

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
 Data File : BM024168.D
 Acq On : 19 Dec 2019 00:35
 Operator : JU
 Sample : K6171-11
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BW2

Quant Time: Dec 19 03:58:10 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	401702	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	1845871	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	1155968	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	2377725	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1869746	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1765610	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	28265	3.11	ng/uL	0.00
5) Phenol-d5	6.65	99	604535	15.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	390823	17.13	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	491894	18.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	416354	13.39	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	240889	18.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	271883	18.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	507665	17.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	412085	11.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1641457	19.20	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	2033562	19.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	108277	7.05	ng/ul	0.00
58) Fluorene-d10	15.11	176	1483795	19.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	92670	6.39	ng/ul	0.00
71) Anthracene-d10	16.96	188	2214559	20.47	ng/ul	0.00
79) Pyrene-d10	19.27	212	2318462	26.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1882090	21.46	ng/ul	0.00

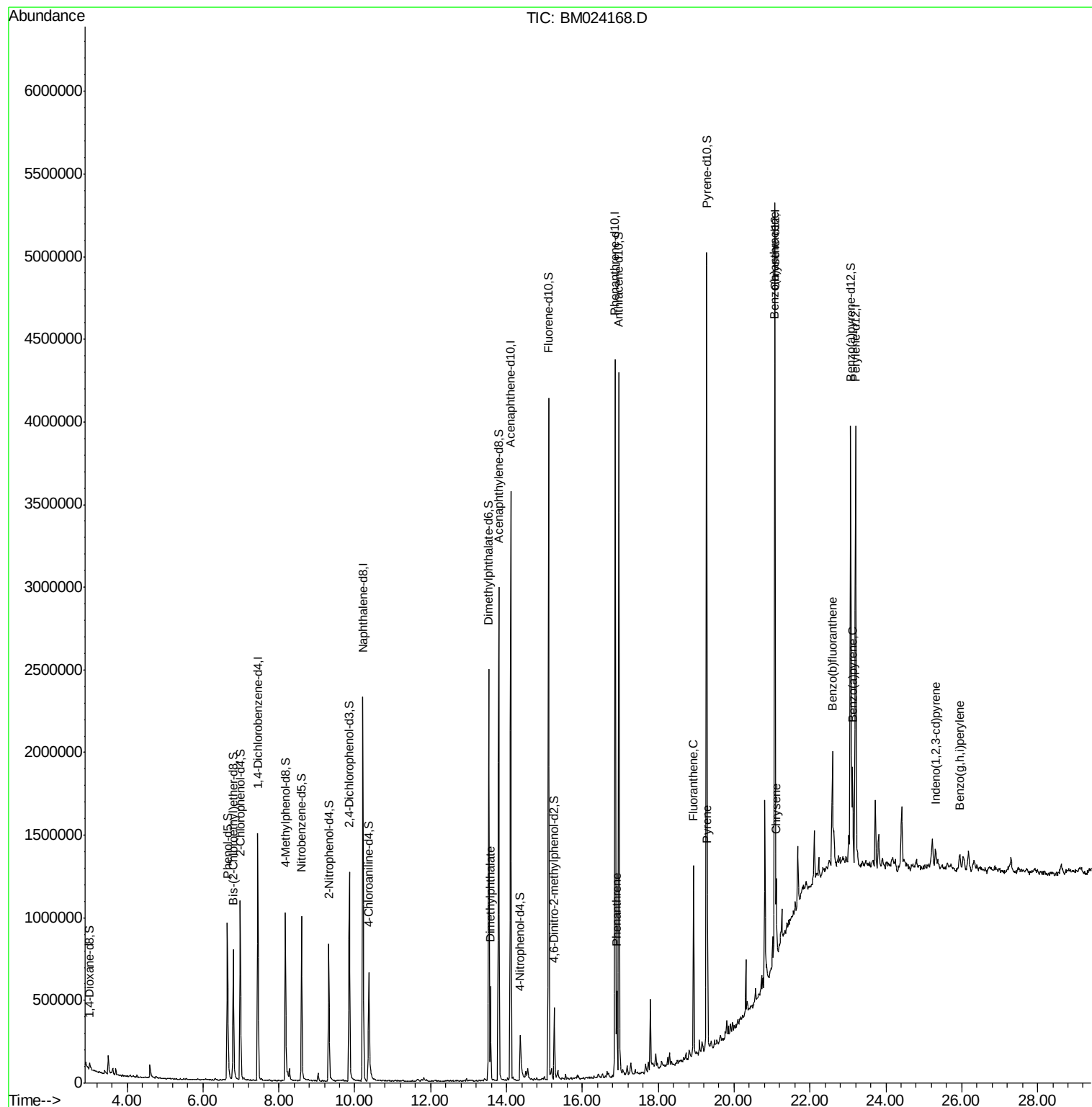
Target Compounds				Ovalue		
45) Dimethylphthalate	13.58	163	349355	3.932	ng/ul	98
70) Phenanthrene	16.90	178	281231	2.113	ng/ul	99
77) Fluoranthene	18.93	202	648551	4.470	ng/ul	98
80) Pyrene	19.30	202	519045	4.252	ng/ul	100
83) Benzo(a)anthracene	21.06	228	210393	1.766	ng/ul	99
85) Chrysene	21.11	228	231459	1.982	ng/ul	96
88) Benzo(b)fluoranthene	22.58	252	280250	2.653	ng/ul#	95
91) Benzo(a)pyrene	23.12	252	158152	1.655	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.31	276	116999	1.020	ng/ul#	93
94) Benzo(g,h,i)perylene	25.95	276	117987	1.259	ng/ul	95

