

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
 Data File : BM024079.D
 Acq On : 13 Dec 2019 03:20
 Operator : JU
 Sample : K6089-19
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 13 04:12:05 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	7.47	152	383435	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	1492528	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.13	164	831621	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.89	188	1635703	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1584500	20.00	ng/ul	-0.01
86) Perylene-d12	23.23	264	1940475	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	29746	3.45	ng/uL	0.00
5) Phenol-d5	6.66	99	566349	16.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	368322	18.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	465704	17.93	ng/ul	-0.01
13) 4-Methylphenol-d8	8.19	113	393822	14.85	ng/ul	-0.01
19) Nitrobenzene-d5	8.62	128	214438	18.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	232294	17.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	414534	16.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	473471	17.30	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	1239091	19.18	ng/ul	-0.01
47) Acenaphthylene-d8	13.82	160	1484178	19.60	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.37	143	121532	11.19	ng/ul	0.00
58) Fluorene-d10	15.13	176	1052653	19.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	121819	11.86	ng/ul	0.00
71) Anthracene-d10	16.98	188	1551170	19.86	ng/ul	-0.01
79) Pyrene-d10	19.29	212	1735774	21.20	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.09	264	2164162	21.10	ng/ul	-0.02

Target Compounds

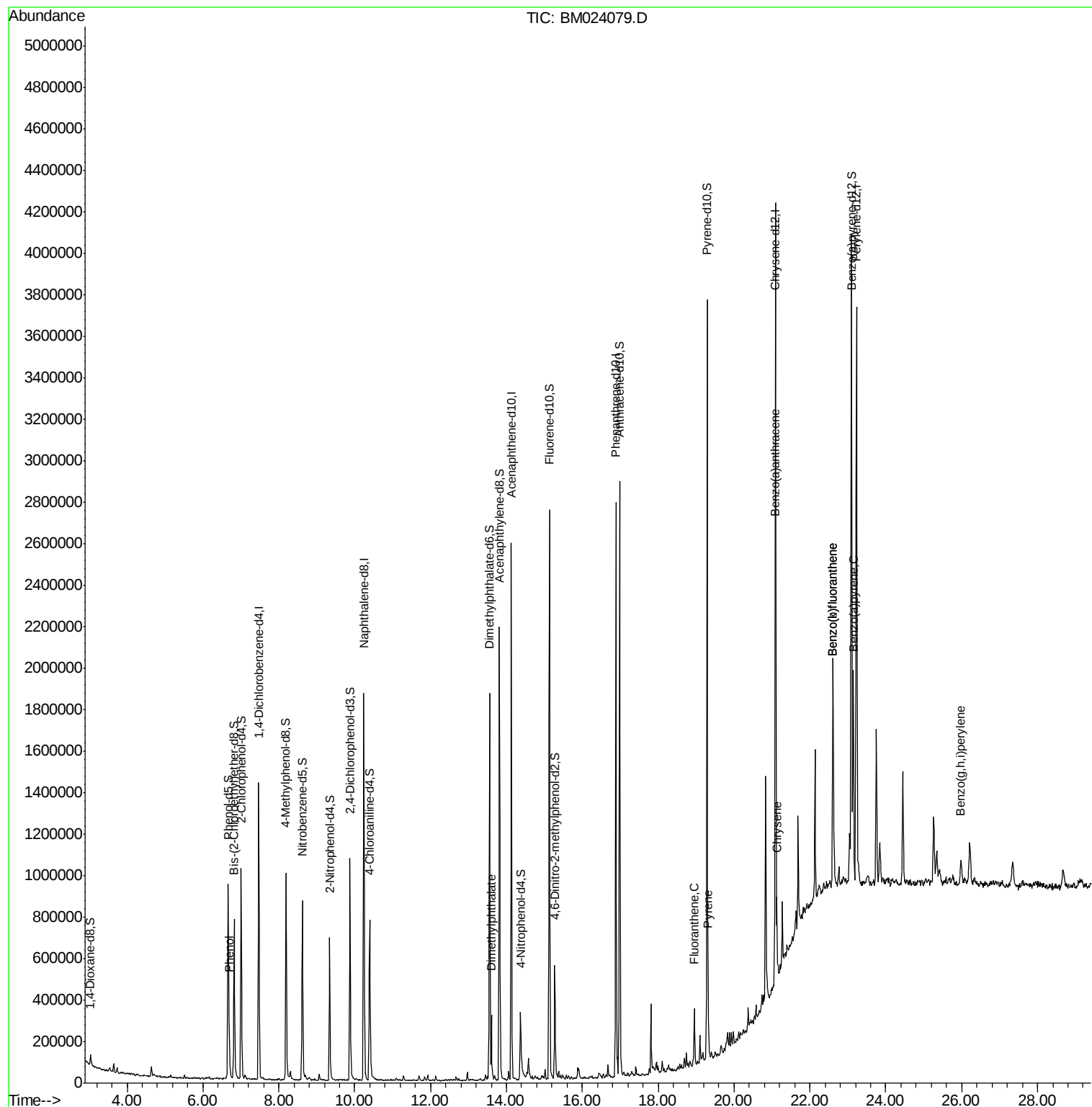
				Ovalue	
6) Phenol	6.69	94	119146	3.447	ng/ul 98
45) Dimethylphthalate	13.60	163	196968	3.114	ng/ul 100
77) Fluoranthene	18.96	202	154934	1.563	ng/ul# 97
80) Pyrene	19.32	202	156396	1.465	ng/ul 99
83) Benzo(a)anthracene	21.07	228	170902	1.614	ng/ul 97
85) Chrysene	21.13	228	221341	2.226	ng/ul 97
88) Benzo(b)fluoranthene	22.60	252	349001	2.908	ng/ul# 96
89) Benzo(k)fluoranthene	22.60	252	349001	3.064	ng/ul# 95
91) Benzo(a)pyrene	23.13	252	207103	1.825	ng/ul# 95
94) Benzo(a,h,i)perylene	25.98	276	122559	1.039	ng/ul 98

