

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
 Data File : BM024056.D
 Acq On : 12 Dec 2019 13:34
 Operator : JU
 Sample : K6088-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 13 00:59:30 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	415337	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	1712780	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.13	164	1005989	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1968125	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1693703	20.00	ng/ul	-0.01
86) Perylene-d12	23.23	264	2032397	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.03	96	30568	3.27	ng/uL	0.00
5) Phenol-d5	6.66	99	518998	14.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	355601	16.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	429380	15.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	378786	13.19	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	202677	15.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	218244	14.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	402302	14.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	500115	15.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1405265	17.98	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1594393	17.40	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	112387	8.55	ng/ul	0.00
58) Fluorene-d10	15.13	176	1180495	17.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	136298	11.03	ng/ul	0.00
71) Anthracene-d10	16.99	188	1673372	17.80	ng/ul	0.00
79) Pyrene-d10	19.29	212	1856088	21.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	2099531	19.54	ng/ul	-0.01

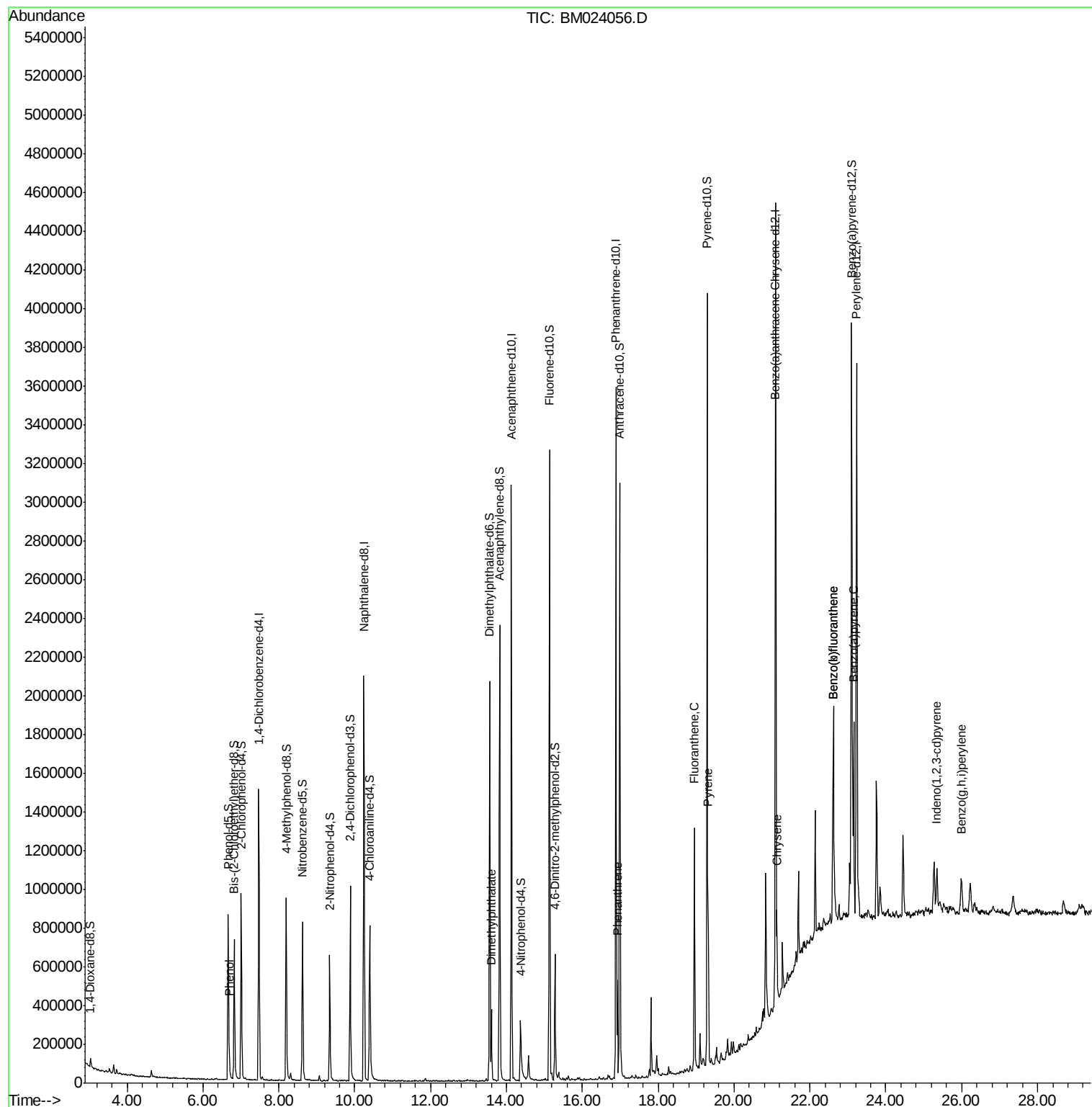
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	6.69	94	41902	1.119	ng/ul	93
45) Dimethylphthalate	13.60	163	232183	3.034	ng/ul	99
70) Phenanthrene	16.93	178	273197	2.457	ng/ul	99
77) Fluoranthene	18.96	202	704310	5.907	ng/ul	98
80) Pyrene	19.32	202	605516	5.306	ng/ul	98
83) Benzo(a)anthracene	21.08	228	267829	2.366	ng/ul	98
85) Chrysene	21.13	228	259819	2.444	ng/ul	97
88) Benzo(b)fluoranthene	22.60	252	415818	3.308	ng/ul	96
89) Benzo(k)fluoranthene	22.60	252	415818	3.485	ng/ul#	96
91) Benzo(a)pyrene	23.14	252	289830	2.439	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.35	276	210227	1.425	ng/ul	96
94) Benzo(g,h,i)perylene	25.99	276	210643	1.704	ng/ul	98

