

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
 Data File : BM024051.D
 Acq On : 12 Dec 2019 10:36
 Operator : JU
 Sample : K6088-10
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 13 00:59:05 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	7.48	152	54170	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	237674	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.13	164	154173	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	335428	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	252354	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	268356	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	21985	18.06	ng/uL	0.00
5) Phenol-d5	6.66	99	385373	81.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	307943	111.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	336958	91.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	288977	77.14	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	172497	93.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	156574	74.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	309193	77.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	173902	39.91	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1203897	100.50	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1472980	104.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	31468	15.62	ng/ul	0.02
58) Fluorene-d10	15.13	176	1125428	111.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	92806	44.07	ng/ul	0.00
71) Anthracene-d10	16.99	188	1713462	106.96	ng/ul	0.00
79) Pyrene-d10	19.29	212	1840730	141.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	1652802	116.52	ng/ul	-0.01

Target Compounds

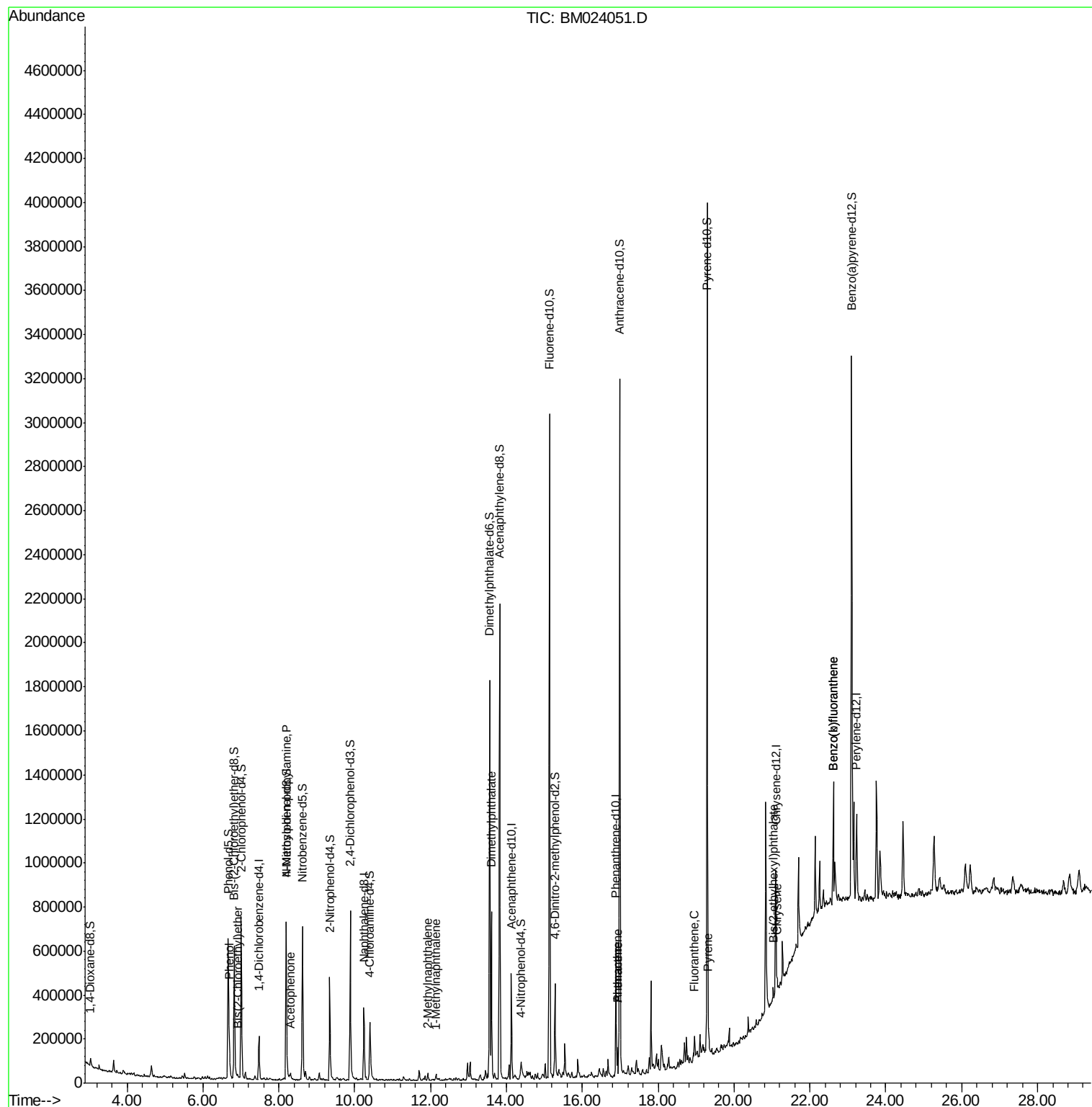
					Ovalue	
6) Phenol	6.69	94	97494	19.962	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.91	93	6058	1.595	ng/ul#	33
14) Acetophenone	8.31	105	15176	2.650	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.19	70	8205	2.680	ng/ul#	1
34) 2-Methylnaphthalene	11.93	142	17743	1.950	ng/ul	96
35) 1-Methylnaphthalene	12.15	142	11496	1.287	ng/ul#	96
45) Dimethylphthalate	13.60	163	501589	42.774	ng/ul	99
70) Phenanthrene	16.93	178	73033	3.854	ng/ul	97
72) Anthracene	16.93	178	73033	3.796	ng/ul	97
77) Fluoranthene	18.96	202	50721	2.496	ng/ul	96
80) Pyrene	19.32	202	45391	2.670	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.03	149	15754	1.467	ng/ul	98
85) Chrysene	21.13	228	32714	2.065	ng/ul#	92
88) Benzo(b)fluoranthene	22.60	252	31929	1.924	ng/ul#	65
89) Benzo(k)fluoranthene	22.60	252	31929	2.027	ng/ul#	64

