# 2737
Delta R.T. -0.01 min
Lab File: BM023385.D
Acq: 24 Oct 2019 18:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.1	12.1
100	8.1	6.2	9.2

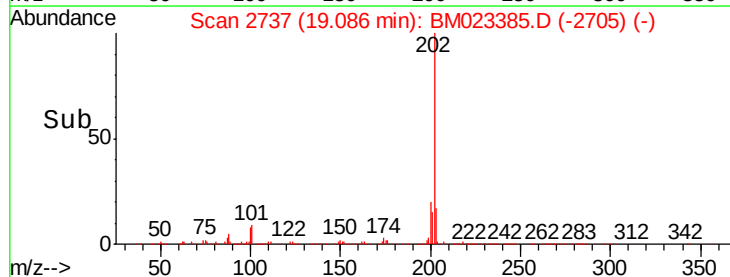
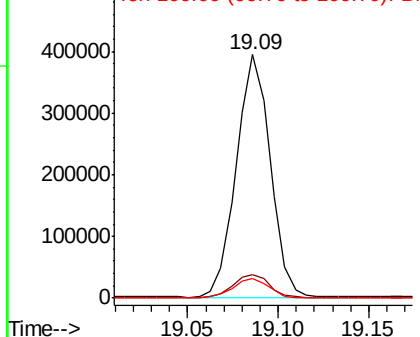


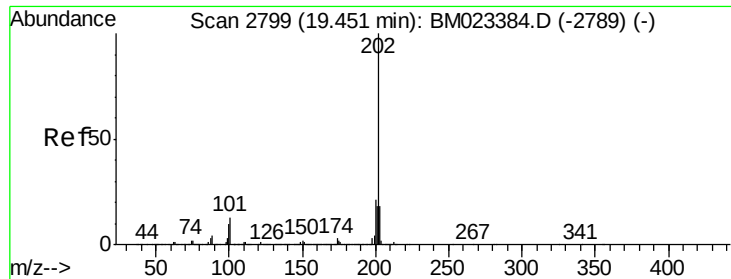
Abundance

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





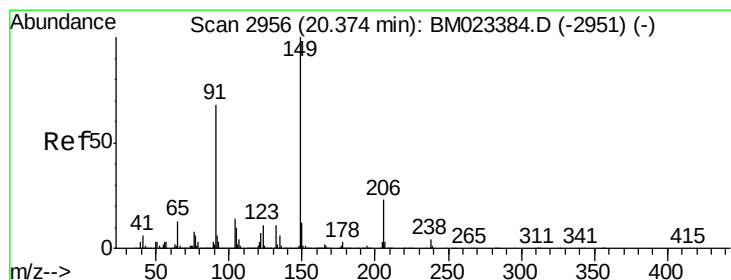
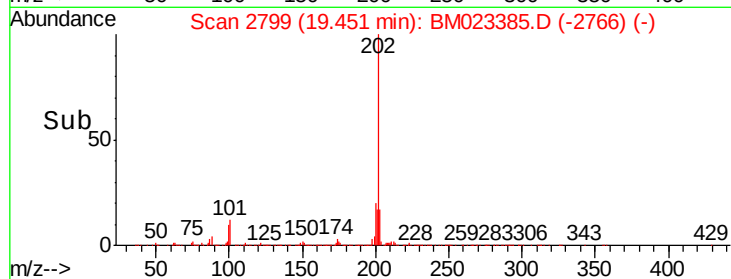
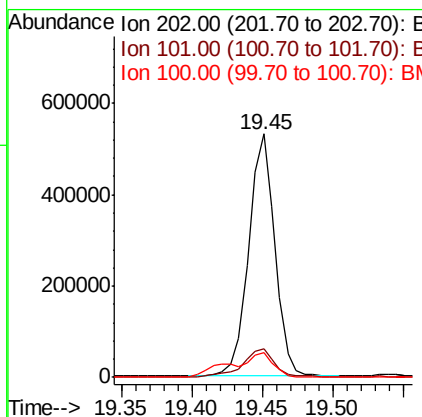
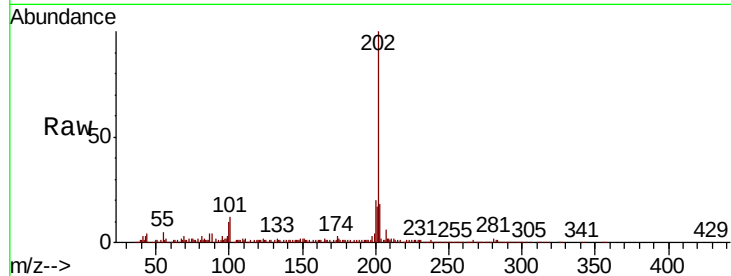
#80
Pvrene
Concen: 4.057 ng/ul
RT: 19.45 min Scan# 2799
Delta R.T. -0.01 min
Lab File: BM023385.D
Acq: 24 Oct 2019 18:41