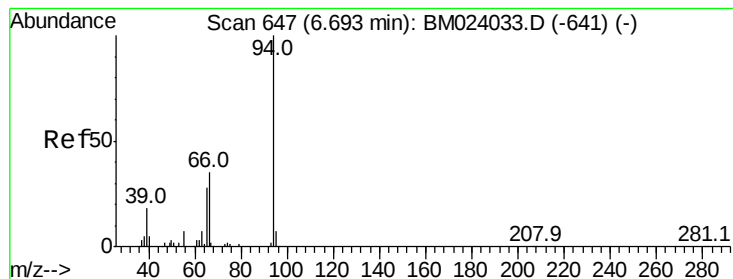
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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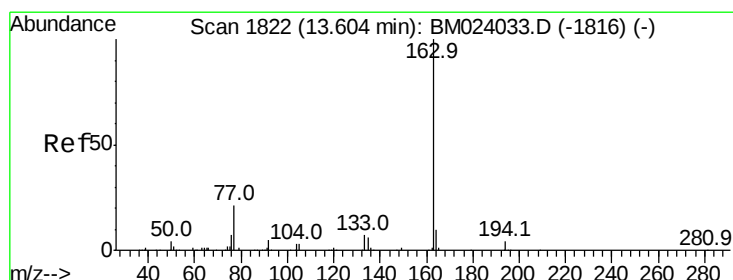
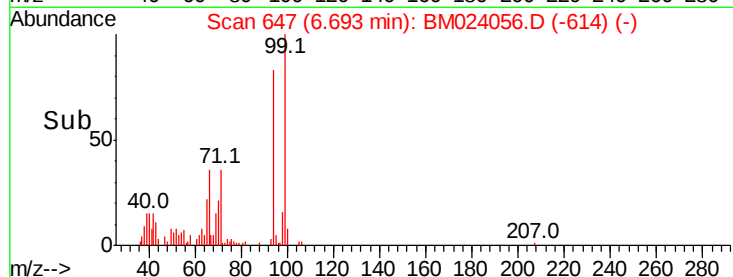
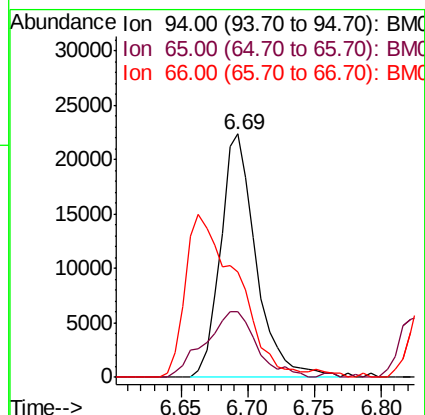
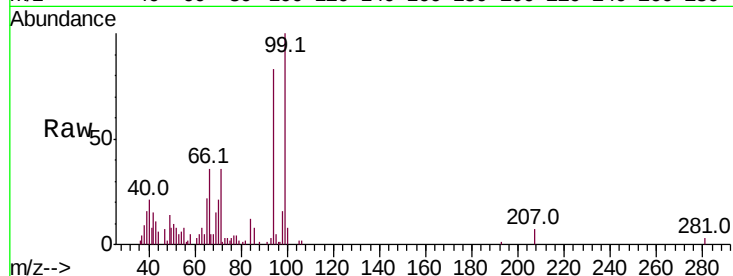
#6

Phenol

Concen: 1.119 ng/ul
 RT: 6.69 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BM024056.D
 Acq: 12 Dec 2019 13:34

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 94 Resp: 41902
 Ion Ratio Lower Upper
 94 100
 65 26.9 21.7 32.5
 66 43.0 28.8 43.2