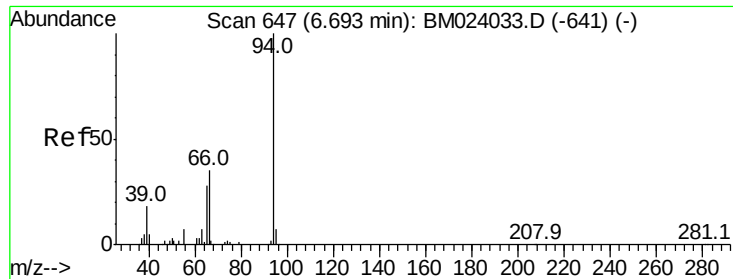
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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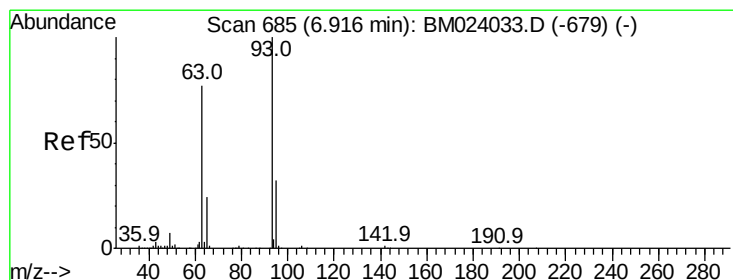
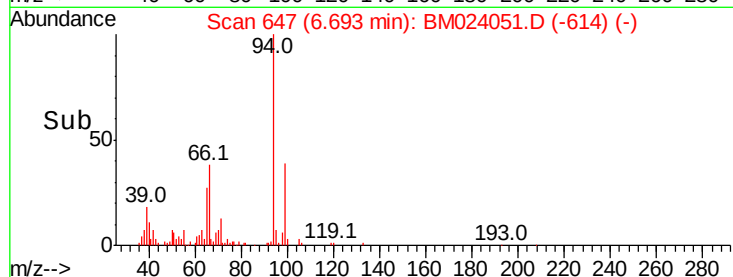
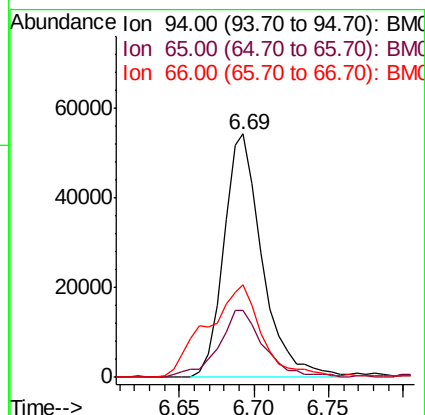
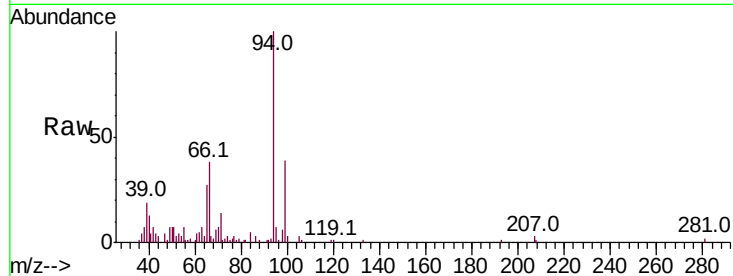
#6

Phenol

Concen: 19.962 ng/ul
 RT: 6.69 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BM024051.D
 Acq: 12 Dec 2019 10:36

Instrument :
 BNA_M
 ClientSampleId :

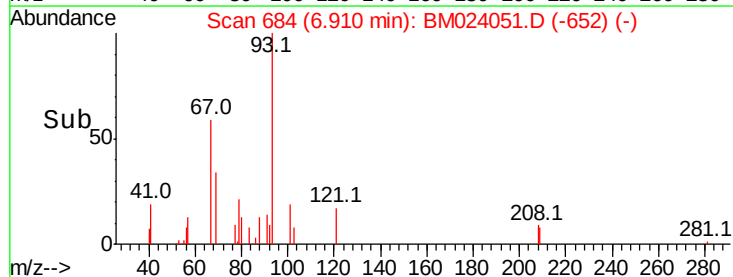
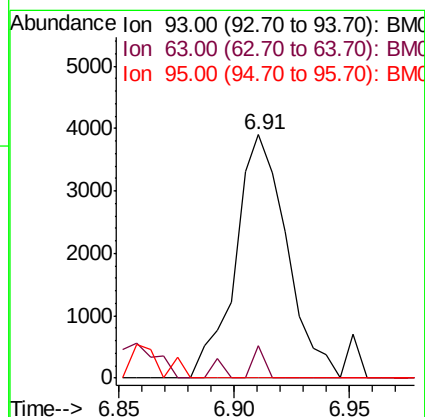
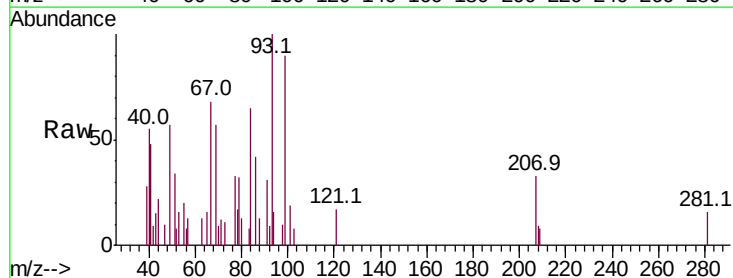
Tot Ion: 94 Resp: 97494
 Ion Ratio Lower Upper
 94 100
 65 27.4 21.7 32.5
 66 37.8 28.8 43.2

