

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
 Data File : BM024159.D
 Acq On : 18 Dec 2019 19:12
 Operator : JU
 Sample : K6171-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 19 02:42:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 17 15:54:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	319651	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	1500846	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	977724	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	2070856	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	1978879	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	1947626	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	20178	2.79	ng/uL	0.00
5) Phenol-d5	6.65	99	458722	15.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	291929	16.08	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	350459	16.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	367618	14.86	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	169956	15.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	185487	15.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	360054	15.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	421680	15.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1185456	16.40	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1420365	16.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	108243	8.34	ng/ul	0.00
58) Fluorene-d10	15.11	176	1075668	16.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	113884	9.01	ng/ul	0.00
71) Anthracene-d10	16.96	188	1647538	17.49	ng/ul	0.00
79) Pyrene-d10	19.27	212	1876389	19.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1806641	18.67	ng/ul	0.00

Target Compounds

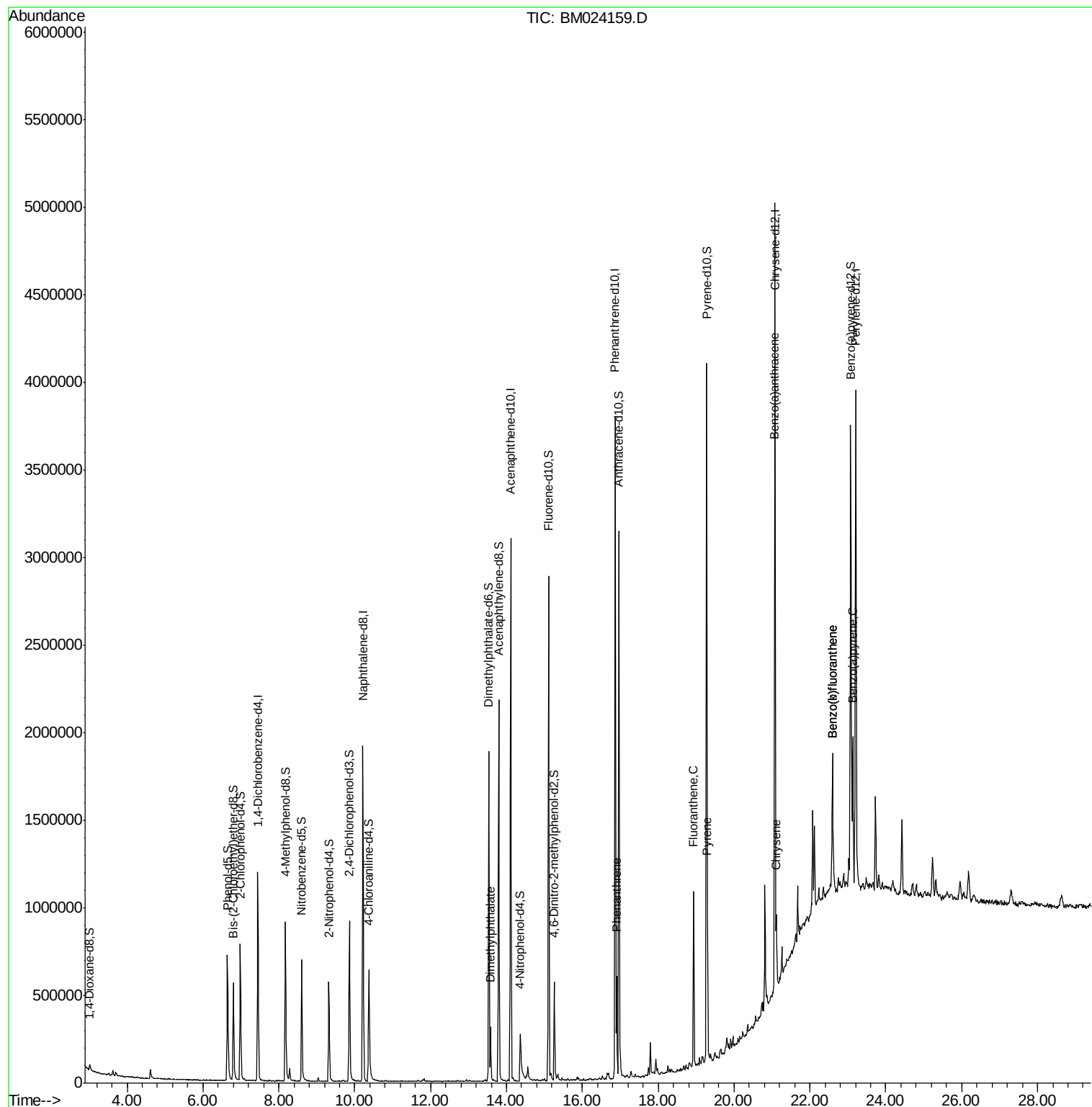
					Ovalue
45) Dimethylphthalate	13.58	163	197233	2.625	ng/ul 99
70) Phenanthrene	16.90	178	317595	2.739	ng/ul 99
77) Fluoranthene	18.94	202	603085	4.773	ng/ul 97
80) Pyrene	19.30	202	487249	3.772	ng/ul 99
83) Benzo(a)anthracene	21.06	228	232380	1.843	ng/ul 99
85) Chrysene	21.12	228	216234	1.750	ng/ul 98
88) Benzo(b)fluoranthene	22.58	252	255816	2.195	ng/ul# 93
89) Benzo(k)fluoranthene	22.58	252	255816	2.237	ng/ul# 94
91) Benzo(a)pyrene	23.12	252	166266	1.577	ng/ul# 94