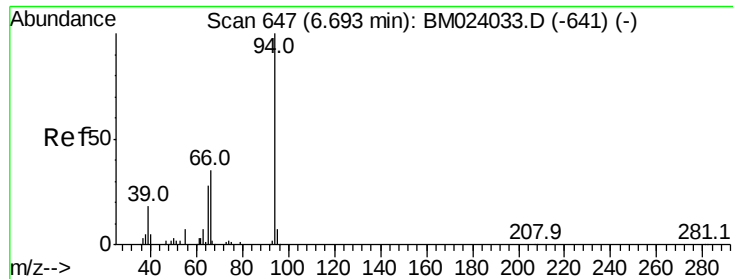
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Phenol

Concen: 3.447 ng/ul

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM024079.D

Acq: 13 Dec 2019 03:20

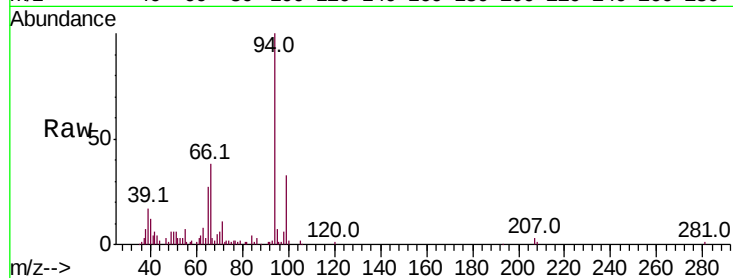
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 94 Resp: 119146

Ion	Ratio	Lower	Upper
94	100		
65	26.5	21.7	32.5
66	37.8	28.8	43.2



Abundance

Ion 94.00 (93.70 to 94.70): BM024033.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BM024033.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BM024033.D (-641) (-)