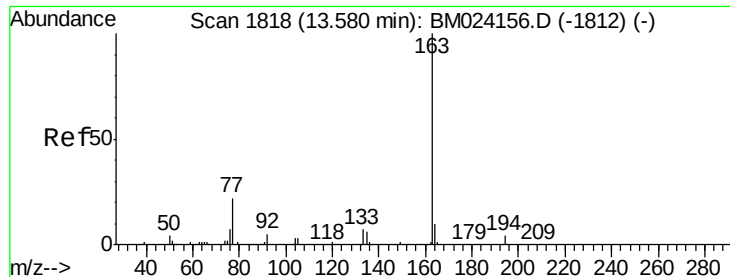
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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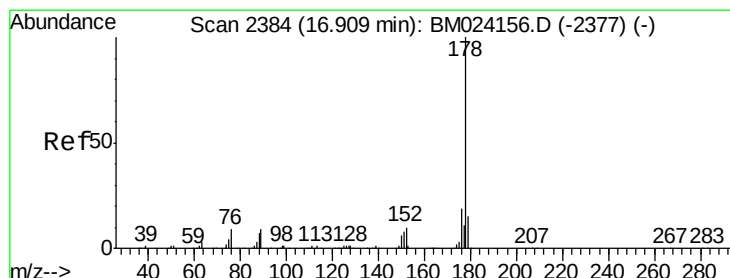
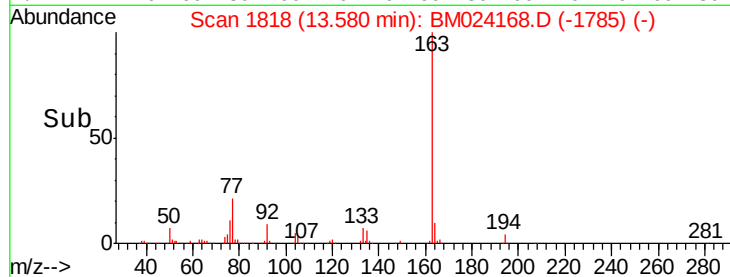
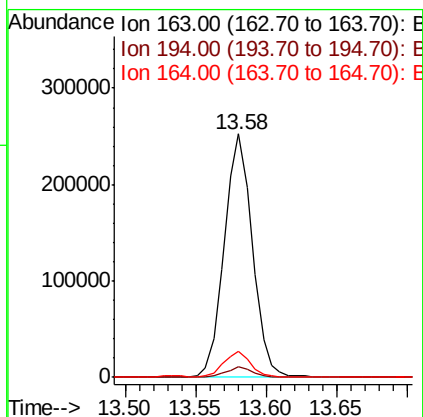
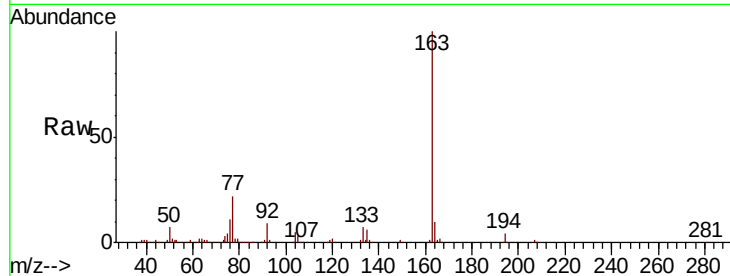