Instrument :
BNA_M
ClientSampled :
ETOL4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.0	10.0	15.0
100	10.0	8.3	12.5

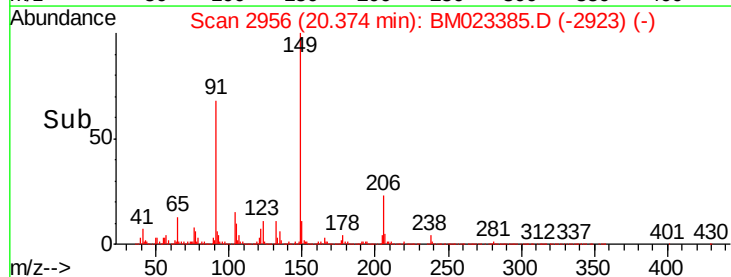
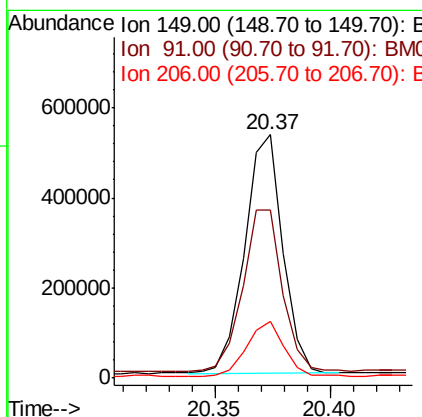
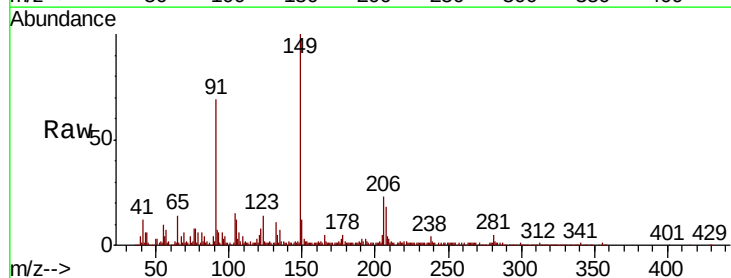
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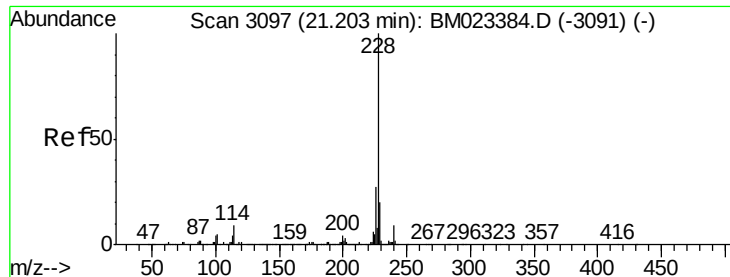
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#81
Butylbenzylphthalate
Concen: 8.671 ng/ul
RT: 20.37 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BM023385.D
Acq: 24 Oct 2019 18:41

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	69.0	54.2	81.2
206	23.3	17.7	26.5





#83

Benzo(a)anthracene

Concen: 2.136 ng/ul

RT: 21.20 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM023385.D

Acq: 24 Oct 2019 18:41

Instrument :