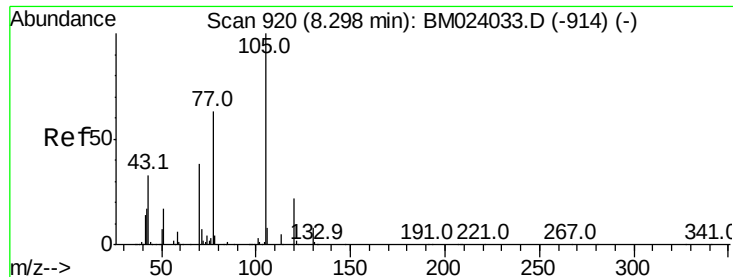


#8

Bis(2-Chloroethyl)ether
 Concen: 1.595 ng/ul
 RT: 6.91 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BM024051.D
 Acq: 12 Dec 2019 10:36

Tgt Ion: 93 Resp: 6058
 Ion Ratio Lower Upper
 93 100
 63 13.4 57.9 86.9#
 95 0.0 25.9 38.9#





#14

Acetophenone

Concen: 2.650 ng/ul

RT: 8.31 min Scan# 922

Delta R.T. 0.01 min

Lab File: BM024051.D

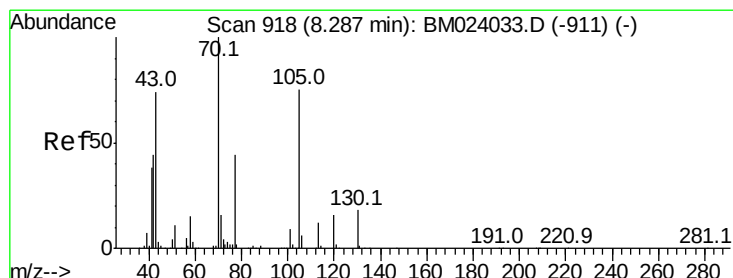
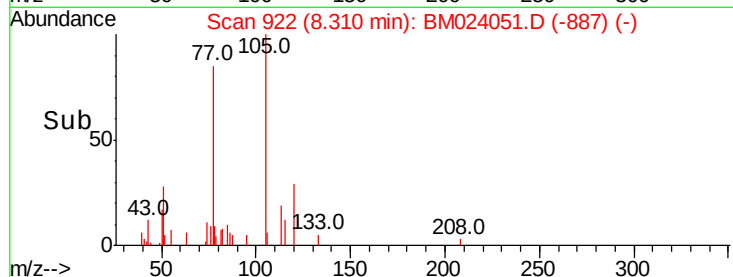
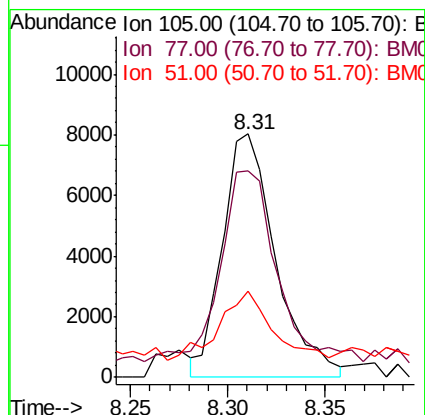
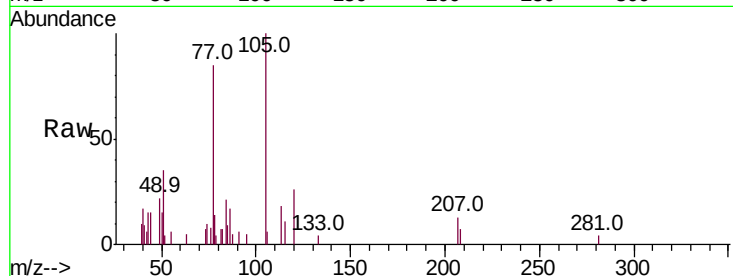
Acq: 12 Dec 2019 10:36

Instrument :

BNA_M

ClientSampled :

Tot Ion:	105	Resp:	15176
Ion	Ratio	Lower	Upper
105	100		
77	84.7	64.1	96.1
51	35.3	16.6	24.8#



#15

N-Nitroso-di-n-propylamine

Concen: 2.680 ng/ul

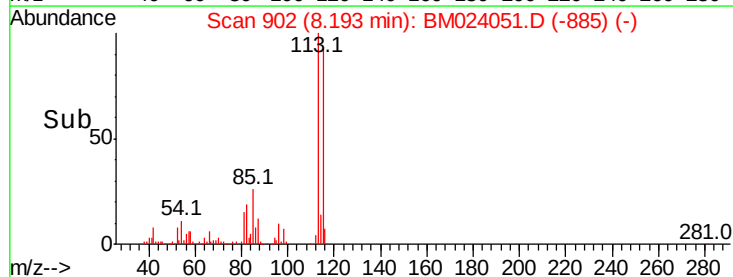
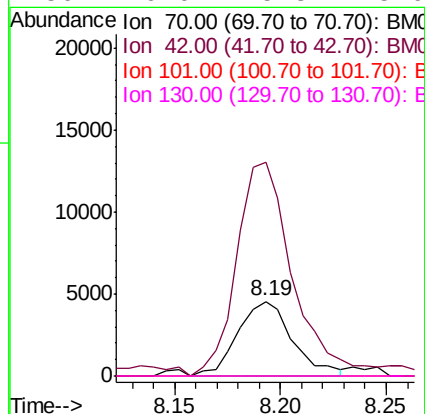
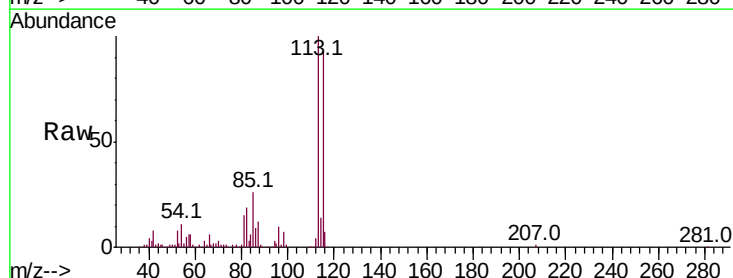
RT: 8.19 min Scan# 902