80000

60000

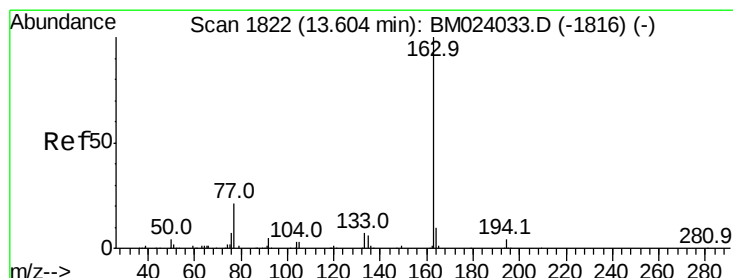
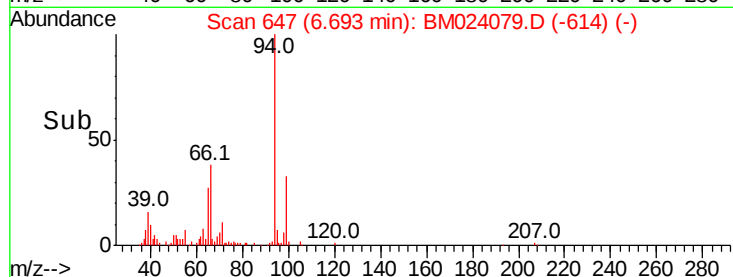
40000

20000

0

6.60 6.65 6.70 6.75

Time-->



#45

Dimethylphthalate

Concen: 3.114 ng/ul

RT: 13.60 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BM024079.D

Acq: 13 Dec 2019 03:20

Tgt Ion: 163 Resp: 196968

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	9.9	7.9	11.9

Abundance

Ion 163.00 (162.70 to 163.70): BM024033.D (-1816) (-)

Ion 194.00 (193.70 to 194.70): BM024033.D (-1816) (-)

Ion 164.00 (163.70 to 164.70): BM024033.D (-1816) (-)

150000

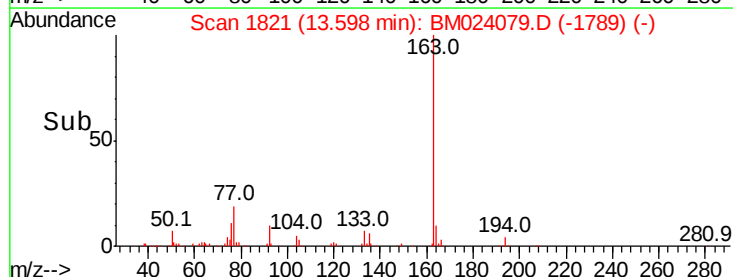
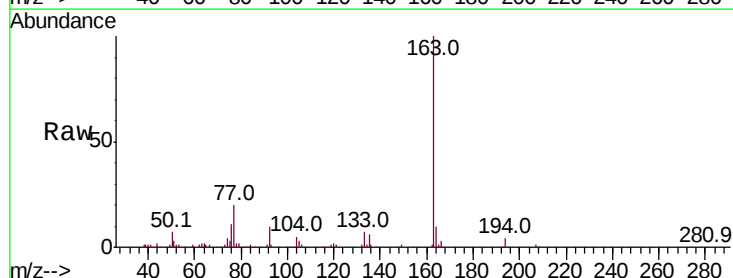
100000

