

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
 Data File : BM024358.D
 Acq On : 28 Dec 2019 20:23
 Operator : JU
 Sample : K6278-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0C67

Quant Time: Dec 29 01:52:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 29 01:30:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	356153	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	1586364	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	966004	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	2011525	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	1915982	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	2332782	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	28520	3.54	ng/uL	0.01
5) Phenol-d5	6.62	99	509142	15.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	342263	16.92	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	404289	16.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	399277	14.48	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	187431	16.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	203061	16.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	360834	14.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	358924	12.13	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	1074623	15.04	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	1325649	15.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	115631	9.02	ng/ul	0.01
58) Fluorene-d10	15.08	176	951830	15.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	107695	8.78	ng/ul	0.00
71) Anthracene-d10	16.93	188	1397785	15.27	ng/ul	0.00
79) Pyrene-d10	19.25	212	1511952	16.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1808409	15.61	ng/ul	0.00

Target Compounds

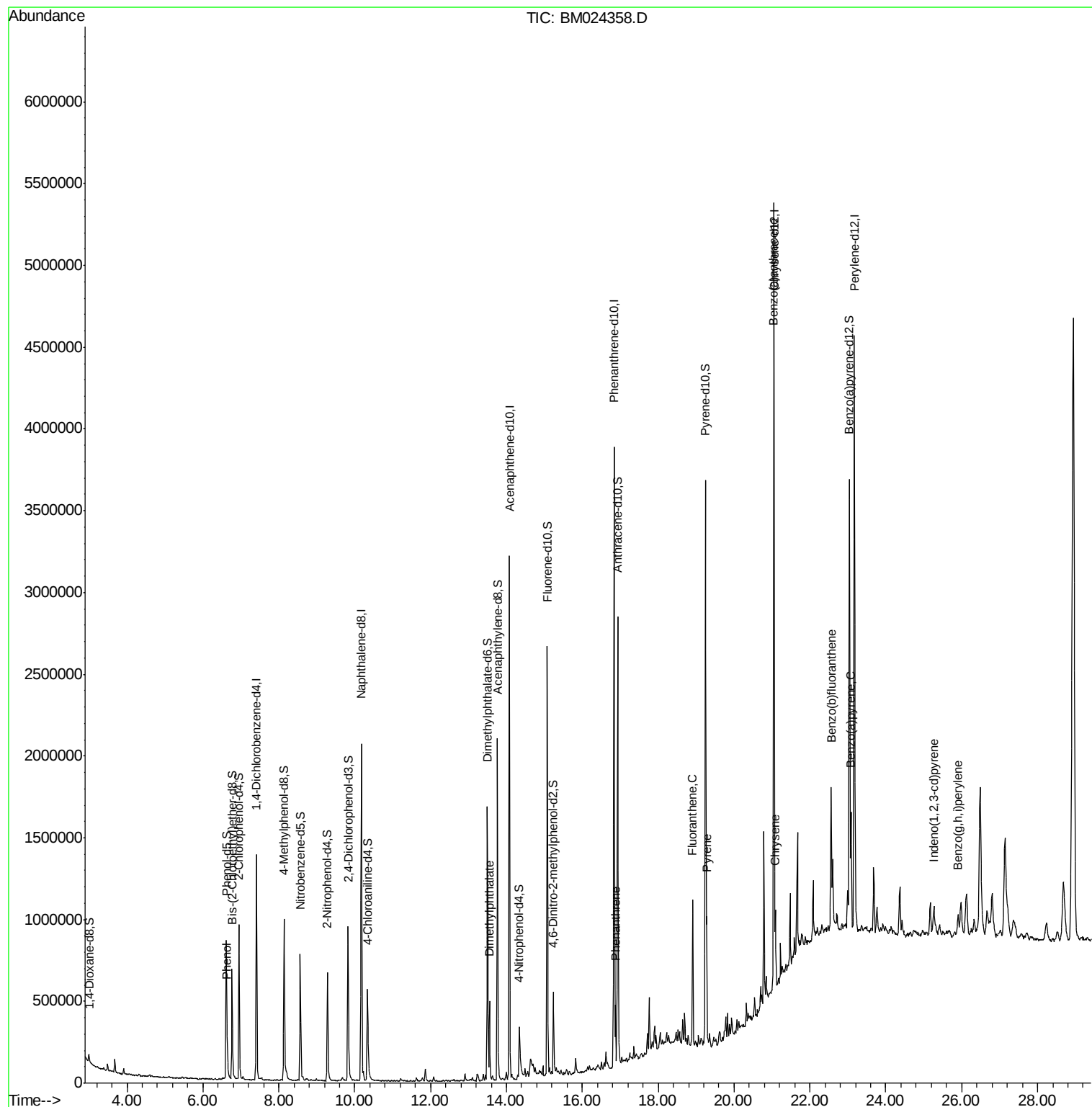
					Ovalue
6) Phenol	6.64	94	89384	2.567 ng/ul	90
45) Dimethylphthalate	13.55	163	302821	4.079 ng/ul	99
70) Phenanthrene	16.87	178	189068	1.679 ng/ul	99
77) Fluoranthene	18.91	202	490852	3.999 ng/ul	98
80) Pyrene	19.27	202	424304	3.392 ng/ul	100
83) Benzo(a)anthracene	21.04	228	261447	2.142 ng/ul	96
85) Chrysene	21.09	228	249942	2.089 ng/ul	96
88) Benzo(b)fluoranthene	22.55	252	361809	2.592 ng/ul#	97
91) Benzo(a)pyrene	23.08	252	222246	1.760 ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	25.27	276	160314	1.057 ng/ul	96
94) Benzo(g,h,i)perylene	25.90	276	153937	1.243 ng/ul	98