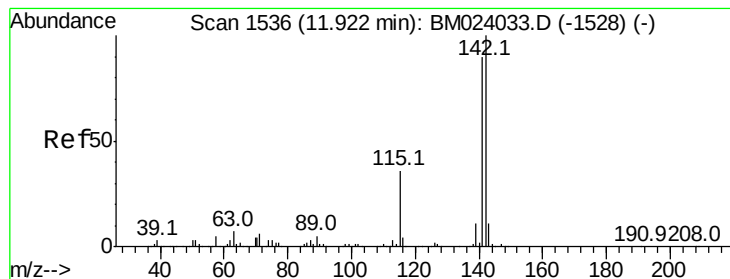
Delta R.T. -0.10 min

Lab File: BM024051.D

Acq: 12 Dec 2019 10:36

Tgt Ion:	70	Resp:	8205
Ion	Ratio	Lower	Upper
70	100		
42	287.6	35.8	53.6#
101	0.0	8.0	12.0#
130	0.0	15.8	23.6#





#34

2-Methylnaphthalene

Concen: 1.950 ng/ul

RT: 11.93 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BM024051.D

Acq: 12 Dec 2019 10:36

Instrument :

BNA_M

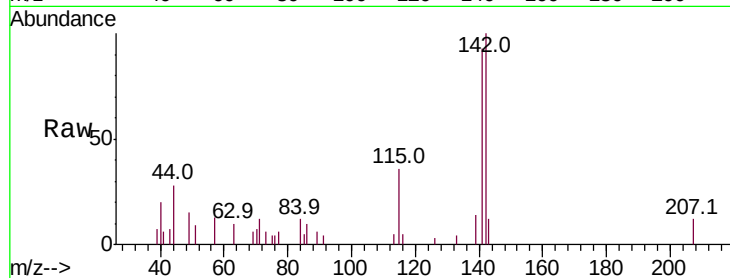
ClientSampled :

Tot Ion:142 Resp: 17743

Ion Ratio Lower Upper

142 100

141 93.1 71.3 106.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

11.93

10000

8000

6000

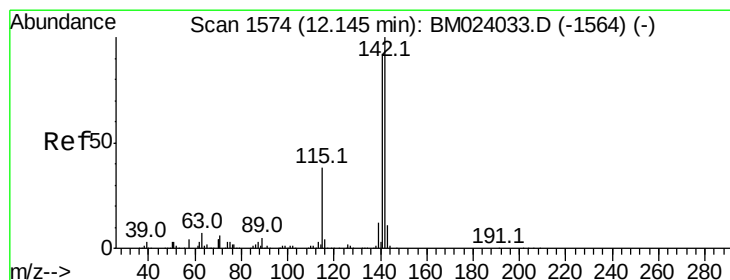
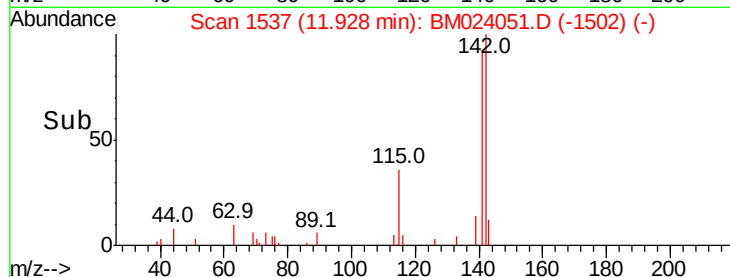
4000