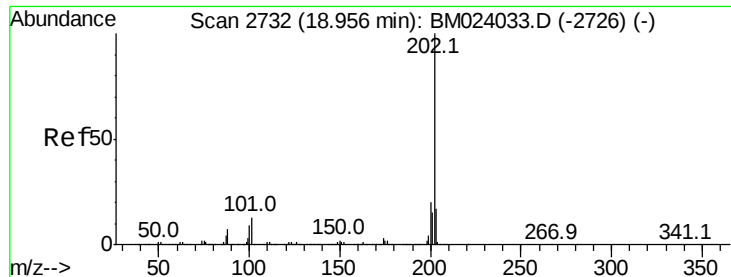
50000

0

13.55 13.60 13.65

Time-->

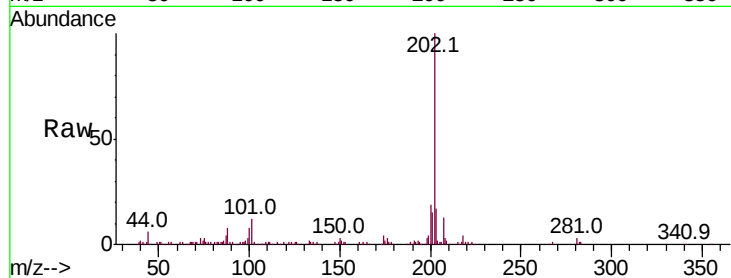




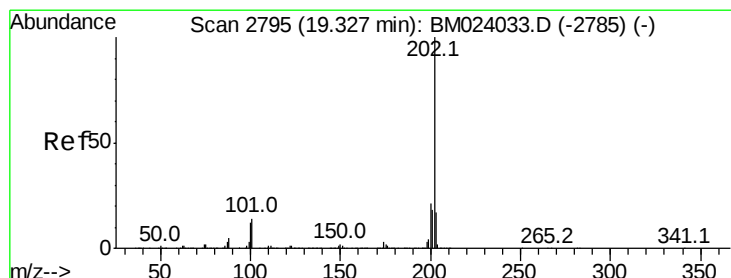
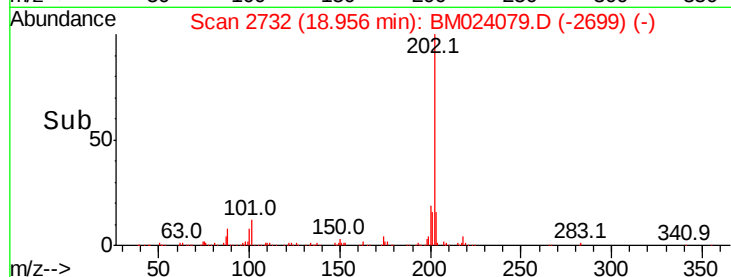
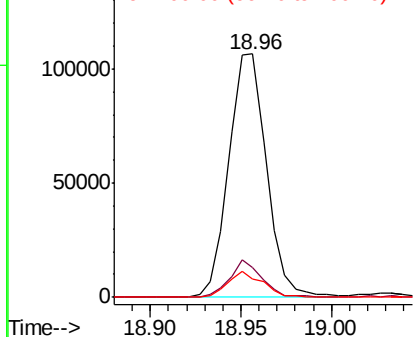
#77
 Fluoranthene
 Concen: 1.563 ng/ul
 RT: 18.96 min Scan# 2732
 Delta R.T. -0.01 min
 Lab File: BM024079.D
 Acq: 13 Dec 2019 03:20

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.1	15.1
100	7.6	7.8	11.6

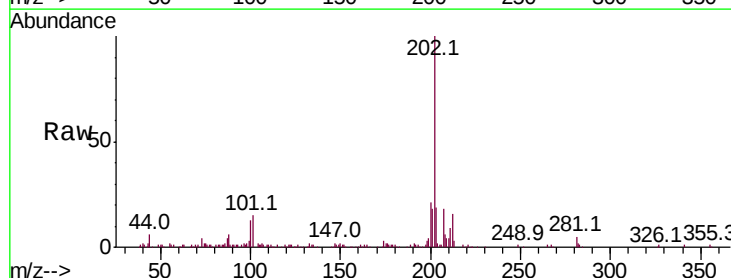


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

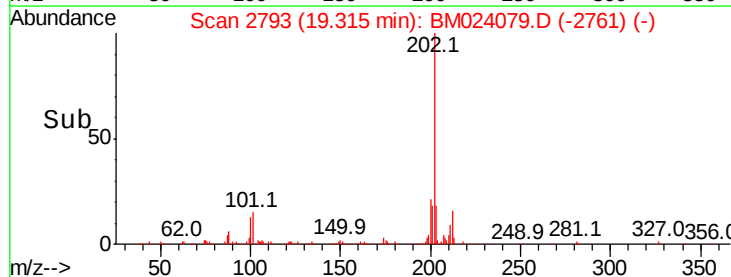
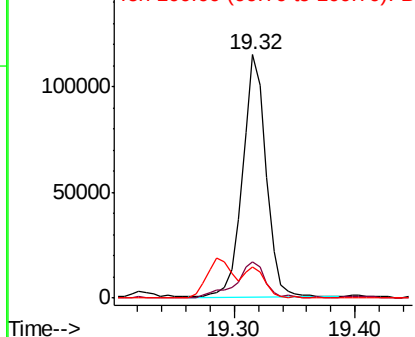