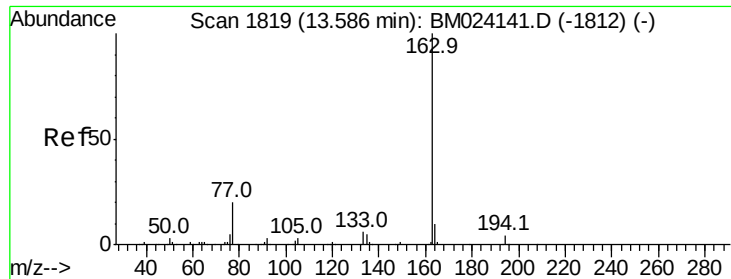
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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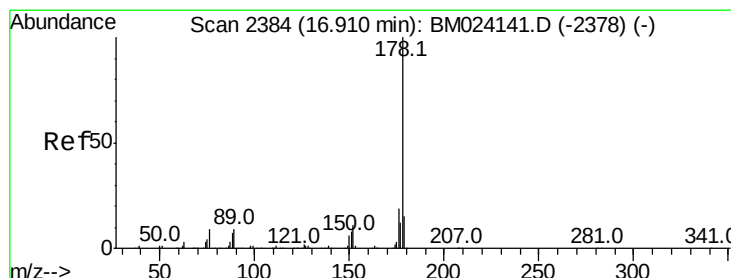
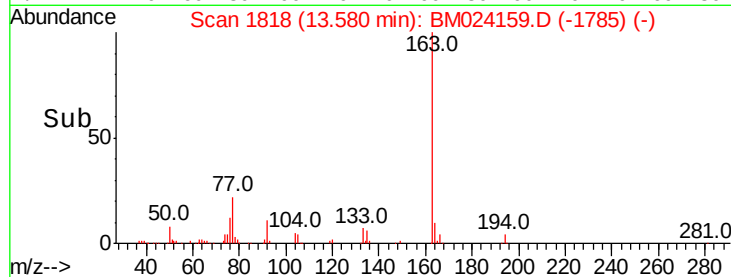
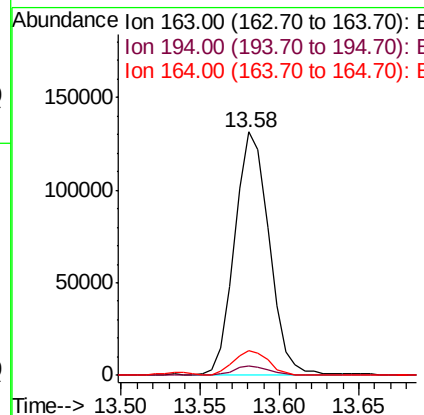
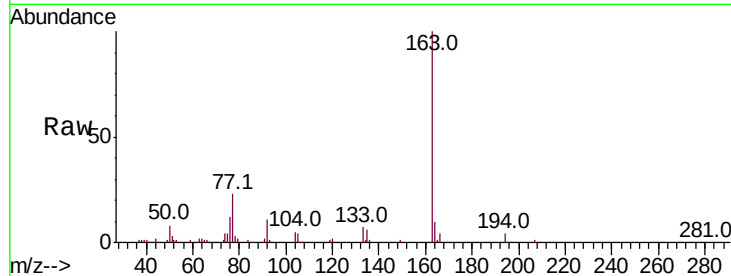




