

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
 Data File : BM023841.D
 Acq On : 21 Nov 2019 22:19
 Operator : JU
 Sample : K5851-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 22 05:51:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 21 16:09:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	312251	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.29	136	1277467	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	795316	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.92	188	1723908	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1695321	20.00	ng/ul	0.00
86) Perylene-d12	23.28	264	2103627	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	25852	3.41	ng/uL	0.00
5) Phenol-d5	6.70	99	479898	16.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	294476	18.01	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.05	132	413578	20.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	351602	15.48	ng/ul	-0.01
19) Nitrobenzene-d5	8.66	128	199644	21.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	225774	23.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	404407	18.45	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.43	131	282618	11.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1223024	19.72	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1481699	20.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	106525	10.06	ng/ul	0.00
58) Fluorene-d10	15.17	176	1081926	19.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	129130	12.95	ng/ul	0.00
71) Anthracene-d10	17.02	188	1683842	20.59	ng/ul	0.00
79) Pyrene-d10	19.33	212	1892555	21.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.14	264	2268380	20.49	ng/ul	-0.01

Target Compounds

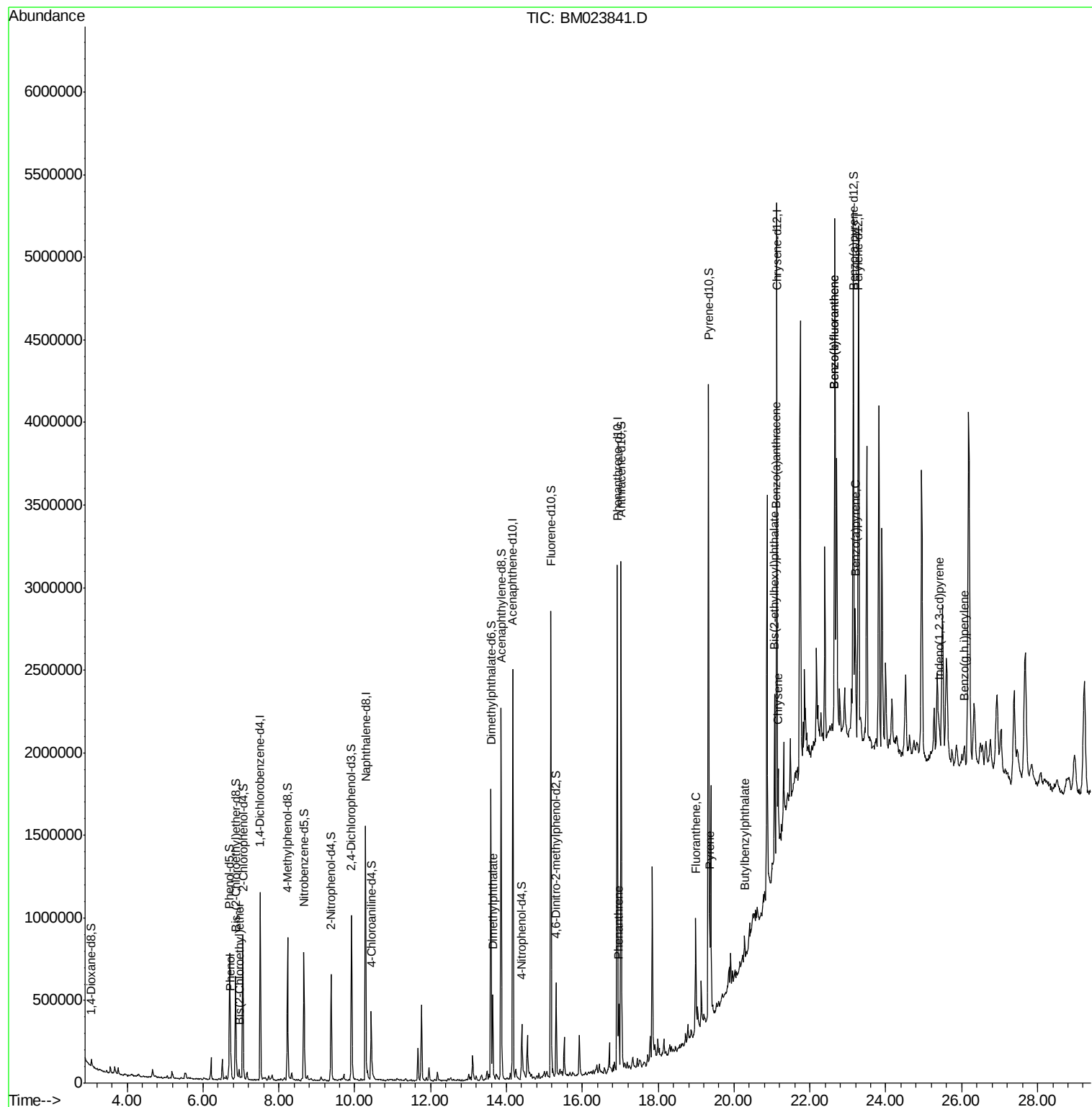
					Ovalue
6) Phenol	6.73	94	91321	3.114	ng/ul 98
8) Bis(2-Chloroethyl)ether	6.95	93	22869	1.018	ng/ul# 29
45) Dimethylphthalate	13.64	163	328982	5.413	ng/ul 100
70) Phenanthrene	16.96	178	217880	2.295	ng/ul 98
77) Fluoranthene	18.99	202	409064	4.021	ng/ul 97
80) Pyrene	19.36	202	352531	3.217	ng/ul 98
81) Butylbenzylphthalate	20.28	149	36621	1.055	ng/ul 93
83) Benzo(a)anthracene	21.11	228	198342	1.774	ng/ul 95
84) Bis(2-ethylhexyl)phthalate	21.06	149	374479	7.146	ng/ul 99
85) Chrysene	21.16	228	216278	2.054	ng/ul 96
88) Benzo(b)fluoranthene	22.64	252	313177	2.335	ng/ul# 92
89) Benzo(k)fluoranthene	22.64	252	313177	2.424	ng/ul# 90
91) Benzo(a)pyrene	23.19	252	202173	1.647	ng/ul# 84
92) Indeno(1,2,3-cd)pyrene	25.42	276	152046	1.158	ng/ul 94
94) Benzo(g,h,i)perylene	26.07	276	156204	1.468	ng/ul 96

