

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
 Data File : BM023206.D
 Acq On : 17 Oct 2019 00:33
 Operator : JU
 Sample : K5262-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFB74

Manual Integrations
 APPROVED

mohammad
 10/18/2019 8:27:37 AM

Quant Time: Oct 17 06:47:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 04:31:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	419269	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1637439	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	956889	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1812007	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1748619	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2152666	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	29169	3.06	ng/uL	0.00
5) Phenol-d5	6.83	99	537637	14.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	326302	15.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	455723	16.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	416981	14.22	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	214280	19.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	232263	22.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	460938	17.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	387284	11.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1414567	19.29	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1642662	19.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	132304	11.14	ng/ul	0.00
58) Fluorene-d10	15.30	176	1204782	19.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	91330	12.71	ng/ul	0.00
71) Anthracene-d10	17.15	188	1813713	20.76	ng/ul	0.00
79) Pyrene-d10	19.45	212	1909024	22.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2271886	20.82	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.86	94	96390	2.560	ng/ul 98
45) Dimethylphthalate	13.77	163	369906	5.040	ng/ul 99
48) Acenaphthylene	14.03	152	157924	1.796	ng/ul 99
70) Phenanthrene	17.10	178	1369451	13.467	ng/ul 99
72) Anthracene	17.19	178	390565	3.717	ng/ul 99
75) Carbazole	17.45	167	125436	1.336	ng/ul 99
76) Di-n-butylphthalate	18.04	149	261860	2.344	ng/ul 97
77) Fluoranthene	19.12	202	2930686	24.233	ng/ul 99
80) Pyrene	19.48	202	2869966	26.199	ng/ul 100
83) Benzo(a)anthracene	21.23	228	1745156	14.729	ng/ul 95
84) Bis(2-ethylhexyl)phthalate	21.19	149	157622	2.602	ng/ul 96
85) Chrysene	21.28	228	1674607	15.222	ng/ul 97
88) Benzo(b)fluoranthene	22.80	252	2328052	17.837	ng/ul 98
89) Benzo(k)fluoranthene	22.84	252	756121m	6.033	ng/ul
91) Benzo(a)pyrene	23.36	252	1784307	14.249	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.67	276	1288159	8.647	ng/ul 99
93) Dibenzo(a,h)anthracene	25.69	278	350562	2.815	ng/ul# 90
94) Benzo(g,h,i)perylene	26.35	276	1293481	10.546	ng/ul 99

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

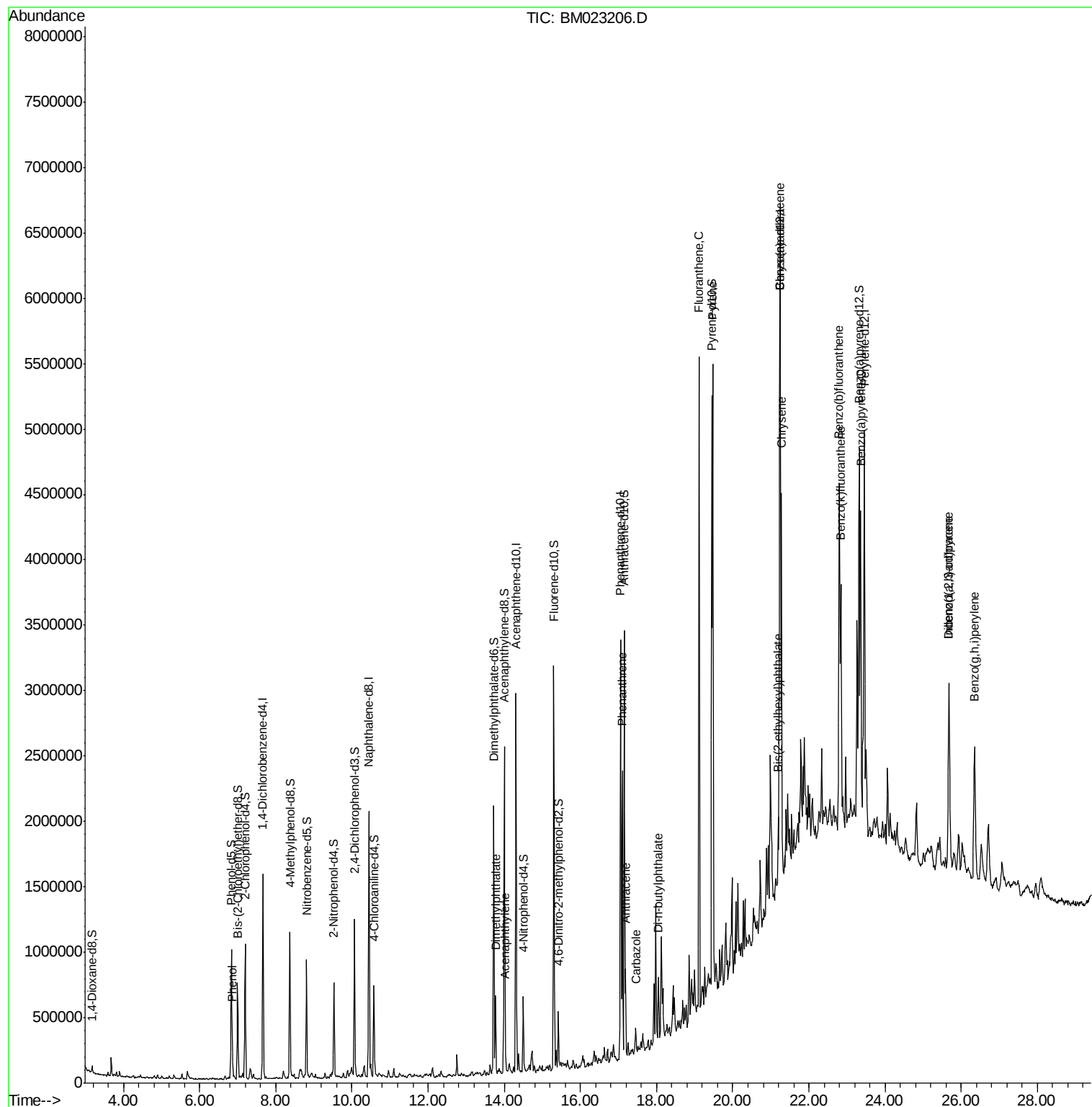
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023206.D
Acq On : 17 Oct 2019 00:33
Operator : JU
Sample : K5262-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

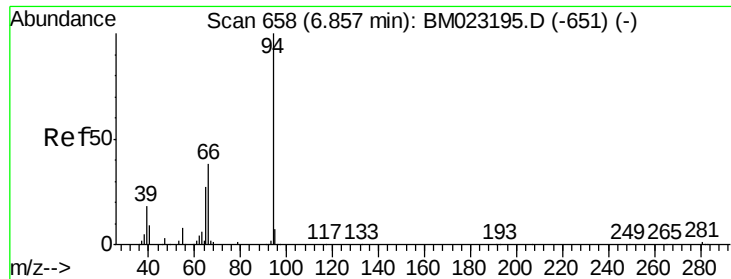
Instrument :
BNA_M
ClientSampleId :
BFB74

