

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
 Data File : BM023201.D
 Acq On : 16 Oct 2019 21:33
 Operator : JU
 Sample : K5262-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFB69

Manual Integrations
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mohammad
 10/18/2019 8:27:23 AM

Quant Time: Oct 17 05:49:09 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	413304	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1650256	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	937113	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1786374	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1685700	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2065733	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	30358	3.23	ng/uL	0.00
5) Phenol-d5	6.83	99	538569	14.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	337333	16.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	451964	16.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	387910	13.42	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	212546	19.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	226586	21.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	446138	16.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	266953	8.12	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1340741	18.67	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1571977	18.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	124693	10.73	ng/ul	0.00
58) Fluorene-d10	15.30	176	1131267	18.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	94978	13.41	ng/ul	0.00
71) Anthracene-d10	17.15	188	1682171	19.53	ng/ul	0.00
79) Pyrene-d10	19.45	212	1767034	21.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2091092	19.97	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.86	94	113384	3.054	ng/ul 99
45) Dimethylphthalate	13.77	163	423695	5.895	ng/ul 99
48) Acenaphthylene	14.03	152	196197	2.278	ng/ul 99
50) Acenaphthene	14.37	153	70567	1.177	ng/ul 93
70) Phenanthrene	17.09	178	1354383	13.510	ng/ul 99
72) Anthracene	17.19	178	389122	3.756	ng/ul 100
75) Carbazole	17.45	167	109426	1.182	ng/ul 96
77) Fluoranthene	19.12	202	2977945	24.977	ng/ul 100
80) Pvrene	19.48	202	2844631	26.937	ng/ul 100
81) Butylbenzylphthalate	20.40	149	156292	4.255	ng/ul 97
83) Benzo(a)anthracene	21.23	228	1646148	14.412	ng/ul 95
84) Bis(2-ethylhexyl)phthalate	21.19	149	1424394	24.389	ng/ul 100
85) Chrysene	21.28	228	1626032	15.332	ng/ul 97
88) Benzo(b)fluoranthene	22.80	252	2512845	20.063	ng/ul 96
89) Benzo(k)fluoranthene	22.84	252	772871m	6.426	ng/ul
91) Benzo(a)pyrene	23.36	252	1877497	15.625	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.67	276	1495142	10.459	ng/ul 99
93) Dibenzo(a,h)anthracene	25.68	278	379395	3.174	ng/ul# 91
94) Benzo(g,h,i)perylene	26.35	276	1522592	12.937	ng/ul 99

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

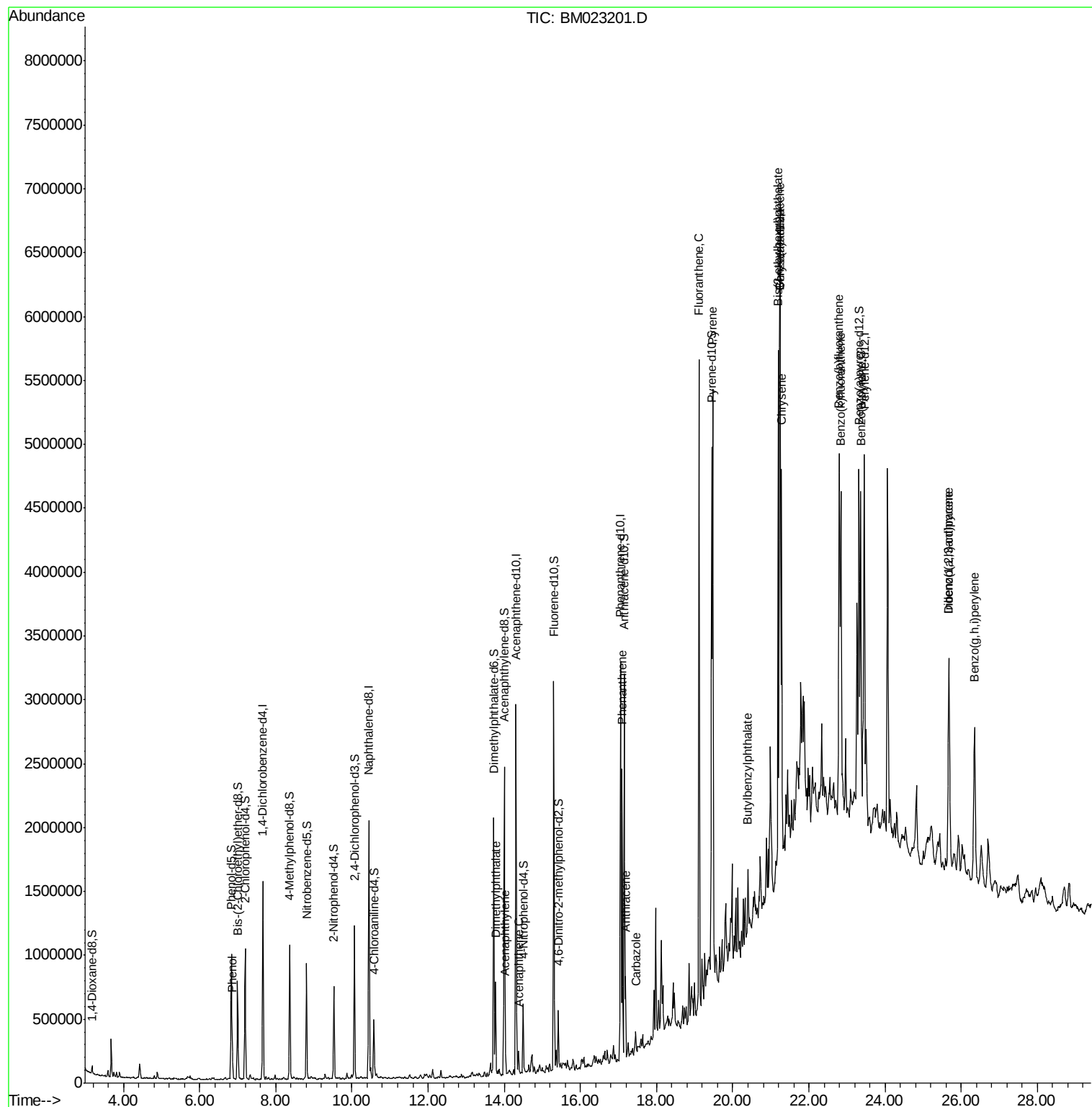
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023201.D
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Misc :
ALS Vial : 8 Sample Multiplier: 1

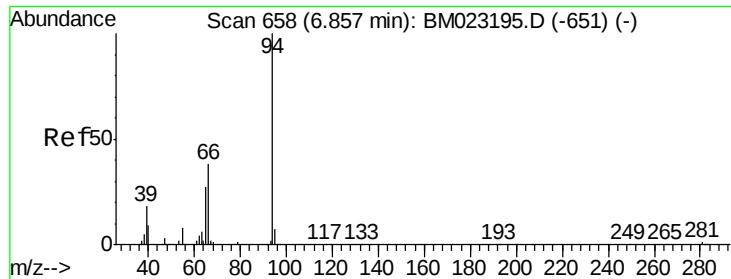
Instrument :
BNA_M
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Quant Time: Oct 17 05:49:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
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#6

Phenol

Concen: 3.054 ng/ul

RT: 6.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BM023201.D

Acq: 16 Oct 2019 21:33

Instrument :