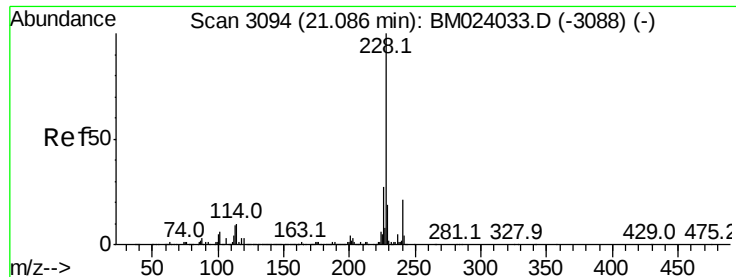
#80
 Pyrene
 Concen: 1.465 ng/ul
 RT: 19.32 min Scan# 2793
 Delta R.T. -0.01 min
 Lab File: BM024079.D
 Acq: 13 Dec 2019 03:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.1	11.8	17.6
100	12.8	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

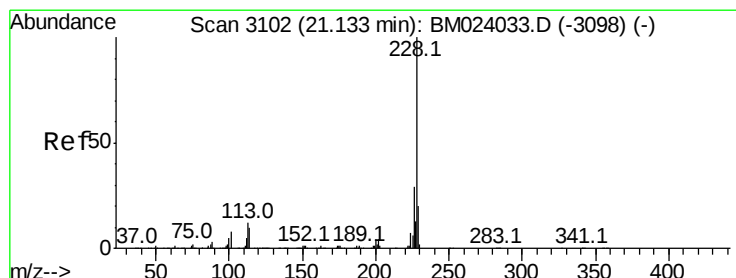
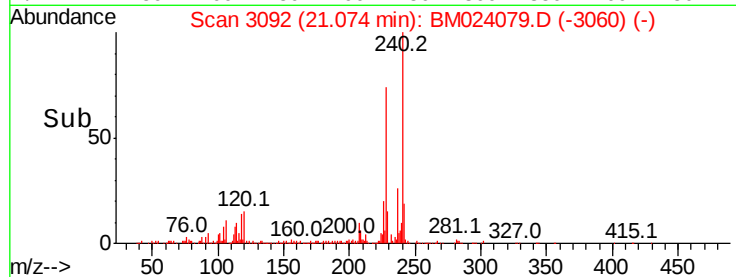
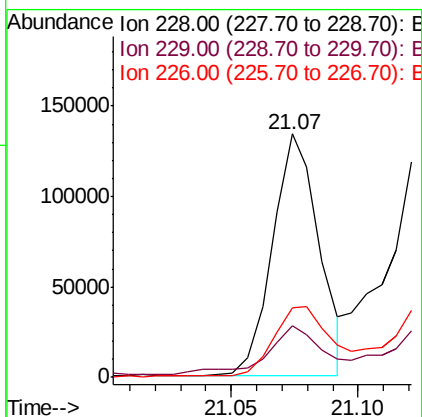
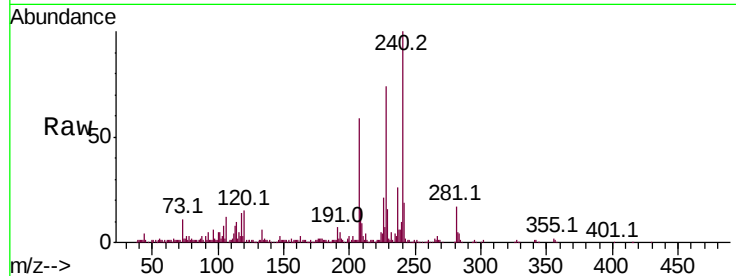




#83
Benzo(a)anthracene
Concen: 1.614 ng/ul
RT: 21.07 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM024079.D
Acq: 13 Dec 2019 03:20