#45
Dimethylphthalate
Concen: 3.932 ng/ul
RT: 13.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM024168.D
Acq: 19 Dec 2019 00:35

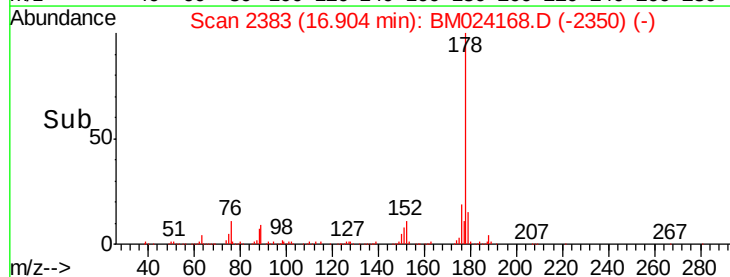
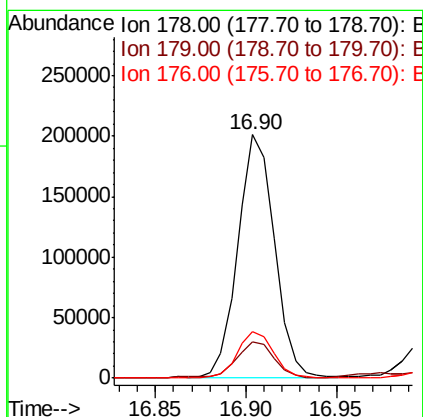
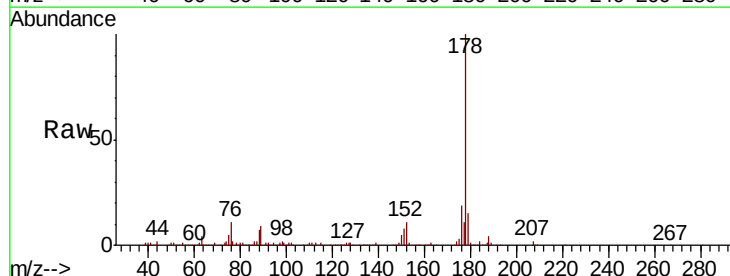
Instrument :
BNA_M
ClientSampleId :
C0BW2

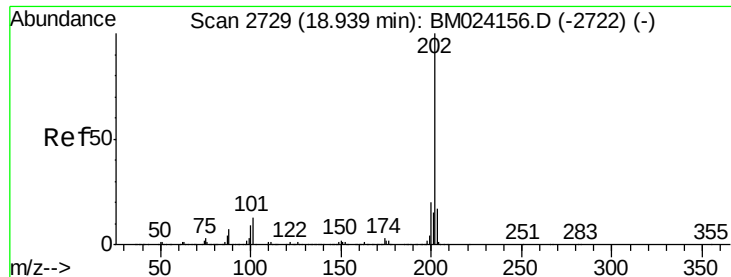
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	10.5	7.8	11.6



#70
Phenanthrene
Concen: 2.113 ng/ul
RT: 16.90 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM024168.D
Acq: 19 Dec 2019 00:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	18.9	15.1	22.7