BNA_M

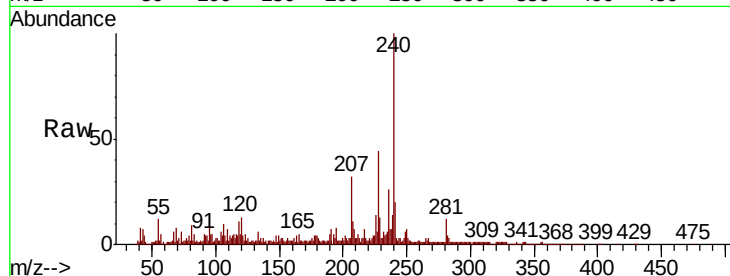
ClientSampled :

ETOL4

Tot Ion:	228	Resp:	346629
Ion Ratio	Lower	Upper	
228	100		
229	28.4	15.8	23.8#
226	31.2	21.6	32.4

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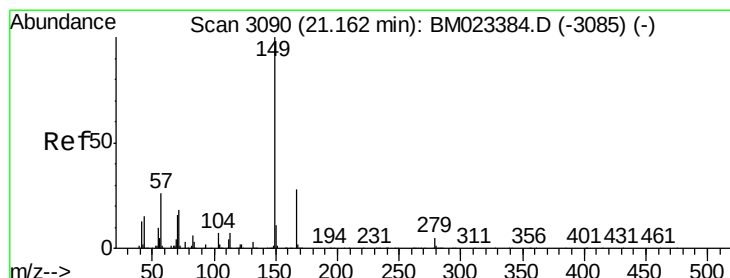
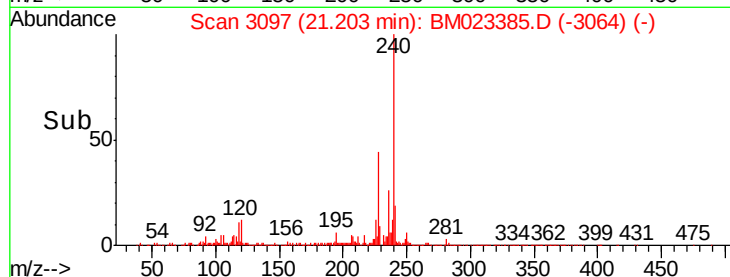
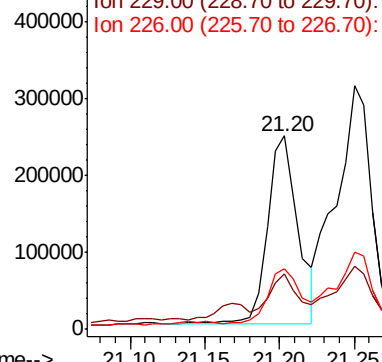


Abundance

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: 1.315 ng/ul

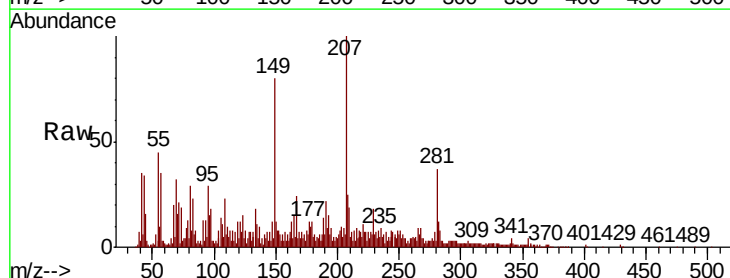
RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM023385.D

Acq: 24 Oct 2019 18:41

Tgt Ion:	149	Resp:	129272
Ion Ratio	Lower	Upper	
149	100		
167	29.7	22.9	34.3
279	8.9	4.1	6.1#

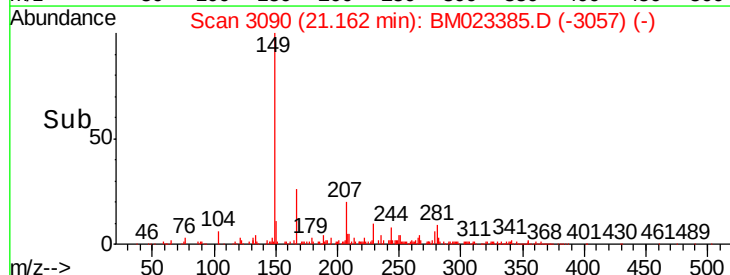
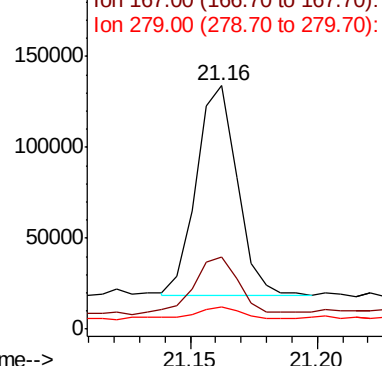