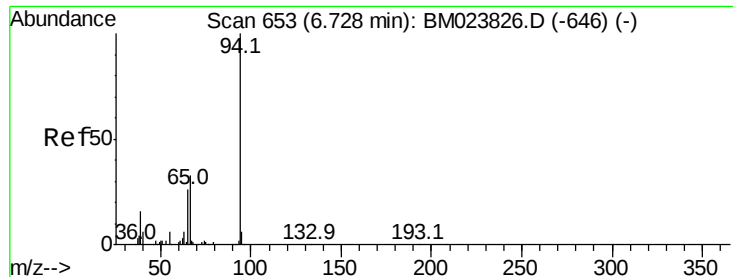
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 21 16:09:32 2019
Response via : Initial Calibration





#6

Phenol

Concen: 3.114 ng/ul

RT: 6.73 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM023841.D

Acq: 21 Nov 2019 22:19

Instrument :

BNA_M

ClientSampleId :

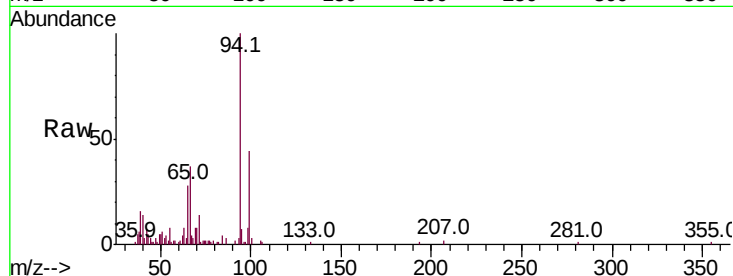
Tot Ion: 94 Resp: 91321

Ion Ratio Lower Upper

94 100

65 28.0 21.4 32.2

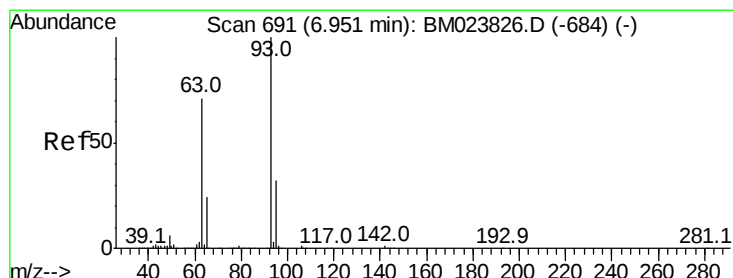
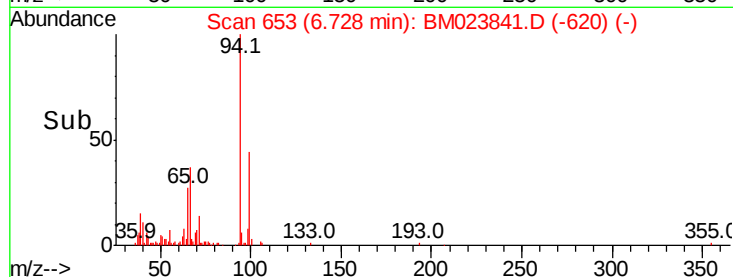
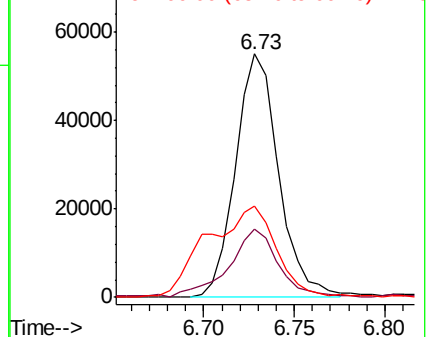
66 37.3 30.7 46.1



Abundance Ion 94.00 (93.70 to 94.70): BM023826.D (-646) (-)

Ion 65.00 (64.70 to 65.70): BM023826.D (-646) (-)

Ion 66.00 (65.70 to 66.70): BM023826.D (-646) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 1.018 ng/ul

RT: 6.95 min Scan# 691

Delta R.T. -0.01 min

Lab File: BM023841.D

Acq: 21 Nov 2019 22:19

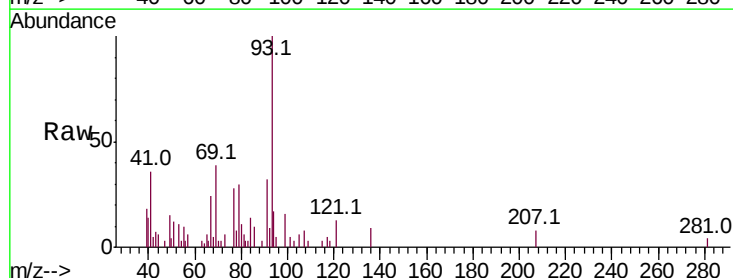
Tgt Ion: 93 Resp: 22869

Ion Ratio Lower Upper

93 100

63 2.7 55.4 83.0#

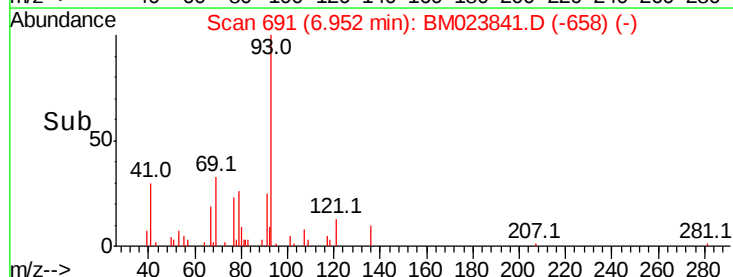
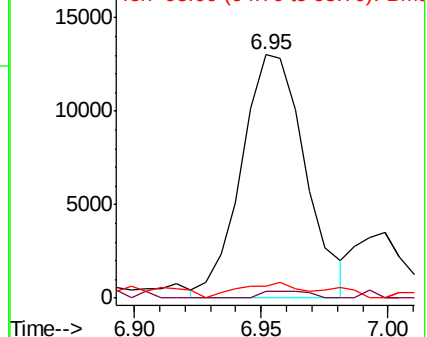
95 4.9 26.2 39.4#