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 04:31:06 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.560 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.01 min

Lab File: BM023206.D

Acq: 17 Oct 2019 00:33

Instrument :

BNA_M

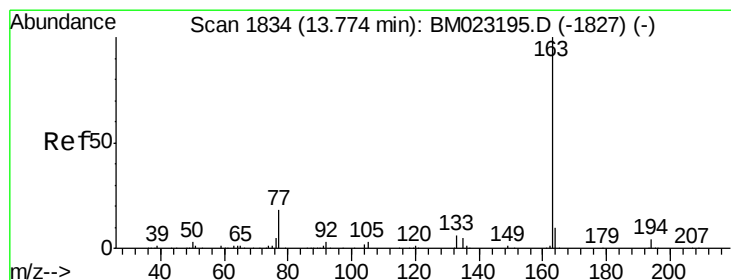
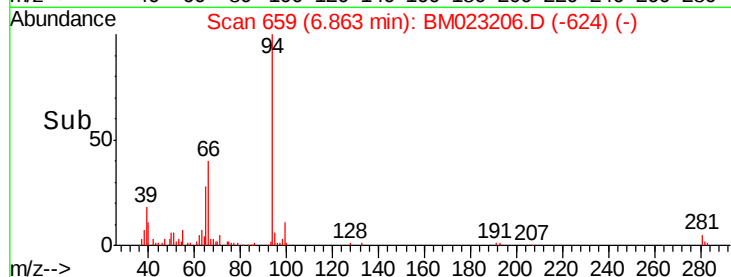
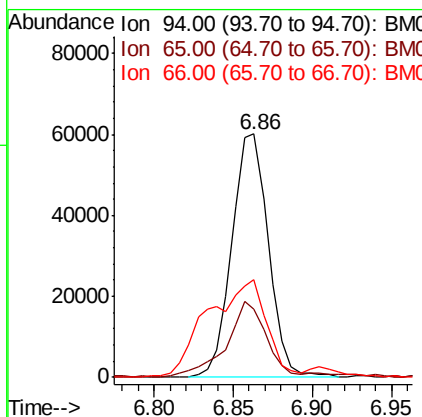
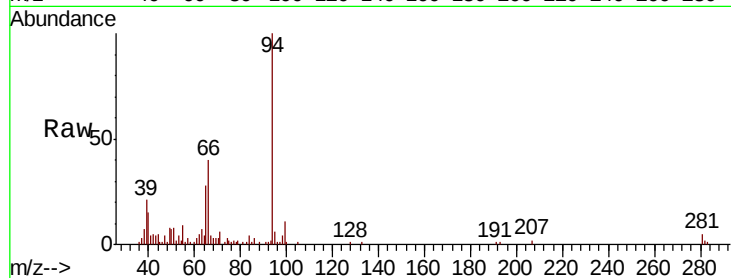
ClientSampleId :

BFB74

Tot Ion:	94	Resp:	96390
Ion Ratio	Lower	Upper	
94	100		
65	28.0	23.7	35.5
66	40.3	32.9	49.3

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#45

Dimethylphthalate

Concen: 5.040 ng/ul

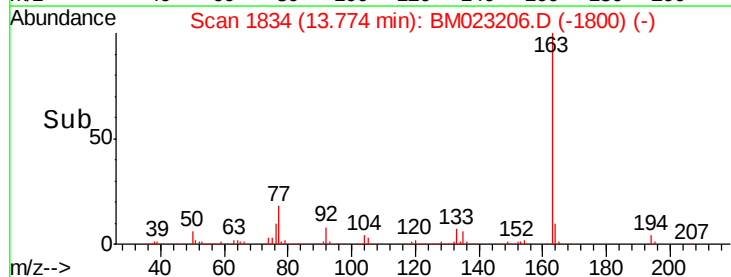
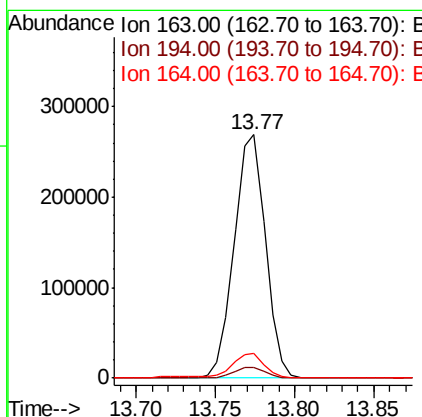
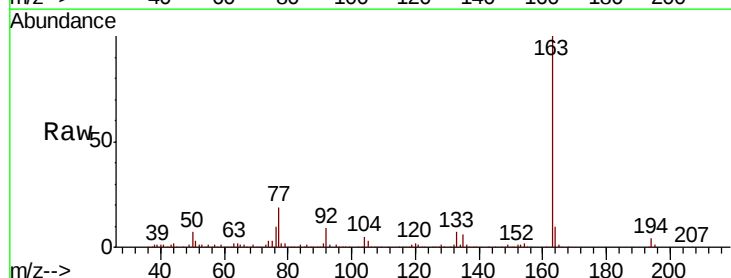
RT: 13.77 min Scan# 1834

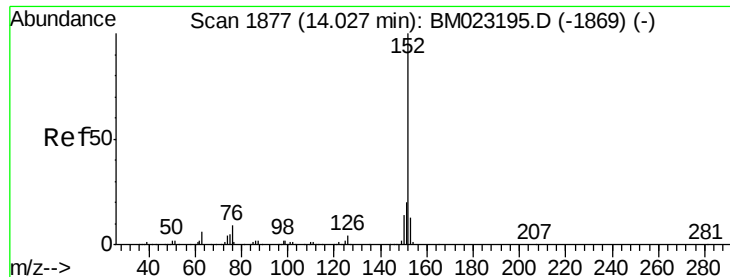
Delta R.T. -0.00 min

Lab File: BM023206.D

Acq: 17 Oct 2019 00:33

Tgt Ion:	163	Resp:	369906
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.4	8.0	12.0