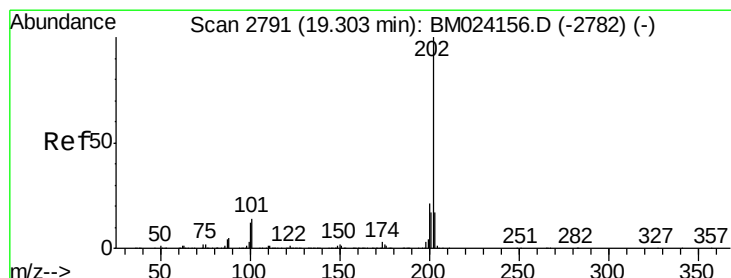
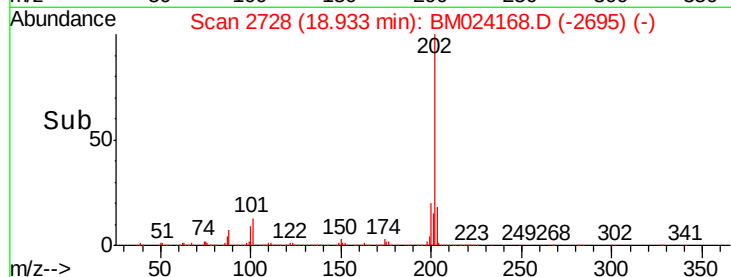
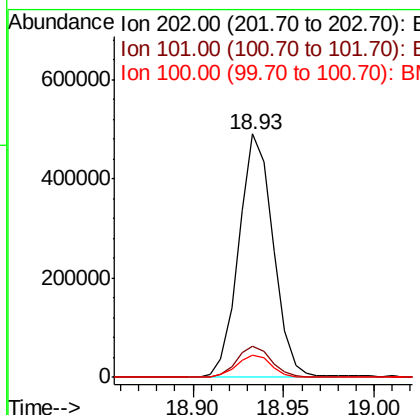
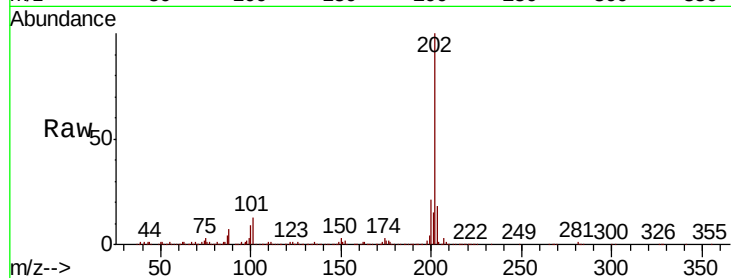




#77
Fluoranthene
Concen: 4.470 ng/ul
RT: 18.93 min Scan# 2728
Delta R.T. -0.01 min
Lab File: BM024168.D
Acq: 19 Dec 2019 00:35

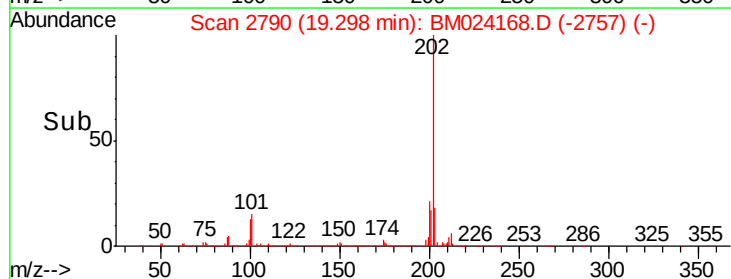
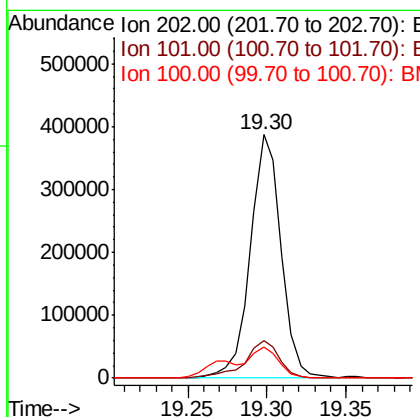
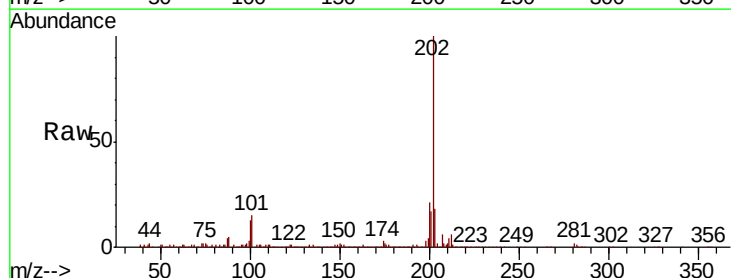
Instrument :
BNA_M
ClientSampleId :
C0BW2