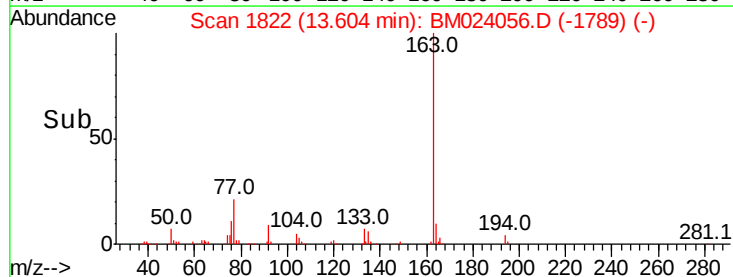
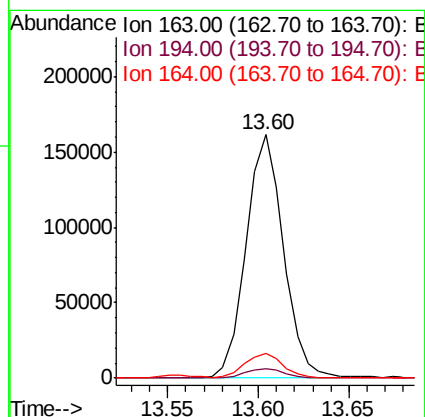
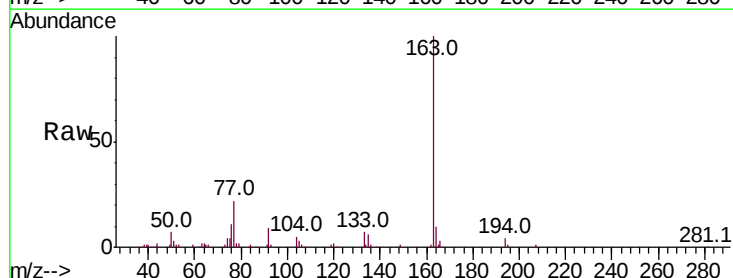


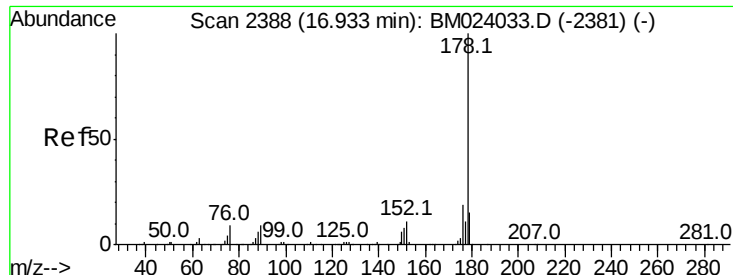
#45

Dimethylphthalate

Concen: 3.034 ng/ul
 RT: 13.60 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BM024056.D
 Acq: 12 Dec 2019 13:34

Tgt Ion: 163 Resp: 232183
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.3 4.9
 164 10.2 7.9 11.9





#70

Phenanthrene

Concen: 2.457 ng/ul

RT: 16.93 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM024056.D

Acq: 12 Dec 2019 13:34

Instrument :

BNA_M

ClientSampled :

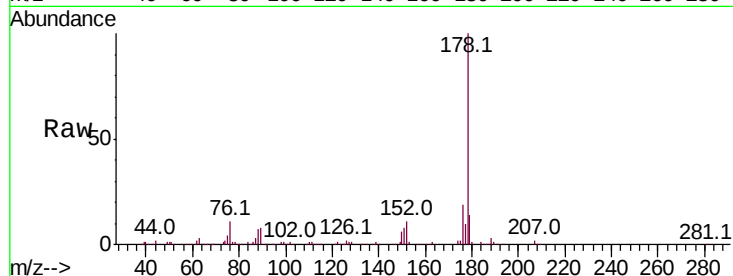
Tot Ion:178 Resp: 273197

Ion Ratio Lower Upper

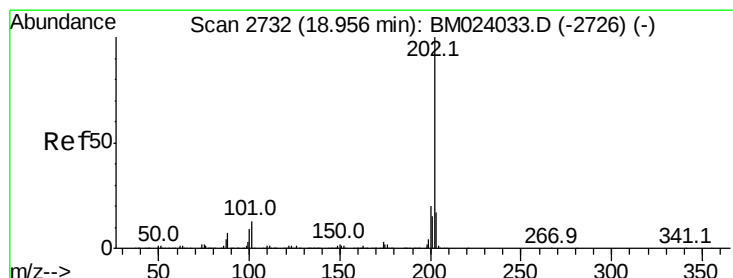
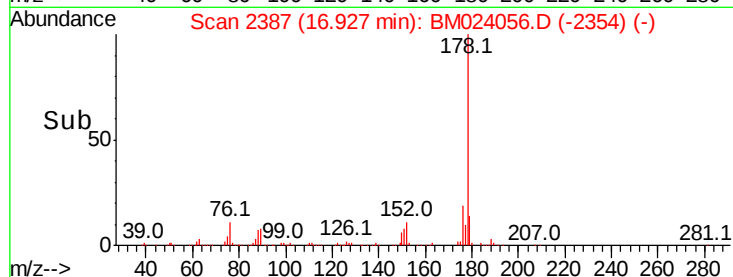
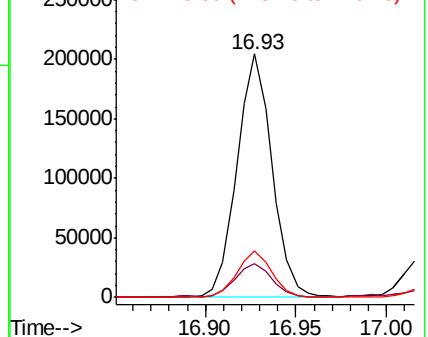
178 100