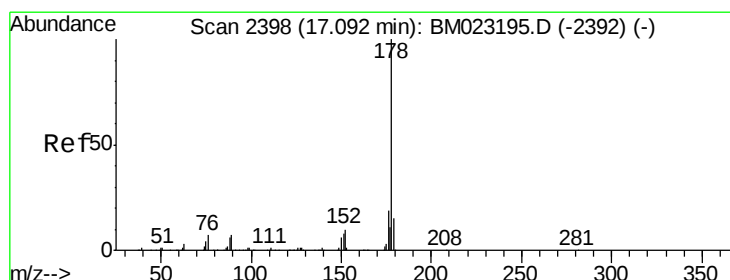
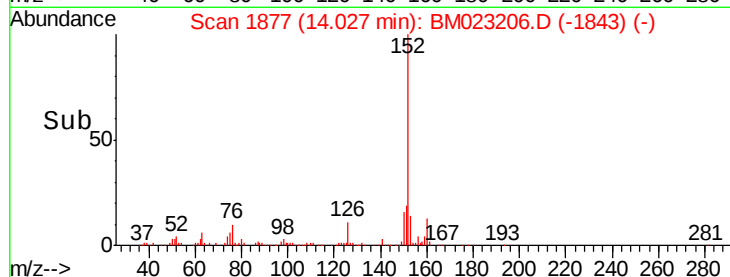
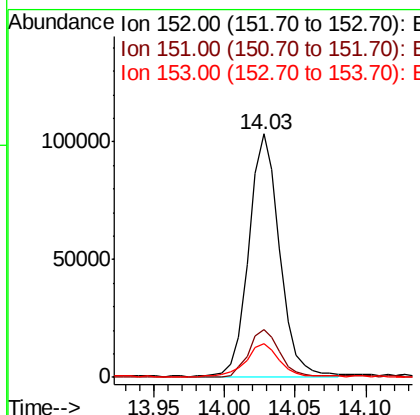
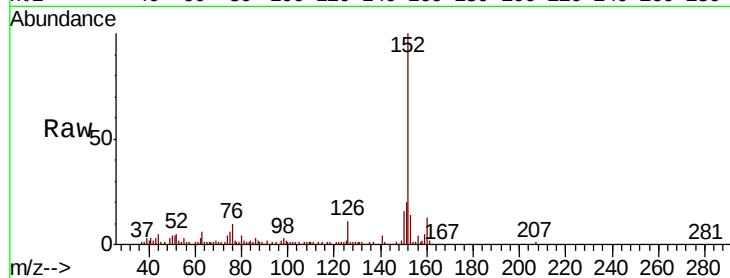
#48
Acenaphthylene
Concen: 1.796 ng/ul
RT: 14.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Instrument :
BNA_M
ClientSampleId :
BFB74

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	14.0	10.3	15.5

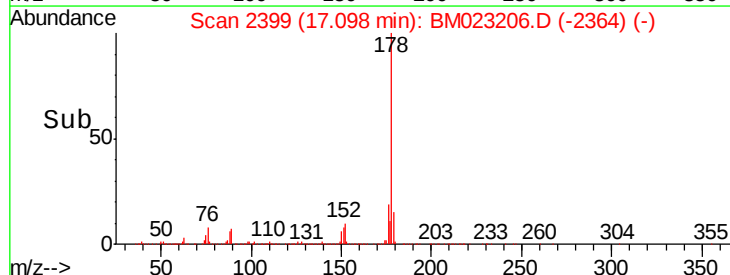
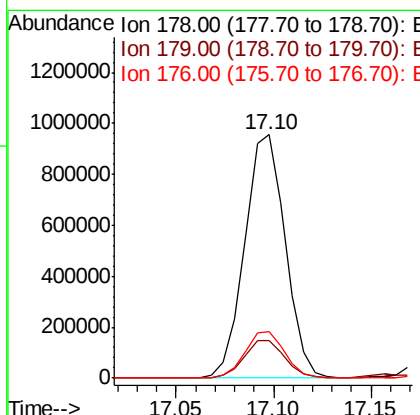
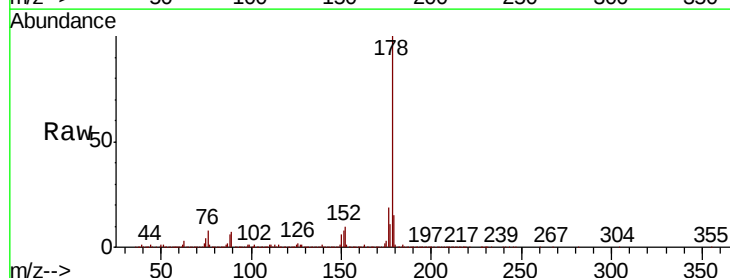
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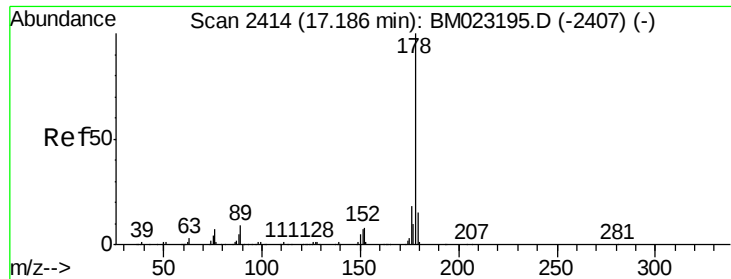
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#70
Phenanthrene
Concen: 13.467 ng/ul
RT: 17.10 min Scan# 2399
Delta R.T. 0.01 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.9	15.5	23.3





#72

Anthracene

Concen: 3.717 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BM023206.D

Acq: 17 Oct 2019 00:33

Instrument :

BNA_M

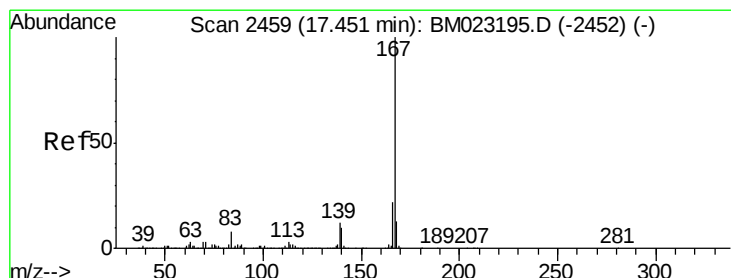
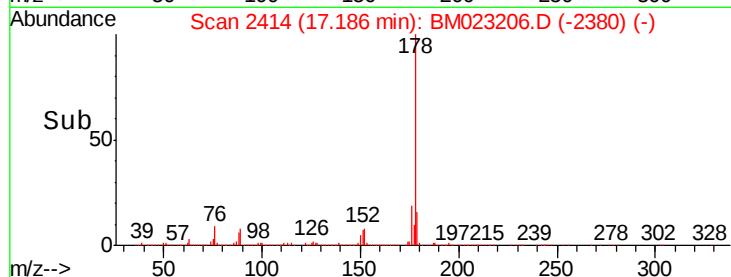
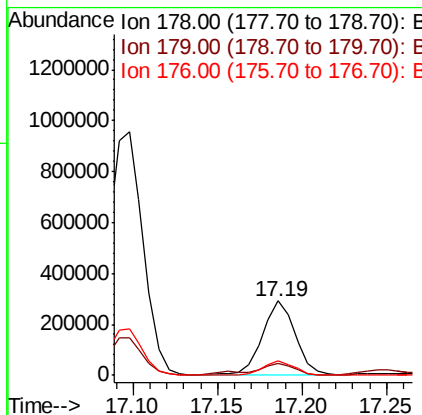
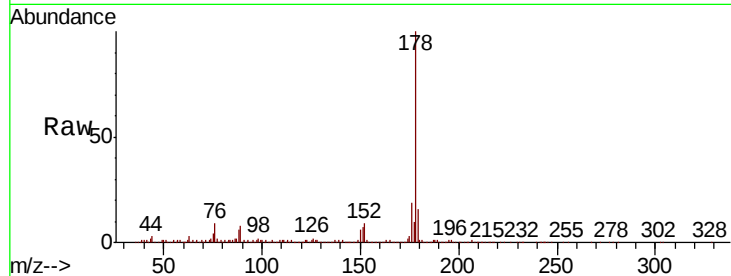
ClientSampleId :