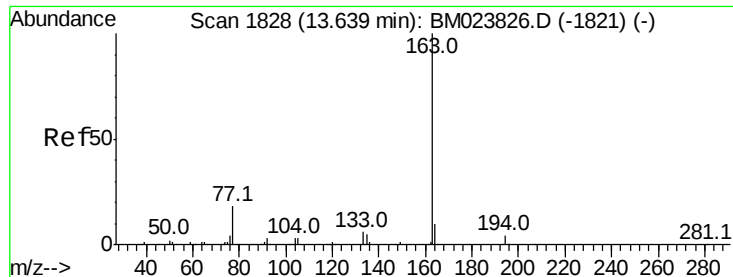


Abundance Ion 93.00 (92.70 to 93.70): BM023826.D (-684) (-)

Ion 63.00 (62.70 to 63.70): BM023826.D (-684) (-)

Ion 95.00 (94.70 to 95.70): BM023826.D (-684) (-)

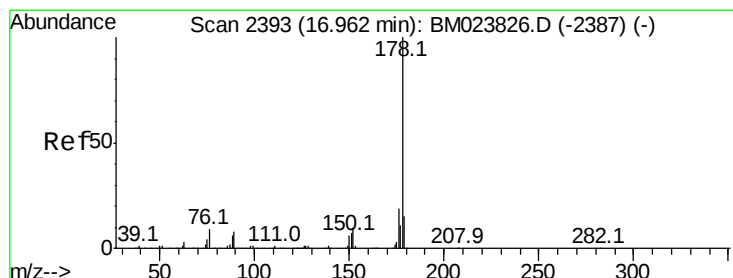
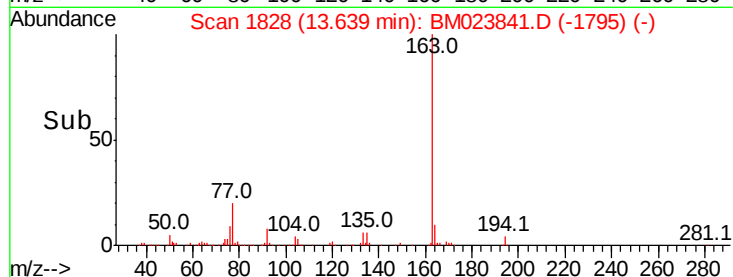
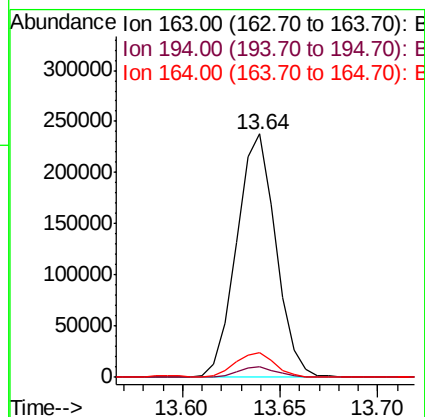
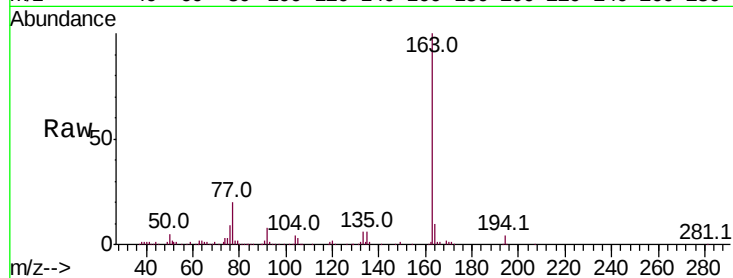




#45
Dimethylphthalate
Concen: 5.413 ng/ul
RT: 13.64 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM023841.D
Acq: 21 Nov 2019 22:19

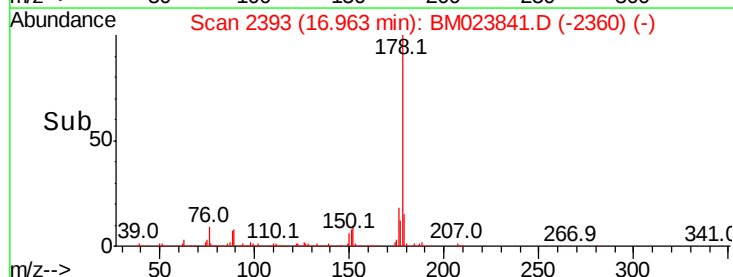
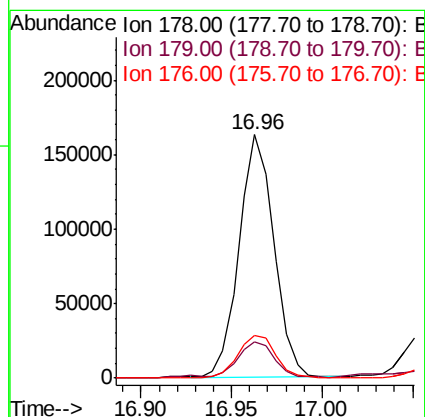
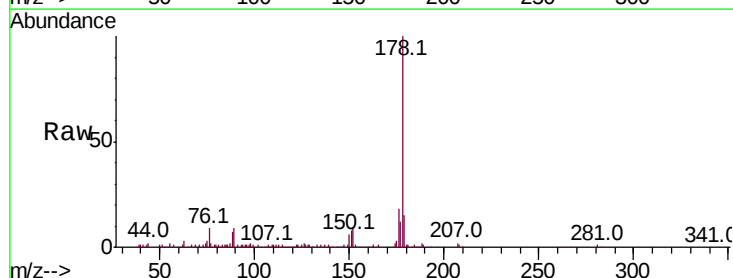
Instrument :
BNA_M
ClientSampleId :

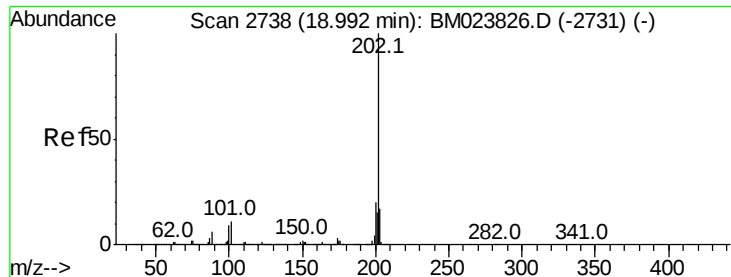
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.0	8.0	12.0