2000

0

Time-->

11.90 11.95 12.00



#35

1-Methylnaphthalene

Concen: 1.287 ng/ul

RT: 12.15 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BM024051.D

Acq: 12 Dec 2019 10:36

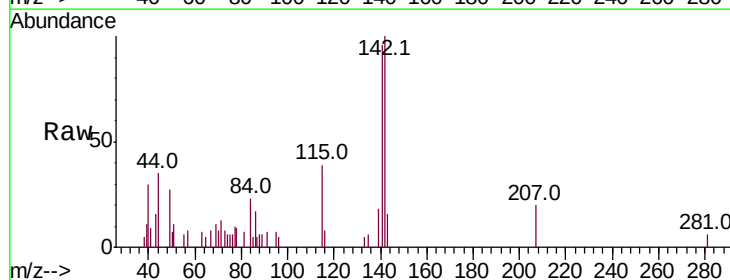
Tgt Ion:142 Resp: 11496

Ion Ratio Lower Upper

142 100

141 95.8 74.2 111.4

116 8.0 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

12.15

8000

6000

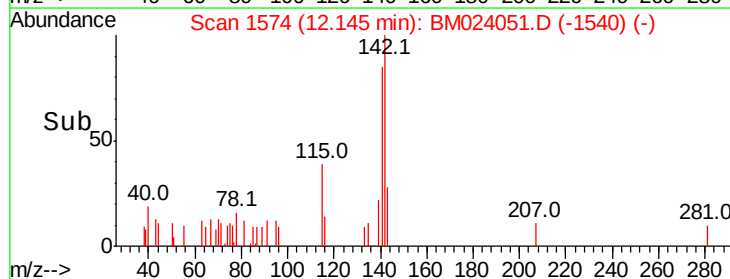
4000

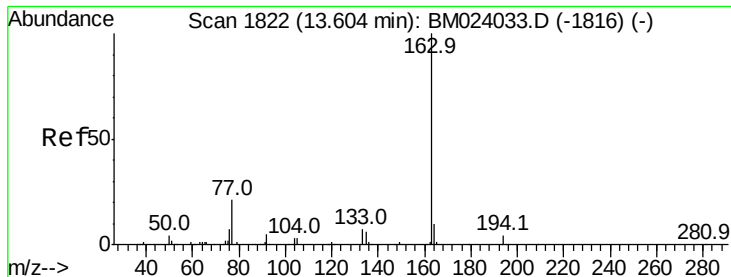
2000

0

Time-->

12.10 12.15 12.20

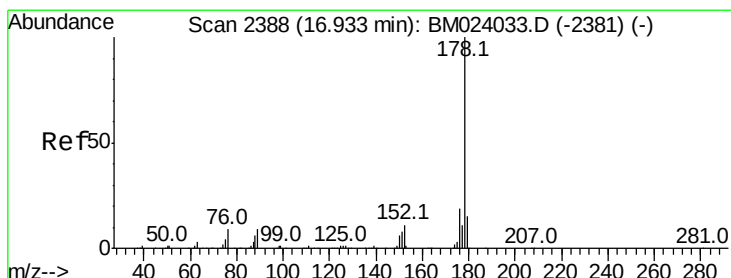
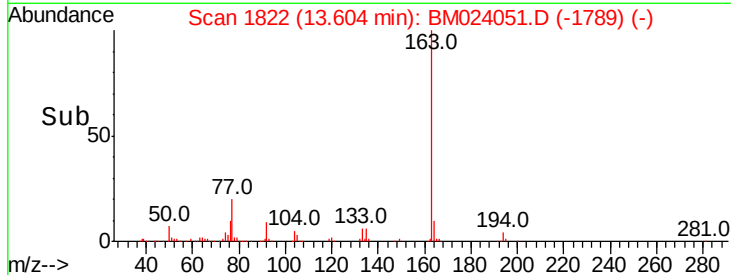
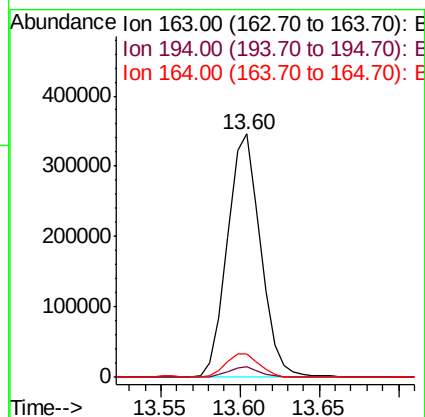
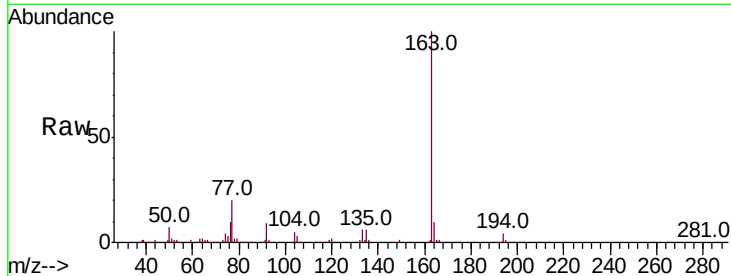




#45
Dimethylphthalate
Concen: 42.774 ng/ul
RT: 13.60 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BM024051.D
Acq: 12 Dec 2019 10:36

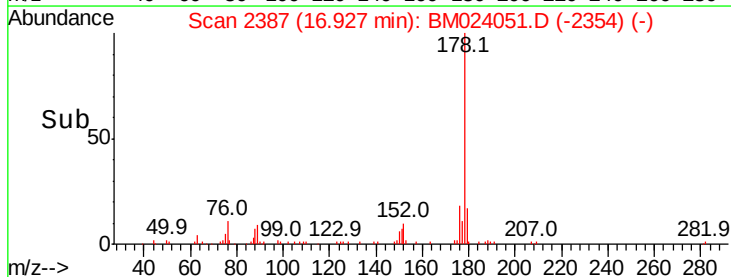
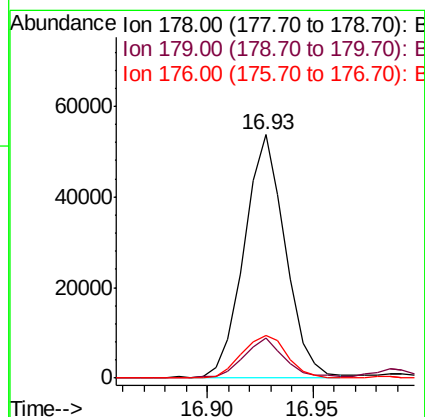
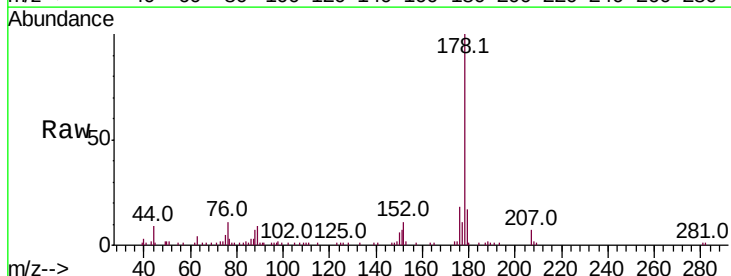
Instrument :
BNA_M
ClientSampleId :

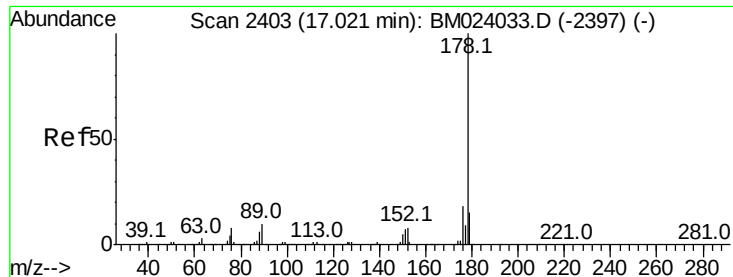
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	9.5	7.9	11.9



#70
Phenanthrene
Concen: 3.854 ng/ul
RT: 16.93 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM024051.D
Acq: 12 Dec 2019 10:36

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.0	18.0
176	17.8	15.1	22.7





#72

Anthracene

Concen: 3.796 ng/ul

RT: 16.93 min Scan# 2387

Delta R.T. -0.10 min

Lab File: BM024051.D

Acq: 12 Dec 2019 10:36

Instrument :

BNA_M

ClientSampleId :

