

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
 Data File : BM024076.D
 Acq On : 13 Dec 2019 01:33
 Operator : JU
 Sample : K6089-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 13 04:11:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 07 04:26:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	390691	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	1519493	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.13	164	847489	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.88	188	1635725	20.00	ng/ul	-0.01
78) Chrysene-d12	21.09	240	1531768	20.00	ng/ul	-0.01
86) Perylene-d12	23.23	264	1869806	20.00	ng/ul	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	36292	4.13	ng/uL	0.00
5) Phenol-d5	6.66	99	573342	16.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	379778	19.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	479469	18.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	401860	14.87	ng/ul	-0.01
19) Nitrobenzene-d5	8.62	128	221875	18.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	240268	17.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	440496	17.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	351726	12.63	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	1309628	19.89	ng/ul	-0.01
47) Acenaphthylene-d8	13.82	160	1580859	20.48	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.37	143	112179	10.13	ng/ul	0.00
58) Fluorene-d10	15.13	176	1127404	20.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	138482	13.49	ng/ul	0.00
71) Anthracene-d10	16.98	188	1614514	20.67	ng/ul	-0.01
79) Pyrene-d10	19.29	212	1748419	22.09	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.09	264	2136955	21.62	ng/ul	-0.02

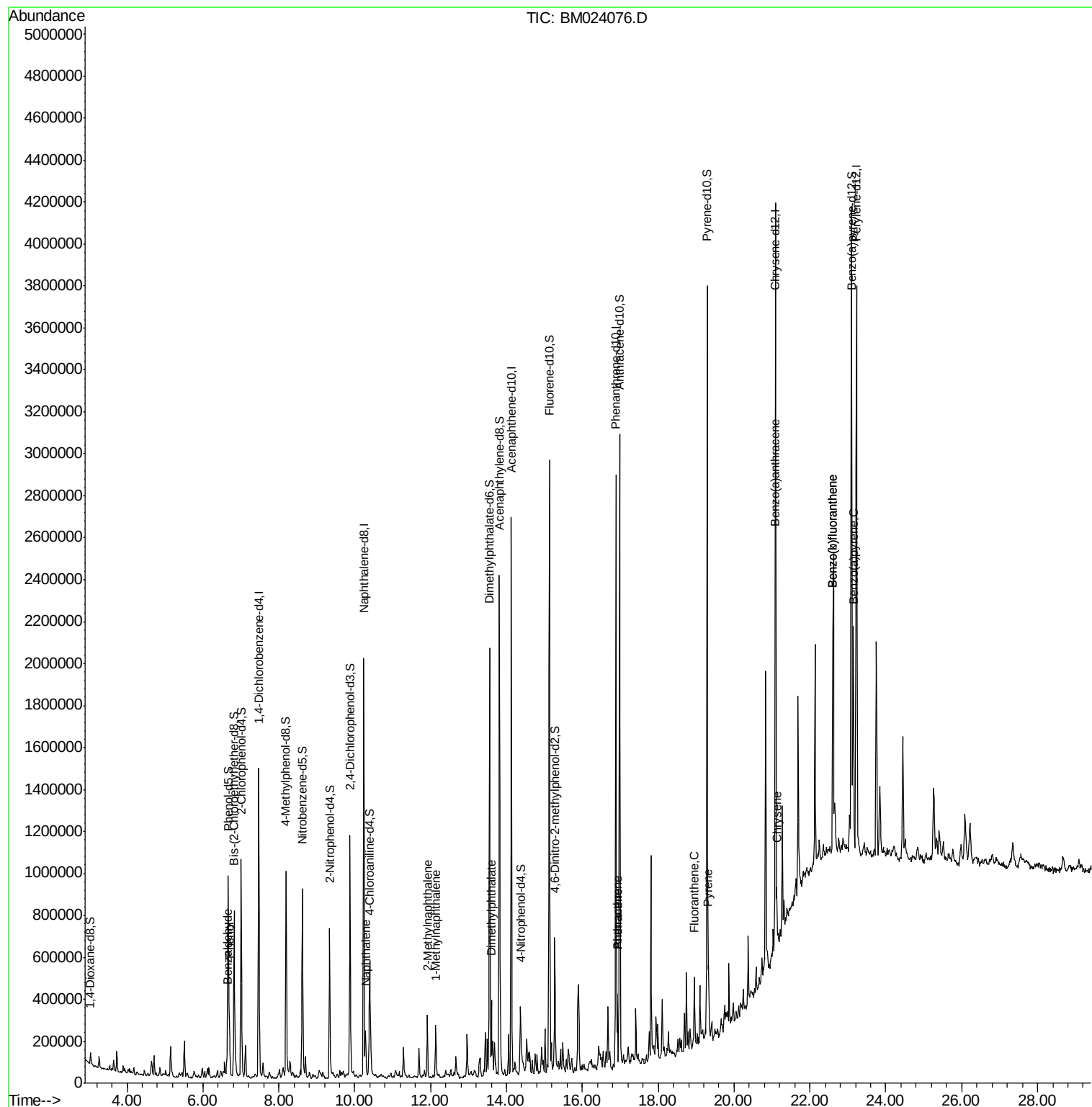
Target Compounds				Ovalue		
4) Benzaldehyde	6.64	77	20266	1.124	ng/ul#	69
6) Phenol	6.69	94	150751	4.280	ng/ul	95
28) Naphthalene	10.29	128	171008	2.135	ng/ul	99
34) 2-Methylnaphthalene	11.92	142	147627	2.538	ng/ul	96
35) 1-Methylnaphthalene	12.14	142	117924	2.065	ng/ul	97
45) Dimethylphthalate	13.60	163	218893	3.396	ng/ul	99
70) Phenanthrene	16.93	178	191223	2.069	ng/ul	97
72) Anthracene	16.93	178	193783	2.066	ng/ul	97
77) Fluoranthene	18.95	202	166313	1.678	ng/ul	99
80) Pyrene	19.32	202	170049	1.648	ng/ul	97
83) Benzo(a)anthracene	21.07	228	123746	1.209	ng/ul#	91
85) Chrysene	21.13	228	159113	1.655	ng/ul#	92
88) Benzo(b)fluoranthene	22.60	252	250406	2.166	ng/ul#	93
89) Benzo(k)fluoranthene	22.60	252	250406	2.281	ng/ul#	93
91) Benzo(a)pyrene	23.13	252	136696	1.250	ng/ul#	93

