

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
 Data File : BM024065.D
 Acq On : 12 Dec 2019 19:01
 Operator : JU
 Sample : K6089-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 13 01:00:49 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	351008	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	1420996	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.13	164	835209	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.89	188	1676530	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1516546	20.00	ng/ul	-0.01
86) Perylene-d12	23.23	264	1803475	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	14073	1.78	ng/uL	0.00
5) Phenol-d5	6.66	99	252264	8.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	171321	9.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	202671	8.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	183524	7.56	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	92682	8.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	95778	7.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	181352	7.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	177803	6.82	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	610502	9.41	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	700283	9.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	43107	3.95	ng/ul	0.01
58) Fluorene-d10	15.13	176	529709	9.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	51670	4.91	ng/ul	0.00
71) Anthracene-d10	16.98	188	743238	9.28	ng/ul	-0.01
79) Pyrene-d10	19.29	212	841707	10.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	941703	9.88	ng/ul	-0.02

Target Compounds

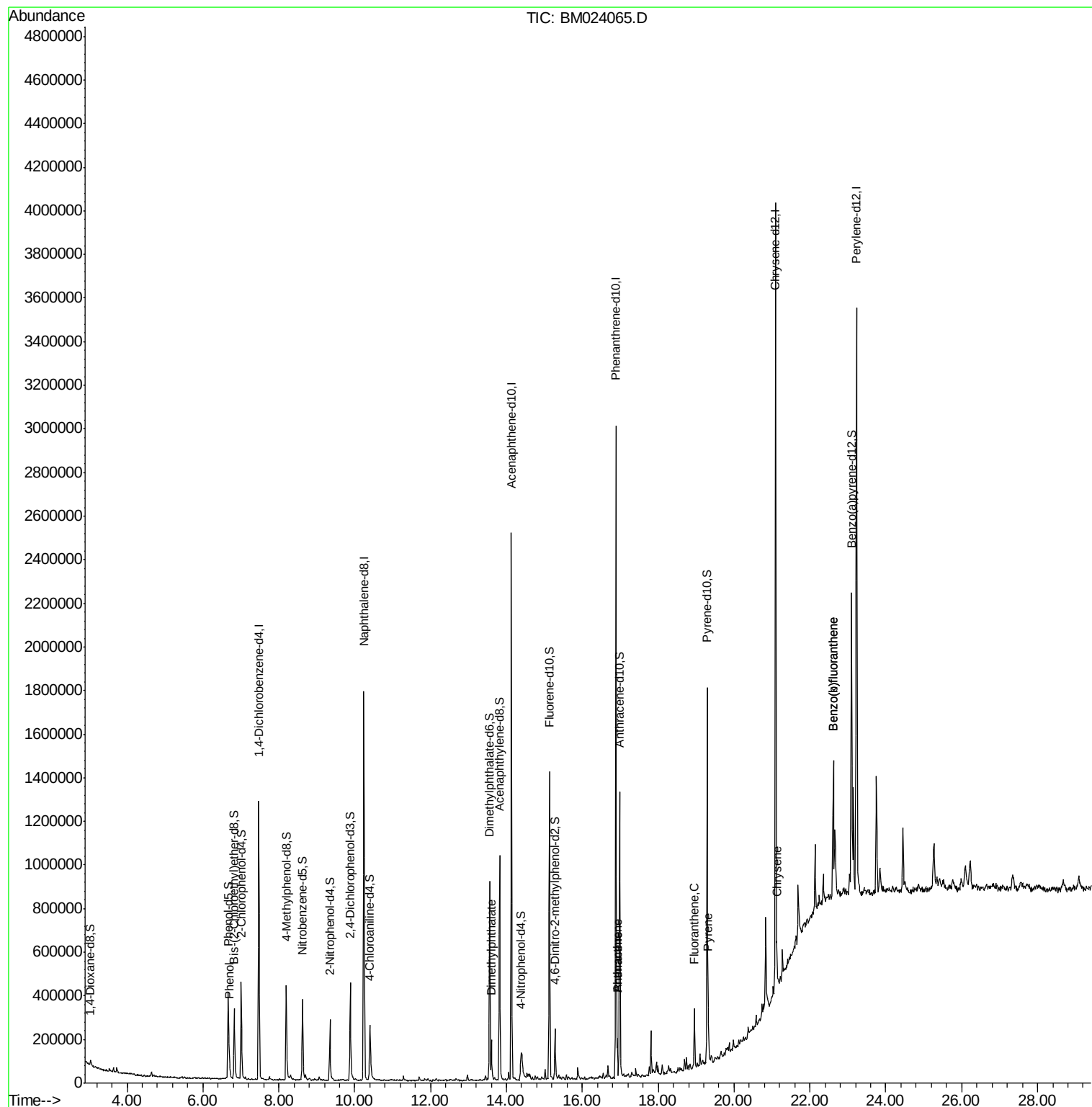
					Ovalue	
6) Phenol	6.69	94	58073	1.835	ng/ul#	91
45) Dimethylphthalate	13.60	163	120964	1.904	ng/ul	99
70) Phenanthrene	16.93	178	98955	1.045	ng/ul	98
72) Anthracene	16.93	178	99269	1.032	ng/ul	97
77) Fluoranthene	18.96	202	146373	1.441	ng/ul	99
80) Pyrene	19.32	202	140563	1.376	ng/ul	99
85) Chrysene	21.13	228	116320	1.222	ng/ul	96
88) Benzo(b)fluoranthene	22.60	252	129920	1.165	ng/ul#	92
89) Benzo(k)fluoranthene	22.60	252	129920	1.227	ng/ul#	91