#70
Phenanthrene
Concen: 2.295 ng/ul
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM023841.D
Acq: 21 Nov 2019 22:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	17.8	15.0	22.6

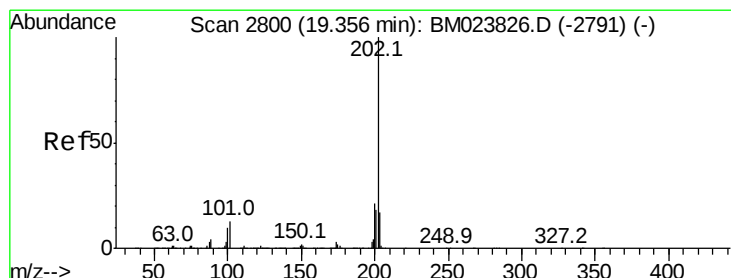
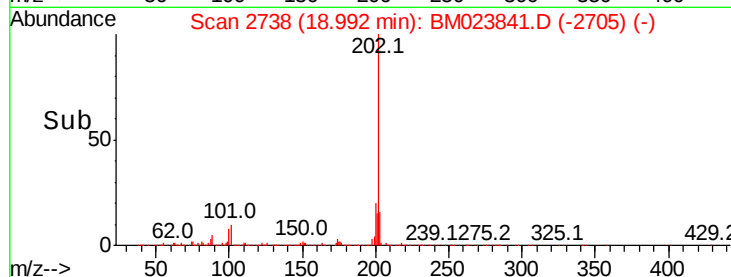
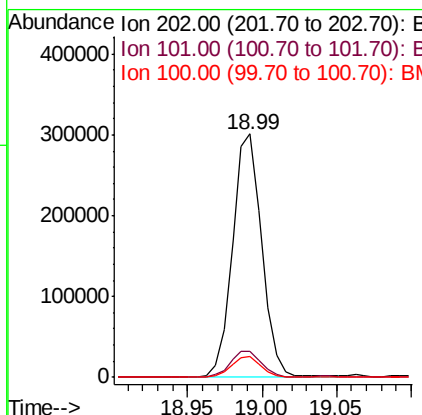
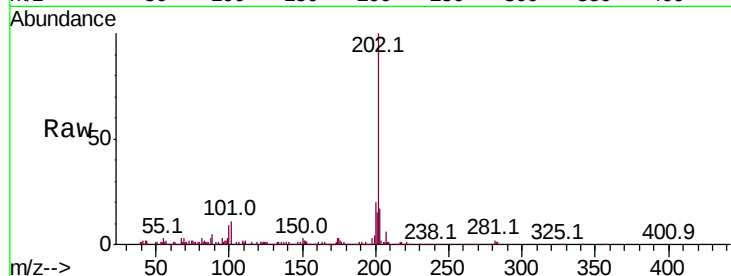




#77
 Fluoranthene
 Concen: 4.021 ng/ul
 RT: 18.99 min Scan# 2738
 Delta R.T. -0.01 min
 Lab File: BM023841.D
 Acq: 21 Nov 2019 22:19

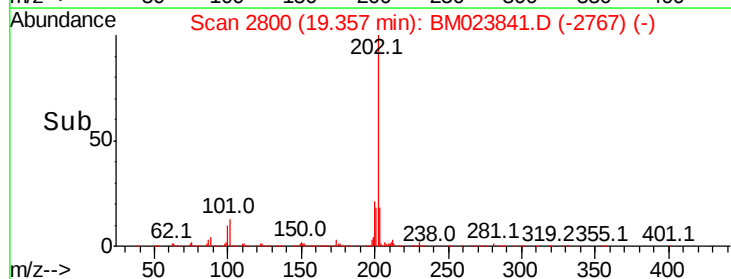
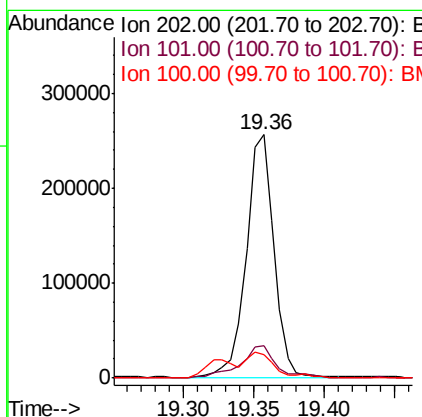
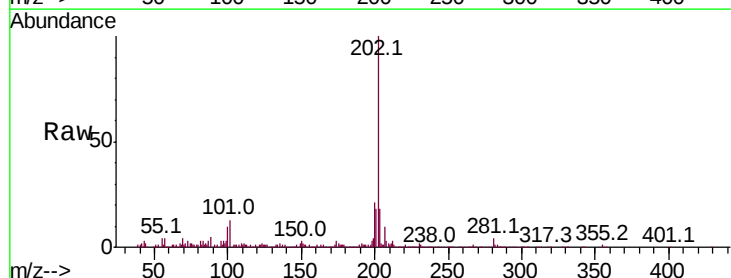
Instrument :
 BNA_M
 ClientSampleId :

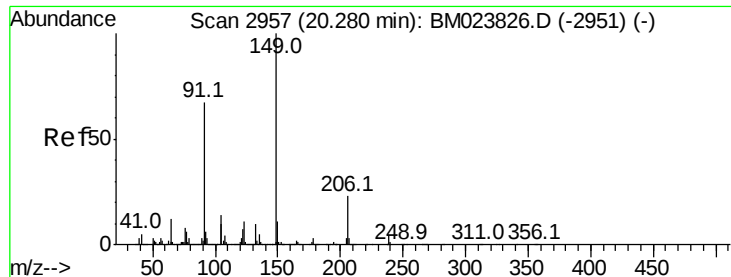
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	7.7	11.5
100	8.6	6.0	9.0