#45
Dimethylphthalate
Concen: 2.625 ng/ul
RT: 13.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM024159.D
Acq: 18 Dec 2019 19:12

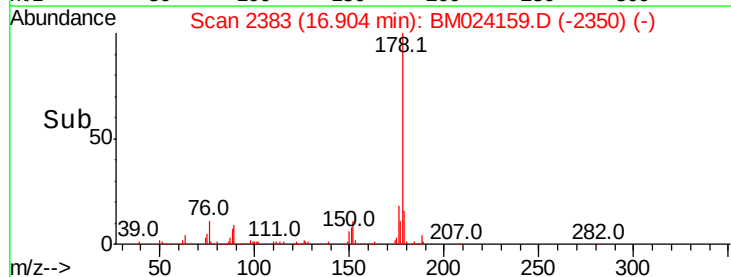
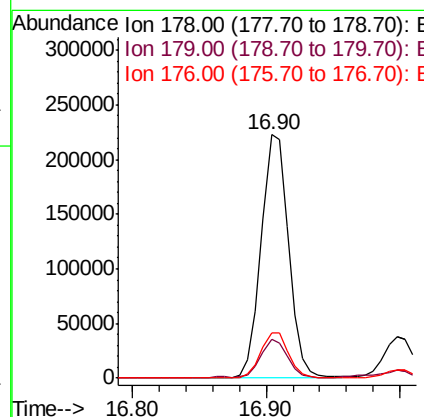
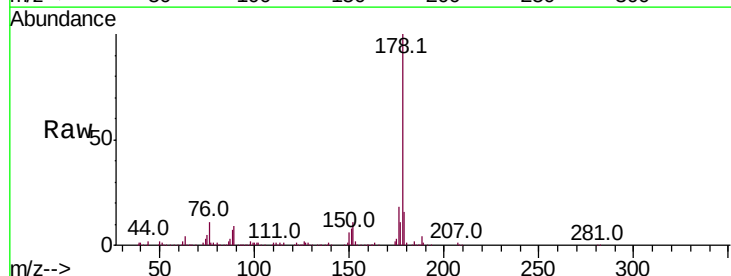
Instrument :
BNA_M
ClientSampleId :

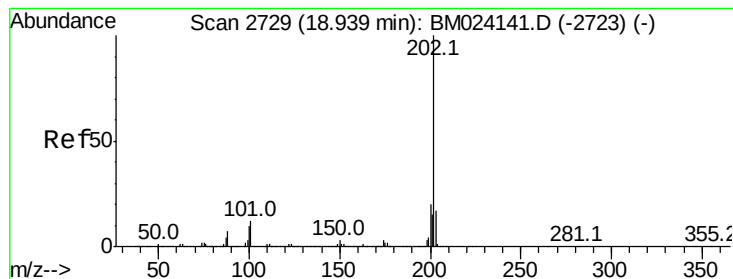
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.2	7.8	11.6



#70
Phenanthrene
Concen: 2.739 ng/ul
RT: 16.90 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM024159.D
Acq: 18 Dec 2019 19:12

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	18.3	15.1	22.7





#77

Fluoranthene

Concen: 4.773 ng/ul

RT: 18.94 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM024159.D

Acq: 18 Dec 2019 19:12

Instrument :

BNA_M

ClientSampled :