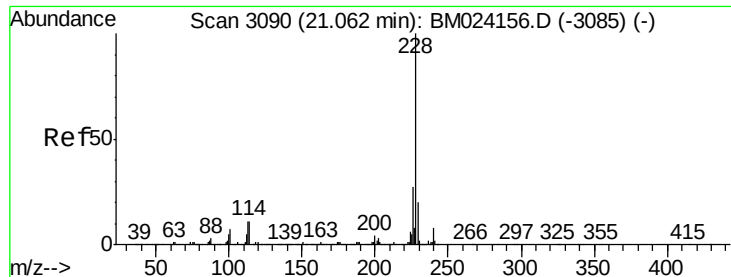
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.6	15.8
100	9.1	8.1	12.1



#80
Pyrene
Concen: 4.252 ng/ul
RT: 19.30 min Scan# 2790
Delta R.T. -0.01 min
Lab File: BM024168.D
Acq: 19 Dec 2019 00:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.2	18.4
100	12.5	10.0	15.0





#83

Benzo(a)anthracene

Concen: 1.766 ng/ul

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM024168.D

Acq: 19 Dec 2019 00:35

Instrument :

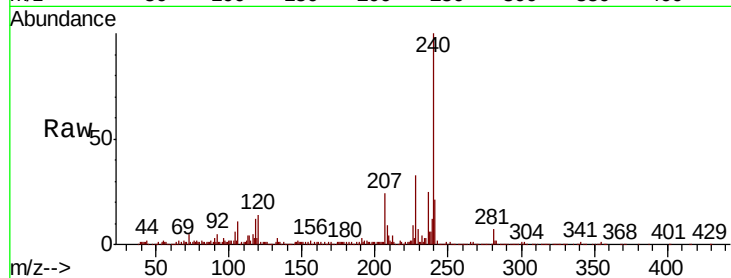
BNA_M

ClientSampleId :

C0BW2

Tot Ion:228 Resp: 210393

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.8
226	27.8	22.2	33.2

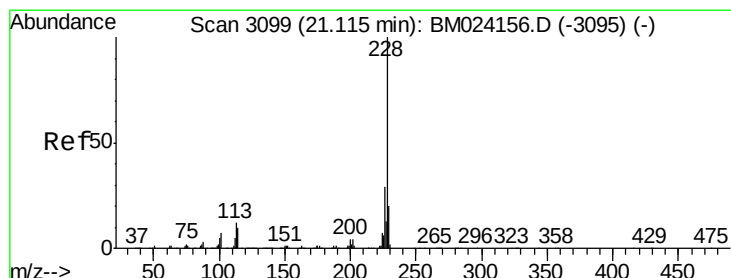
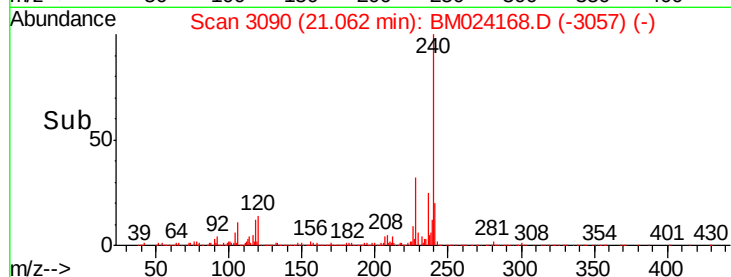
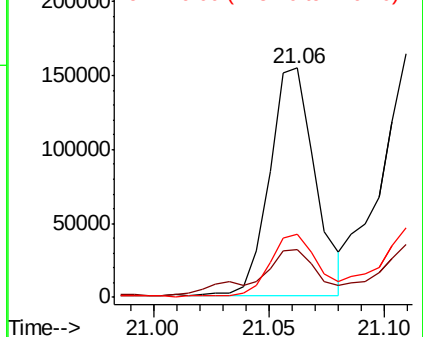