BFB74

Tot Ion:	178	Resp:	390565
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.3	18.5
176	18.8	15.0	22.4

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#75

Carbazole

Concen: 1.336 ng/ul

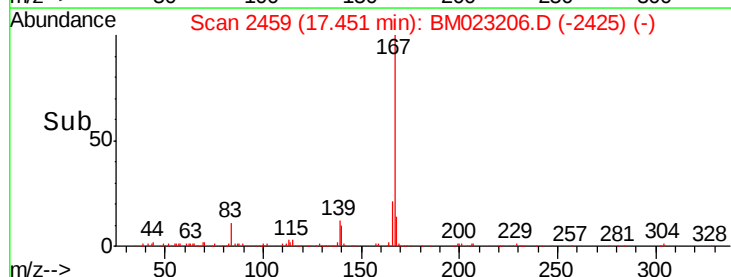
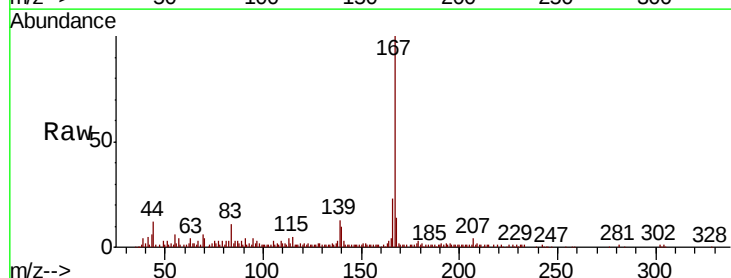
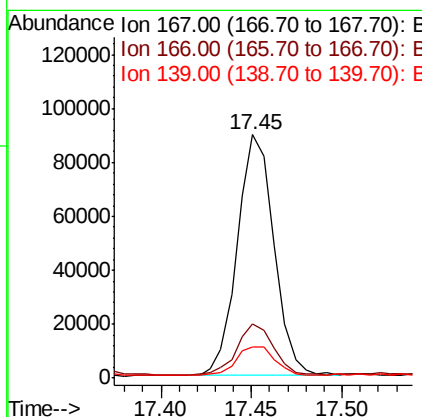
RT: 17.45 min Scan# 2459

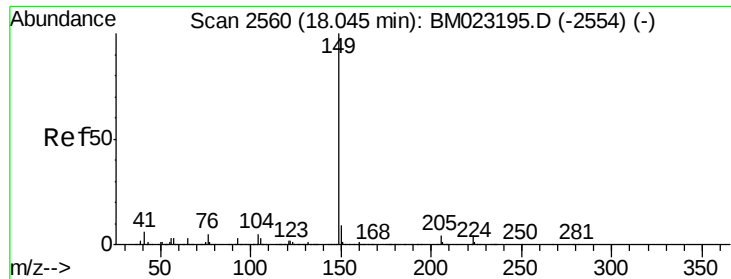
Delta R.T. -0.00 min

Lab File: BM023206.D

Acq: 17 Oct 2019 00:33

Tgt Ion:	167	Resp:	125436
Ion Ratio	Lower	Upper	
167	100		
166	22.5	17.4	26.0
139	13.0	10.2	15.2





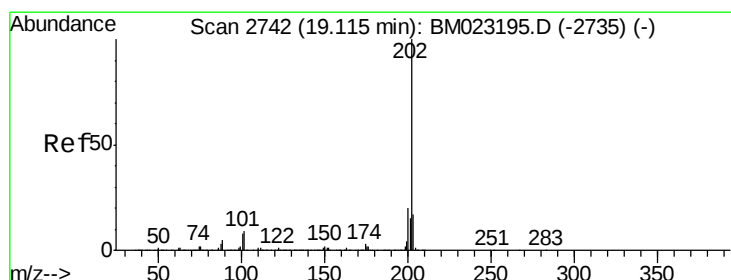
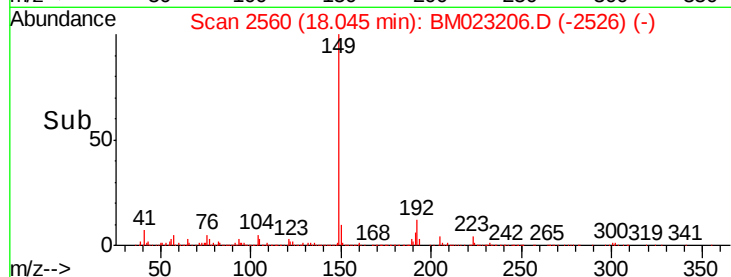
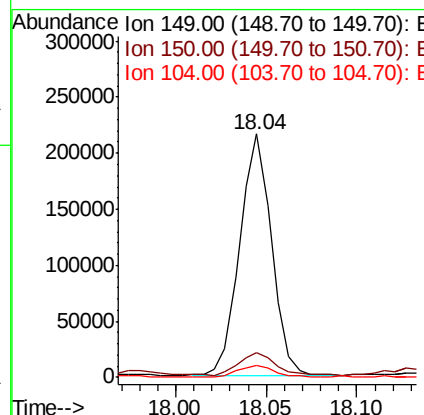
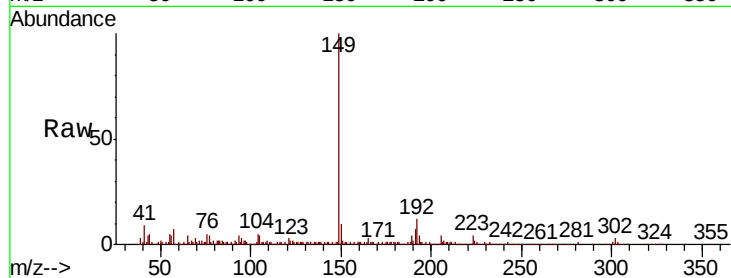
#76
Di-n-butylphthalate
Concen: 2.344 ng/ul
RT: 18.04 min Scan# 2560
Delta R.T. -0.00 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Instrument :
BNA_M
ClientSampled :
BFB74

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.4	7.0	10.4	
104	5.0	4.0	6.0	