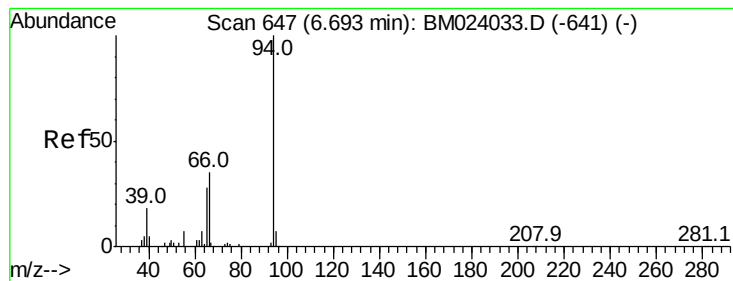
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 1.835 ng/ul

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM024065.D

Acq: 12 Dec 2019 19:01

Instrument :

BNA_M

ClientSampleId :

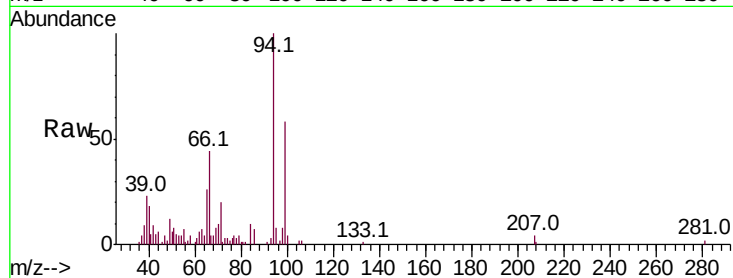
Tot Ion: 94 Resp: 58073

Ion Ratio Lower Upper

94 100

65 25.7 21.7 32.5

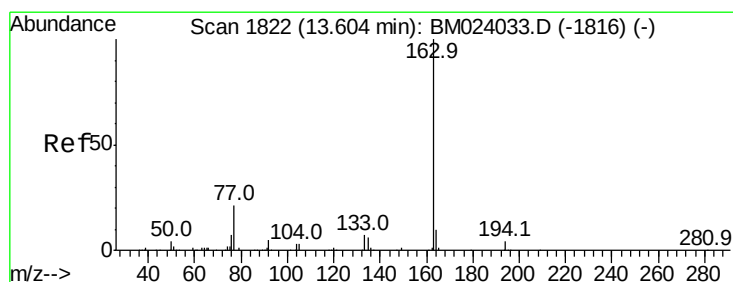
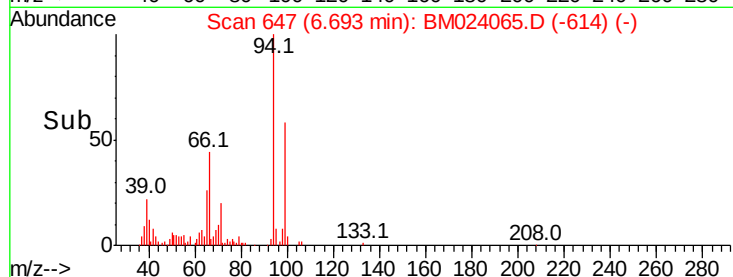
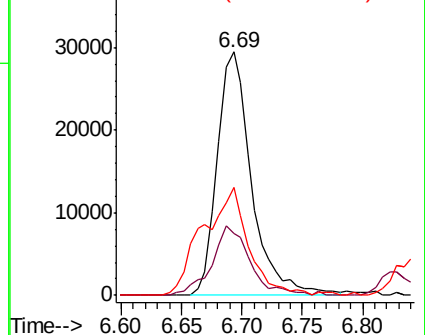