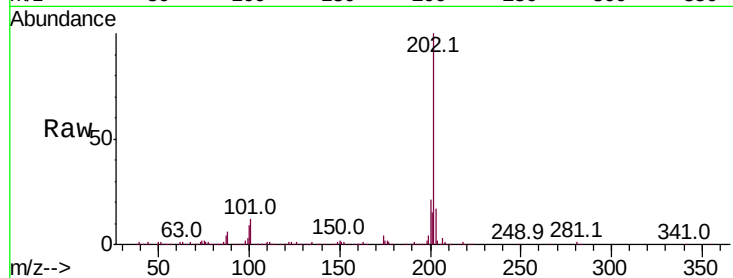
Tot Ion:202 Resp: 603085

Ion Ratio Lower Upper

202 100

101 11.9 10.6 15.8

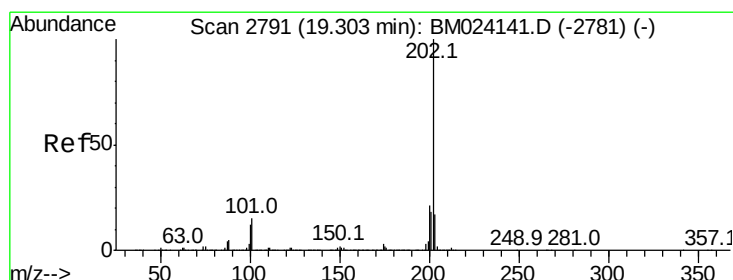
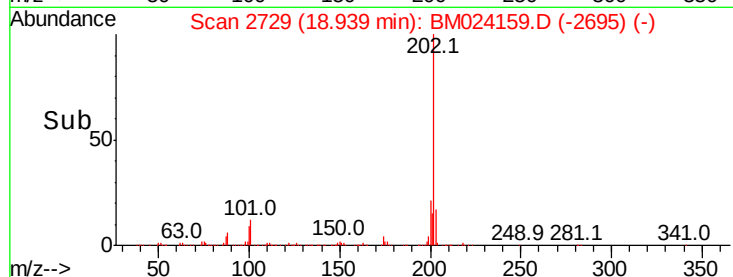
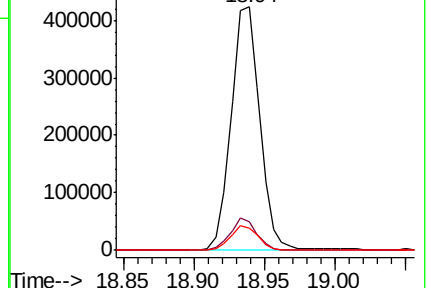
100 9.2 8.1 12.1



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: 3.772 ng/ul

RT: 19.30 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BM024159.D

Acq: 18 Dec 2019 19:12

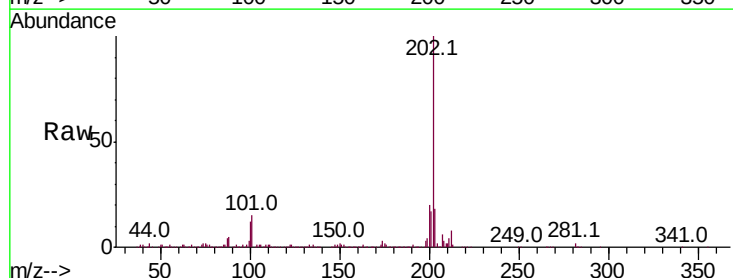
Tgt Ion:202 Resp: 487249

Ion Ratio Lower Upper

202 100

101 14.8 12.2 18.4

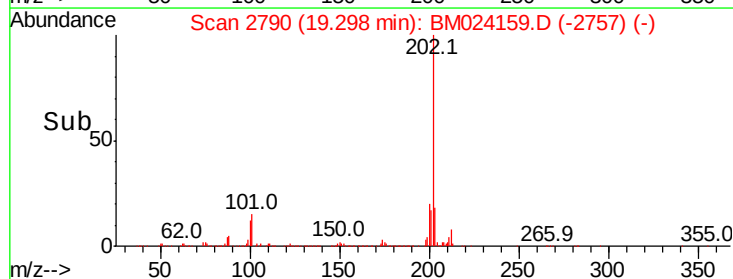
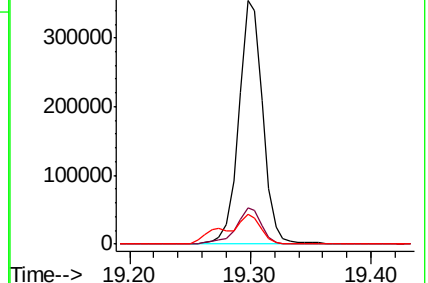
100 12.4 10.0 15.0