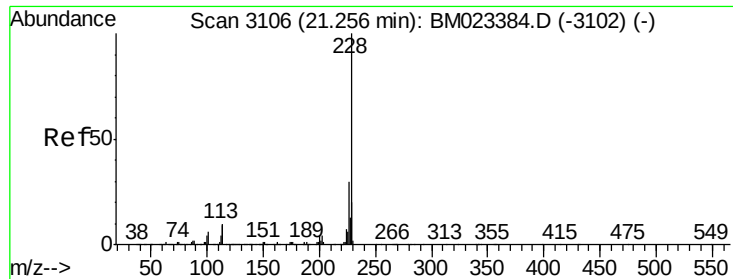
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 3.392 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM023385.D

Acq: 24 Oct 2019 18:41

Instrument :

BNA_M

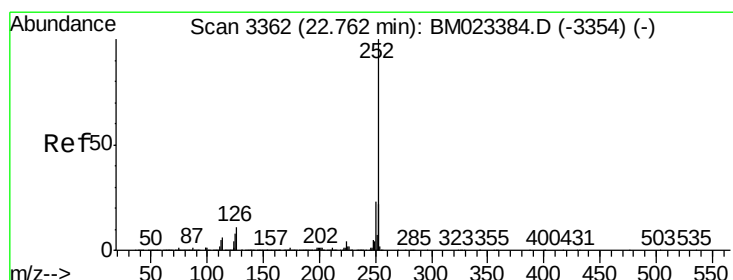
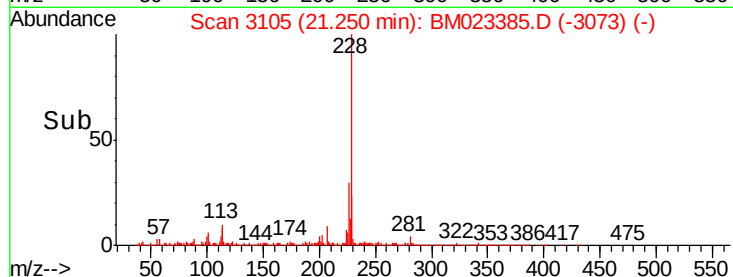
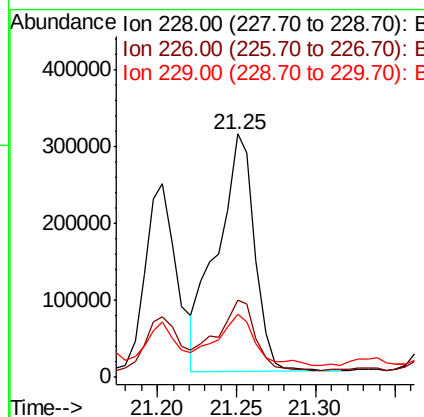
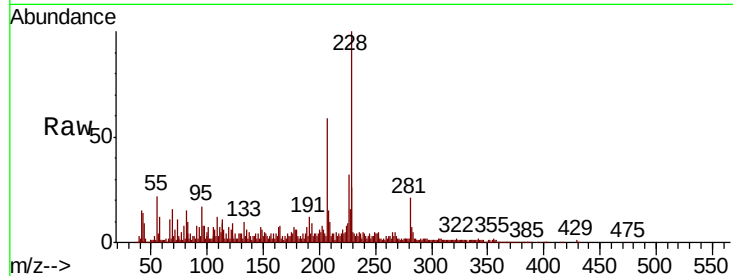
ClientSampleId :

ETOL4

Tot Ion:	228	Resp:	507881
Ion Ratio	Lower	Upper	
228	100		
226	31.5	24.0	36.0
229	25.7	16.0	24.0