179 14.0 12.0 18.0

176 19.0 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



#77

Fluoranthene

Concen: 5.907 ng/ul

RT: 18.96 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BM024056.D

Acq: 12 Dec 2019 13:34

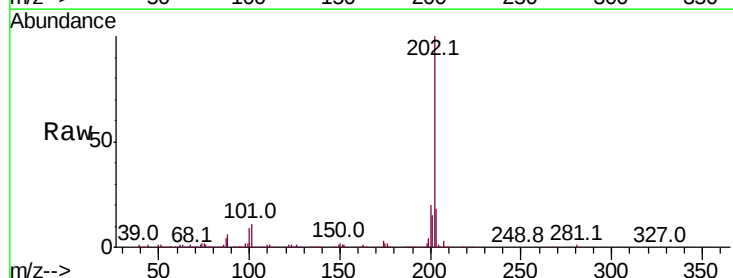
Tgt Ion:202 Resp: 704310

Ion Ratio Lower Upper

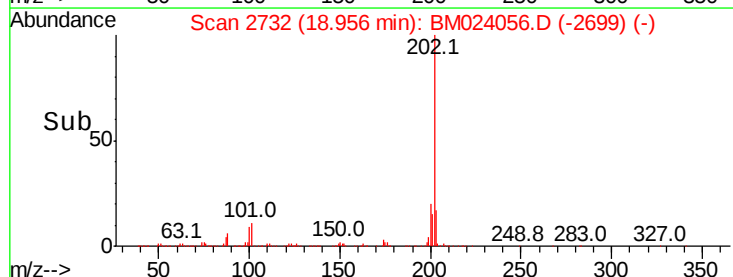
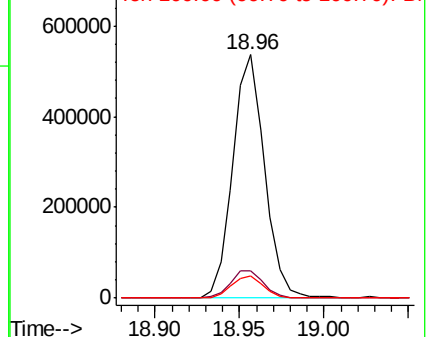
202 100