66 44.5 28.8 43.2#



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) (-)



#45

Dimethylphthalate

Concen: 1.904 ng/ul

RT: 13.60 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BM024065.D

Acq: 12 Dec 2019 19:01

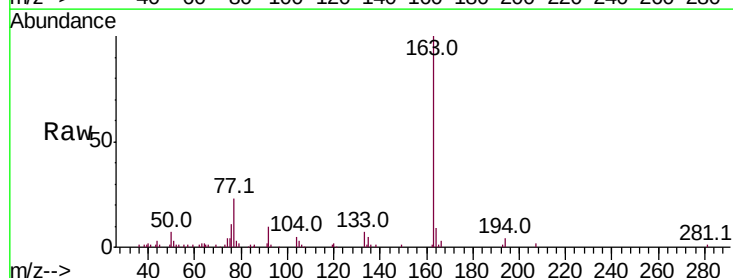
Tgt Ion: 163 Resp: 120964

Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

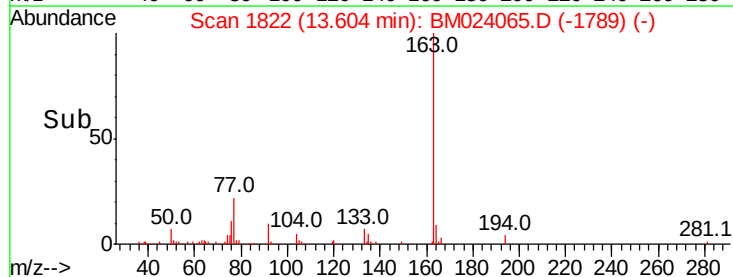
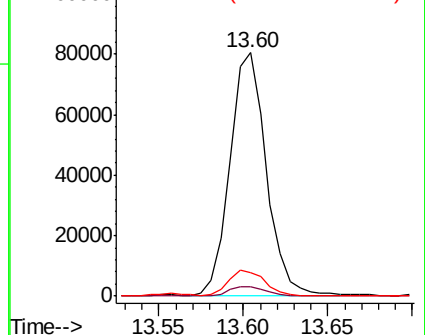
164 9.4 7.9 11.9