Abundance

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: 1.982 ng/ul

RT: 21.11 min Scan# 3098

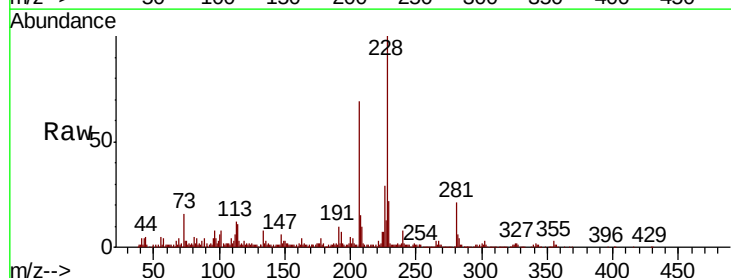
Delta R.T. -0.01 min

Lab File: BM024168.D

Acq: 19 Dec 2019 00:35

Tgt Ion:228 Resp: 231459

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.0	36.0
229	22.0	15.4	23.2

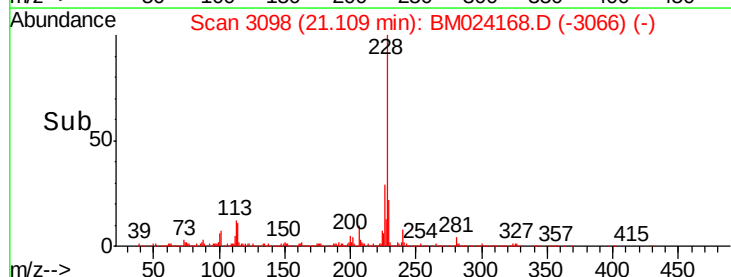
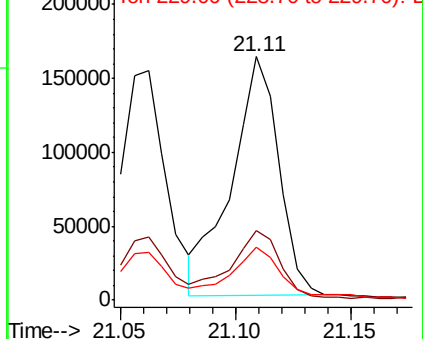