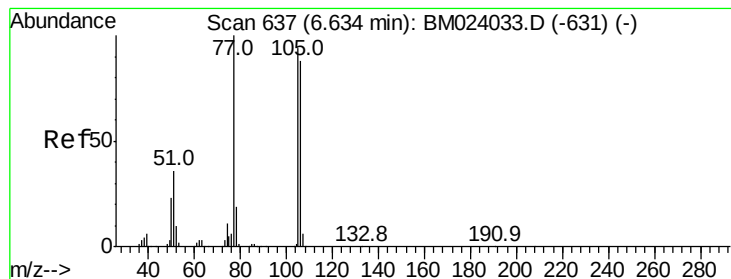
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 07 04:26:57 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.124 ng/ul

RT: 6.64 min Scan# 638

Delta R.T. 0.01 min

Lab File: BM024076.D

Acq: 13 Dec 2019 01:33

Instrument :

BNA_M

ClientSampled :

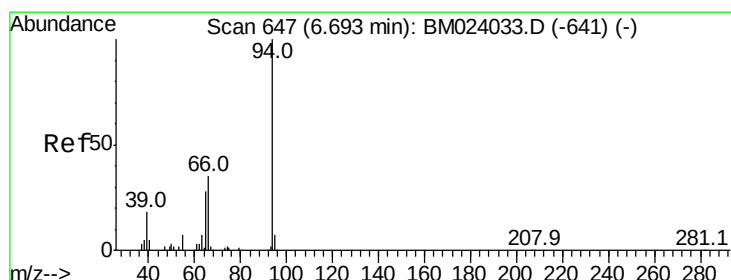
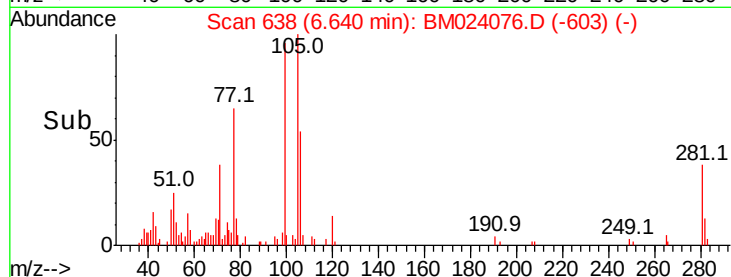
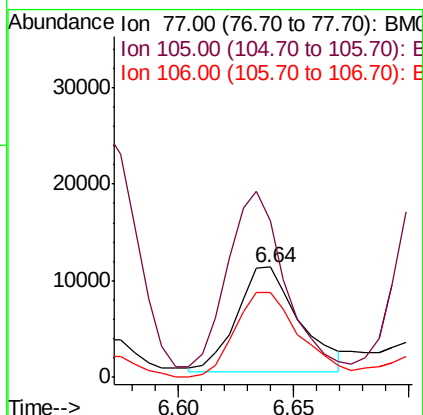
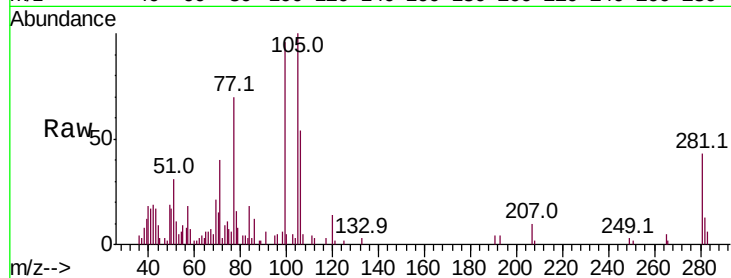
Tot Ion: 77 Resp: 20266

Ion Ratio Lower Upper

77 100

105 142.5 78.1 117.1#

106 77.5 73.8 110.6



#6

Phenol

Concen: 4.280 ng/ul

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM024076.D

Acq: 13 Dec 2019 01:33

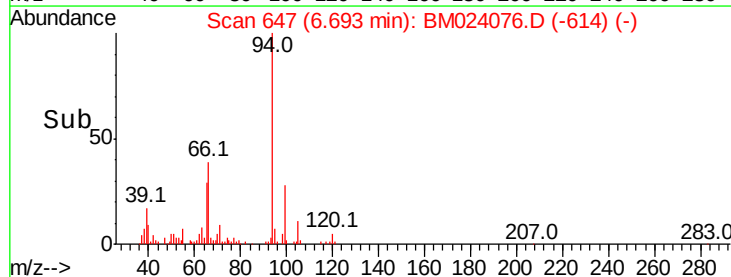
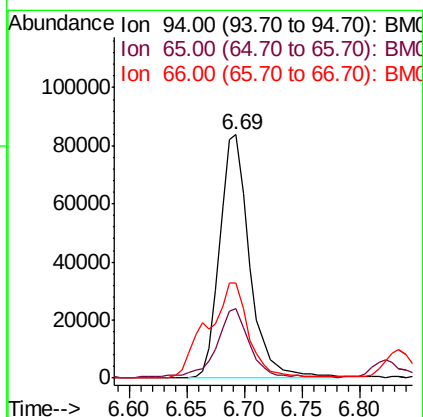
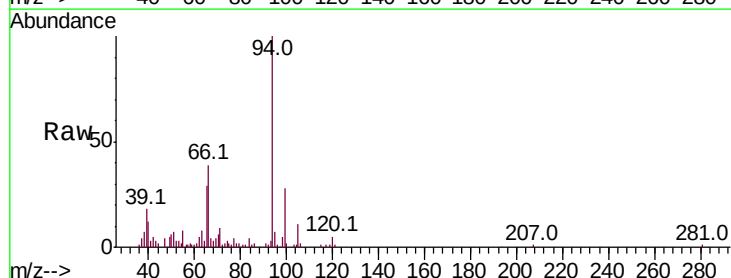
Tgt Ion: 94 Resp: 150751