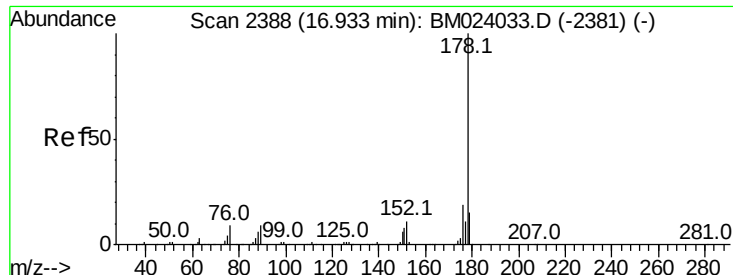


Abundance Ion 163.00 (162.70 to 163.70): BM024033.D (-1816) (-)

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

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





#70

Phenanthrene

Concen: 1.045 ng/ul

RT: 16.93 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM024065.D

Acq: 12 Dec 2019 19:01

Instrument :

BNA_M

ClientSampleId :

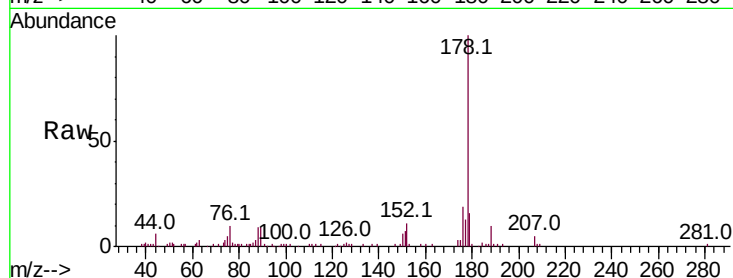
Tot Ion:178 Resp: 98955

Ion Ratio Lower Upper

178 100

179 16.3 12.0 18.0

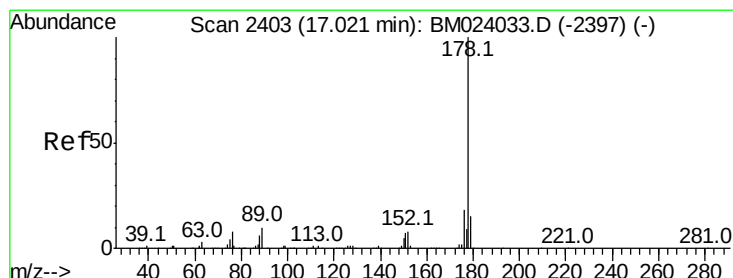
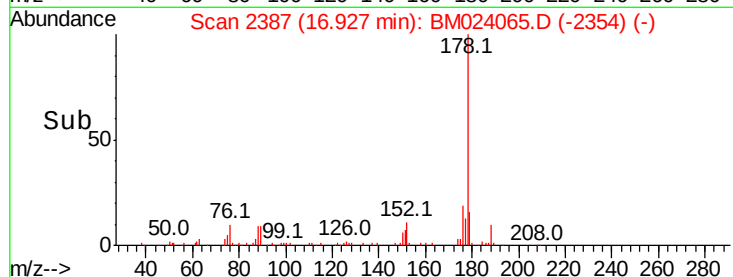
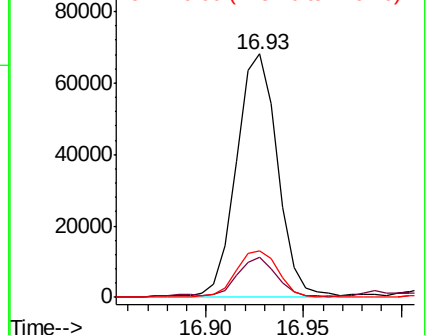
176 19.3 15.1 22.7