BNA_M

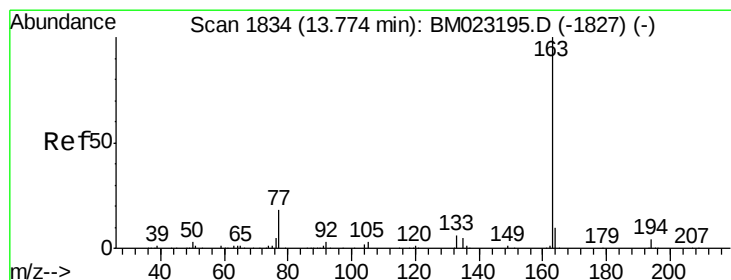
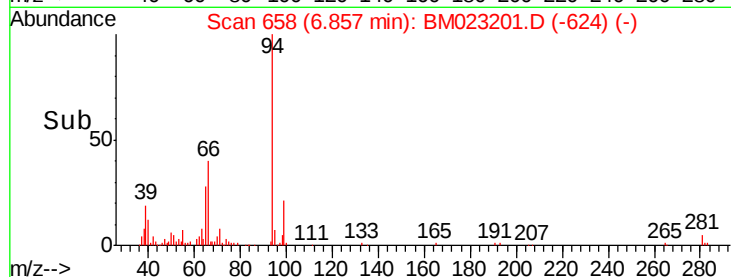
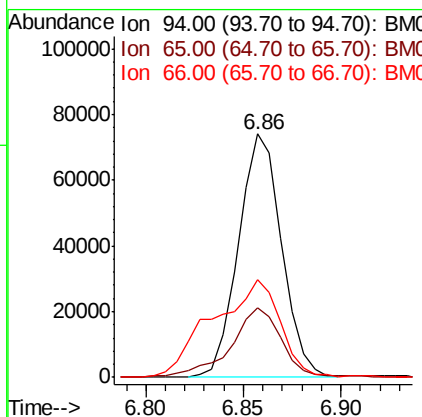
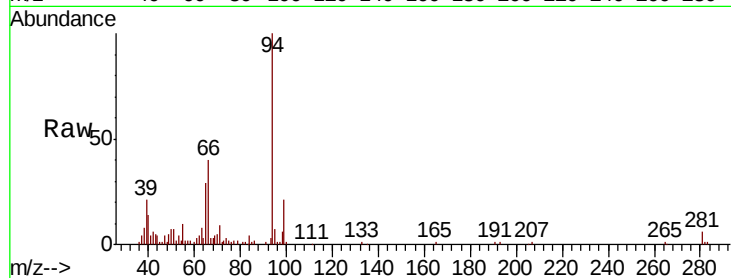
ClientSampleId :

BFB69

Tot Ion:	94	Resp:	11384
Ion	Ratio	Lower	Upper
94	100		
65	28.7	23.7	35.5
66	40.4	32.9	49.3

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#45

Dimethylphthalate

Concen: 5.895 ng/ul

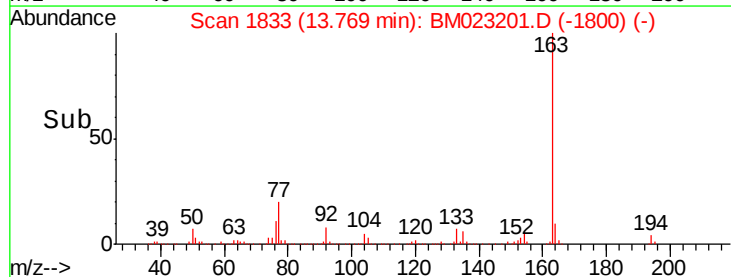
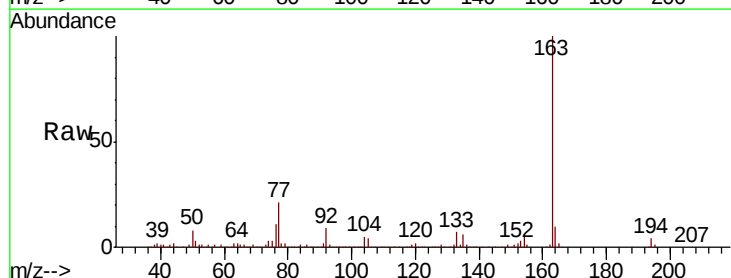
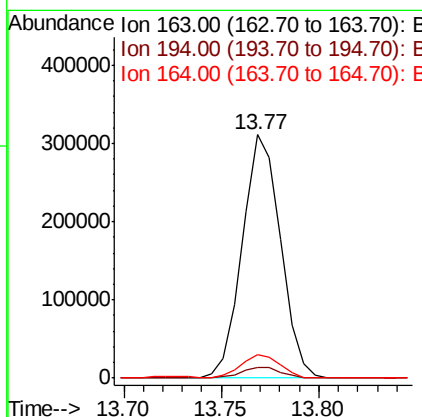
RT: 13.77 min Scan# 1833

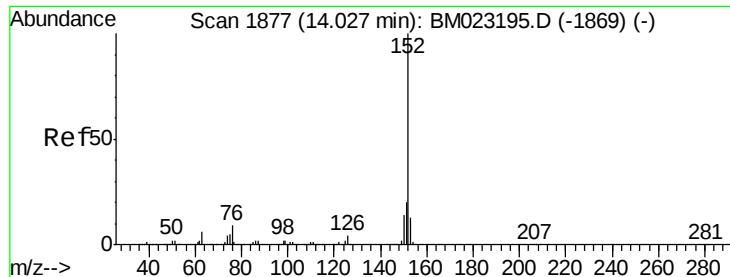
Delta R.T. -0.01 min

Lab File: BM023201.D

Acq: 16 Oct 2019 21:33

Tgt Ion:	163	Resp:	423695
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	9.8	8.0	12.0





#48

Acenaphthylene

Concen: 2.278 ng/ul

RT: 14.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BM023201.D

Acq: 16 Oct 2019 21:33

Instrument :

BNA_M

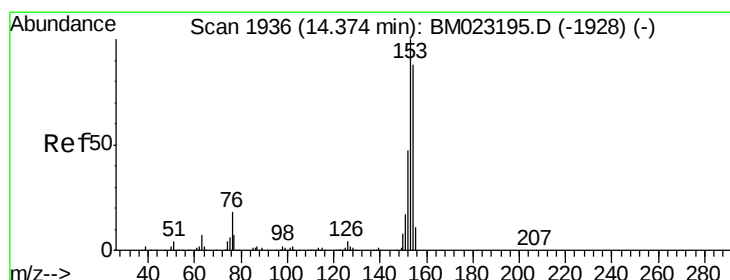
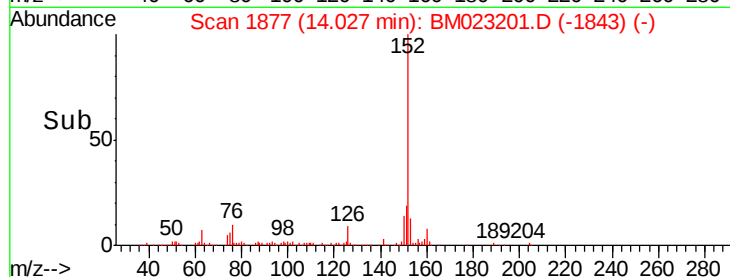
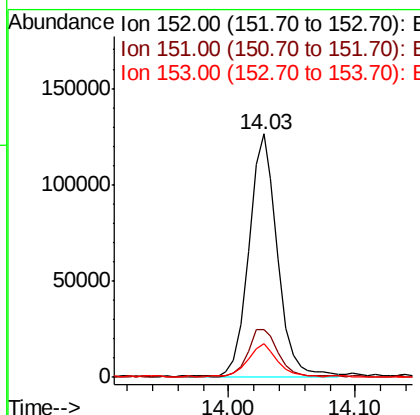
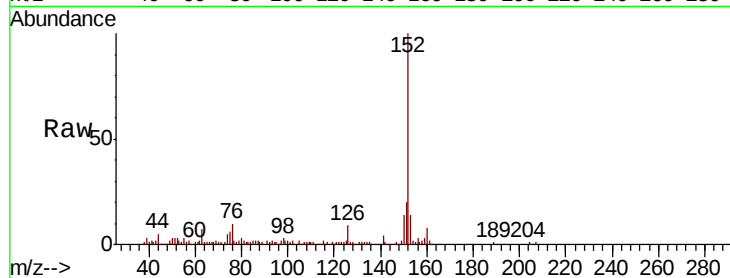
ClientSampleId :