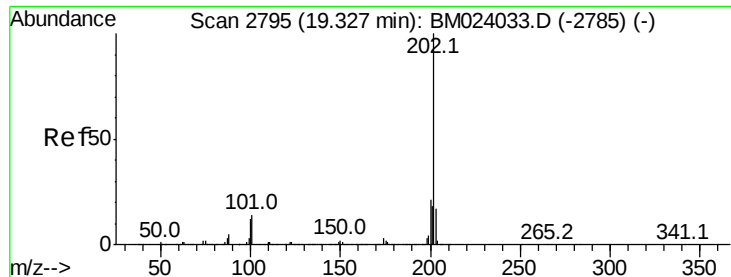
101 11.5 10.1 15.1

100 9.1 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

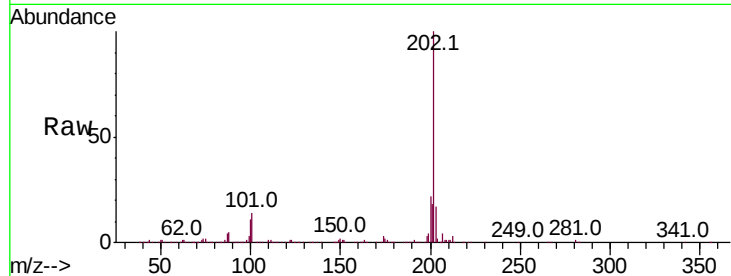




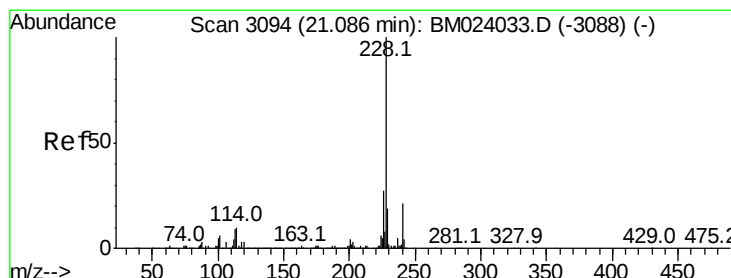
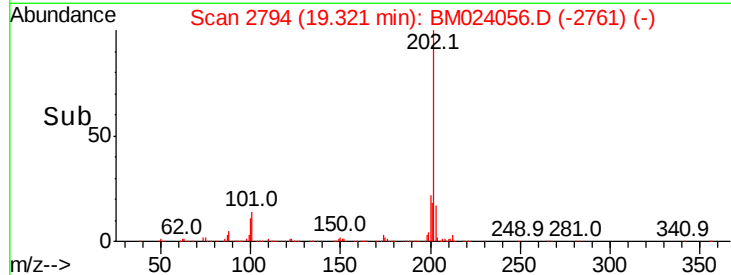
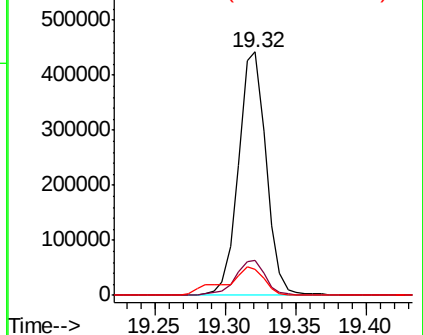
#80
Pvrene
Concen: 5.306 ng/ul
RT: 19.32 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BM024056.D
Acq: 12 Dec 2019 13:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.4	11.8	17.6
100	10.9	9.8	14.6

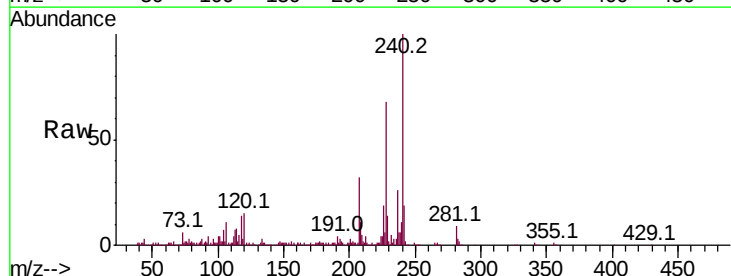


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

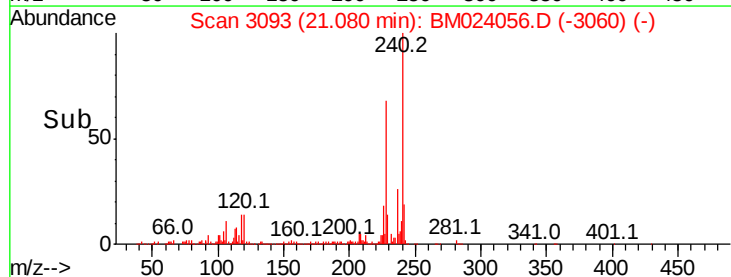
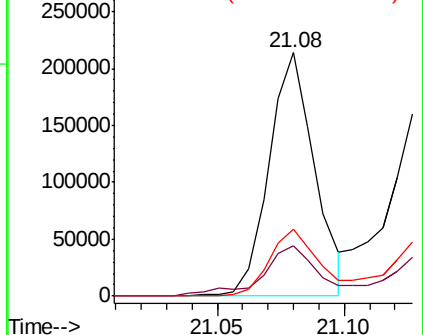


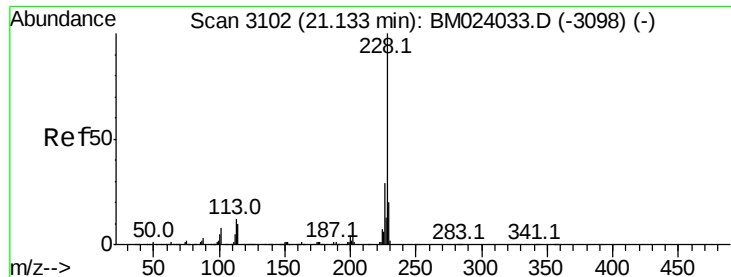
#83
Benzo(a)anthracene
Concen: 2.366 ng/ul
RT: 21.08 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM024056.D
Acq: 12 Dec 2019 13:34

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.6	23.4
226	27.4	21.4	32.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 2.444 ng/ul

RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM024056.D

Acq: 12 Dec 2019 13:34

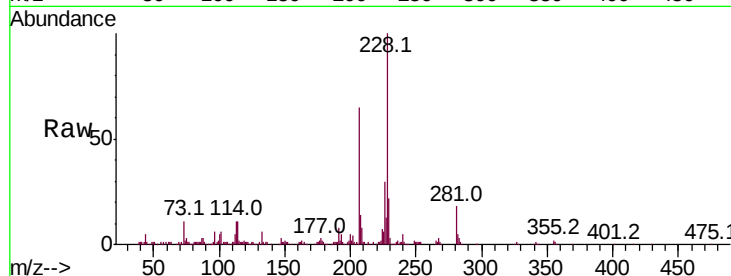
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 259819