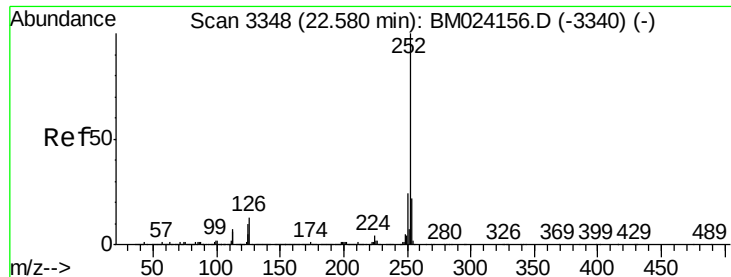
Abundance

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: 2.653 ng/ul

RT: 22.58 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BM024168.D

Acq: 19 Dec 2019 00:35

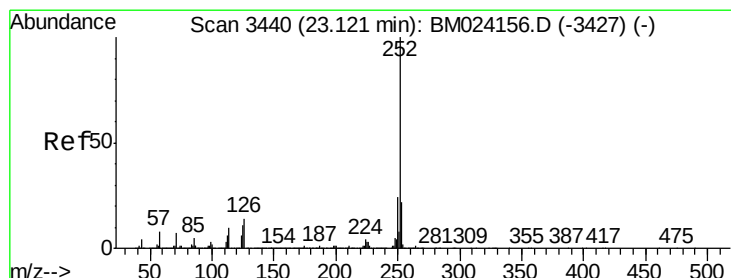
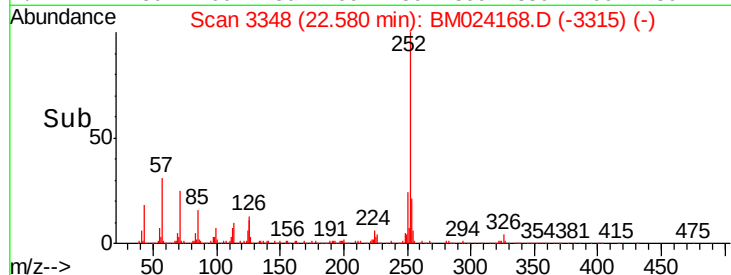
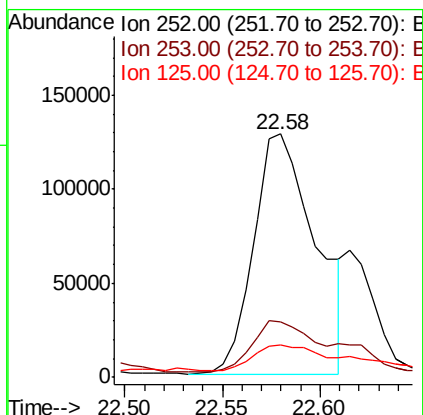
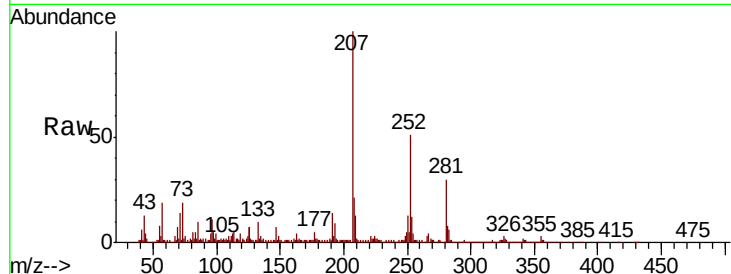
Instrument :

BNA_M

ClientSampleId :

C0BW2

Tot Ion:252	Resp:	280250
Ion Ratio	Lower	Upper
252	100	
253	23.0	17.2 25.8
125	13.5	7.8 11.8#



#91

Benzo(a)pyrene

Concen: 1.655 ng/ul

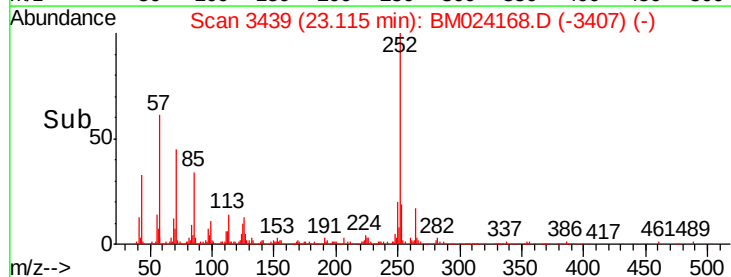
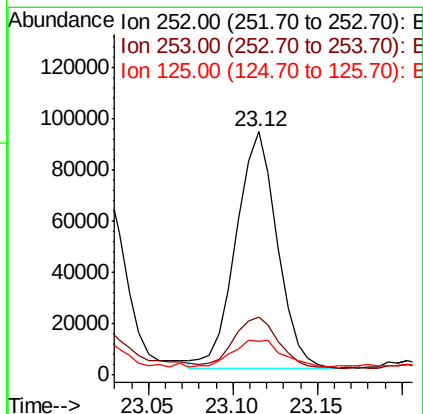
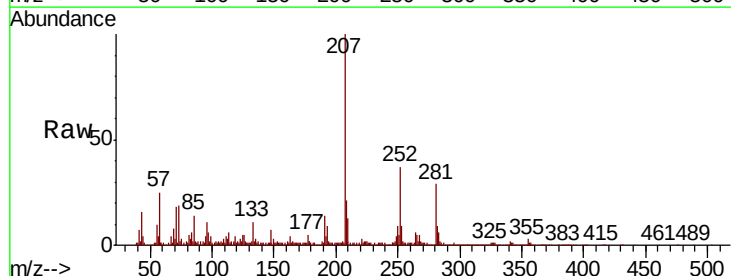
RT: 23.12 min Scan# 3439