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Tot Ion:	152	Resp:	196197
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.8	23.6
153	13.8	10.3	15.5

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#50

Acenaphthene

Concen: 1.177 ng/ul

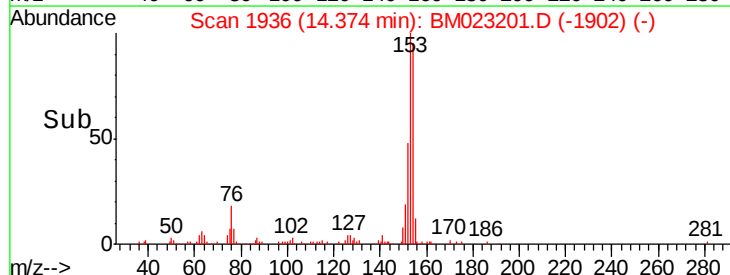
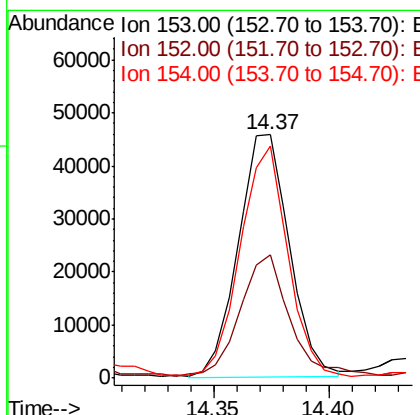
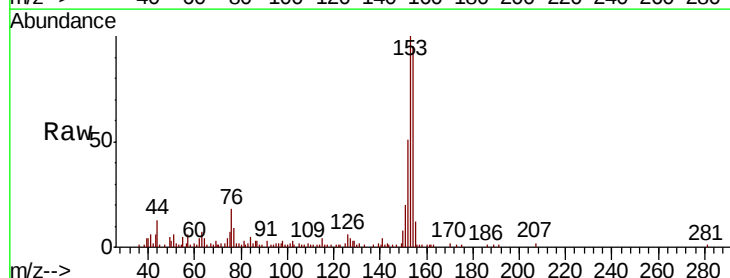
RT: 14.37 min Scan# 1936

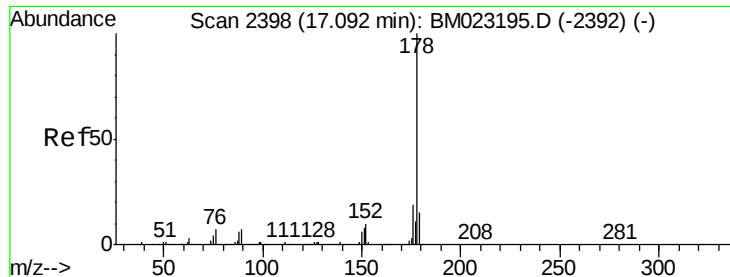
Delta R.T. 0.00 min

Lab File: BM023201.D

Acq: 16 Oct 2019 21:33

Tgt Ion:	153	Resp:	70567
Ion Ratio	Lower	Upper	
153	100		
152	50.7	38.0	57.0
154	95.1	70.4	105.6





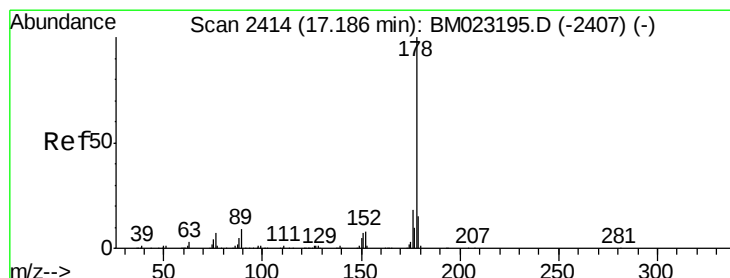
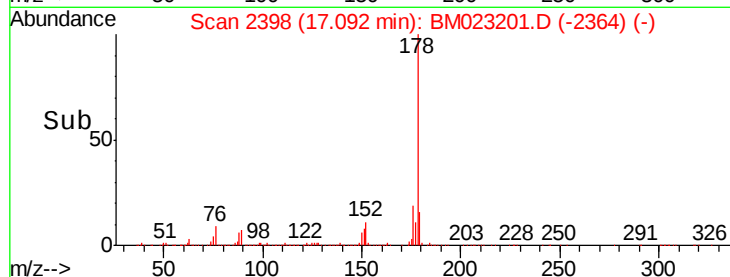
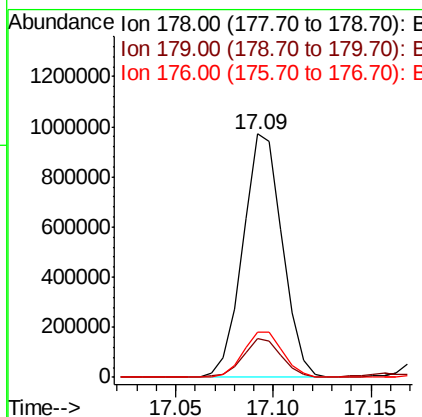
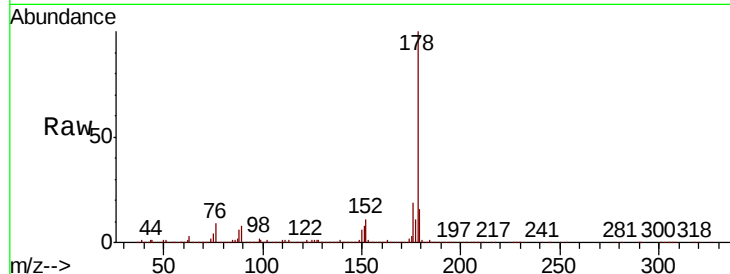
#70
Phenanthrene
Concen: 13.510 ng/ul
RT: 17.09 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BM023201.D
Acq: 16 Oct 2019 21:33