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: 1.032 ng/ul

RT: 16.93 min Scan# 2387

Delta R.T. -0.10 min

Lab File: BM024065.D

Acq: 12 Dec 2019 19:01

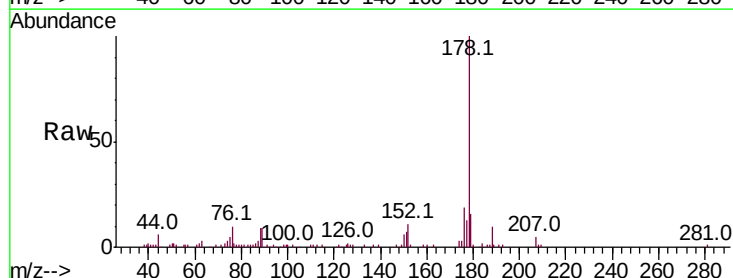
Tgt Ion:178 Resp: 99269

Ion Ratio Lower Upper

178 100

179 16.3 11.9 17.9

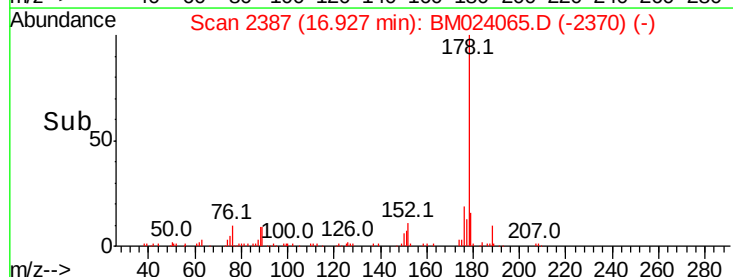
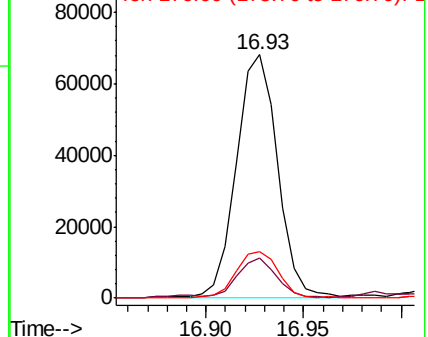
176 19.3 14.7 22.1

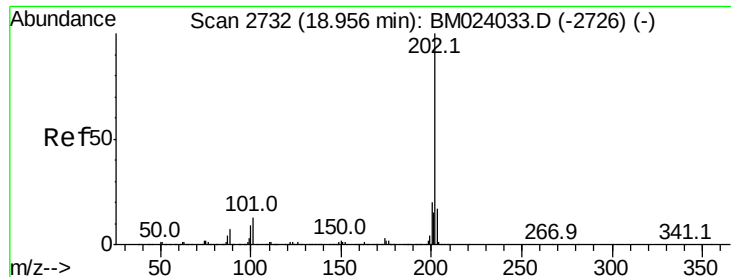


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

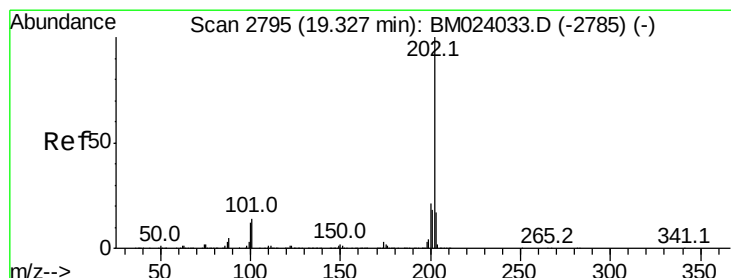
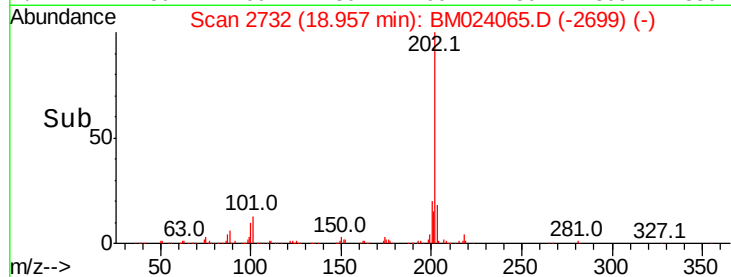
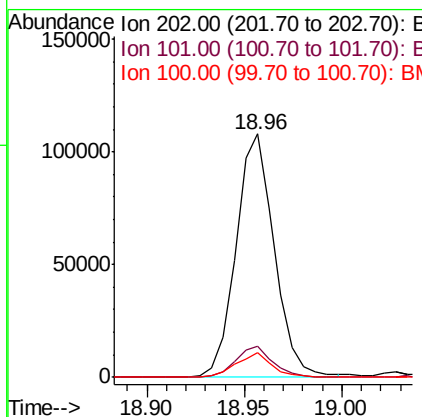
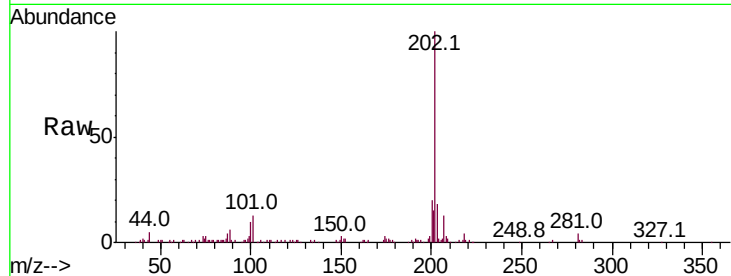