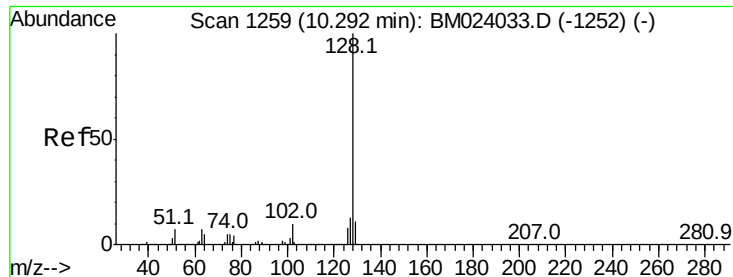
Ion Ratio Lower Upper

94 100

65 28.8 21.7 32.5

66 39.2 28.8 43.2





#28

Naphthalene

Concen: 2.135 ng/ul

RT: 10.29 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BM024076.D

Acq: 13 Dec 2019 01:33

Instrument :

BNA_M

ClientSampleId :

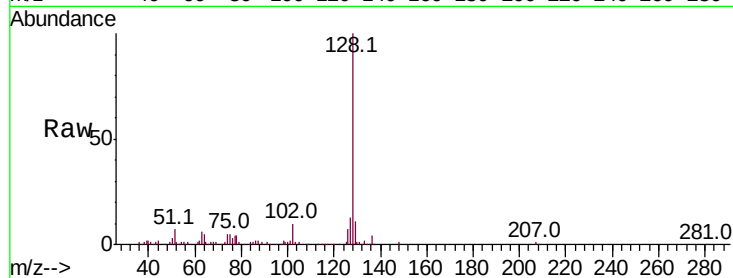
Tot Ion:128 Resp: 171008

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

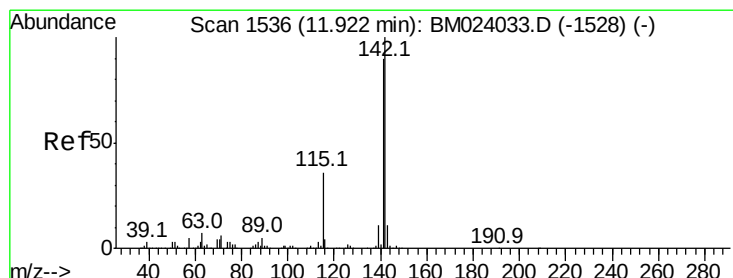
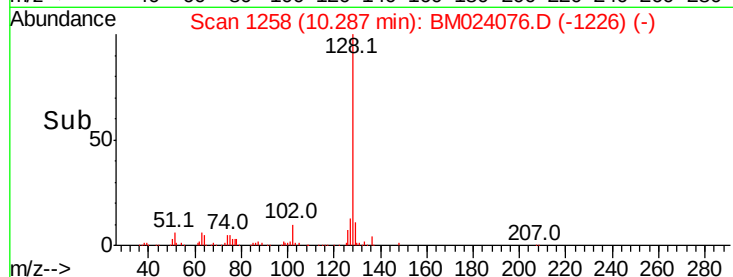
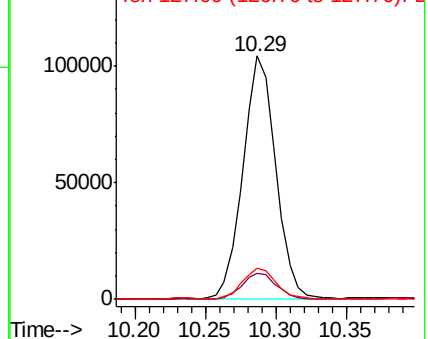
127 12.6 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 2.538 ng/ul

RT: 11.92 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BM024076.D

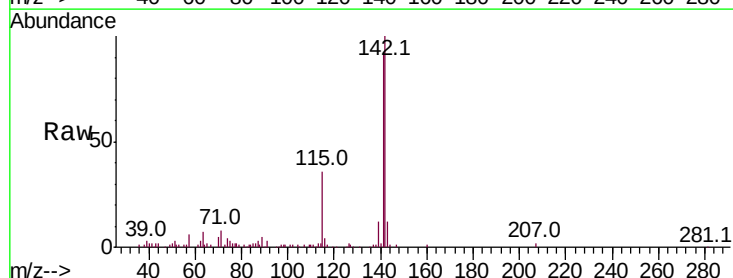
Acq: 13 Dec 2019 01:33

Tgt Ion:142 Resp: 147627

Ion Ratio Lower Upper

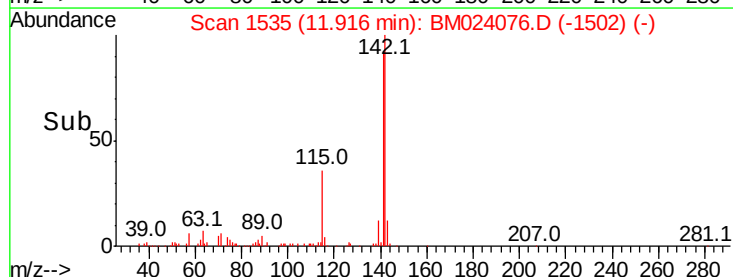
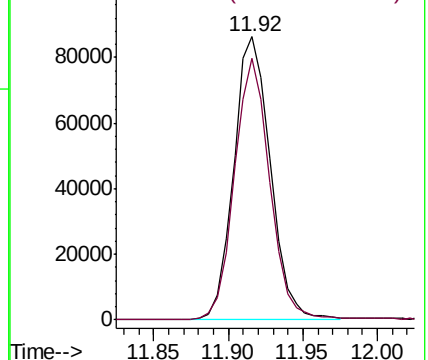
142 100