Instrument :
BNA_M
ClientSampleId :
BFB69

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.7	15.5	23.3

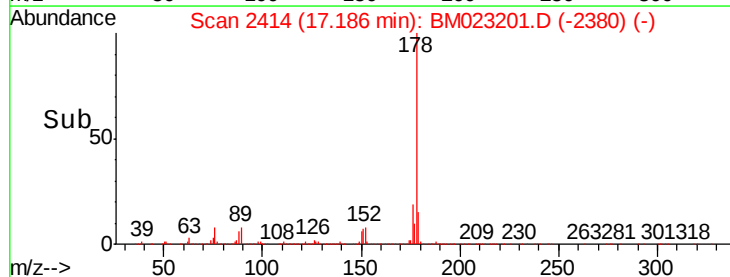
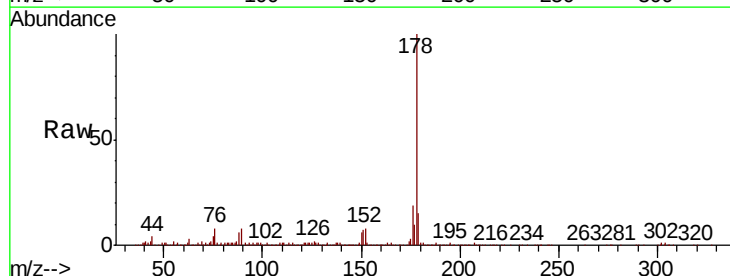
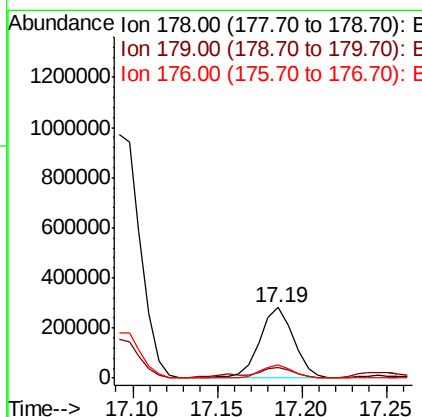
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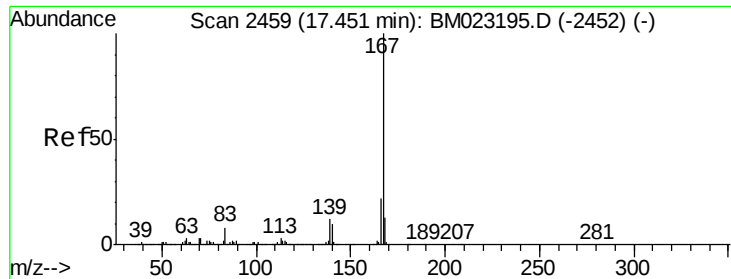
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#72
Anthracene
Concen: 3.756 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BM023201.D
Acq: 16 Oct 2019 21:33

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.7	15.0	22.4





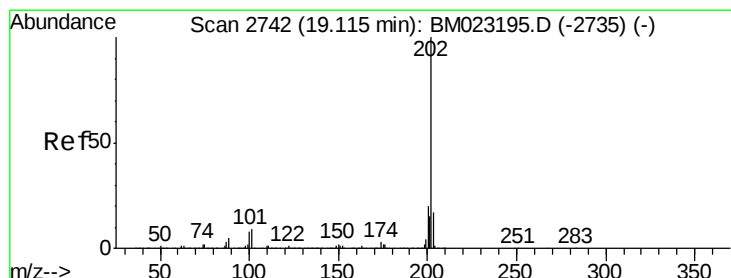
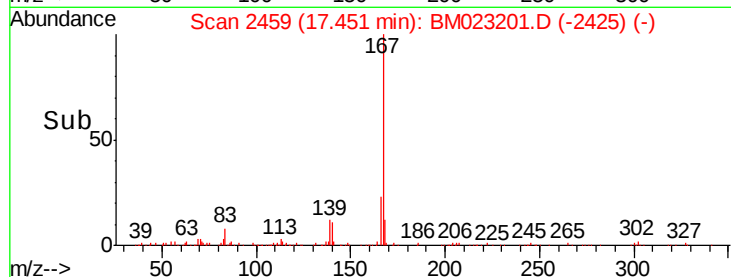
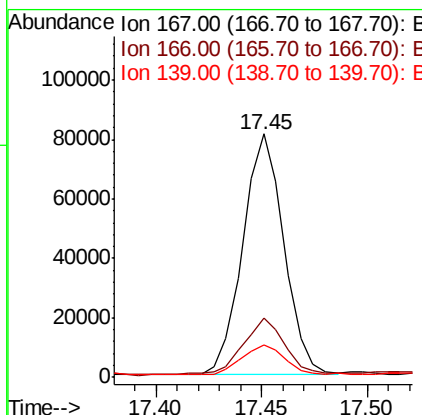
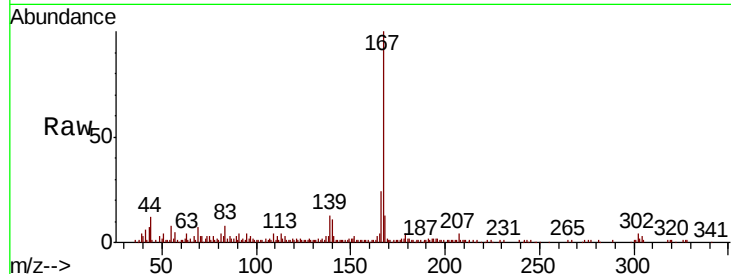
#75
 Carbazole
 Concen: 1.182 ng/ul
 RT: 17.45 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: BM023201.D
 Acq: 16 Oct 2019 21:33

Instrument :
 BNA_M
 ClientSampleId :
 BFB69

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.2	17.4	26.0
139	13.3	10.2	15.2

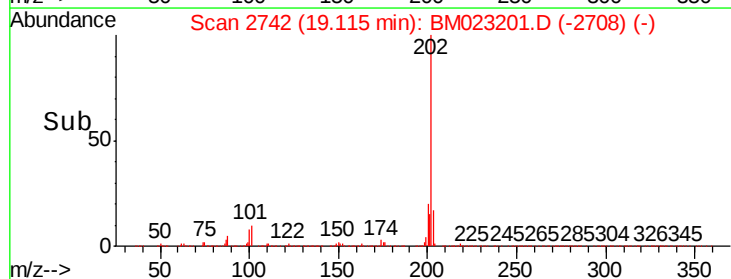
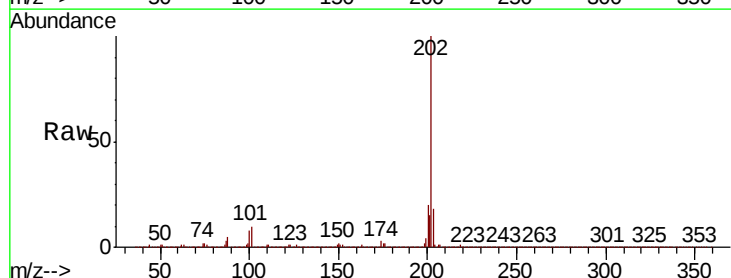
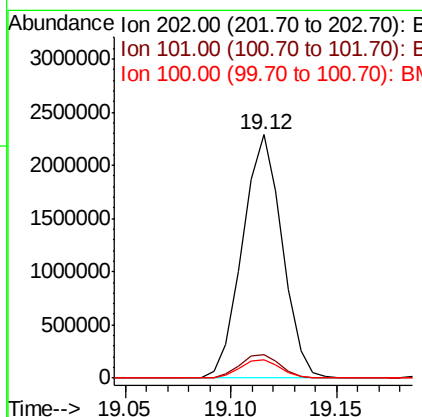
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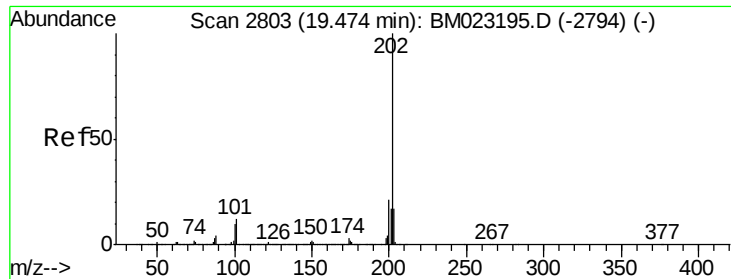
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#77
 Fluoranthene
 Concen: 24.977 ng/ul
 RT: 19.12 min Scan# 2742
 Delta R.T. 0.00 min
 Lab File: BM023201.D
 Acq: 16 Oct 2019 21:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.8	11.8
100	7.6	6.1	9.1