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#88

Benzo(b)fluoranthene

Concen: 4.410 ng/ul

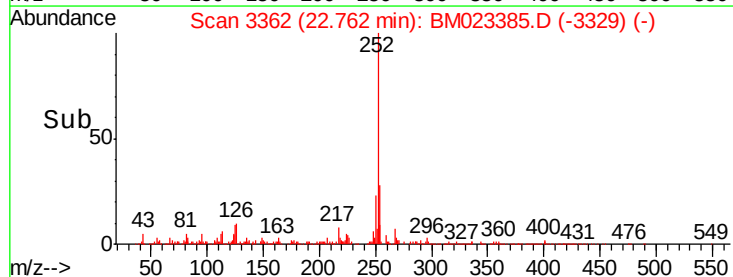
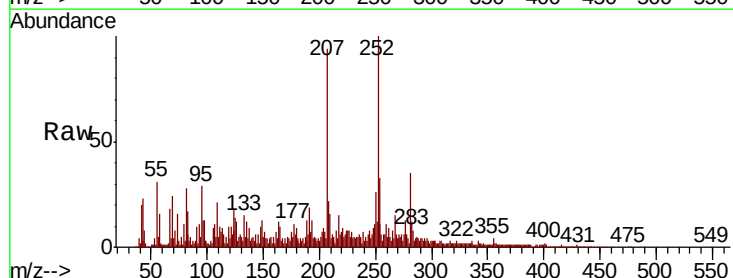
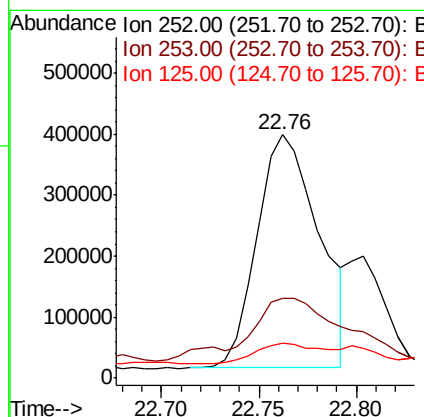
RT: 22.76 min Scan# 3362

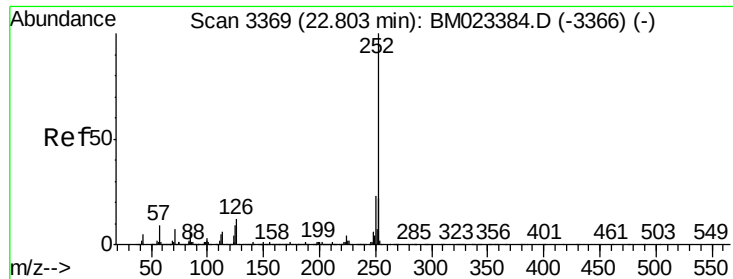
Delta R.T. -0.01 min

Lab File: BM023385.D

Acq: 24 Oct 2019 18:41

Tgt Ion:	252	Resp:	844760
Ion Ratio	Lower	Upper	
252	100		
253	33.0	17.5	26.3
125	14.4	7.1	10.7





#89

Benzo(k)fluoranthene

Concen: 1.346 ng/ul m

RT: 22.80 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BM023385.D

Acq: 24 Oct 2019 18:41

Instrument :