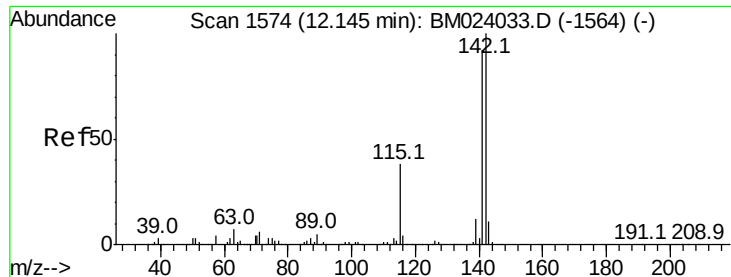
141 92.5 71.3 106.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#35

1-Methylnaphthalene

Concen: 2.065 ng/ul

RT: 12.14 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BM024076.D

Acq: 13 Dec 2019 01:33

Instrument :

BNA_M

ClientSampleId :

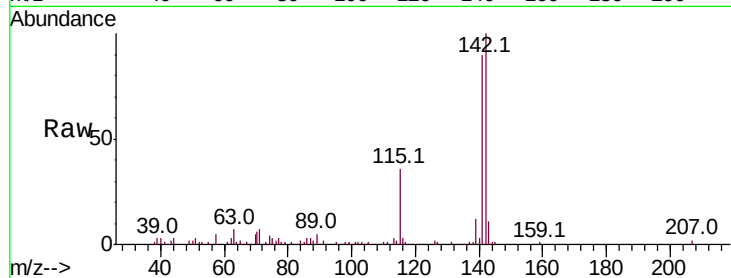
Tot Ion:142 Resp: 117924

Ion Ratio Lower Upper

142 100

141 90.2 74.2 111.4

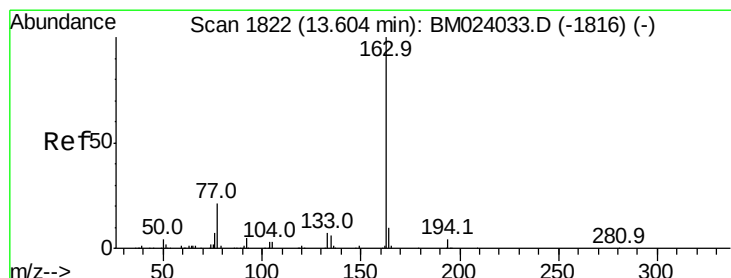
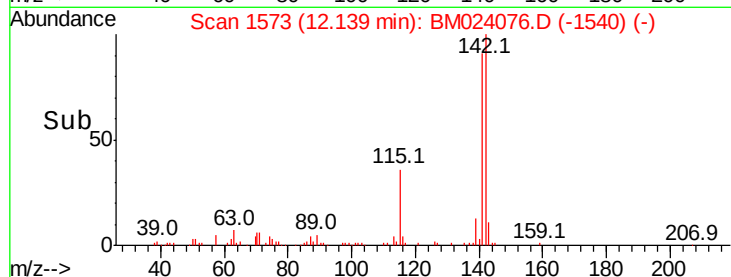
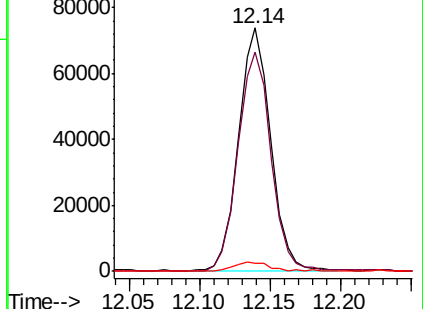
116 3.4 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#45

Dimethylphthalate

Concen: 3.396 ng/ul

RT: 13.60 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BM024076.D

Acq: 13 Dec 2019 01:33

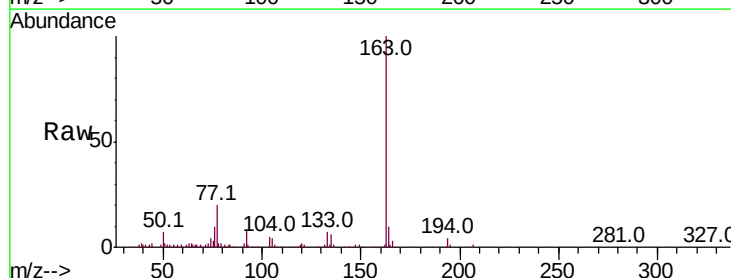
Tgt Ion:163 Resp: 218893

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

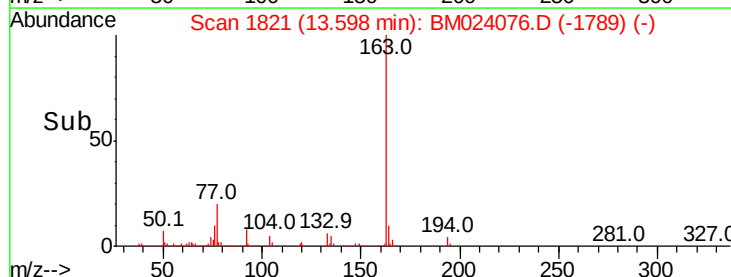
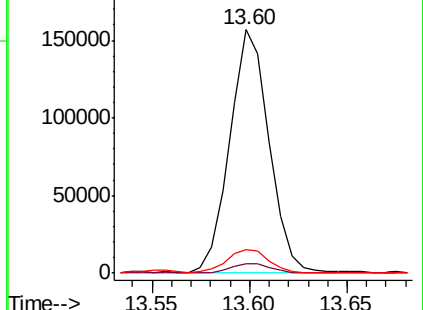
164 9.8 7.9 11.9

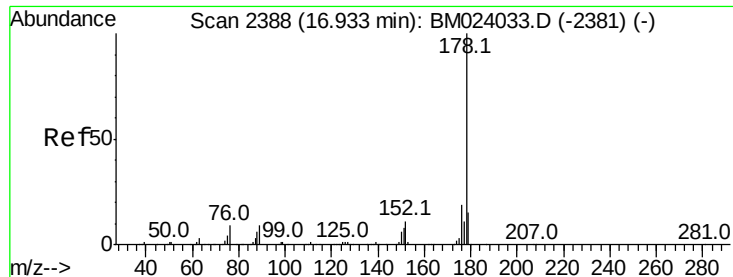


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 2.069 ng/ul

RT: 16.93 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM024076.D

Acq: 13 Dec 2019 01:33

Instrument :