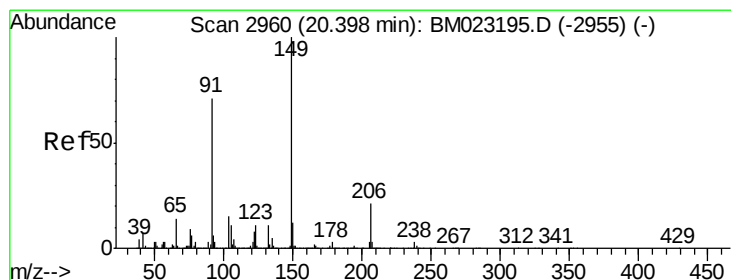
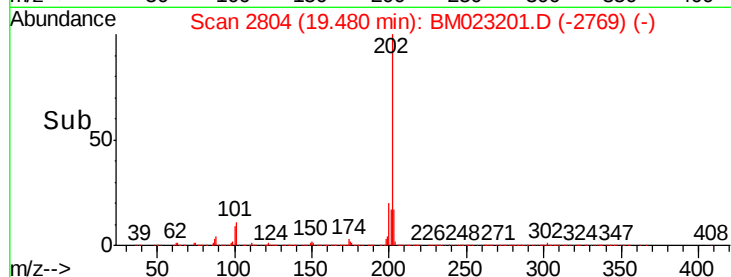
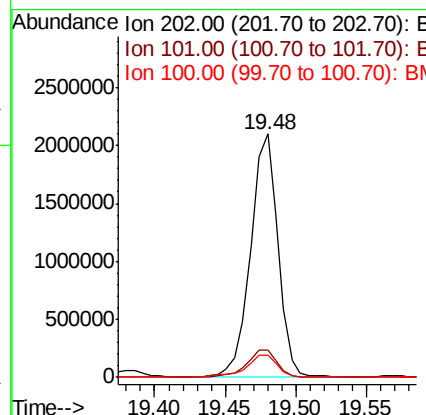
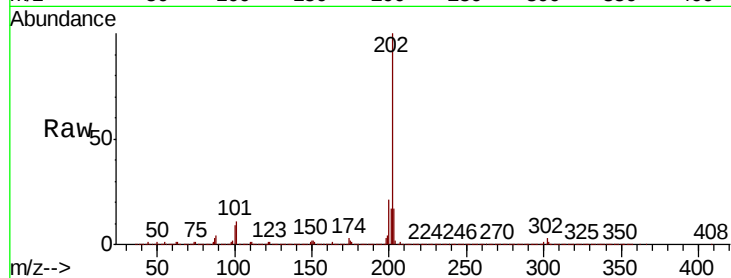
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Pvrene
Concen: 26.937 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.01 min
Lab File: BM023201.D
Acq: 16 Oct 2019 21:33

Instrument :
BNA_M
ClientSampleId :
BFB69

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.1	13.7
100	9.2	7.5	11.3

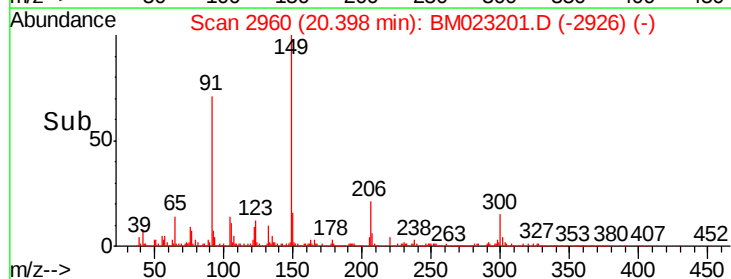
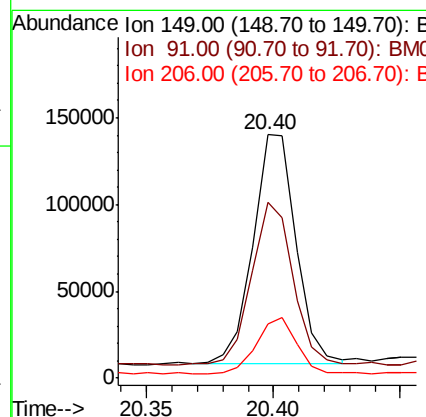
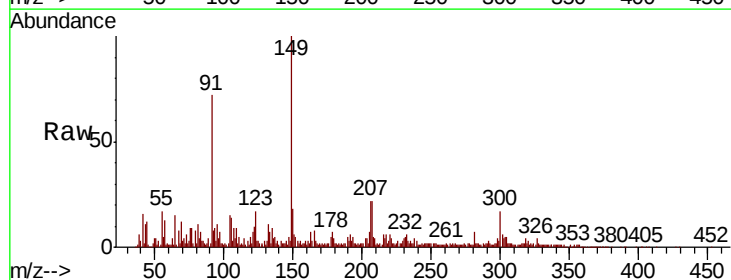
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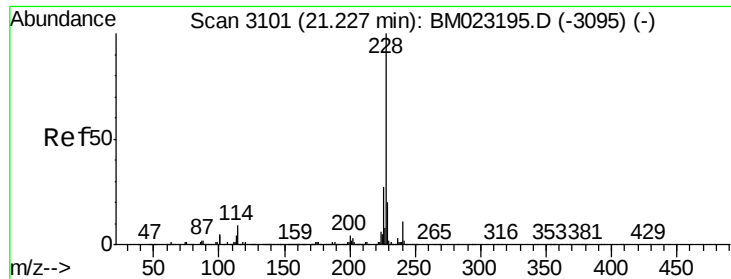
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#81
Butylbenzylphthalate
Concen: 4.255 ng/ul
RT: 20.40 min Scan# 2960
Delta R.T. 0.00 min
Lab File: BM023201.D
Acq: 16 Oct 2019 21:33

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.5	59.9	89.9
206	22.1	17.1	25.7