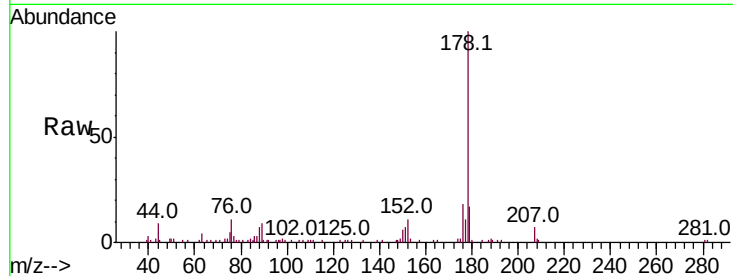
Tot Ion:178 Resp: 73033

Ion Ratio Lower Upper

178 100

179 16.5 11.9 17.9

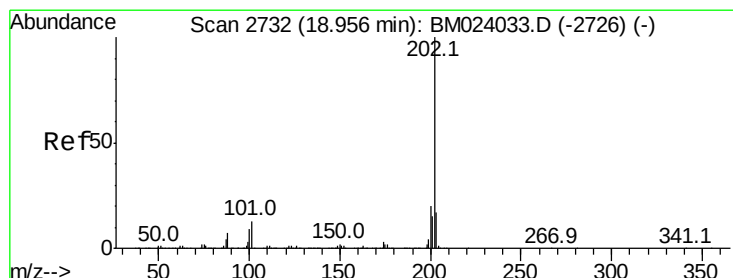
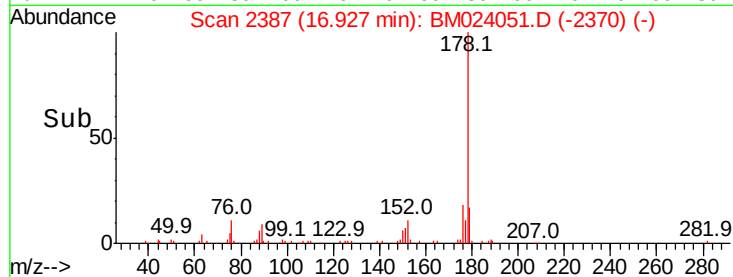
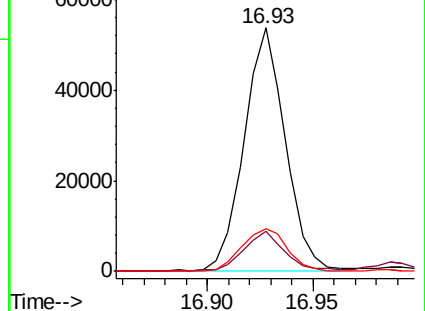
176 17.8 14.7 22.1



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: 2.496 ng/ul

RT: 18.96 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BM024051.D

Acq: 12 Dec 2019 10:36

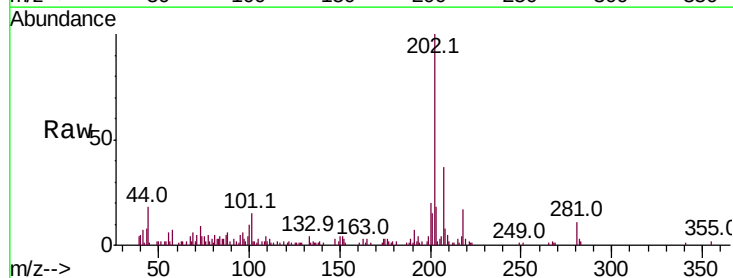
Tgt Ion:202 Resp: 50721

Ion Ratio Lower Upper

202 100

101 14.8 10.1 15.1

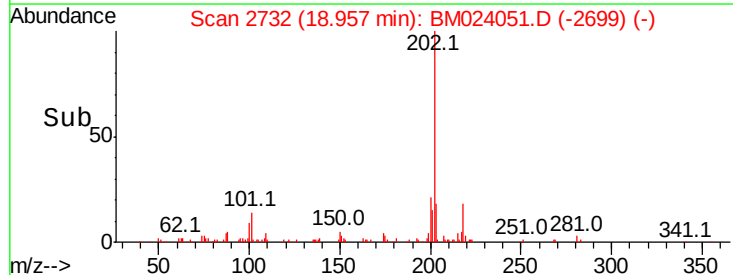
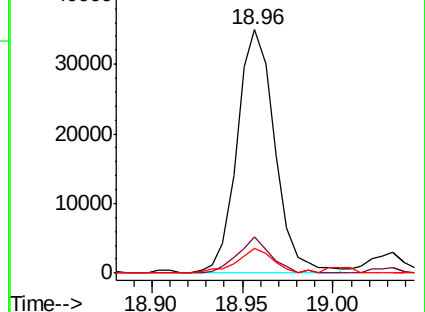
100 10.1 7.8 11.6

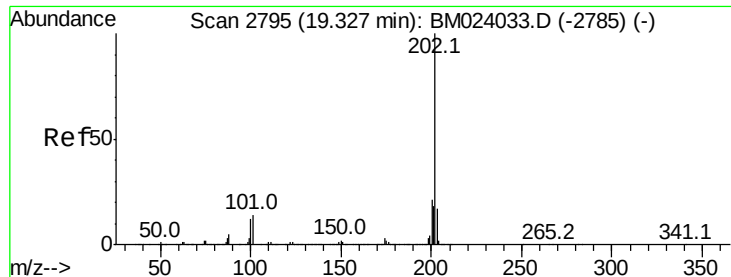


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

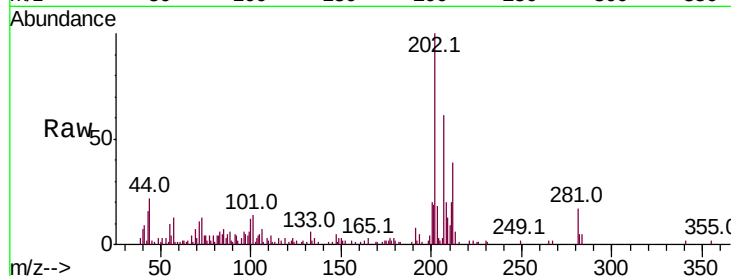




#80
Pvrene
Concen: 2.670 ng/ul
RT: 19.32 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BM024051.D
Acq: 12 Dec 2019 10:36