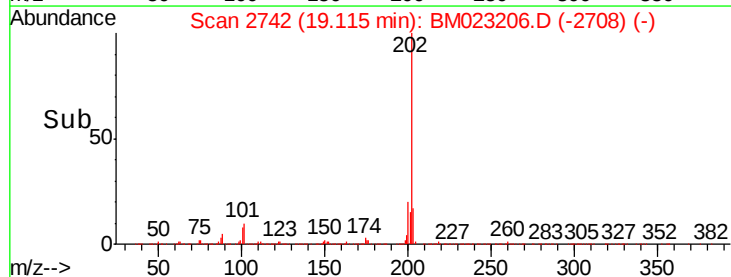
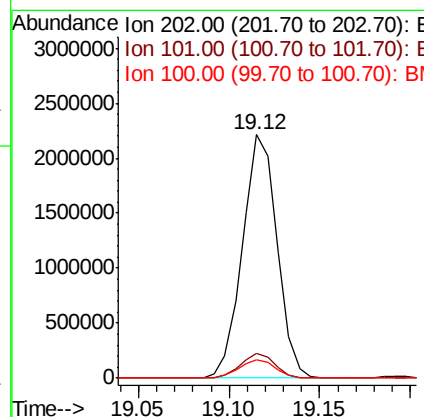
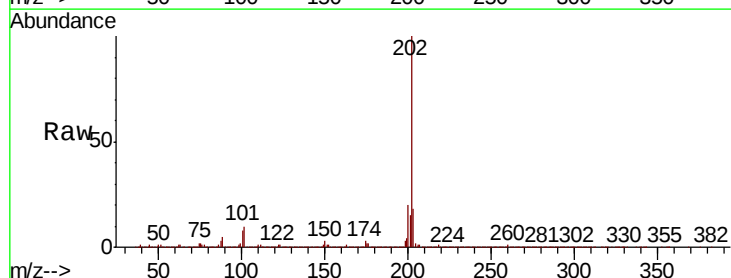
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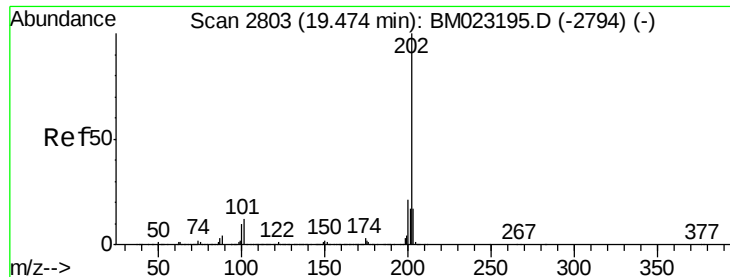
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#77
Fluoranthene
Concen: 24.233 ng/ul
RT: 19.12 min Scan# 2742
Delta R.T. -0.00 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.2	7.8	11.8	
100	7.8	6.1	9.1	





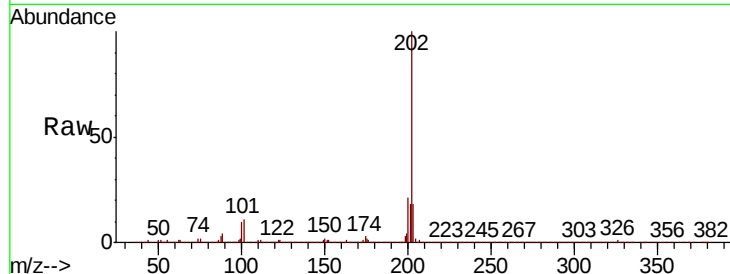
#80
Pvrene
Concen: 26.199 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.01 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Instrument :
BNA_M
ClientSampled :
BFB74

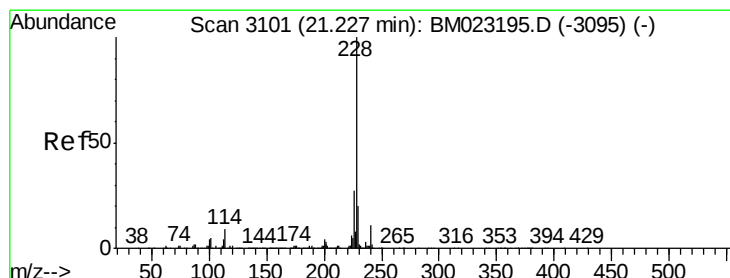
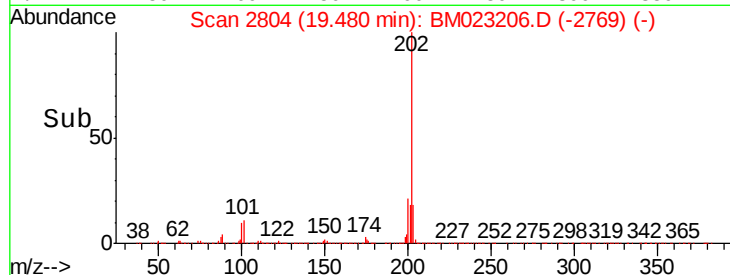
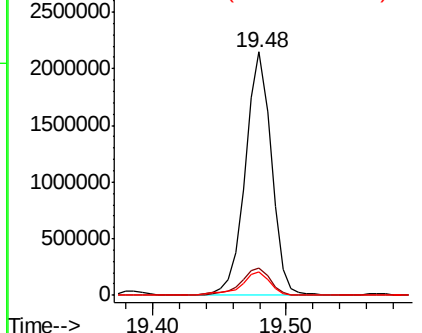
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.1	13.7
100	9.6	7.5	11.3

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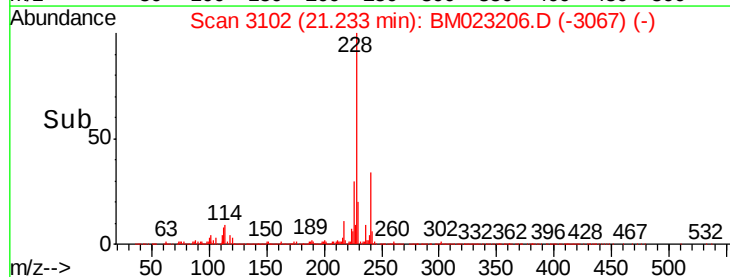
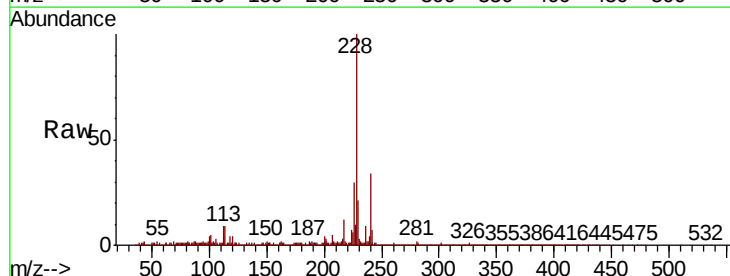
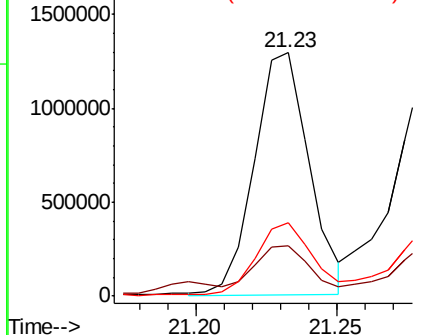
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Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