BNA_M

ClientSampleId :

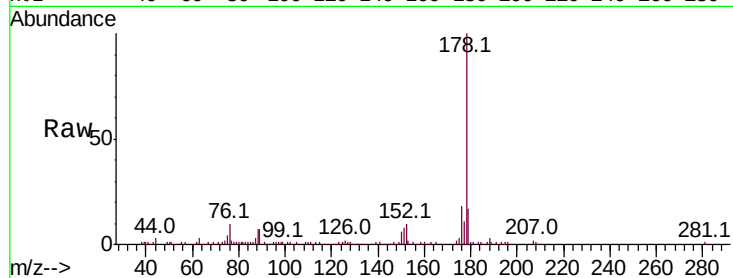
Tot Ion:178 Resp: 191223

Ion Ratio Lower Upper

178 100

179 16.6 12.0 18.0

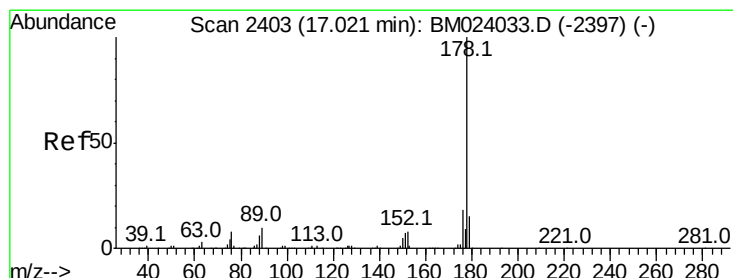
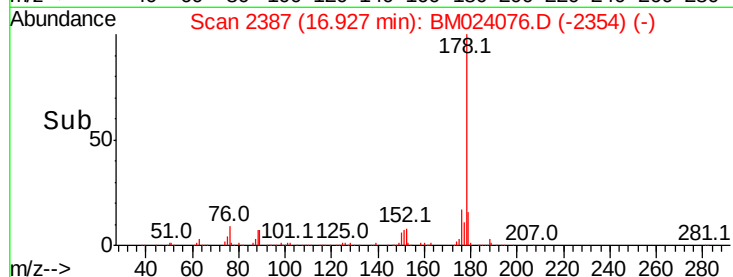
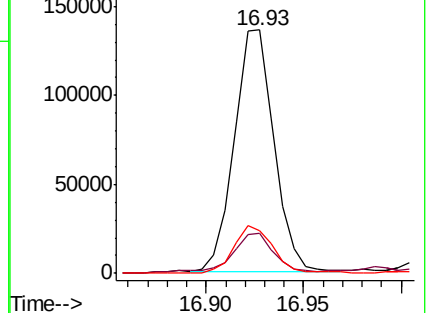
176 17.5 15.1 22.7



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



#72

Anthracene

Concen: 2.066 ng/ul

RT: 16.93 min Scan# 2387

Delta R.T. -0.10 min

Lab File: BM024076.D

Acq: 13 Dec 2019 01:33

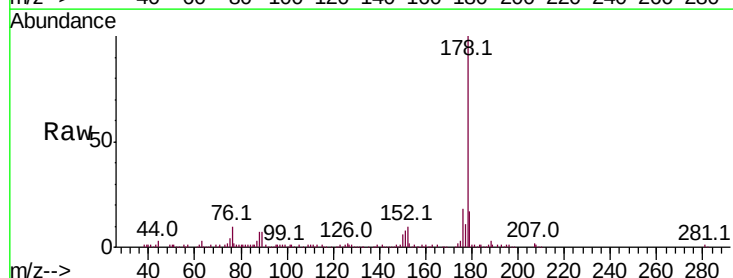
Tgt Ion:178 Resp: 193783

Ion Ratio Lower Upper

178 100

179 16.6 11.9 17.9

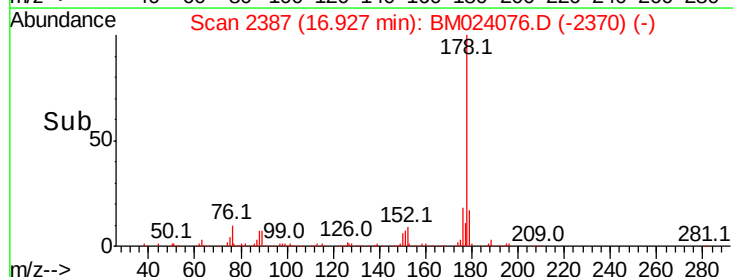
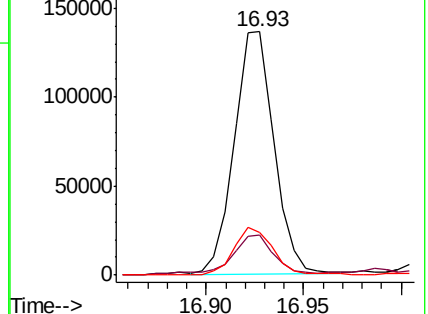
176 17.5 14.7 22.1