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.8	17.6
100	12.5	9.8	14.6

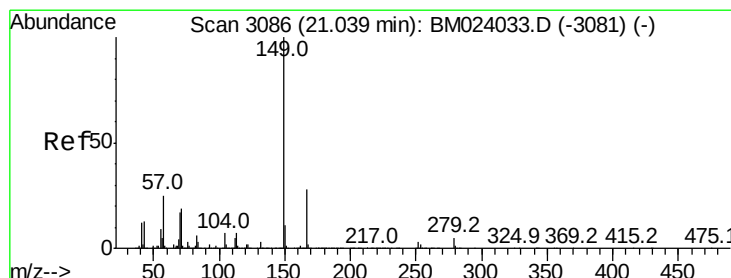
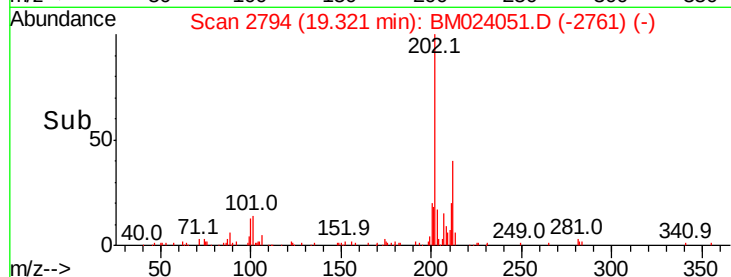
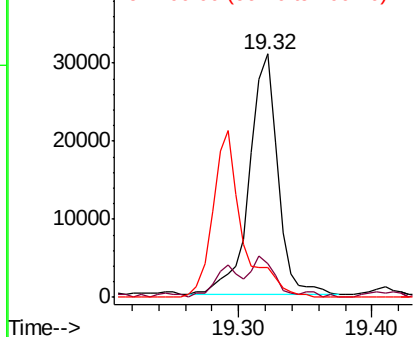


Abundance

Ion 202.00 (201.70 to 202.70): E

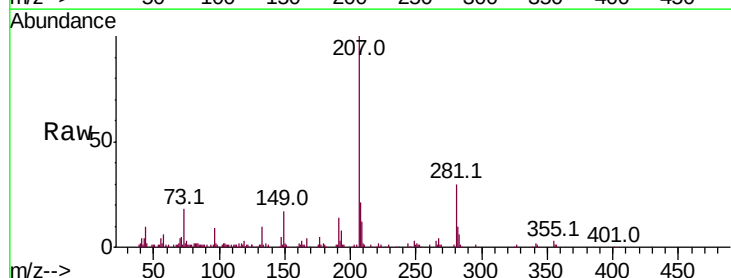
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#84
Bis(2-ethylhexyl)phthalate
Concen: 1.467 ng/ul
RT: 21.03 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM024051.D
Acq: 12 Dec 2019 10:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.6	32.4
279	4.4	4.0	6.0

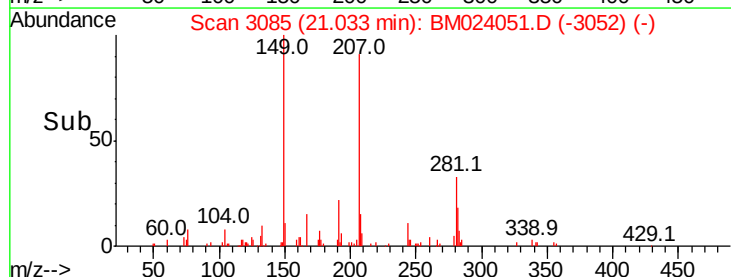
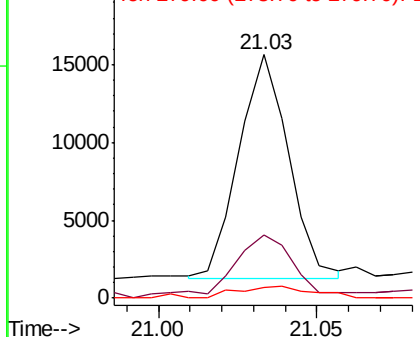


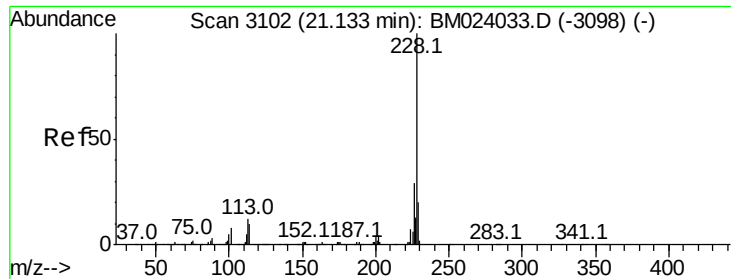
Abundance

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: 2.065 ng/ul

RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM024051.D

Acq: 12 Dec 2019 10:36

Instrument :

BNA_M

ClientSampleId :