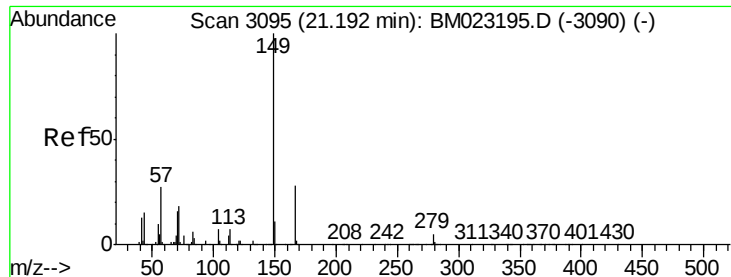


#83
Benzo(a)anthracene
Concen: 14.729 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.7	23.5
226	30.0	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: 2.602 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM023206.D

Acq: 17 Oct 2019 00:33

Instrument :

BNA_M

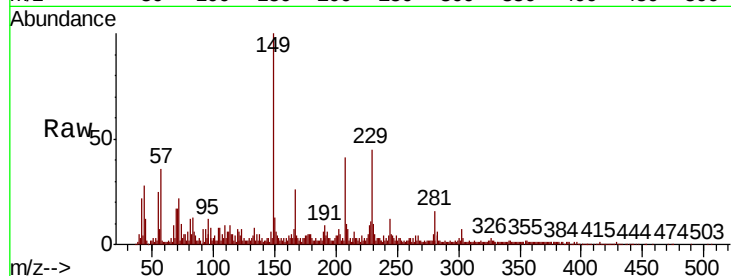
ClientSampleId :

BFB74

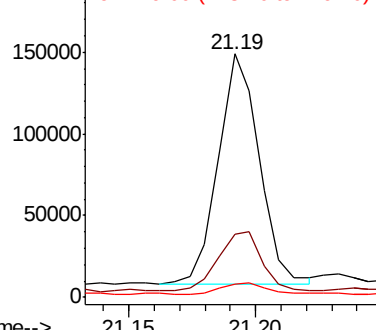
Tot Ion:	149	Resp:	157622
Ion Ratio	Lower	Upper	
149	100		
167	26.0	22.5	33.7
279	5.4	4.0	6.0

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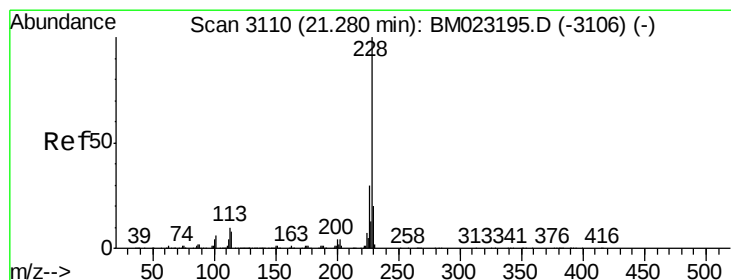
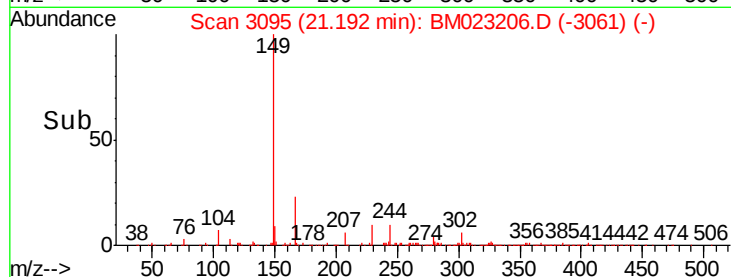
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->



#85

Chrysene

Concen: 15.222 ng/ul

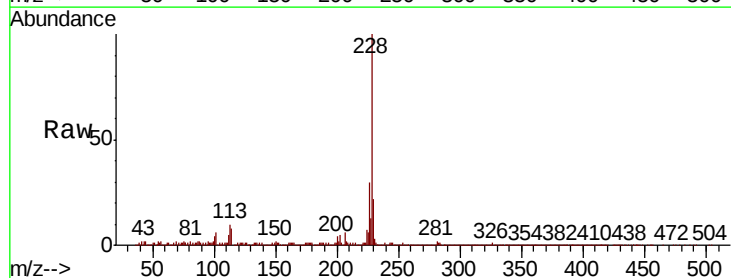
RT: 21.28 min Scan# 3110

Delta R.T. -0.00 min

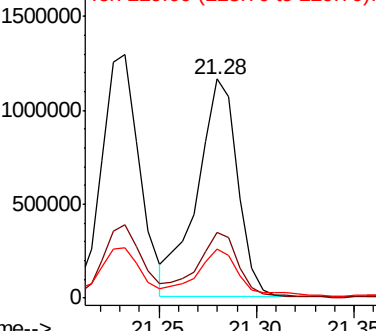
Lab File: BM023206.D

Acq: 17 Oct 2019 00:33

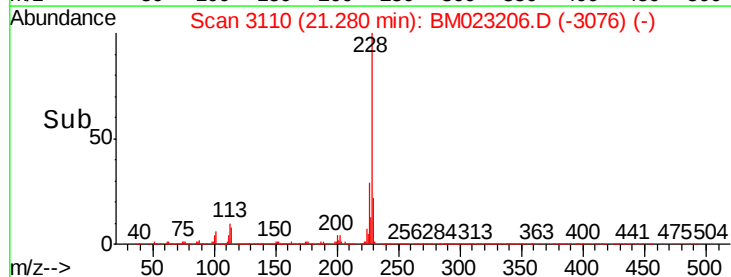
Tgt Ion:	228	Resp:	1674607
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.8	35.6
229	22.4	15.5	23.3