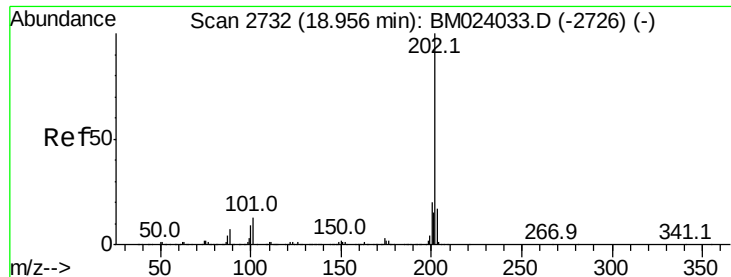


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

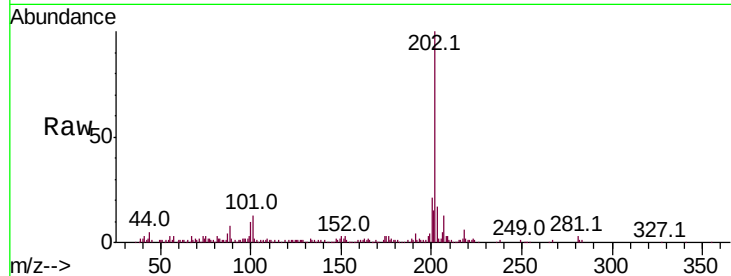




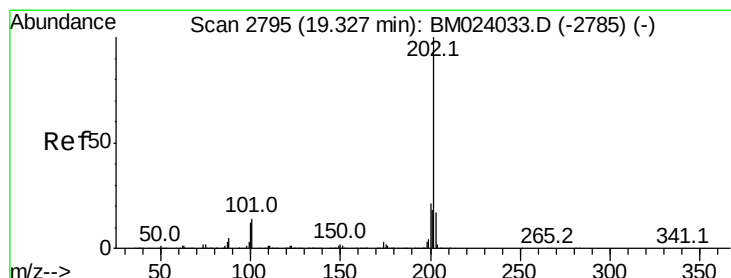
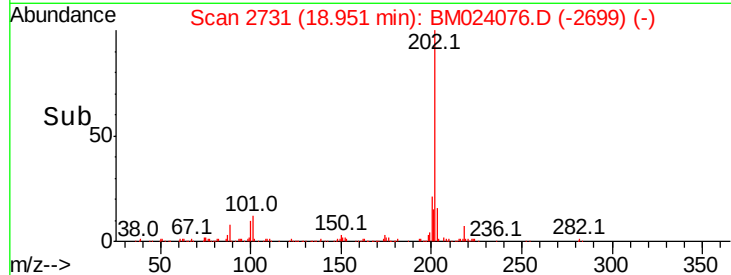
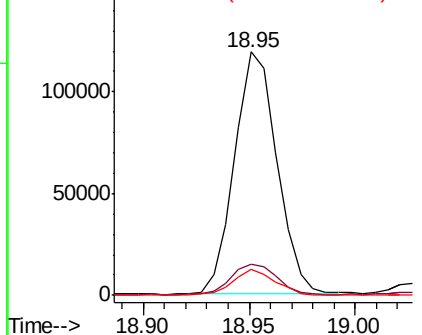
#77
Fluoranthene
Concen: 1.678 ng/ul
RT: 18.95 min Scan# 2731
Delta R.T. -0.01 min
Lab File: BM024076.D
Acq: 13 Dec 2019 01:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.1	15.1
100	10.5	7.8	11.6

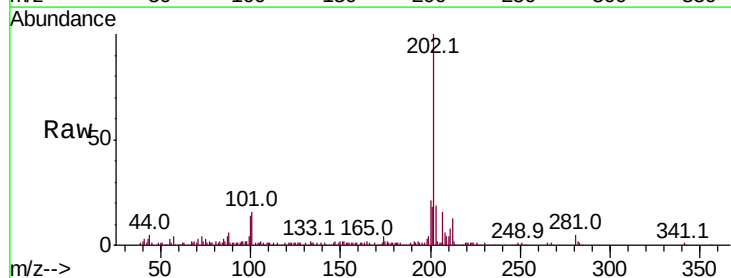


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

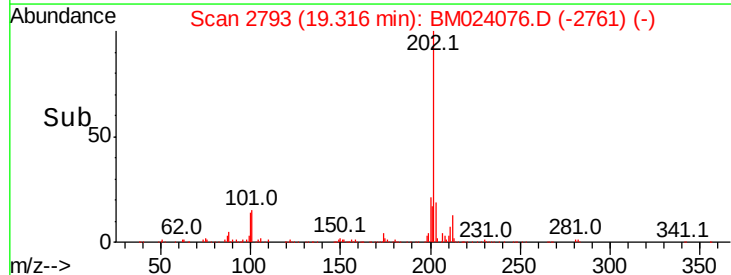
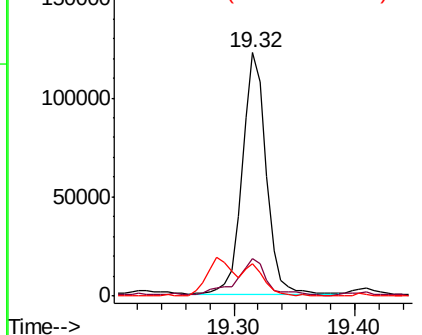


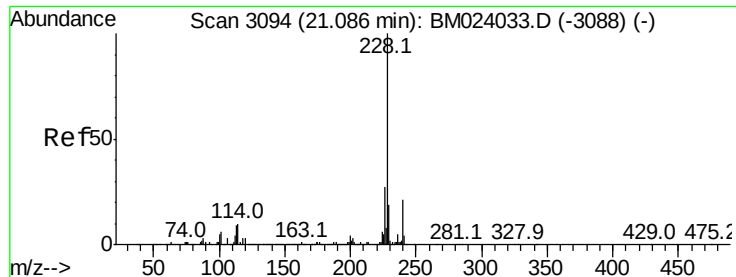
#80
Pyrene
Concen: 1.648 ng/ul
RT: 19.32 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BM024076.D
Acq: 13 Dec 2019 01:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.6	11.8	17.6
100	13.6	9.8	14.6