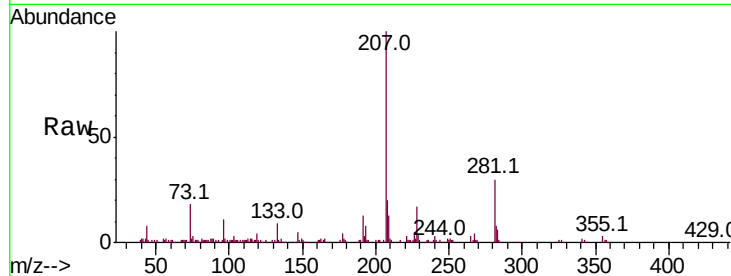
Tot Ion:228 Resp: 32714

Ion	Ratio	Lower	Upper
228	100		
226	32.6	23.4	35.2
229	23.7	15.3	22.9#

228 100

226 32.6 23.4 35.2

229 23.7 15.3 22.9#

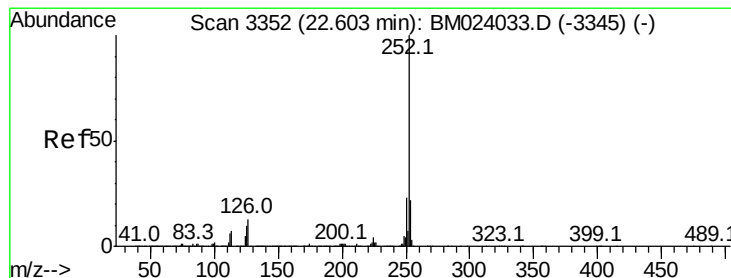
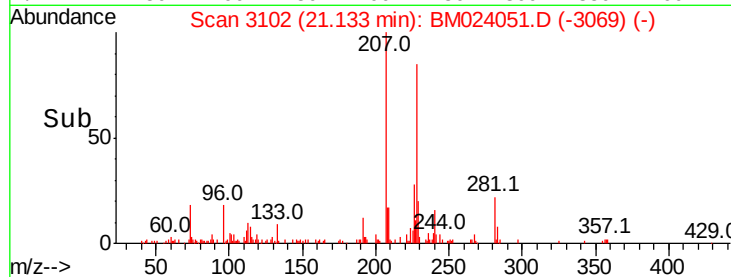
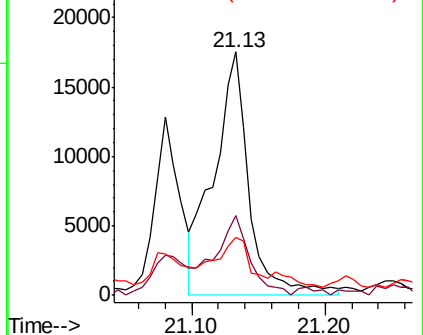


Abundance

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: 1.924 ng/ul

RT: 22.60 min Scan# 3352

Delta R.T. -0.01 min

Lab File: BM024051.D

Acq: 12 Dec 2019 10:36

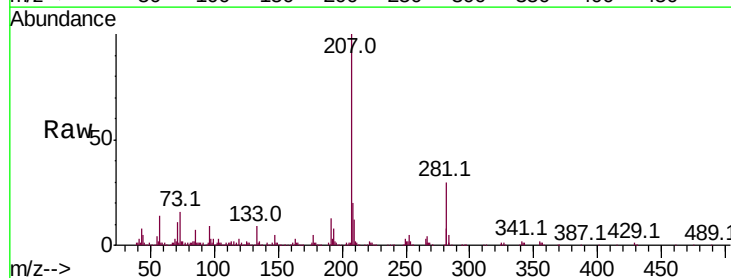
Tgt Ion:252 Resp: 31929

Ion	Ratio	Lower	Upper
252	100		
253	31.4	17.4	26.0#
125	34.5	7.4	11.2#

252 100

253 31.4 17.4 26.0#

125 34.5 7.4 11.2#

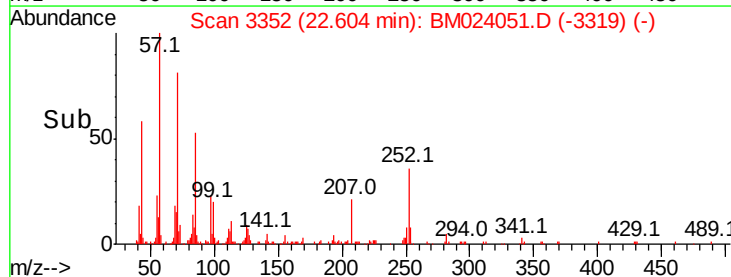
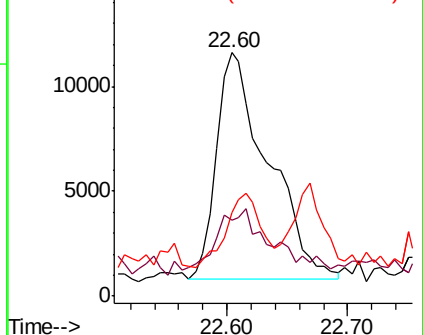


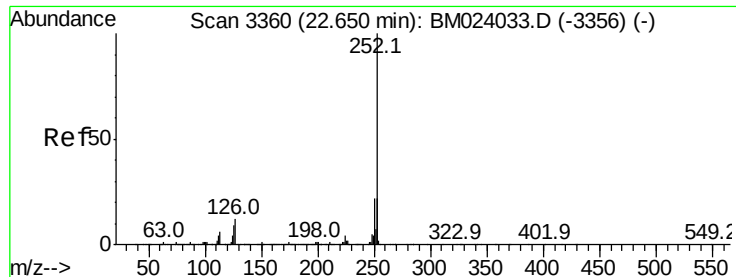
Abundance

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: 2.027 ng/ul

RT: 22.60 min Scan# 3352

Delta R.T. -0.05 min

Lab File: BM024051.D

Acq: 12 Dec 2019 10:36

Instrument :

BNA_M

ClientSampleId :

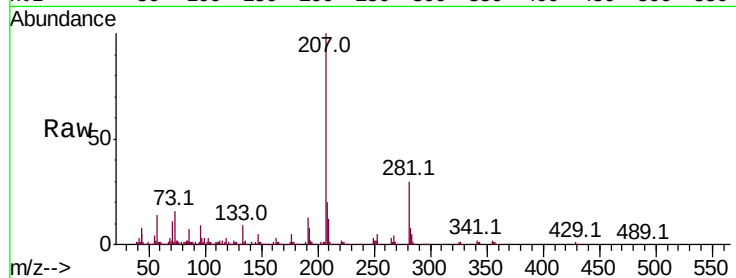
Tot Ion:252 Resp: 31929

Ion Ratio Lower Upper

252 100

253 31.4 17.2 25.8#

125 34.5 7.0 10.4#



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