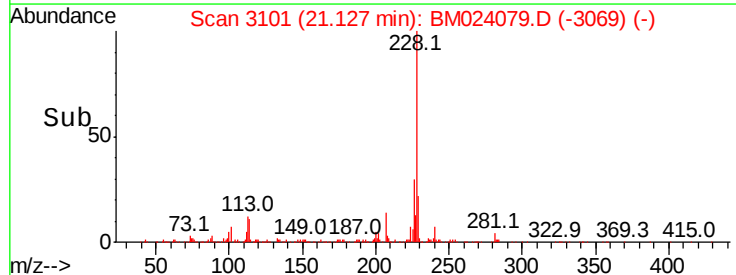
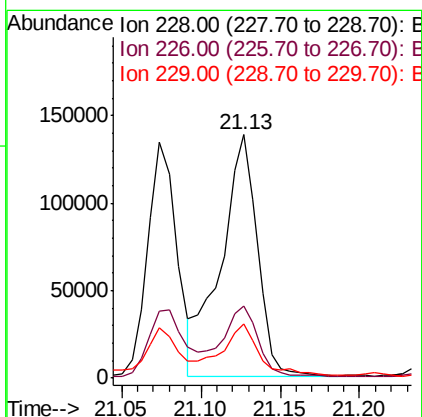
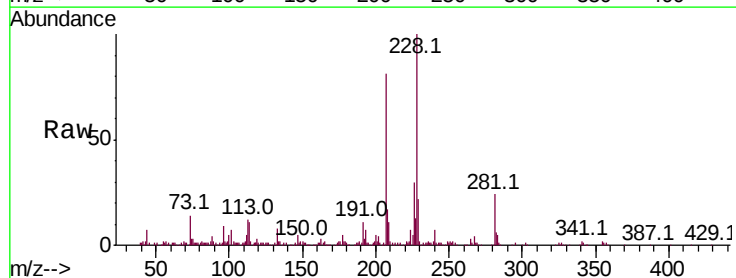
Instrument :
BNA_M
ClientSampleId :

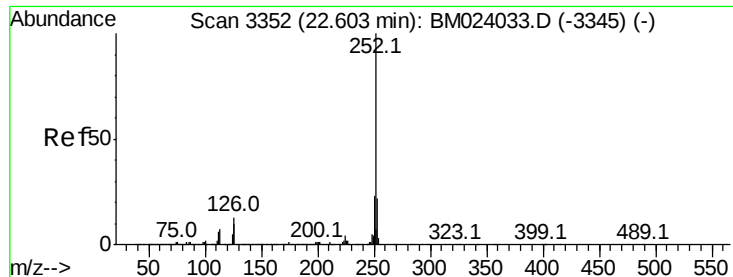
Tot Ion:228 Resp: 170902
Ion Ratio Lower Upper
228 100
229 21.2 15.6 23.4
226 28.4 21.4 32.0



#85
Chrysene
Concen: 2.226 ng/ul
RT: 21.13 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM024079.D
Acq: 13 Dec 2019 03:20

Tgt Ion:228 Resp: 221341
Ion Ratio Lower Upper
228 100
226 29.8 23.4 35.2
229 22.1 15.3 22.9





#88

Benzo(b)fluoranthene

Concen: 2.908 ng/ul

RT: 22.60 min Scan# 3351

Delta R.T. -0.01 min

Lab File: BM024079.D

Acq: 13 Dec 2019 03:20

Instrument :

BNA_M

ClientSampleId :

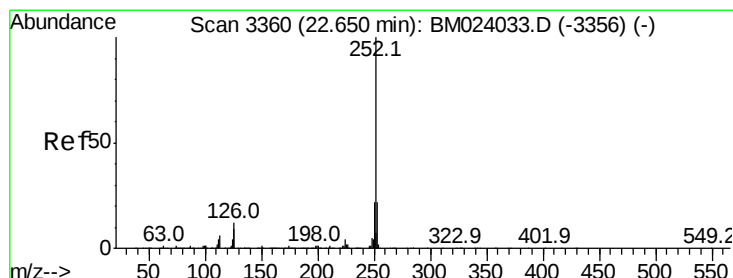
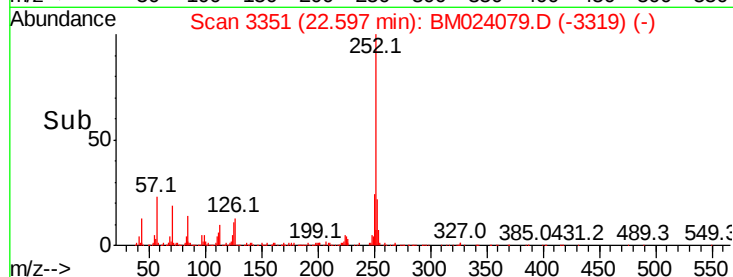
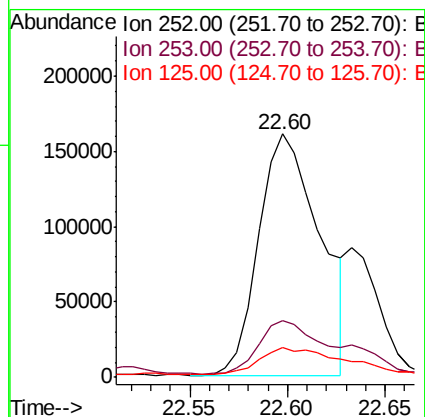
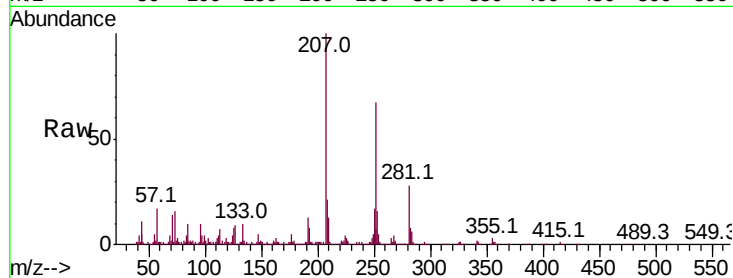
Tot Ion:252 Resp: 349001