#80
 Pyrene
 Concen: 3.217 ng/ul
 RT: 19.36 min Scan# 2800
 Delta R.T. -0.01 min
 Lab File: BM023841.D
 Acq: 21 Nov 2019 22:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.8	14.6
100	9.8	8.1	12.1

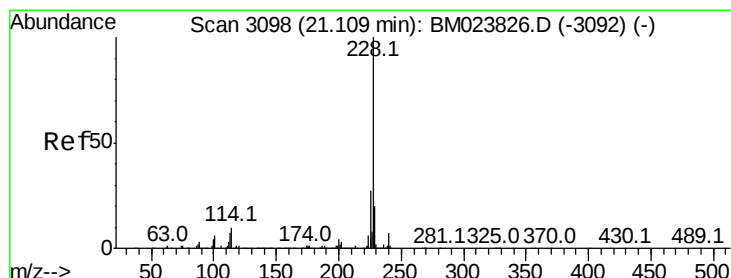
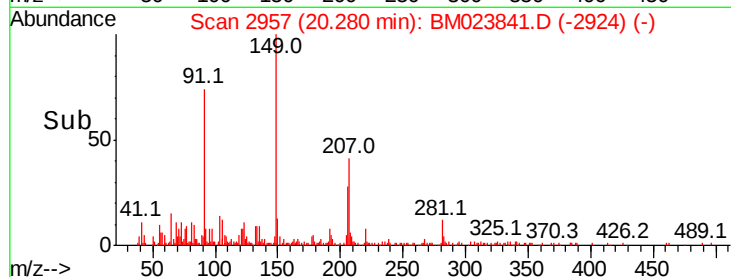
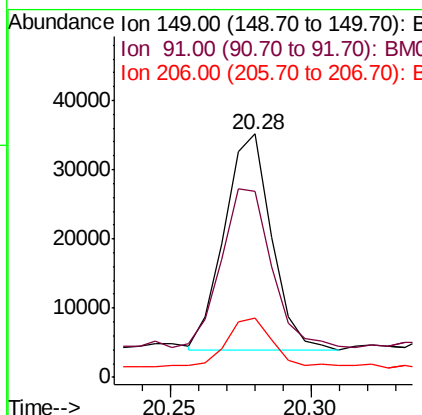
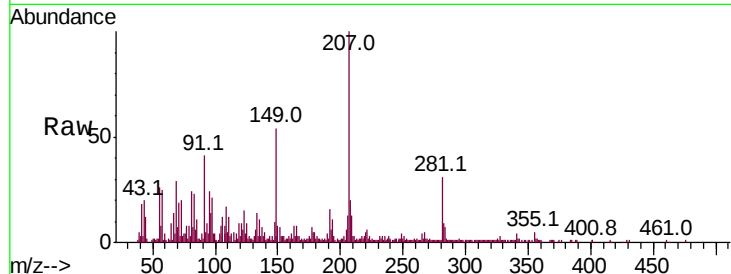




#81
Butylbenzylphthalate
Concen: 1.055 ng/ul
RT: 20.28 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BM023841.D
Acq: 21 Nov 2019 22:19

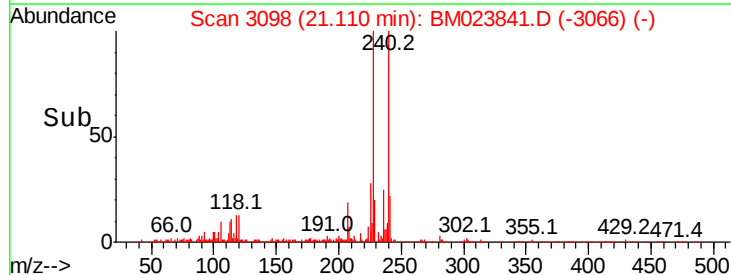
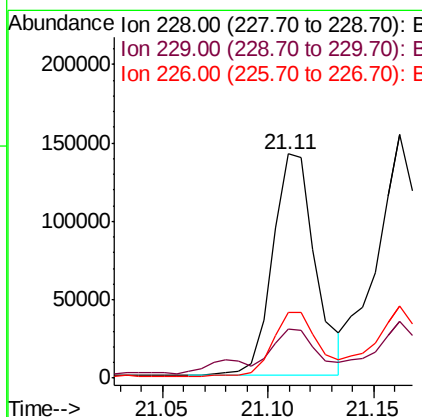
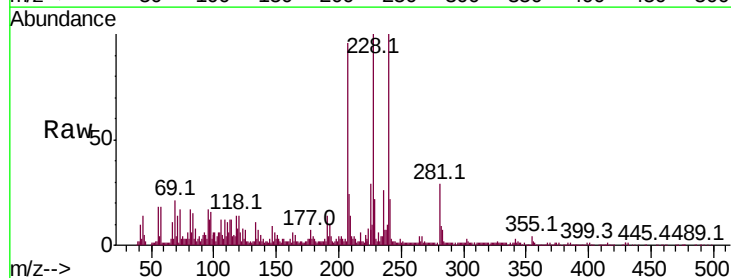
Instrument :
BNA_M
ClientSampleId :

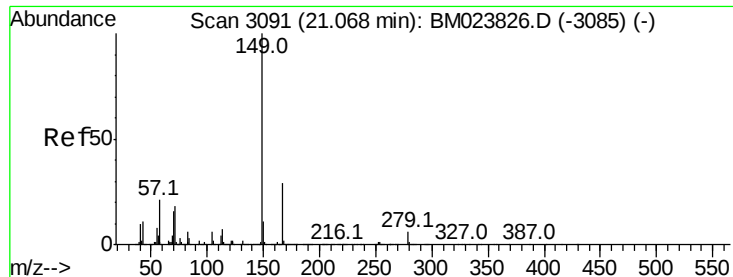
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.2	54.9	82.3
206	24.2	19.3	28.9



#83
Benzo(a)anthracene
Concen: 1.774 ng/ul
RT: 21.11 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM023841.D
Acq: 21 Nov 2019 22:19

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.6	23.4
226	29.2	21.4	32.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 7.146 ng/ul

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM023841.D

Acq: 21 Nov 2019 22:19

Instrument :

BNA_M

ClientSampleId :