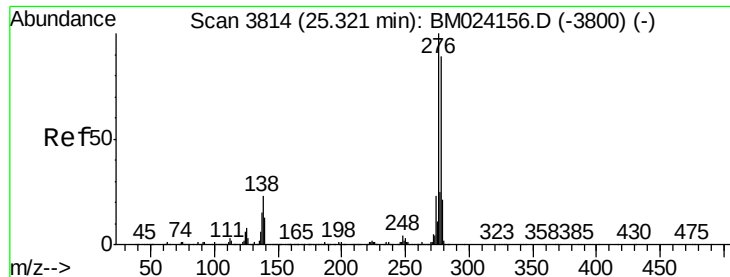
Delta R.T. -0.01 min

Lab File: BM024168.D

Acq: 19 Dec 2019 00:35

Tgt Ion:252	Resp:	158152
Ion Ratio	Lower	Upper
252	100	
253	24.0	17.5 26.3
125	14.1	8.2 12.4#



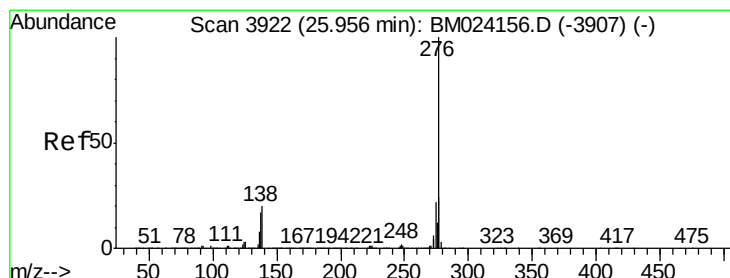
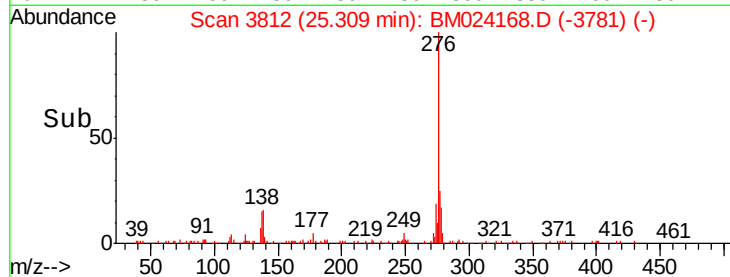
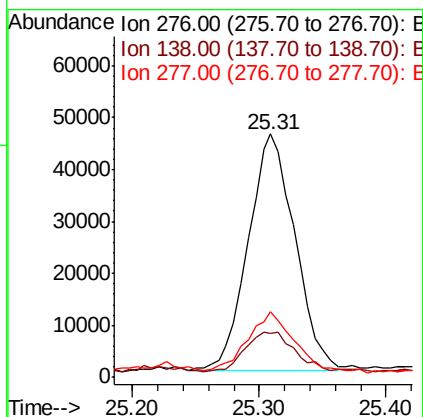
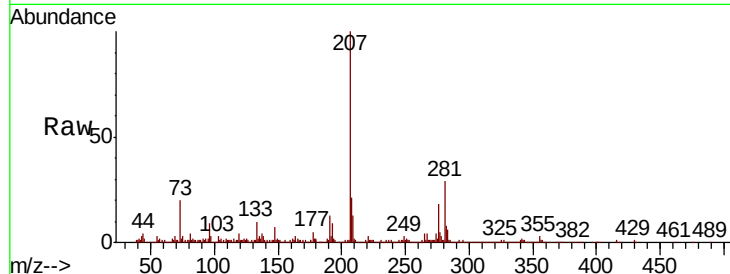


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.020 ng/ul
RT: 25.31 min Scan# 3812
Delta R.T. -0.02 min
Lab File: BM024168.D
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BNA_M
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Tot Ion	Ratio	Lower	Upper
276	100		
138	18.1	18.3	27.5#
277	27.0	20.2	30.2



#94

Benzo(g,h,i)perylene
Concen: 1.259 ng/ul
RT: 25.95 min Scan# 3921
Delta R.T. -0.02 min
Lab File: BM024168.D
Acq: 19 Dec 2019 00:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	15.3	22.9
277	27.2	19.3	28.9