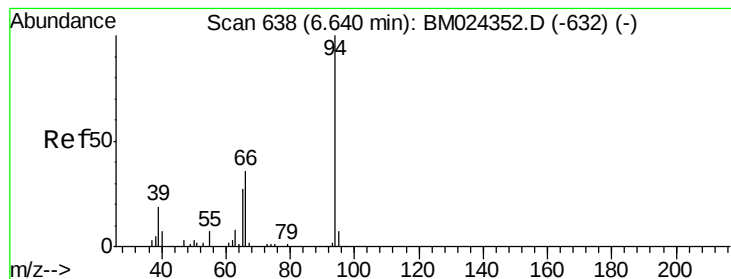
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.567 ng/ul

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM024358.D

Acq: 28 Dec 2019 20:23

Instrument :

BNA_M

ClientSampleId :

C0C67

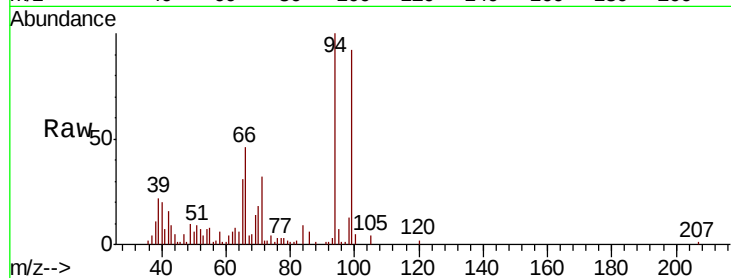
Tot Ion: 94 Resp: 89384

Ion Ratio Lower Upper

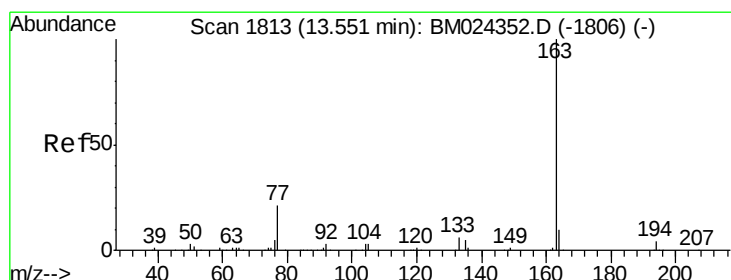
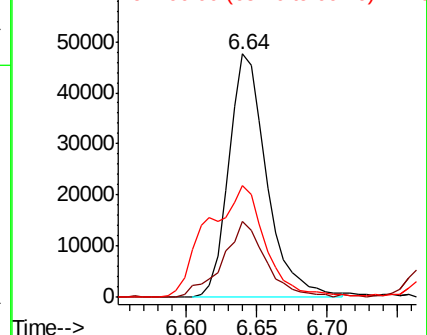
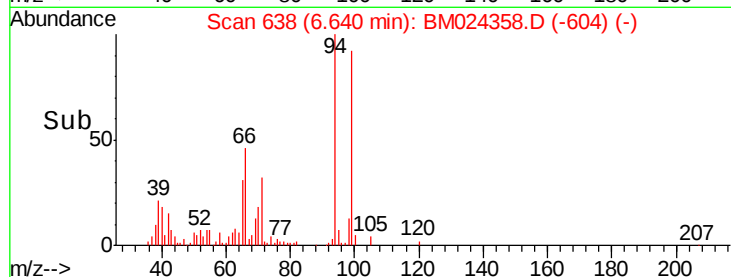
94 100