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	21.9	15.3	22.9

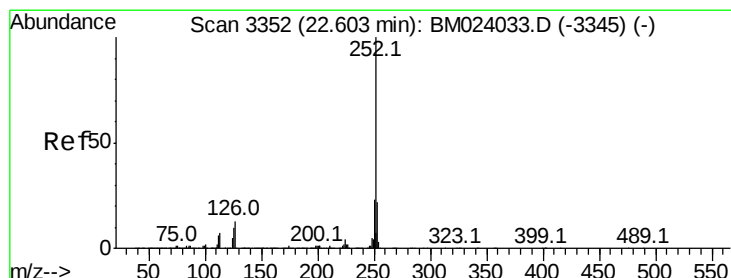
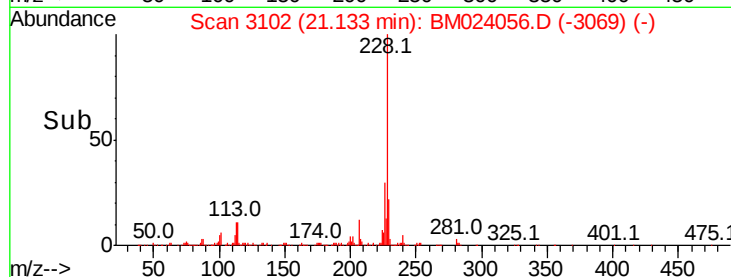
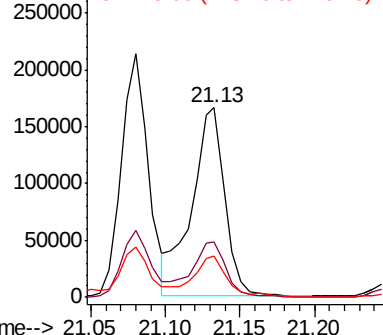


Abundance

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: 3.308 ng/ul

RT: 22.60 min Scan# 3352

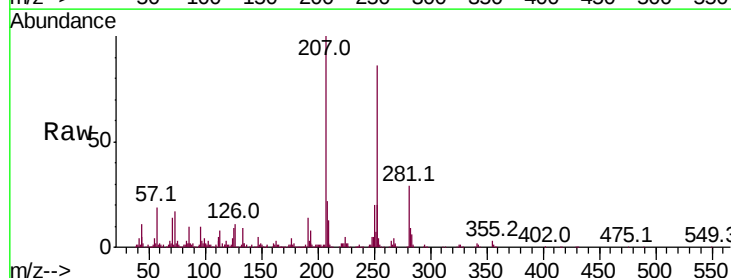
Delta R.T. -0.01 min

Lab File: BM024056.D

Acq: 12 Dec 2019 13:34

Tgt Ion:252 Resp: 415818

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	10.9	7.4	11.2

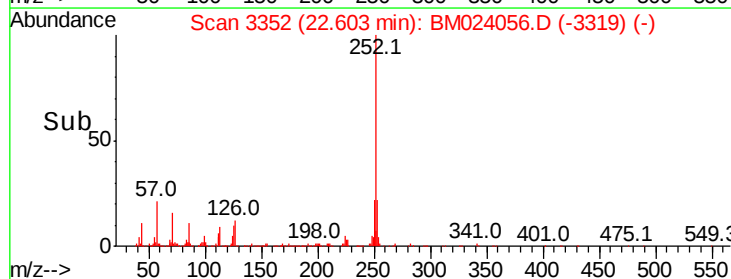
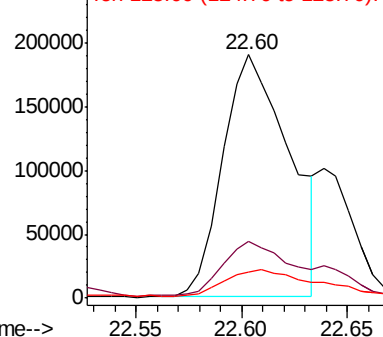