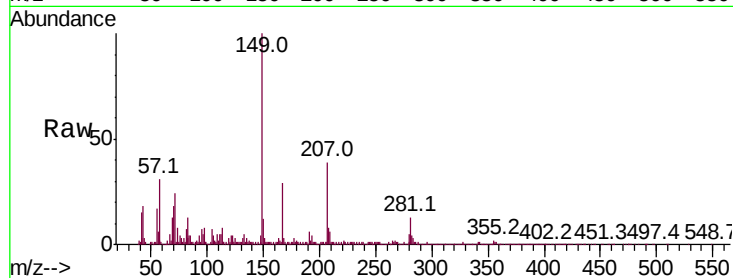
Tot Ion:149 Resp: 374479

Ion Ratio Lower Upper

149 100

167 28.9 23.4 35.2

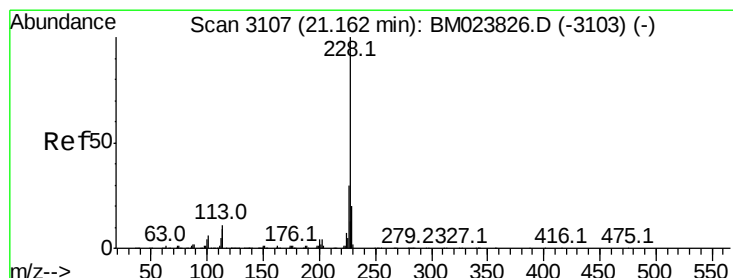
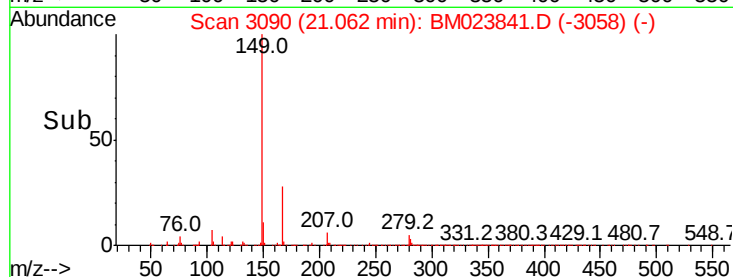
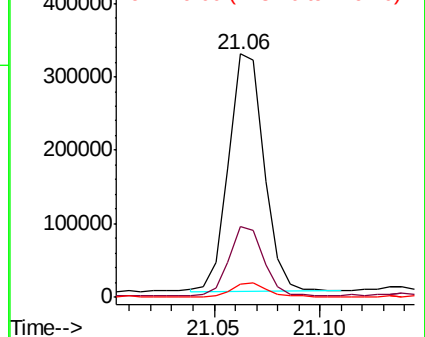
279 5.3 5.0 7.4



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: 2.054 ng/ul

RT: 21.16 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BM023841.D

Acq: 21 Nov 2019 22:19

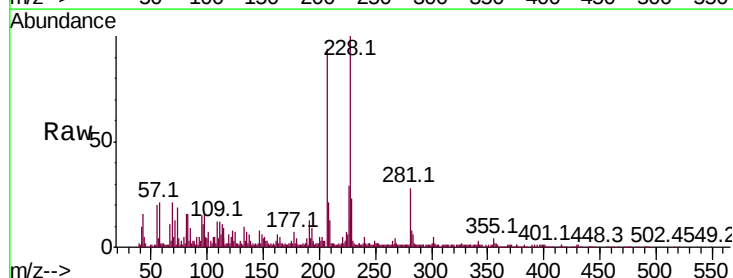
Tgt Ion:228 Resp: 216278

Ion Ratio Lower Upper

228 100

226 29.4 23.8 35.8

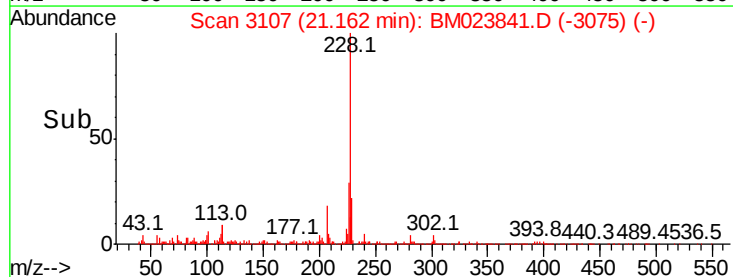
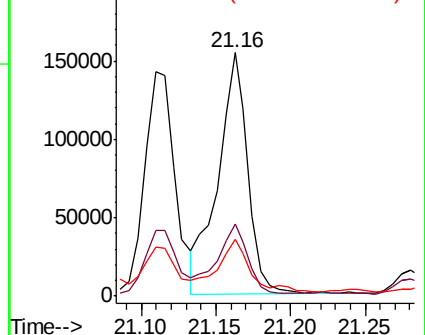
229 23.4 15.8 23.6