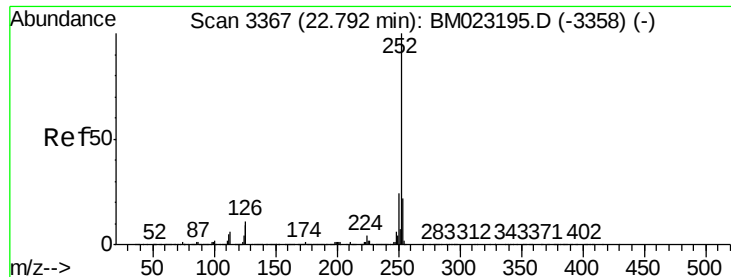


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->





#88

Benzo(b)fluoranthene

Concen: 17.837 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. 0.01 min

Lab File: BM023206.D

Acq: 17 Oct 2019 00:33

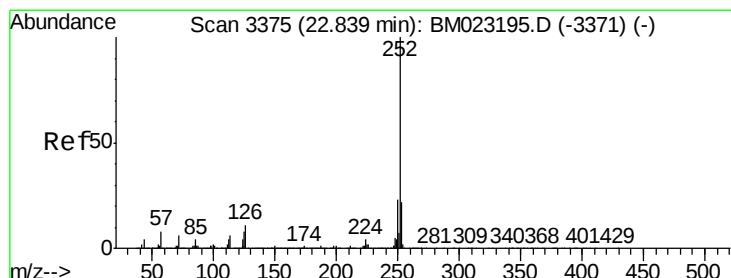
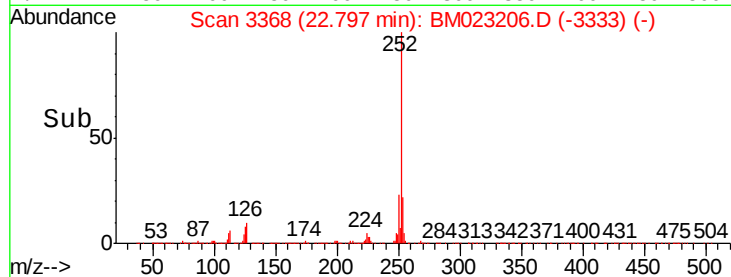
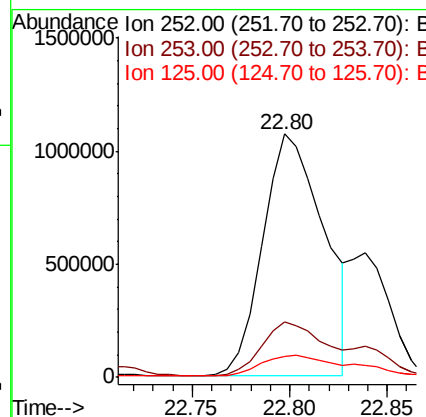
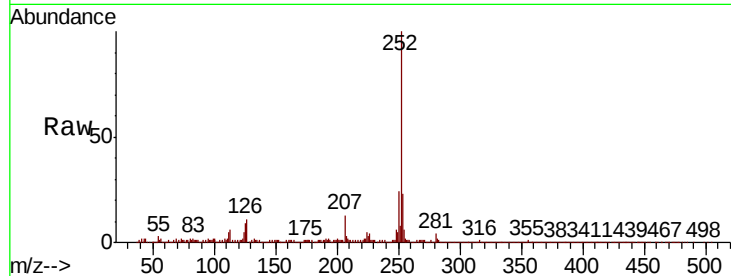
Instrument :
BNA_M

ClientSampled :
BFB74

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	8.8	6.4	9.6

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#89

Benzo(k)fluoranthene

Concen: 6.033 ng/ul m

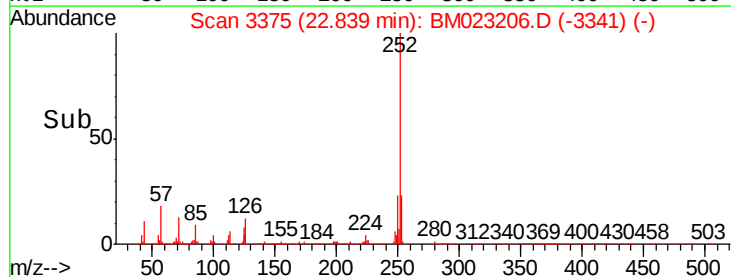
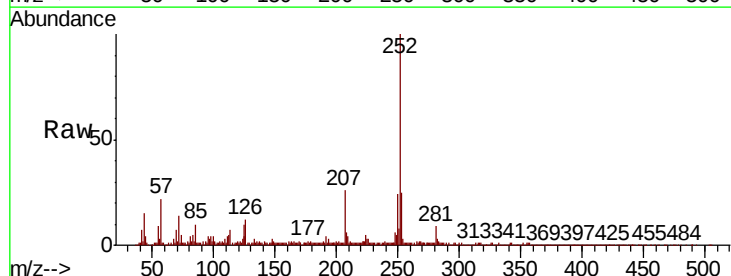
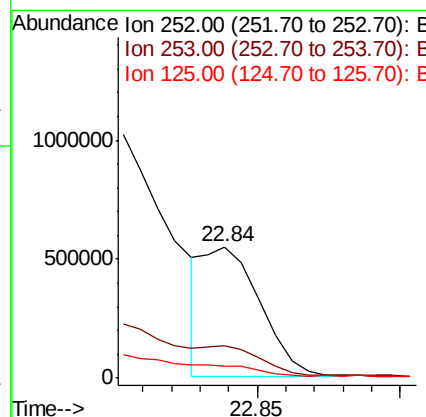
RT: 22.84 min Scan# 3375

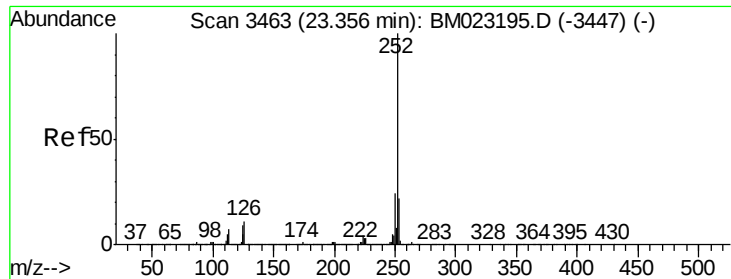
Delta R.T. -0.00 min

Lab File: BM023206.D

Acq: 17 Oct 2019 00:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.4	26.0
125	9.6	6.5	9.7





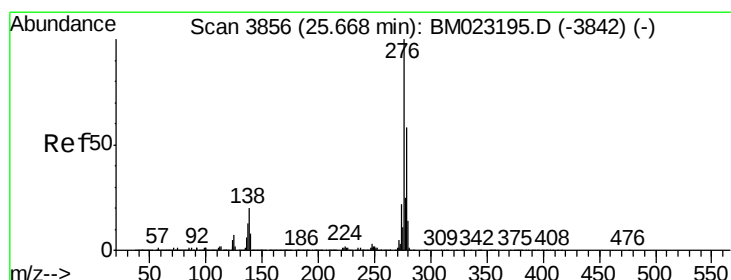
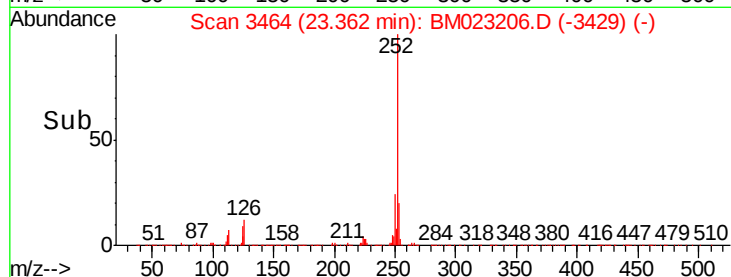
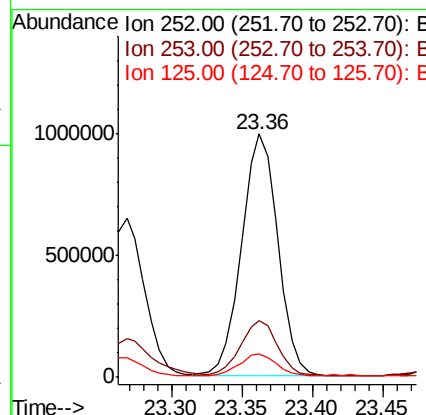
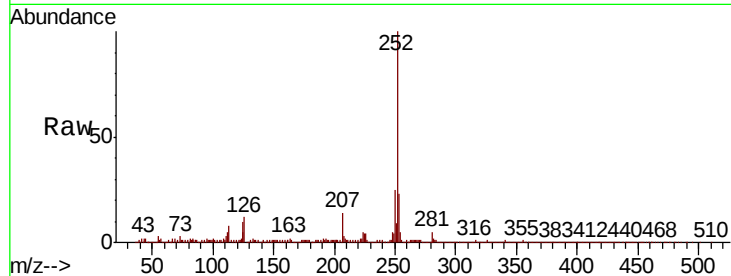
#91
Benzo(a)pyrene
Concen: 14.249 ng/ul
RT: 23.36 min Scan# 3464
Delta R.T. 0.01 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Instrument :
BNA_M
ClientSampled :
BFB74