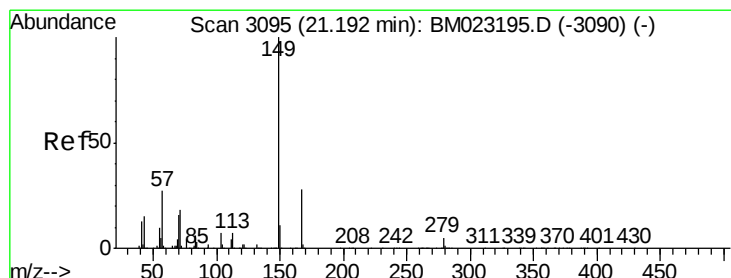
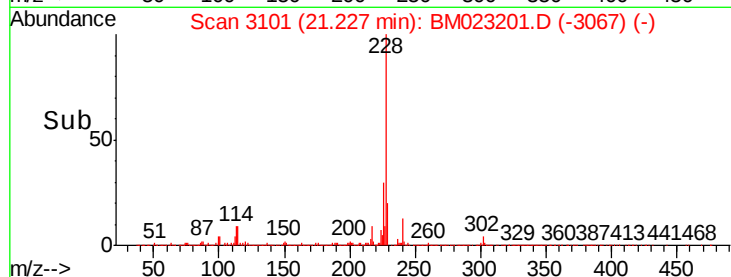
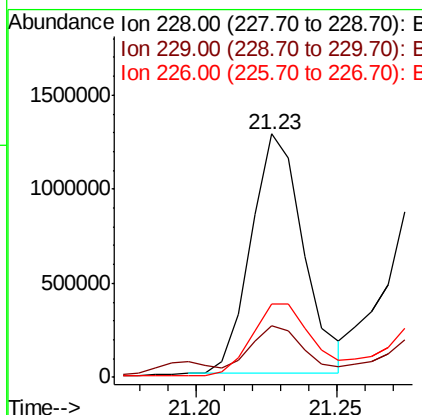
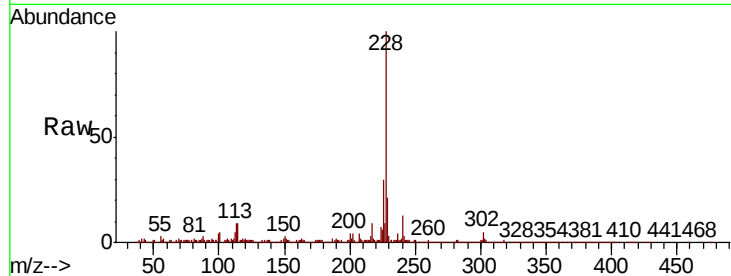
#83
Benzo(a)anthracene
Concen: 14.412 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BM023201.D
Acq: 16 Oct 2019 21:33

Instrument :
BNA_M
ClientSampleId :
BFB69

Tot Ion:228 Resp: 1646148
Ion Ratio Lower Upper
228 100
229 21.1 15.7 23.5
226 30.0 21.6 32.4

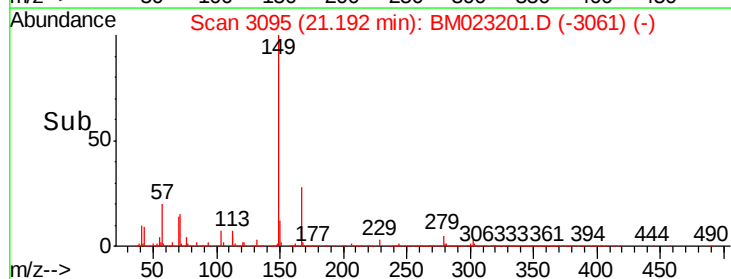
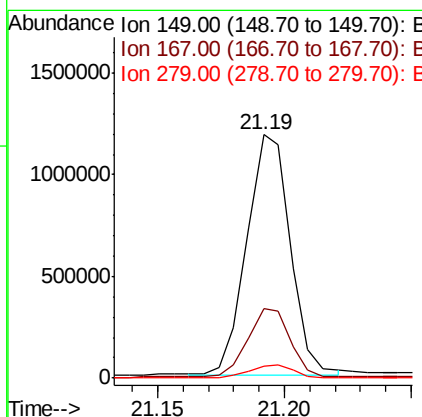
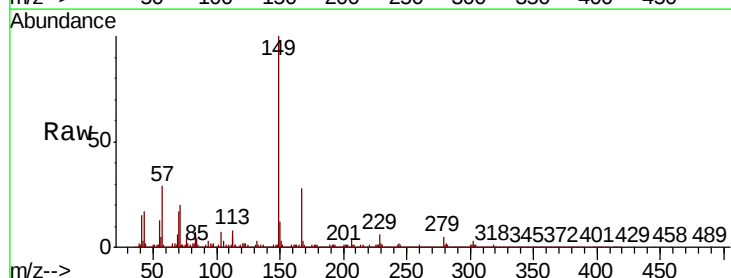
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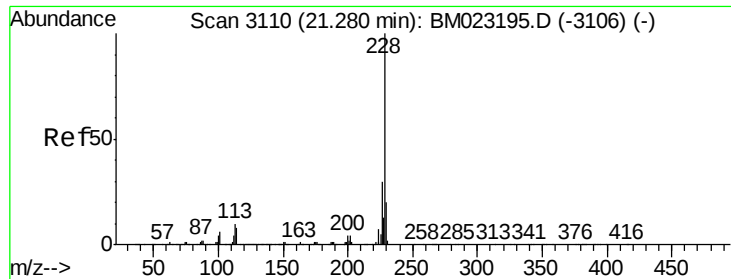
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#84
Bis(2-ethylhexyl)phthalate
Concen: 24.389 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BM023201.D
Acq: 16 Oct 2019 21:33

Tgt Ion:149 Resp: 1424394
Ion Ratio Lower Upper
149 100
167 28.3 22.5 33.7
279 4.9 4.0 6.0





#85

Chrysene

Concen: 15.332 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. 0.00 min

Lab File: BM023201.D

Acq: 16 Oct 2019 21:33

Instrument :

BNA_M

ClientSampleId :

BFB69

Tot Ion:228 Resp: 1626032

Ion Ratio Lower Upper

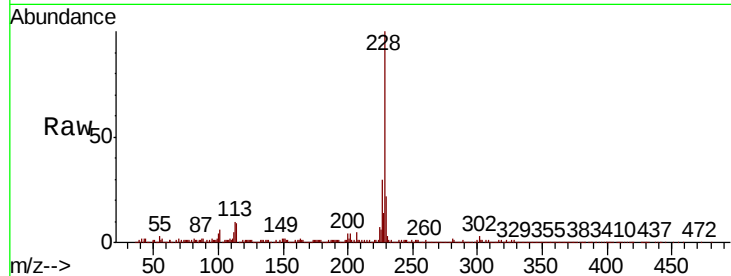
228 100

226 30.1 23.8 35.6

229 22.4 15.5 23.3

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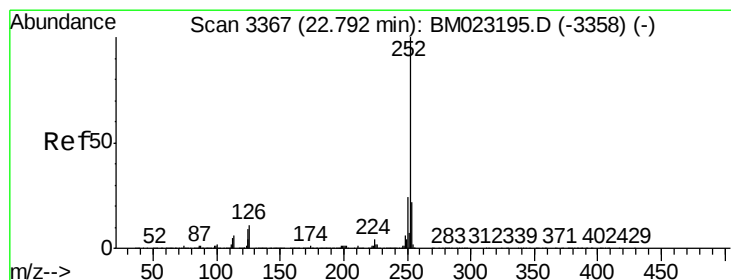
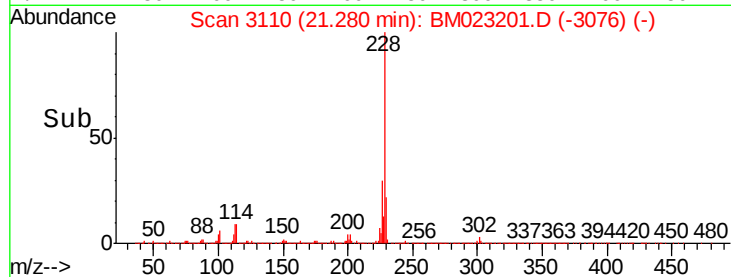
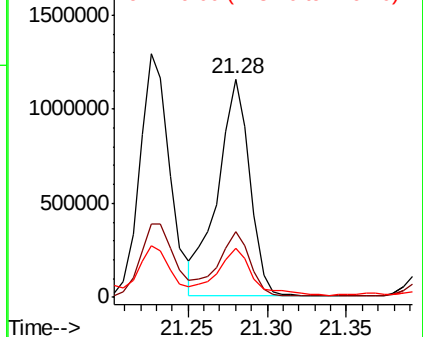