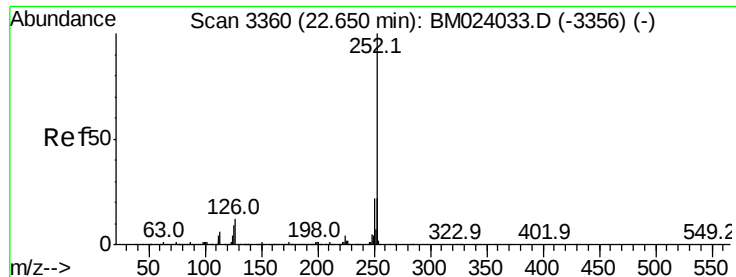
Abundance

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: 3.485 ng/ul

RT: 22.60 min Scan# 3352

Delta R.T. -0.05 min

Lab File: BM024056.D

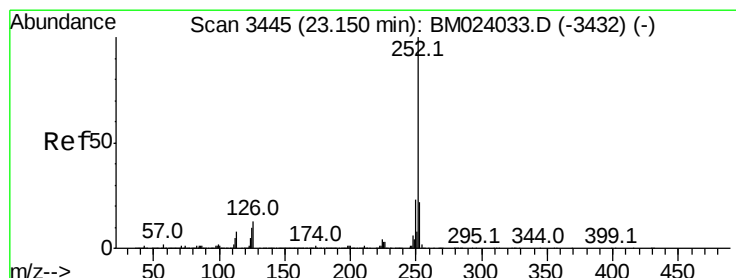
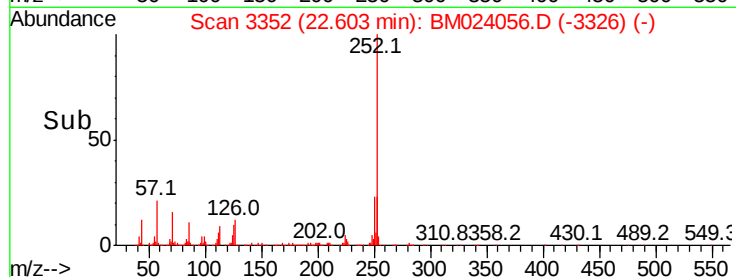
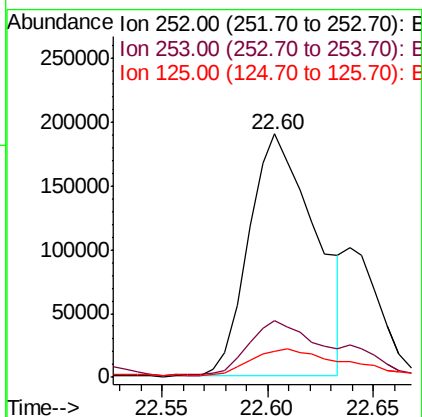
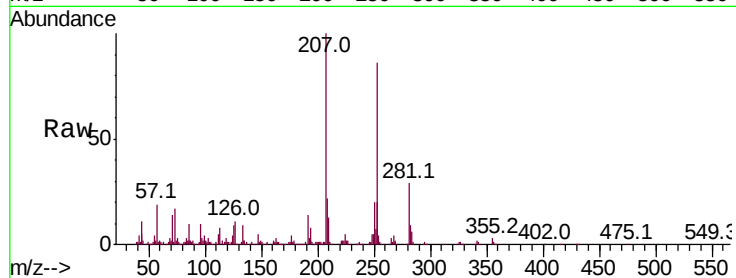
Acq: 12 Dec 2019 13:34

Instrument :

BNA_M

ClientSampled :

Tot Ion:252	Resp:	415818
Ion Ratio	Lower	Upper
252	100	
253	23.3	17.2 25.8
125	10.9	7.0 10.4#



#91

Benzo(a)pyrene

Concen: 2.439 ng/ul

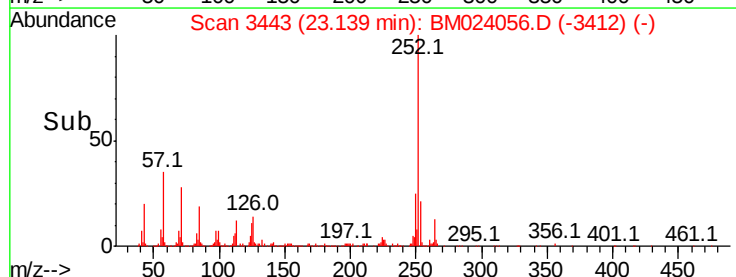
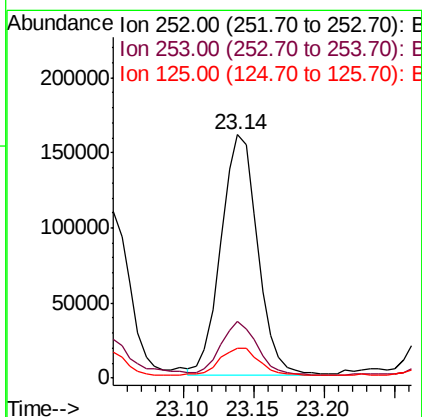
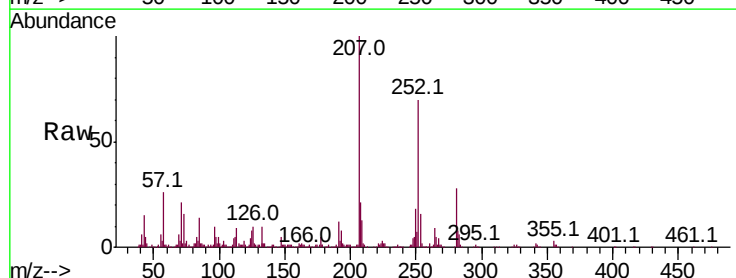
RT: 23.14 min Scan# 3443