BNA_M

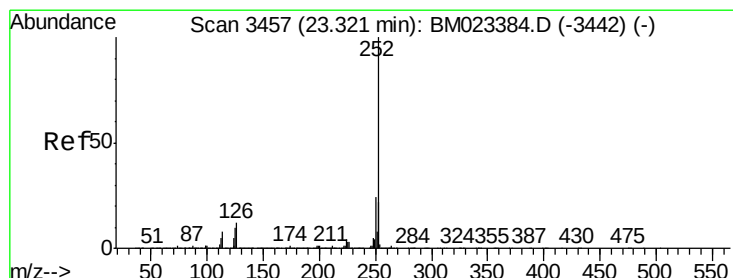
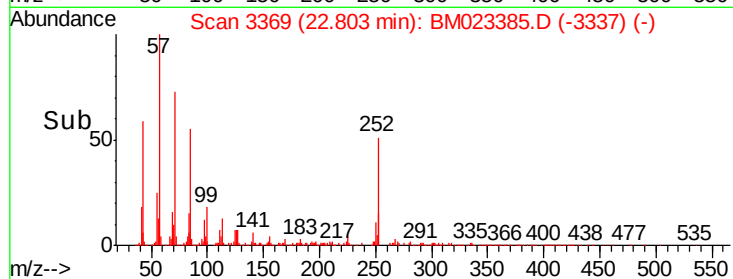
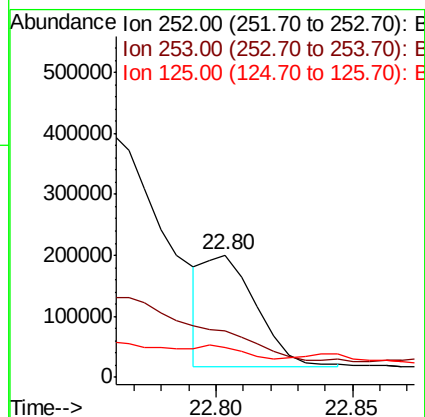
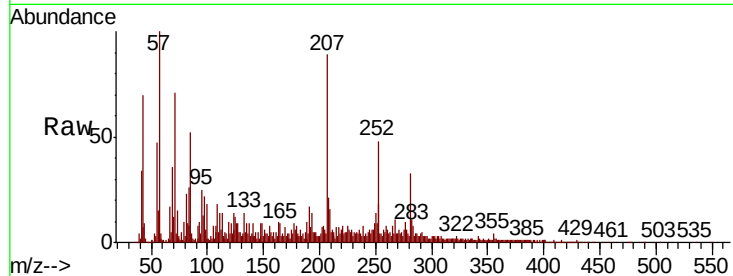
ClientSampleId :

ETOL4

Tot Ion:	252	Resp:	242037
Ion Ratio	Lower	Upper	
252	100		
253	38.0	17.8	26.6#
125	24.3	6.8	10.2#

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#91

Benzo(a)pyrene

Concen: 2.586 ng/ul

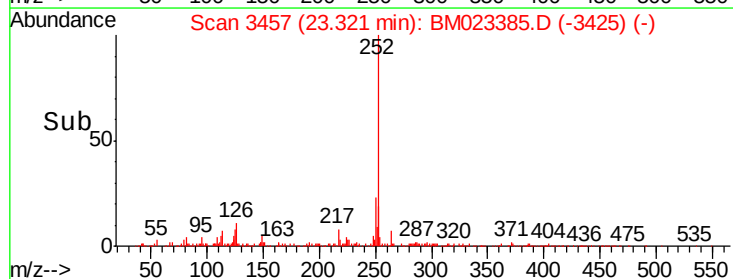
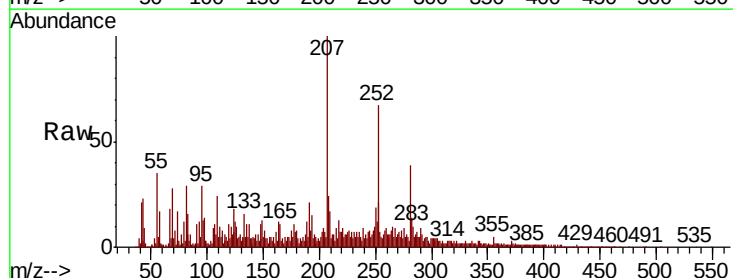
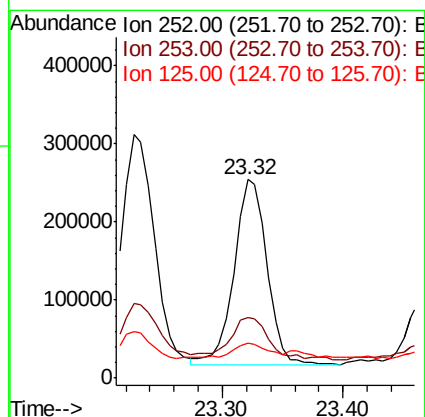
RT: 23.32 min Scan# 3457