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

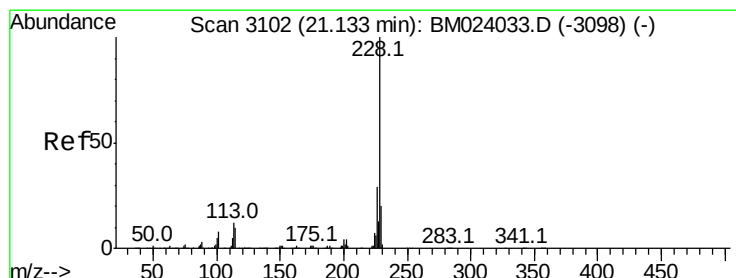
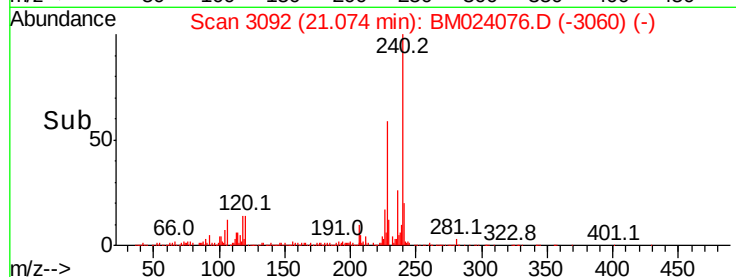
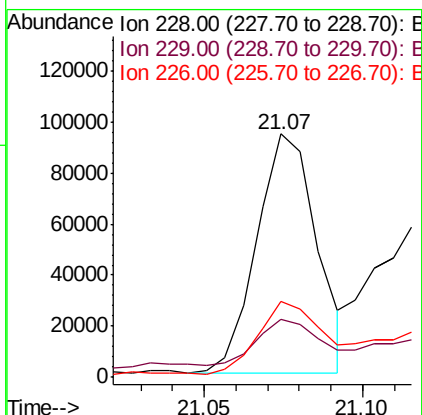
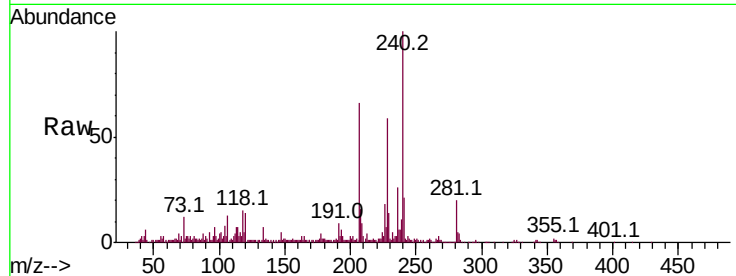




#83
Benzo(a)anthracene
Concen: 1.209 ng/ul
RT: 21.07 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM024076.D
Acq: 13 Dec 2019 01:33

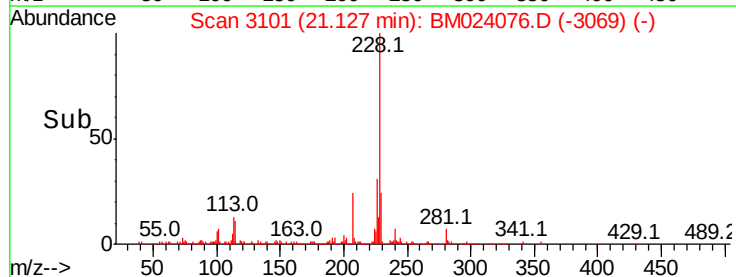
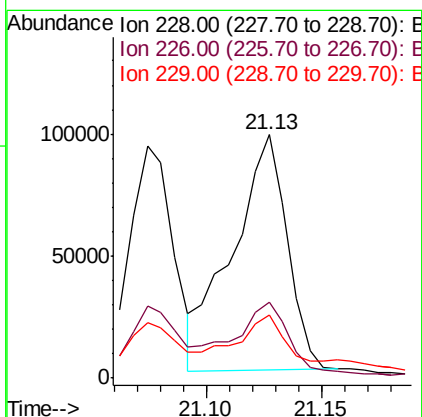
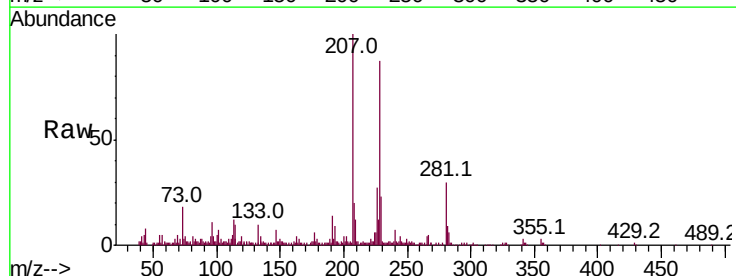
Instrument :
BNA_M
ClientSampleId :

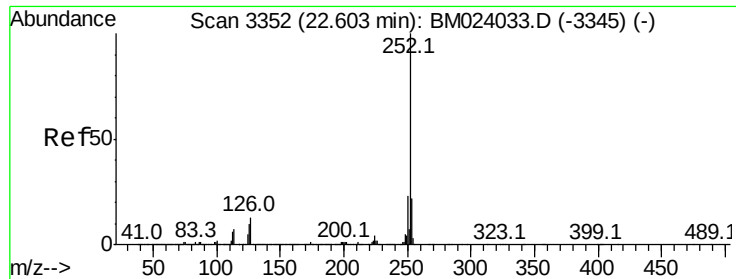
Tot Ion	Ratio	Lower	Upper
228	100		
229	23.9	15.6	23.4#
226	31.1	21.4	32.0



#85
Chrysene
Concen: 1.655 ng/ul
RT: 21.13 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM024076.D
Acq: 13 Dec 2019 01:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.2
229	25.8	15.3	22.9#