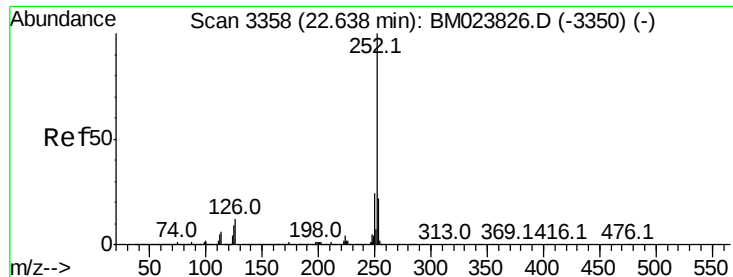


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 2.335 ng/ul

RT: 22.64 min Scan# 3359

Delta R.T. -0.01 min

Lab File: BM023841.D

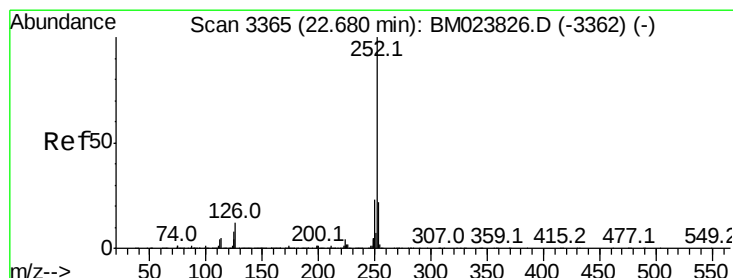
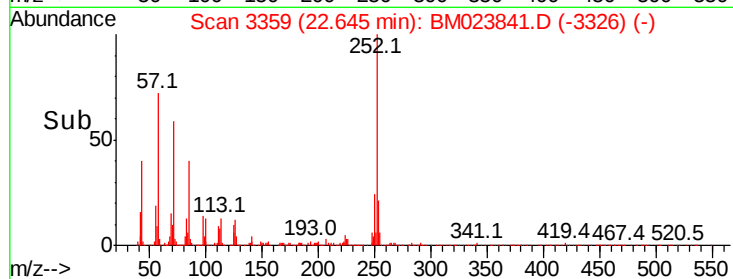
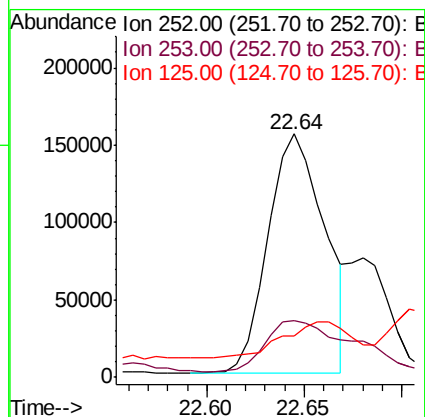
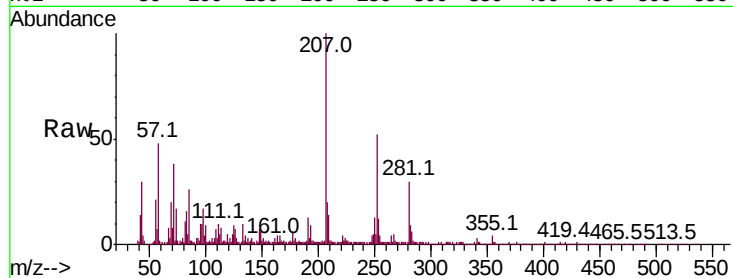
Acq: 21 Nov 2019 22:19

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	313177
Ion Ratio	Lower	Upper
252	100	
253	23.1	17.8 26.8
125	17.2	6.5 9.7#



#89

Benzo(k)fluoranthene

Concen: 2.424 ng/ul

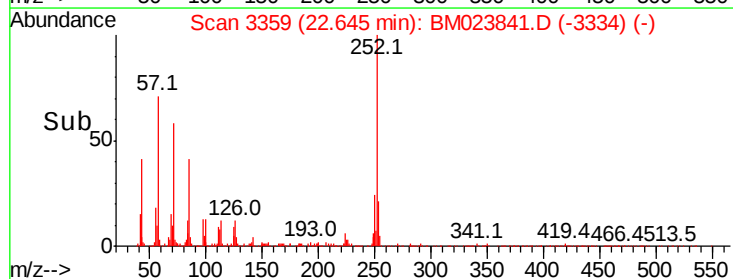
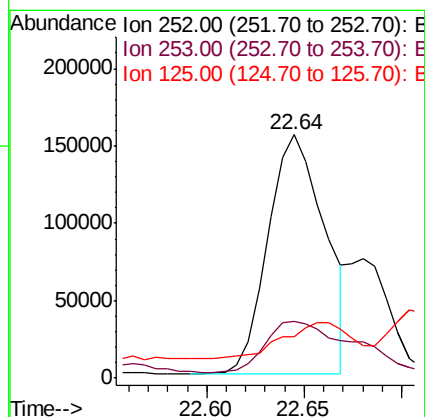
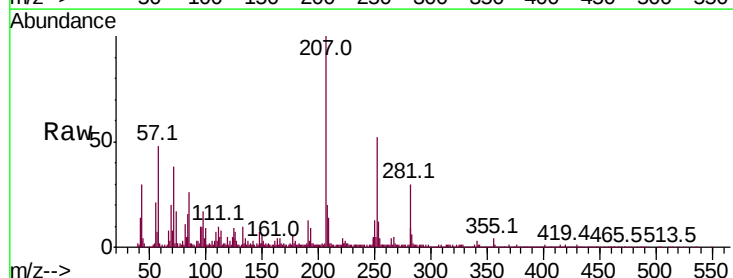
RT: 22.64 min Scan# 3359

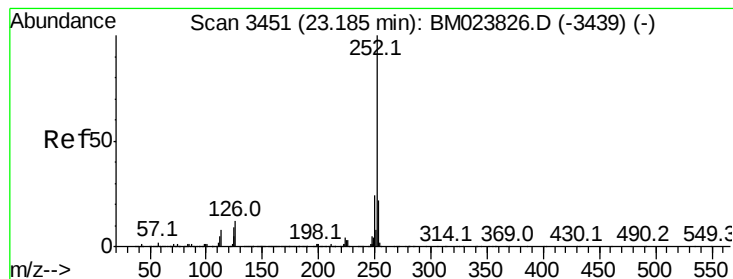
Delta R.T. -0.05 min

Lab File: BM023841.D

Acq: 21 Nov 2019 22:19

Tgt Ion:252	Resp:	313177
Ion Ratio	Lower	Upper
252	100	
253	23.1	17.2 25.8
125	17.2	5.9 8.9#