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 20.063 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. 0.01 min

Lab File: BM023201.D

Acq: 16 Oct 2019 21:33

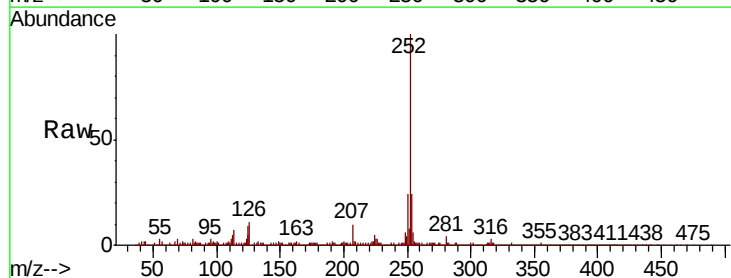
Tgt Ion:252 Resp: 2512845

Ion Ratio Lower Upper

252 100

253 23.7 17.6 26.4

125 9.4 6.4 9.6

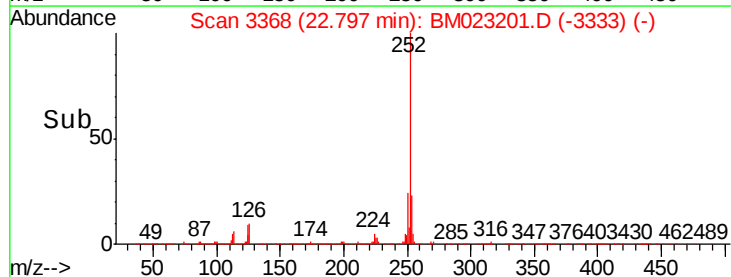
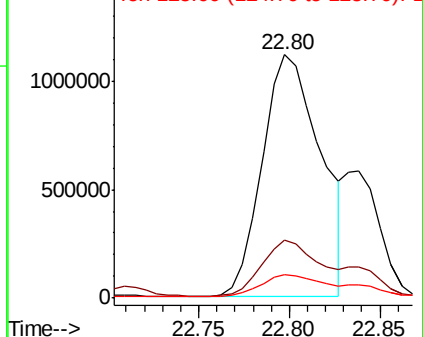


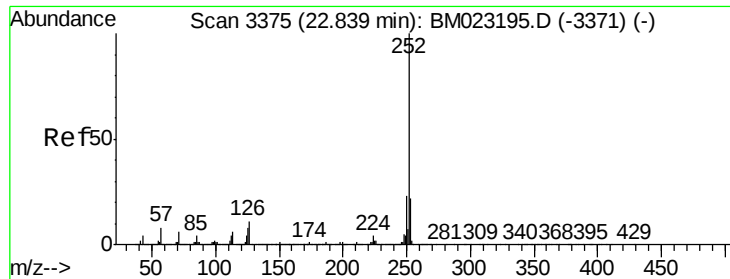
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





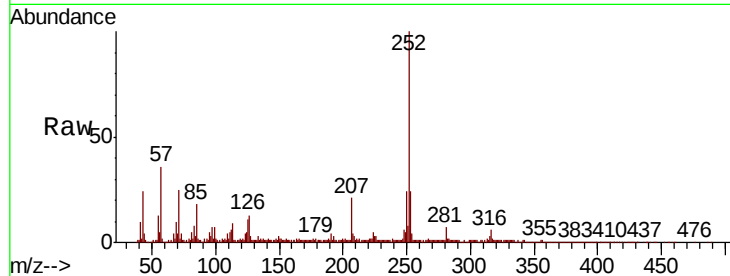
#89
Benzo(k)fluoranthene
Concen: 6.426 ng/ul m
RT: 22.84 min Scan# 3375
Delta R.T. 0.00 min
Lab File: BM023201.D
Acq: 16 Oct 2019 21:33

Instrument :
BNA_M
ClientSampleId :
BFB69

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.4	26.0
125	10.7	6.5	9.7

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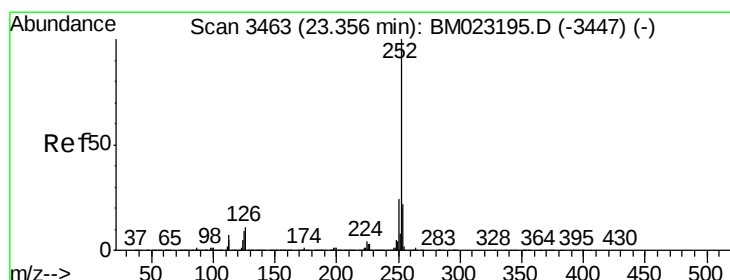
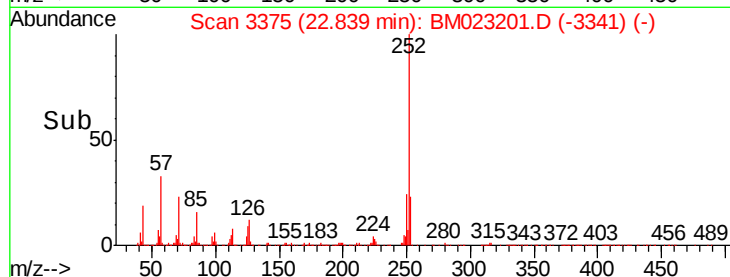
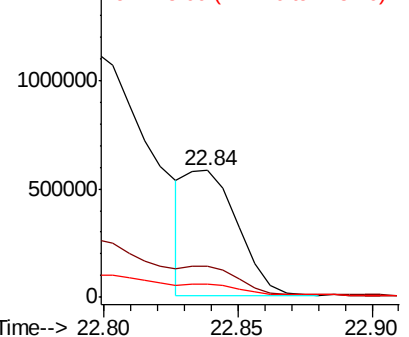


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Benzo(a)pyrene
Concen: 15.625 ng/ul
RT: 23.36 min Scan# 3464
Delta R.T. 0.01 min
Lab File: BM023201.D
Acq: 16 Oct 2019 21:33

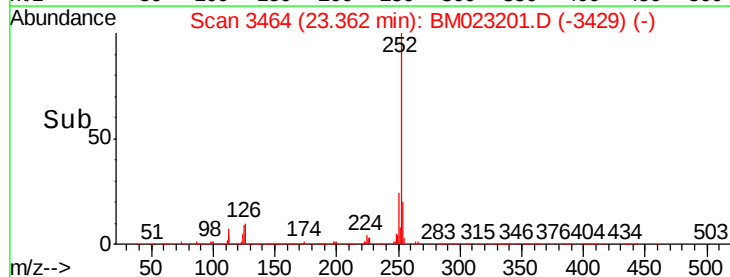
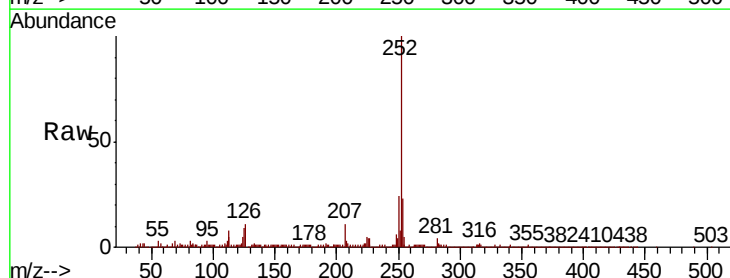
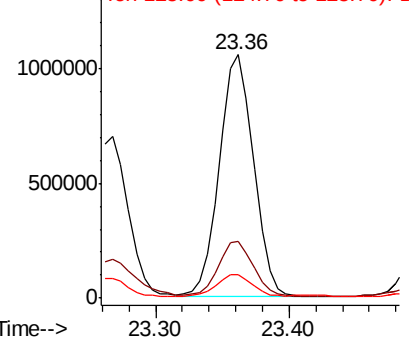
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	9.4	7.4	11.0