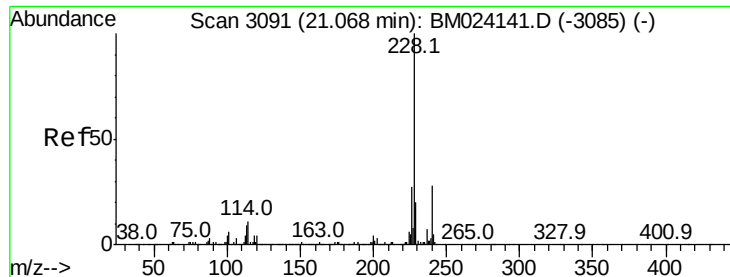


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 1.843 ng/ul

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM024159.D

Acq: 18 Dec 2019 19:12

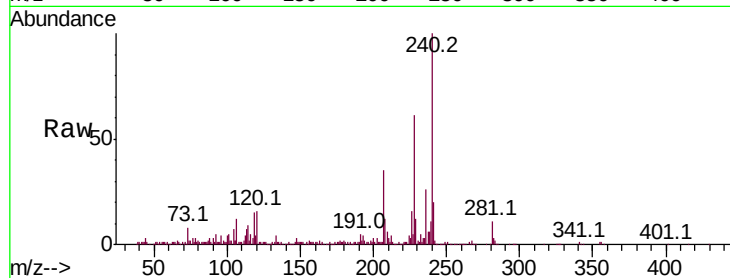
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 232380

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.8	23.8
226	26.9	22.2	33.2

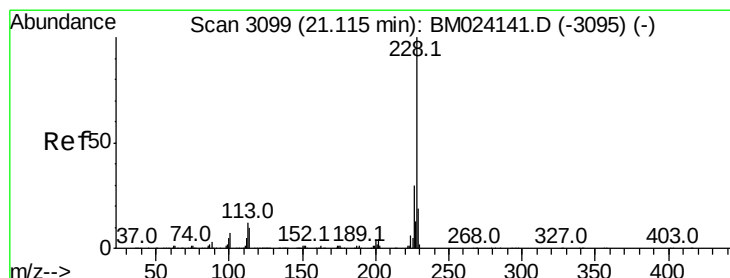
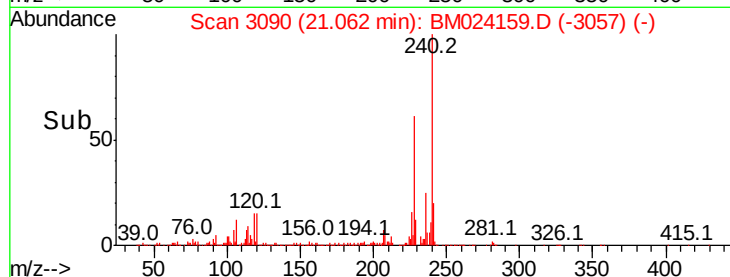
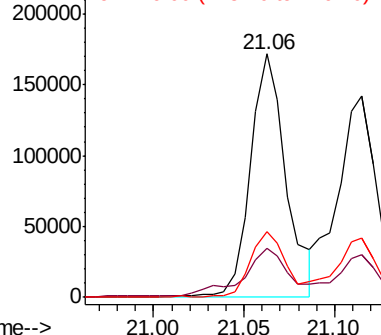