#88

Benzo(b)fluoranthene

Concen: 2.166 ng/ul

RT: 22.60 min Scan# 3351

Delta R.T. -0.01 min

Lab File: BM024076.D

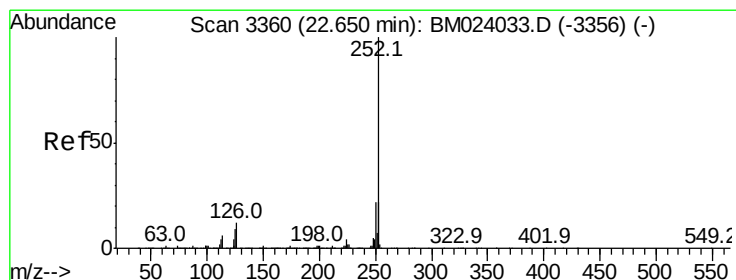
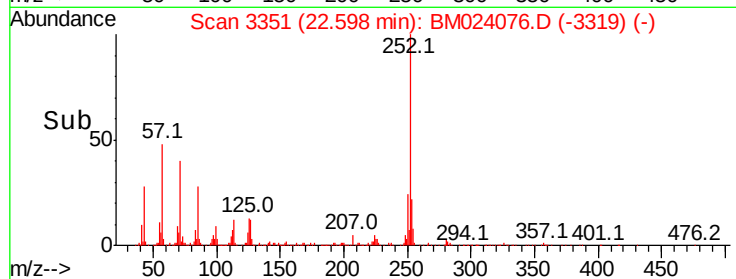
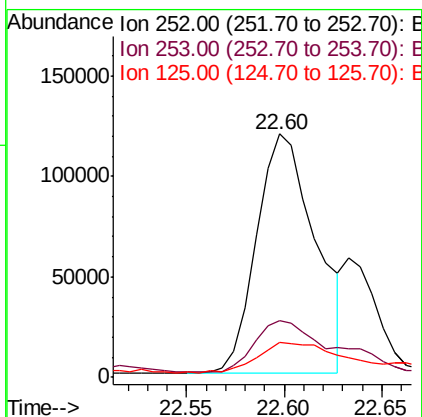
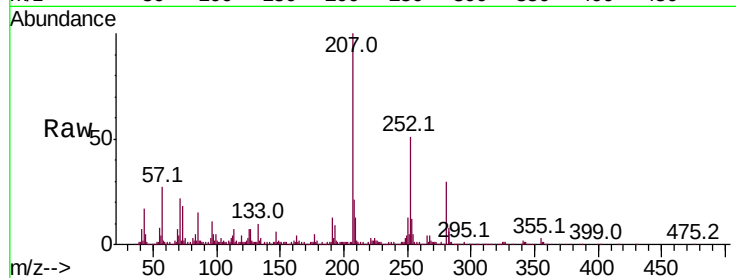
Acq: 13 Dec 2019 01:33

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	250406
Ion Ratio	Lower	Upper
252	100	
253	23.2	17.4 26.0
125	14.5	7.4 11.2#



#89

Benzo(k)fluoranthene

Concen: 2.281 ng/ul

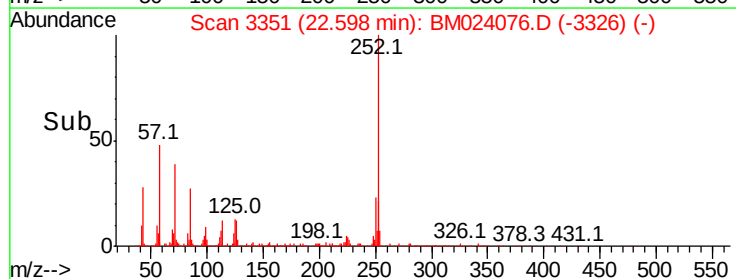
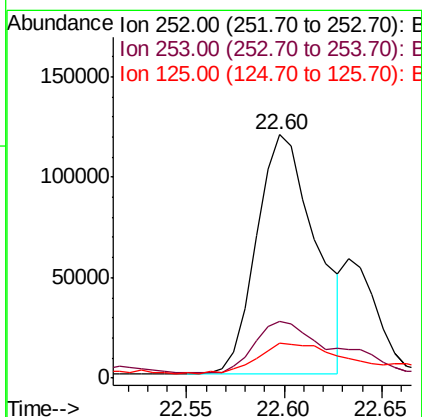
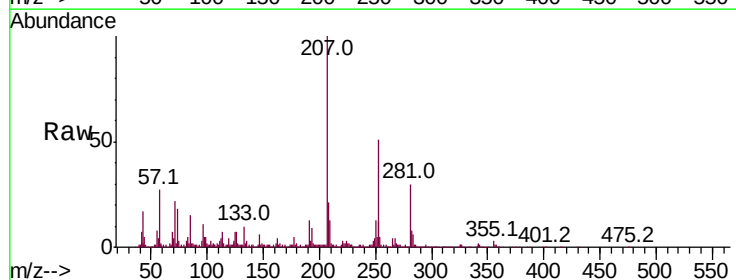
RT: 22.60 min Scan# 3351

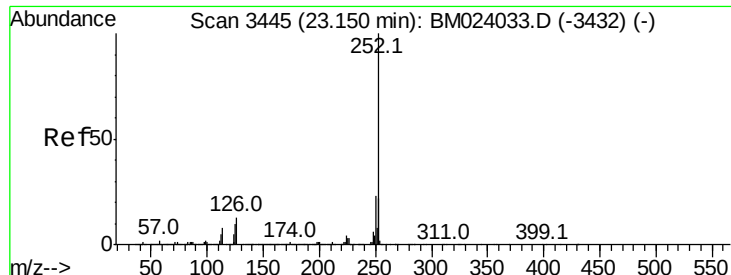
Delta R.T. -0.05 min

Lab File: BM024076.D

Acq: 13 Dec 2019 01:33

Tgt Ion:252	Resp:	250406
Ion Ratio	Lower	Upper
252	100	
253	23.2	17.2 25.8
125	14.5	7.0 10.4#





#91

Benzo(a)pyrene

Concen: 1.250 ng/ul

RT: 23.13 min Scan# 3442

Delta R.T. -0.02 min

Lab File: BM024076.D

Acq: 13 Dec 2019 01:33

Instrument :

BNA_M

ClientSampleId :

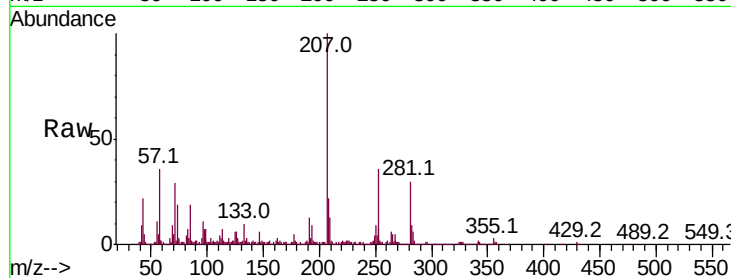
Tot Ion:252 Resp: 136696

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

125 15.8 7.8 11.6#



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