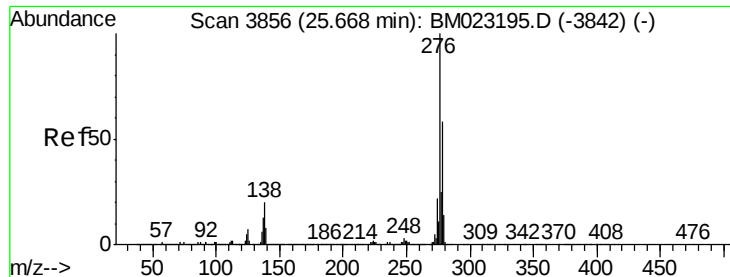
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

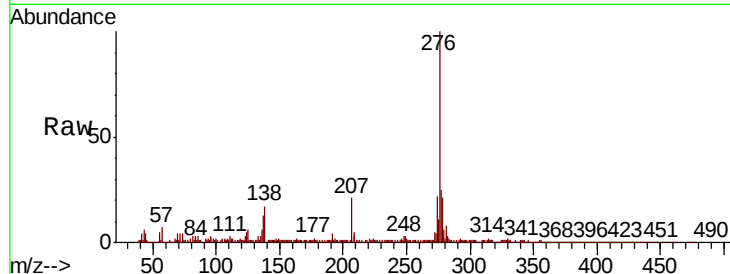
Indeno(1,2,3-cd)pyrene
Concen: 10.459 ng/ul
RT: 25.67 min Scan# 3857
Delta R.T. 0.01 min
Lab File: BM023201.D
Acq: 16 Oct 2019 21:33

Instrument :
BNA_M
ClientSampleId :
BFB69

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.5	14.9	22.3
277	24.9	19.8	29.8

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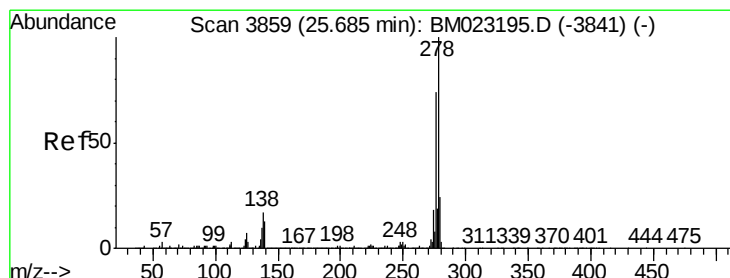
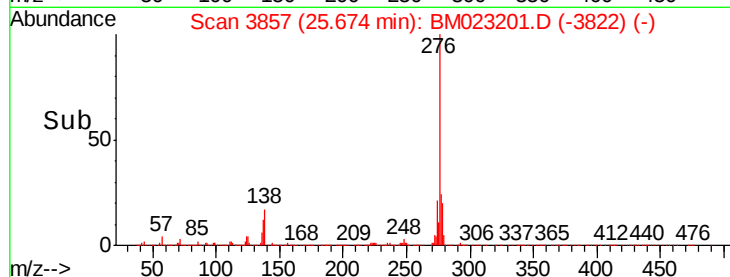
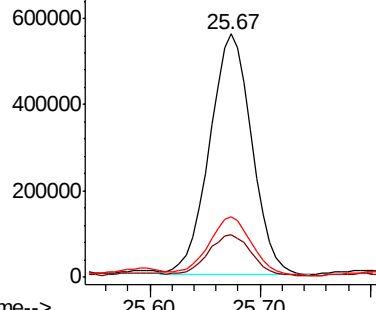


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

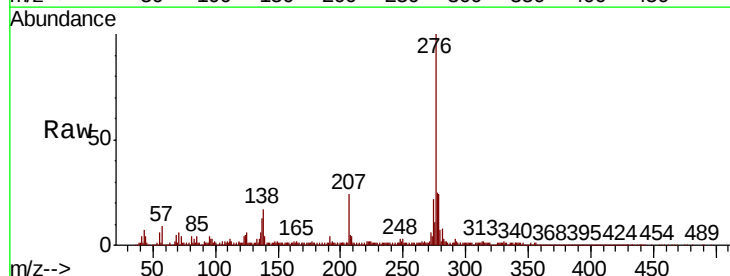
Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene
Concen: 3.174 ng/ul
RT: 25.68 min Scan# 3858
Delta R.T. -0.01 min
Lab File: BM023201.D
Acq: 16 Oct 2019 21:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	10.0	15.0#
279	28.3	19.4	29.0

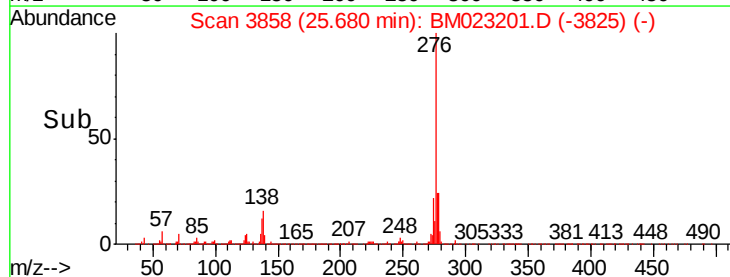
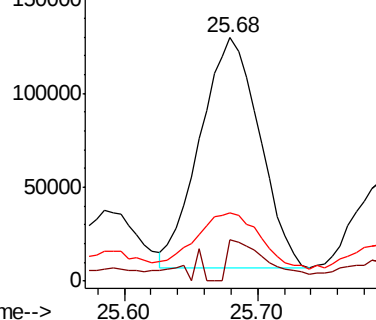


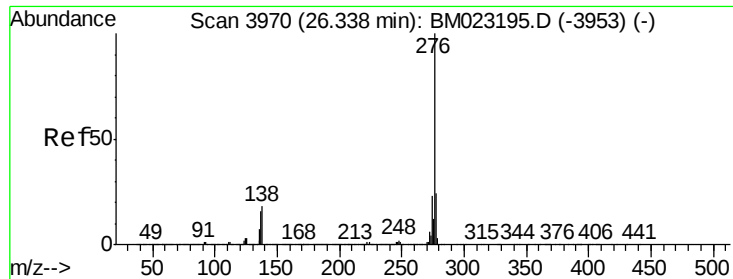
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 12.937 ng/ul

RT: 26.35 min Scan# 3972

Delta R.T. 0.01 min

Lab File: BM023201.D

Acq: 16 Oct 2019 21:33

Instrument :

BNA_M

ClientSampleId :

BFB69

Tot Ion: 276 Resp: 1522592

Ion Ratio Lower Upper

276 100

138 17.5 14.4 21.6

277 24.9 19.4 29.2

Manual Integrations

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