#77
 Fluoranthene
 Concen: 1.441 ng/ul
 RT: 18.96 min Scan# 2732
 Delta R.T. -0.01 min
 Lab File: BM024065.D
 Acq: 12 Dec 2019 19:01

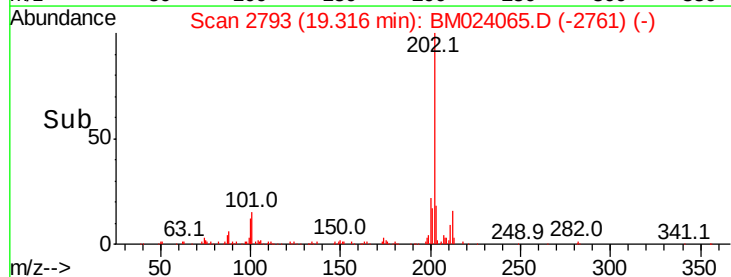
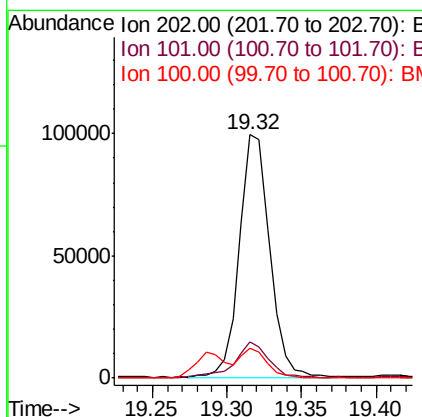
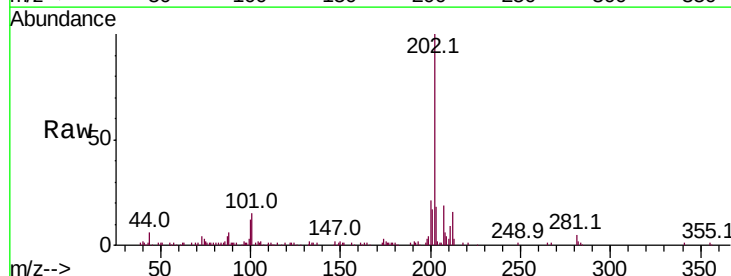
Instrument :
 BNA_M
 ClientSampleId :

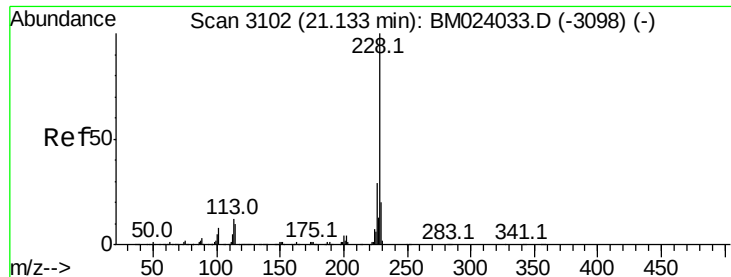
Tot Ion:	202	Resp:	146373
Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.1	15.1
100	10.1	7.8	11.6