Abundance

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: 1.750 ng/ul

RT: 21.12 min Scan# 3099

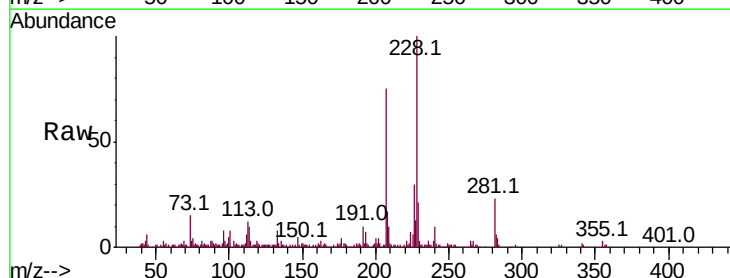
Delta R.T. -0.01 min

Lab File: BM024159.D

Acq: 18 Dec 2019 19:12

Tgt Ion:228 Resp: 216234

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	21.4	15.4	23.2

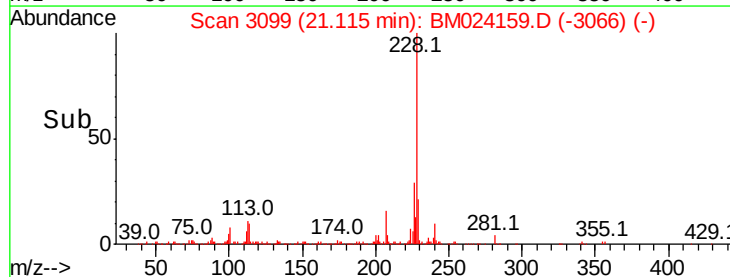
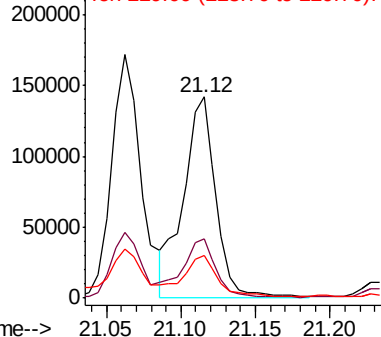


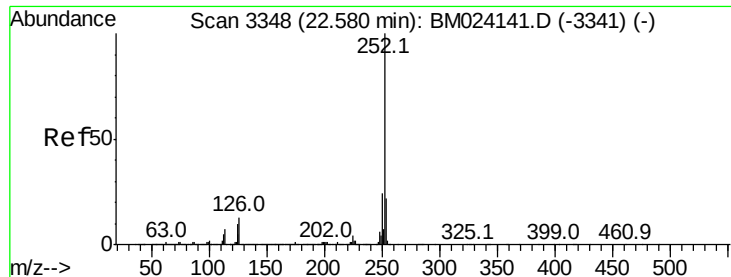
Abundance

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: 2.195 ng/ul

RT: 22.58 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BM024159.D

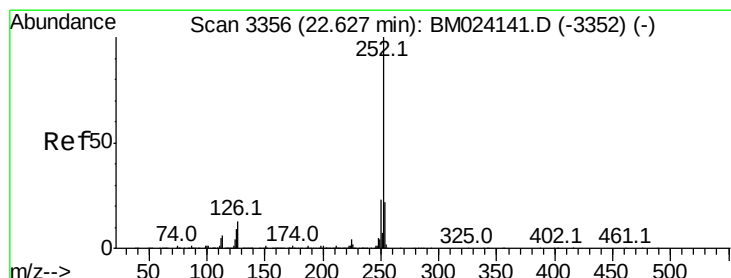
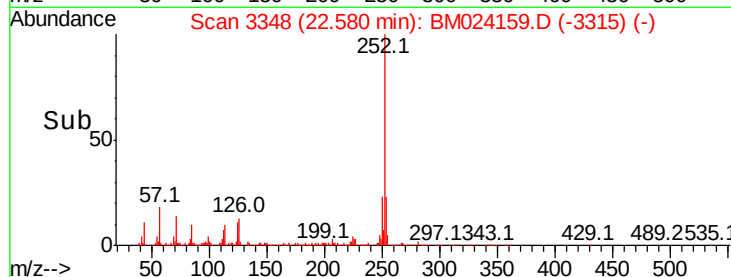
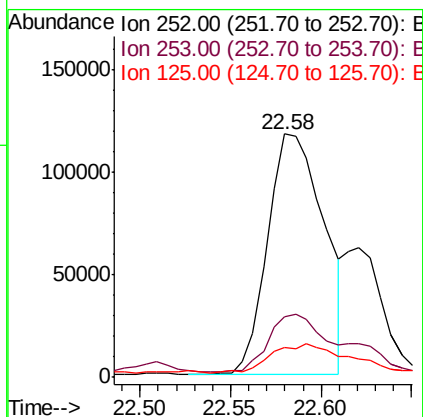
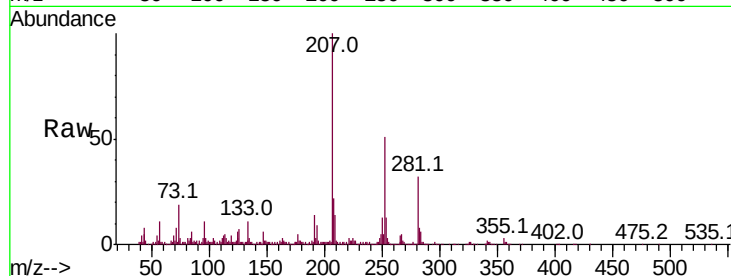
Acq: 18 Dec 2019 19:12