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

125 12.1 7.4 11.2#



#89

Benzo(k)fluoranthene

Concen: 3.064 ng/ul

RT: 22.60 min Scan# 3351

Delta R.T. -0.05 min

Lab File: BM024079.D

Acq: 13 Dec 2019 03:20

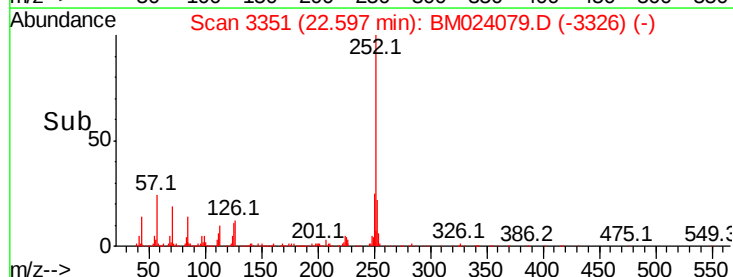
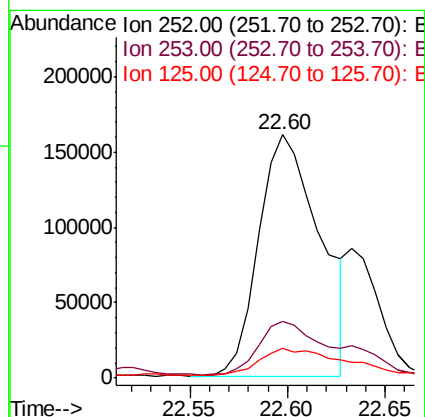
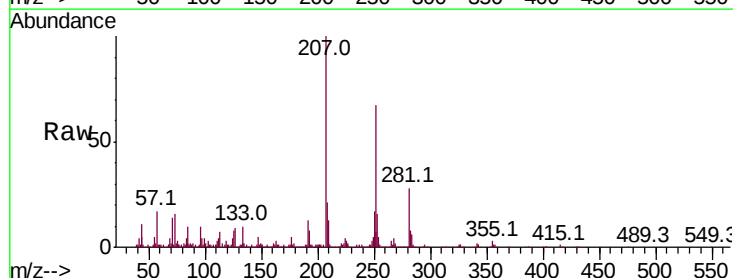
Tgt Ion:252 Resp: 349001

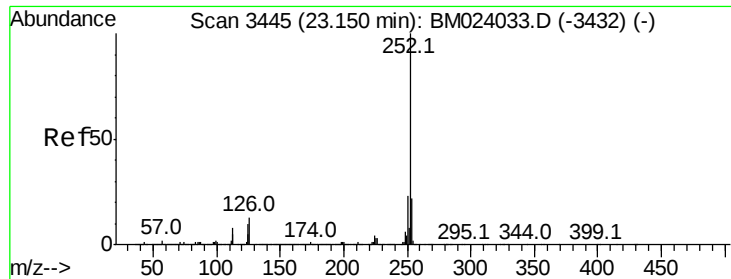
Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