#91

Benzo(a)pyrene

Concen: 1.647 ng/ul

RT: 23.19 min Scan# 3451

Delta R.T. -0.01 min

Lab File: BM023841.D

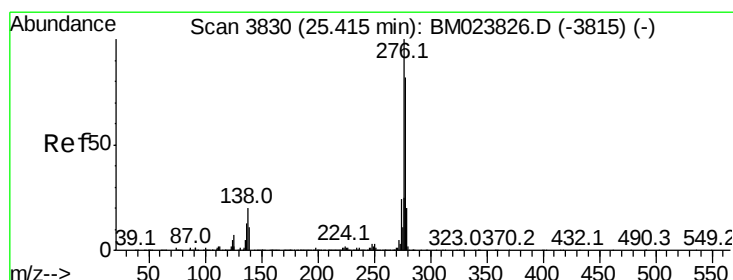
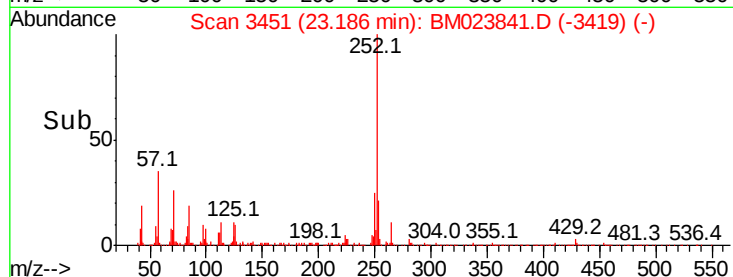
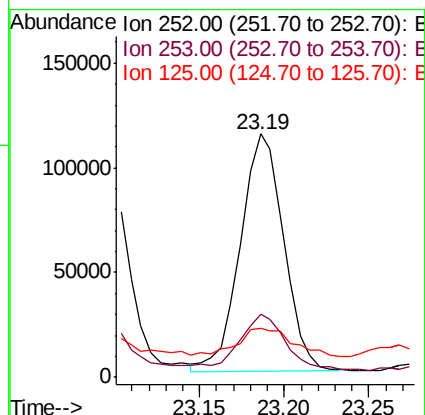
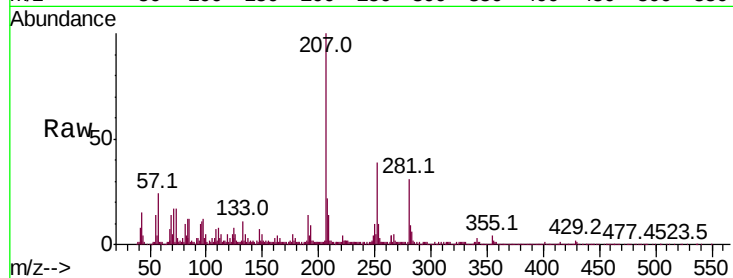
Acq: 21 Nov 2019 22:19

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	202173
Ion Ratio	Lower	Upper	
252	100		
253	25.8	17.3	25.9
125	20.1	6.9	10.3#



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.158 ng/ul

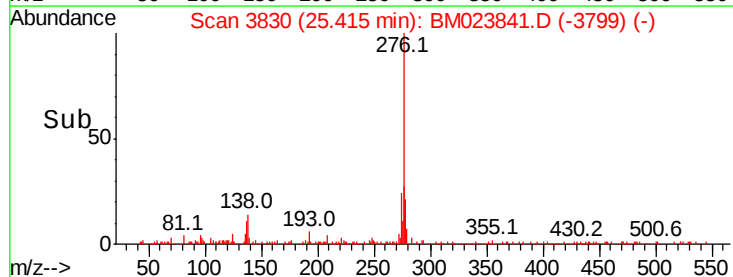
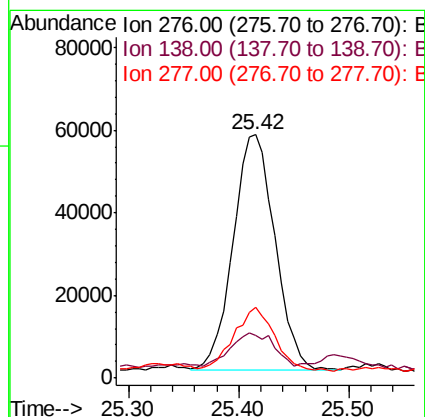
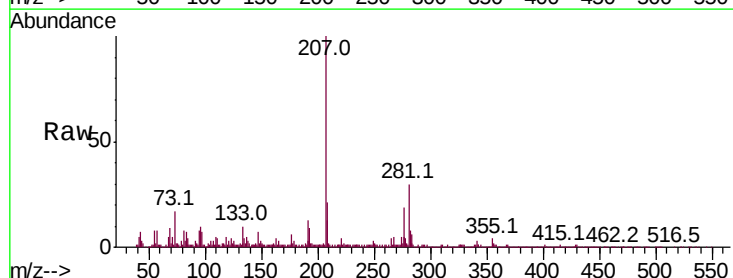
RT: 25.42 min Scan# 3830

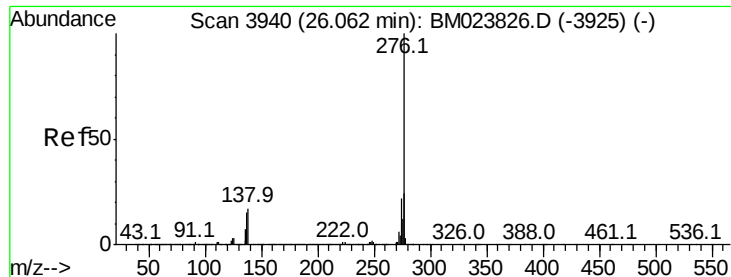
Delta R.T. -0.02 min

Lab File: BM023841.D

Acq: 21 Nov 2019 22:19

Tgt Ion:	276	Resp:	152046
Ion Ratio	Lower	Upper	
276	100		
138	17.6	15.0	22.4
277	29.0	20.0	30.0





#94

Benzo(a,h,i)perylene

Concen: 1.468 ng/ul

RT: 26.07 min Scan# 3941

Delta R.T. -0.02 min

Lab File: BM023841.D

Acq: 21 Nov 2019 22:19

Instrument :

BNA_M

ClientSampleId :

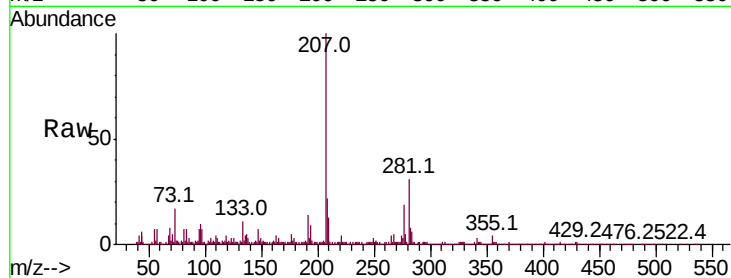
Tot Ion:276 Resp: 156204

Ion Ratio Lower Upper

276 100

138 18.9 13.2 19.8

277 24.8 18.6 28.0



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