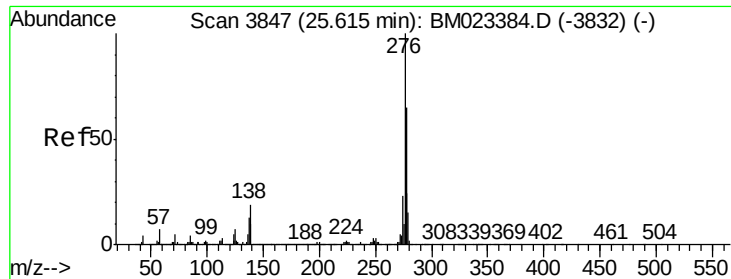
Delta R.T. -0.01 min

Lab File: BM023385.D

Acq: 24 Oct 2019 18:41

Tgt Ion:	252	Resp:	448552
Ion Ratio	Lower	Upper	
252	100		
253	30.5	17.7	26.5#
125	17.9	7.5	11.3#





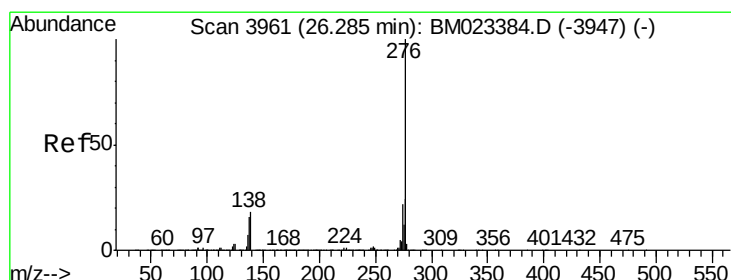
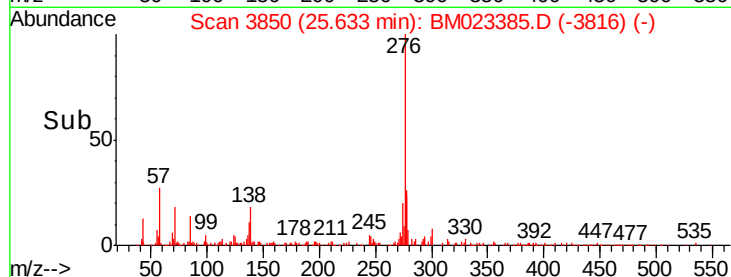
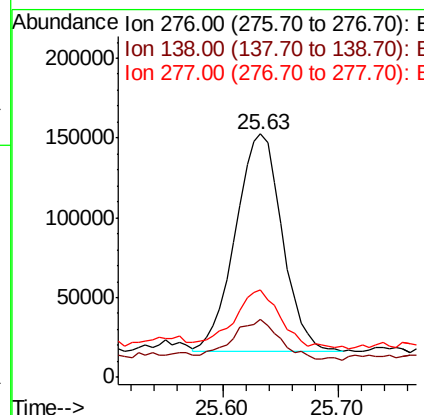
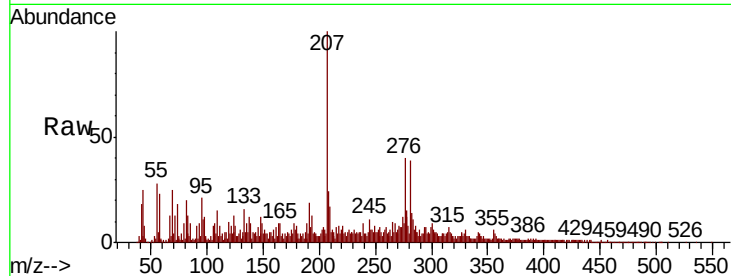
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 2.026 ng/ul
 RT: 25.63 min Scan# 3850
 Delta R.T. -0.00 min
 Lab File: BM023385.D
 Acq: 24 Oct 2019 18:41

Instrument :
 BNA_M
 ClientSampleId :
 ETOL4

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.6	15.7	23.5#
277	36.1	20.2	30.2#

Manual Integrations
 APPROVED

mohammad
 10/26/2019 10:04:00 AM



#94
 Benzo(g,h,i)perylene
 Concen: 3.353 ng/ul
 RT: 26.30 min Scan# 3964
 Delta R.T. -0.00 min
 Lab File: BM023385.D
 Acq: 24 Oct 2019 18:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	14.4	21.6
277	30.9	19.0	28.6#