#80
 Pyrene
 Concen: 1.376 ng/ul
 RT: 19.32 min Scan# 2793
 Delta R.T. -0.01 min
 Lab File: BM024065.D
 Acq: 12 Dec 2019 19:01

Tgt Ion:	202	Resp:	140563
Ion	Ratio	Lower	Upper
202	100		
101	15.0	11.8	17.6
100	12.1	9.8	14.6

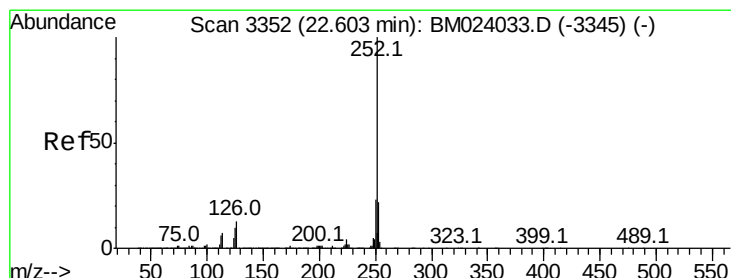
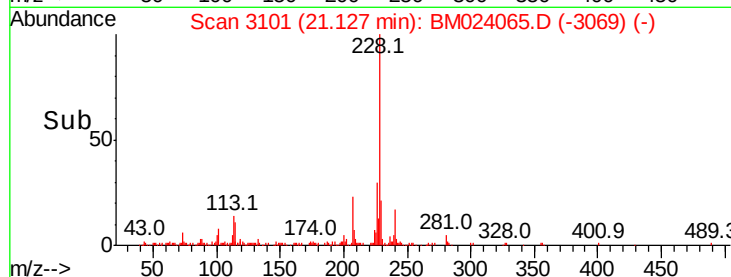
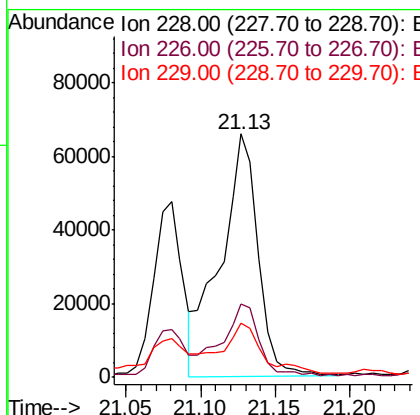
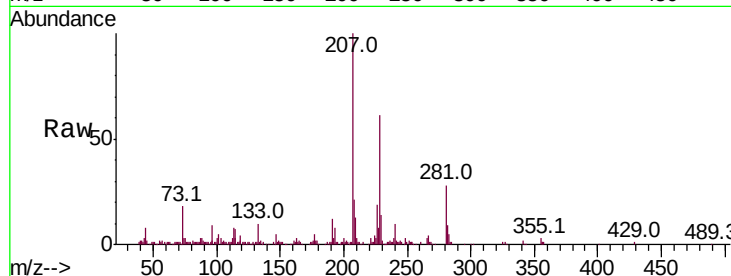




#85
Chrysene
Concen: 1.222 ng/ul
RT: 21.13 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM024065.D
Acq: 12 Dec 2019 19:01