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	255816
Ion Ratio	Lower	Upper
252	100	
253	24.9	17.2 25.8
125	12.3	7.8 11.8#



#89

Benzo(k)fluoranthene

Concen: 2.237 ng/ul

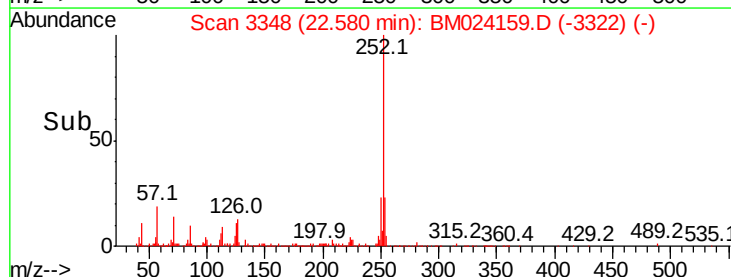
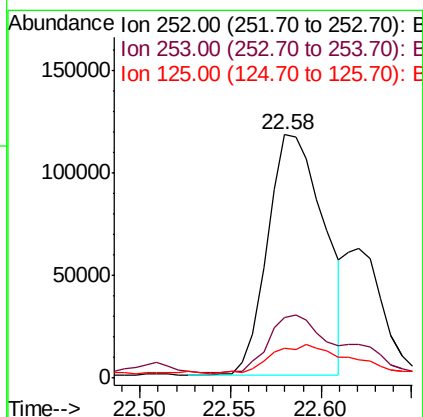
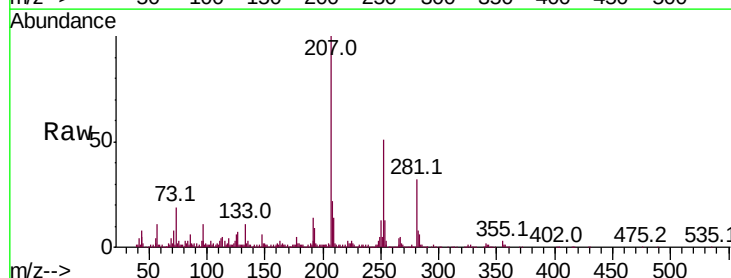
RT: 22.58 min Scan# 3348

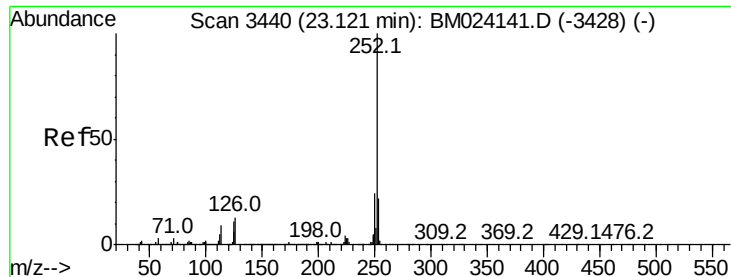
Delta R.T. -0.05 min

Lab File: BM024159.D

Acq: 18 Dec 2019 19:12

Tgt Ion:252	Resp:	255816
Ion Ratio	Lower	Upper
252	100	
253	24.9	17.8 26.8
125	12.3	7.9 11.9#





#91

Benzo(a)pyrene

Concen: 1.577 ng/ul

RT: 23.12 min Scan# 3439

Delta R.T. -0.01 min

Lab File: BM024159.D

Acq: 18 Dec 2019 19:12

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	166266
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.5	26.3
125	14.3	8.2	12.4