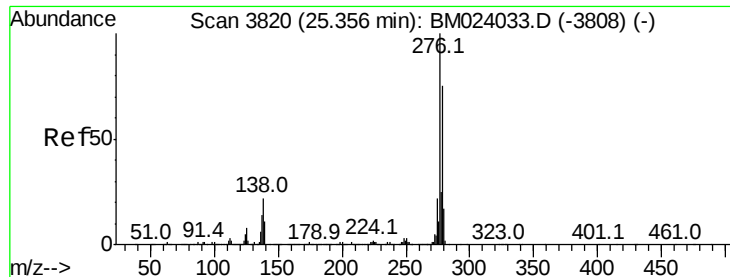
Delta R.T. -0.02 min

Lab File: BM024056.D

Acq: 12 Dec 2019 13:34

Tgt Ion:252	Resp:	289830
Ion Ratio	Lower	Upper
252	100	
253	23.3	17.2 25.8
125	12.0	7.8 11.6#



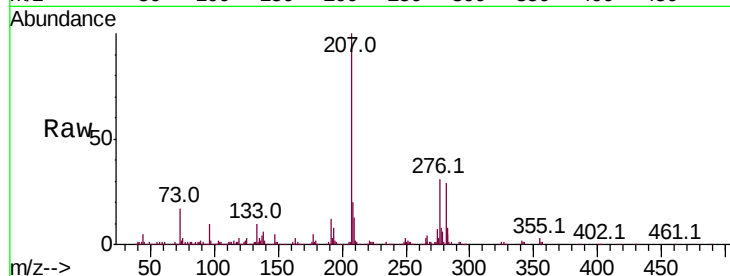


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.425 ng/ul
RT: 25.35 min Scan# 3819
Delta R.T. -0.02 min
Lab File: BM024056.D
Acq: 12 Dec 2019 13:34

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.7	17.0	25.6
277	25.0	19.8	29.8

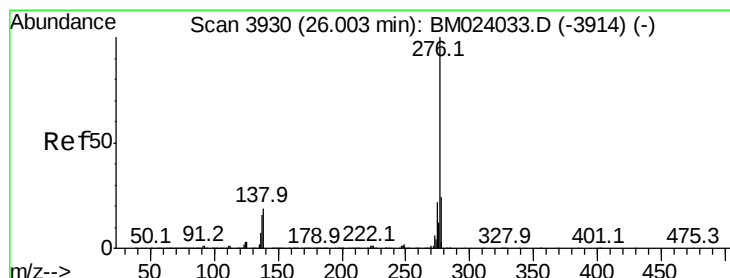
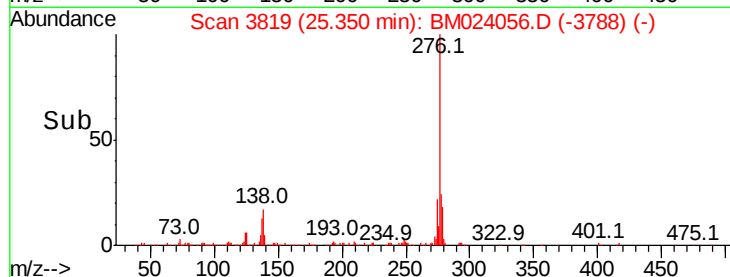
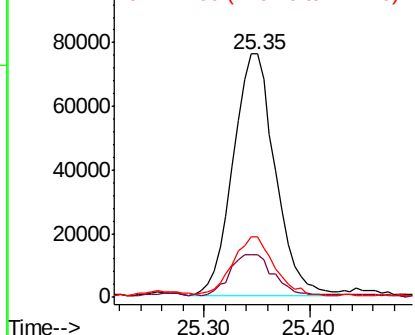


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

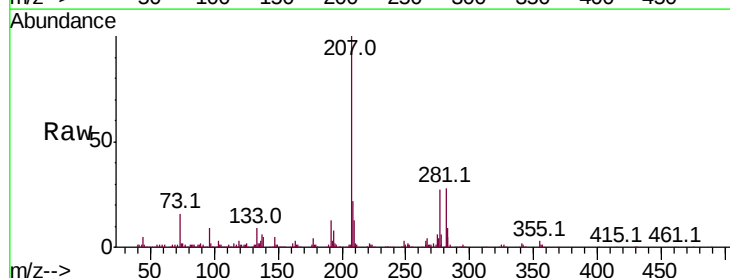
Ion 277.00 (276.70 to 277.70): E



#94

Benzo(g,h,i)perylene
Concen: 1.704 ng/ul
RT: 25.99 min Scan# 3928
Delta R.T. -0.02 min
Lab File: BM024056.D
Acq: 12 Dec 2019 13:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.0	14.9	22.3
277	22.8	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