125 12.1 7.0 10.4#





#91

Benzo(a)pyrene

Concen: 1.825 ng/ul

RT: 23.13 min Scan# 3442

Delta R.T. -0.02 min

Lab File: BM024079.D

Acq: 13 Dec 2019 03:20

Instrument :

BNA_M

ClientSampleId :

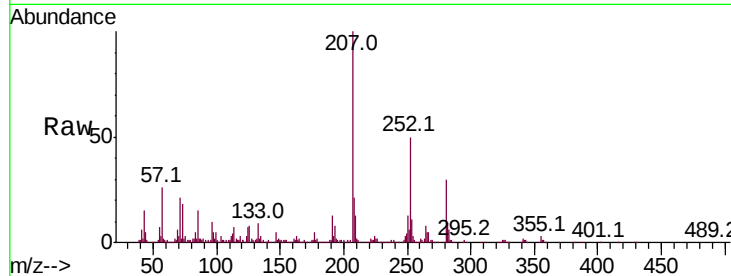
Tot Ion:252 Resp: 207103

Ion Ratio Lower Upper

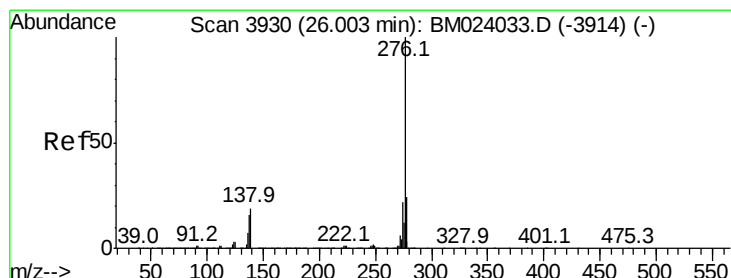
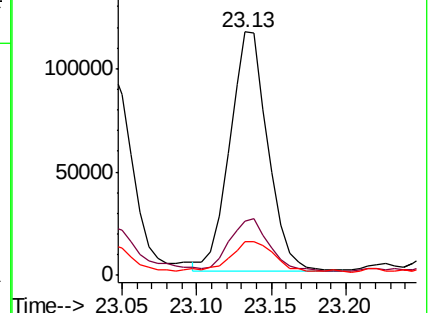
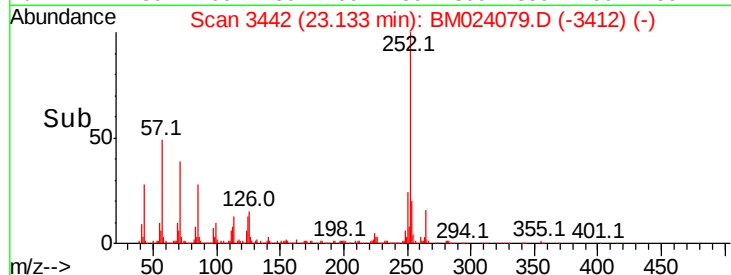
252 100

253 22.2 17.2 25.8

125 13.9 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



#94

Benzo(g,h,i)perylene

Concen: 1.039 ng/ul

RT: 25.98 min Scan# 3926

Delta R.T. -0.04 min

Lab File: BM024079.D

Acq: 13 Dec 2019 03:20

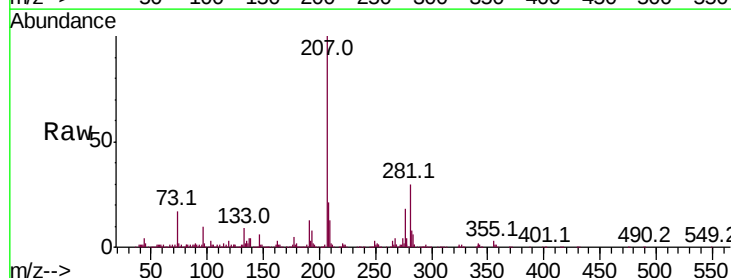
Tgt Ion:276 Resp: 122559

Ion Ratio Lower Upper

276 100

138 19.5 14.9 22.3

277 23.4 19.1 28.7



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