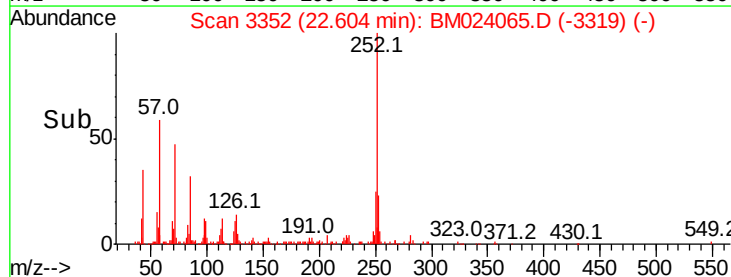
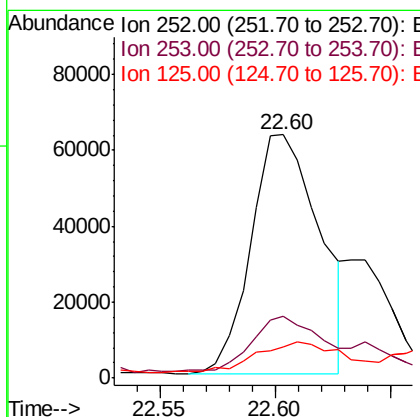
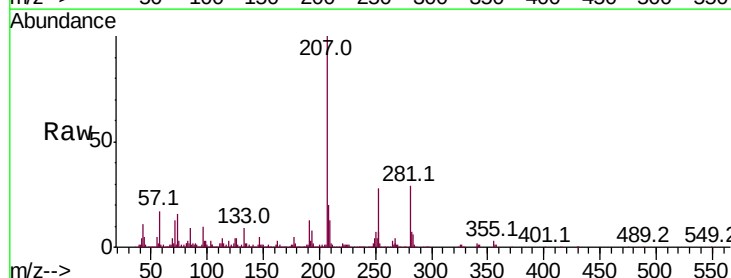
Instrument :
BNA_M
ClientSampled :

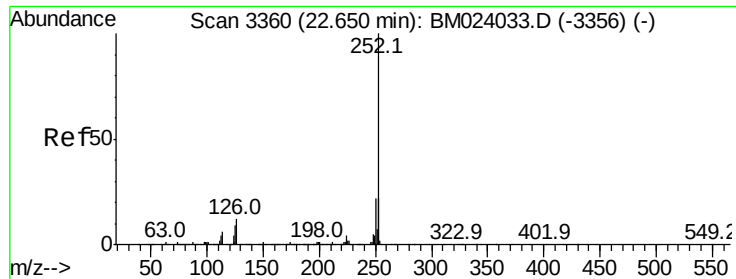
Tot Ion:228 Resp: 116320
Ion Ratio Lower Upper
228 100
226 30.2 23.4 35.2
229 22.1 15.3 22.9



#88
Benzo(b)fluoranthene
Concen: 1.165 ng/ul
RT: 22.60 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BM024065.D
Acq: 12 Dec 2019 19:01

Tgt Ion:252 Resp: 129920
Ion Ratio Lower Upper
252 100
253 25.2 17.4 26.0
125 13.1 7.4 11.2#





#89

Benzo(k)fluoranthene

Concen: 1.227 ng/ul

RT: 22.60 min Scan# 3352

Delta R.T. -0.05 min

Lab File: BM024065.D

Acq: 12 Dec 2019 19:01

Instrument :

BNA_M

ClientSampleId :

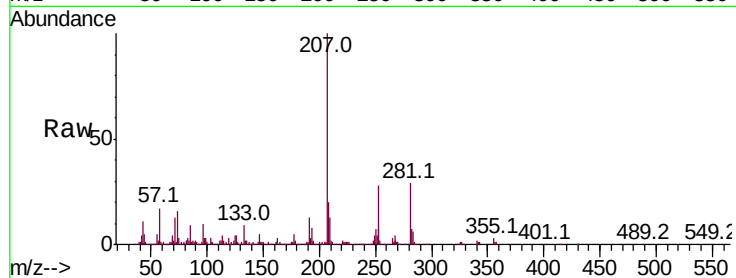
Tot Ion:252 Resp: 129920

Ion Ratio Lower Upper

252 100

253 25.2 17.2 25.8

125 13.1 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