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	9.9	7.4	11.0

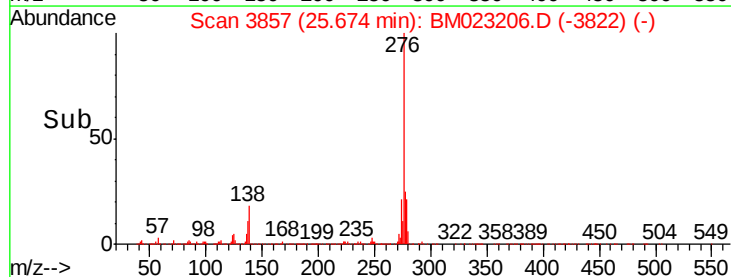
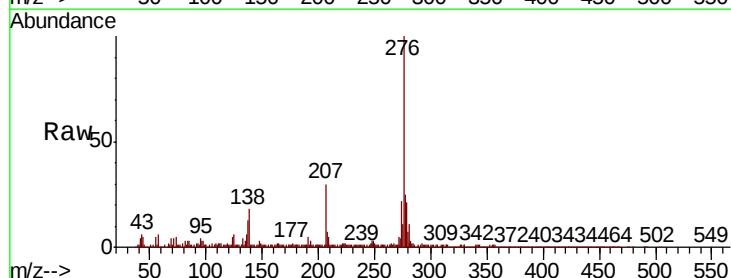
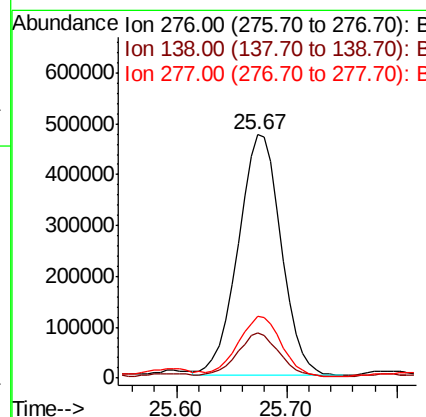
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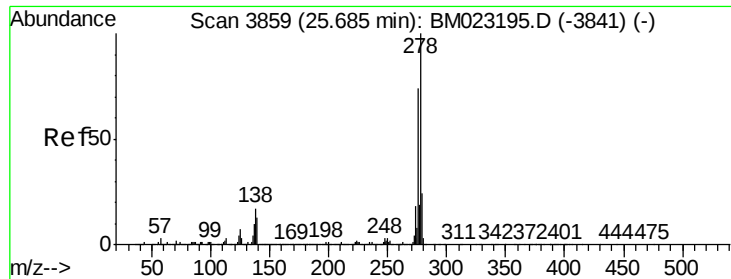
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#92
Indeno(1,2,3-cd)pyrene
Concen: 8.647 ng/ul
RT: 25.67 min Scan# 3857
Delta R.T. 0.01 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.4	14.9	22.3
277	25.3	19.8	29.8





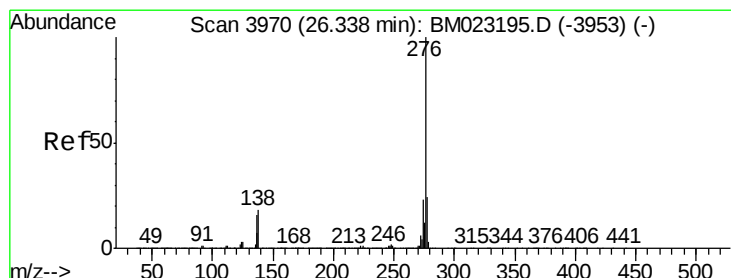
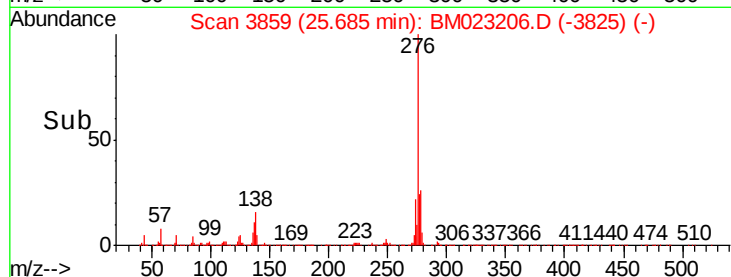
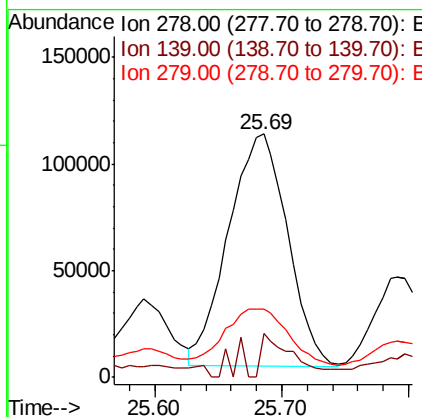
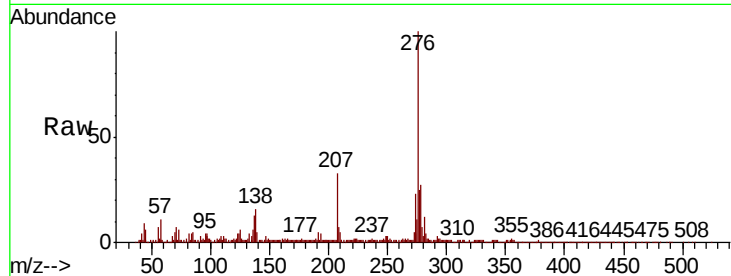
#93
Dibenzo(a,h)anthracene
Concen: 2.815 ng/ul
RT: 25.69 min Scan# 3859
Delta R.T. -0.00 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Instrument :
BNA_M
ClientSampleId :
BFB74

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.1	10.0	15.0#
279	27.8	19.4	29.0

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 10.546 ng/ul
RT: 26.35 min Scan# 3972
Delta R.T. 0.01 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.5	14.4	21.6
277	24.4	19.4	29.2