65 31.4 22.6 33.8

66 45.7 30.7 46.1



Abundance Ion 94.00 (93.70 to 94.70): BM024358.D (-604) (-)



#45

Dimethylphthalate

Concen: 4.079 ng/ul

RT: 13.55 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BM024358.D

Acq: 28 Dec 2019 20:23

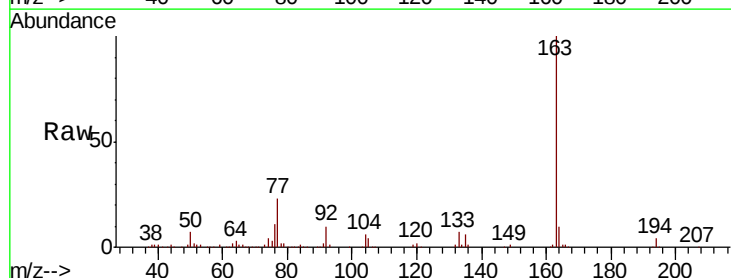
Tgt Ion:163 Resp: 302821

Ion Ratio Lower Upper

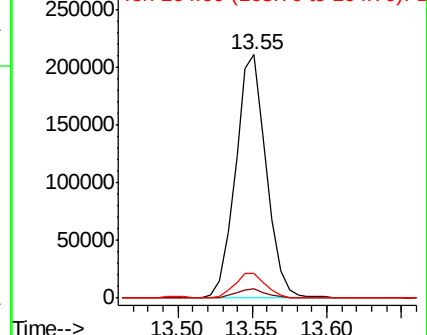
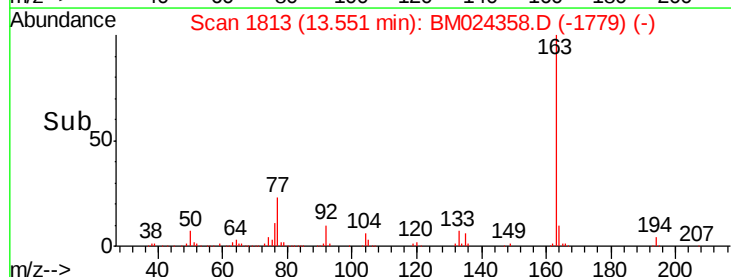
163 100

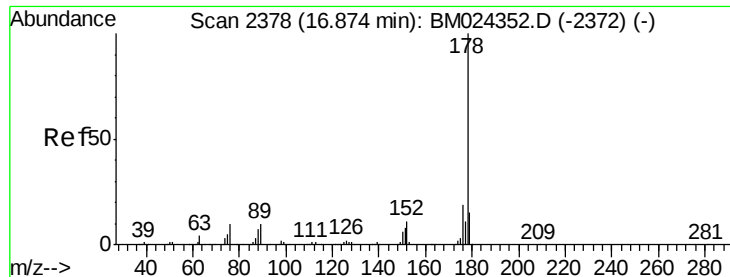
194 3.8 3.2 4.8

164 10.0 7.8 11.6



Abundance Ion 163.00 (162.70 to 163.70): BM024358.D (-1779) (-)





#70

Phenanthrene

Concen: 1.679 ng/ul

RT: 16.87 min Scan# 2378

Delta R.T. 0.00 min

Lab File: BM024358.D

Acq: 28 Dec 2019 20:23

Instrument :

BNA_M

ClientSampleId :

C0C67

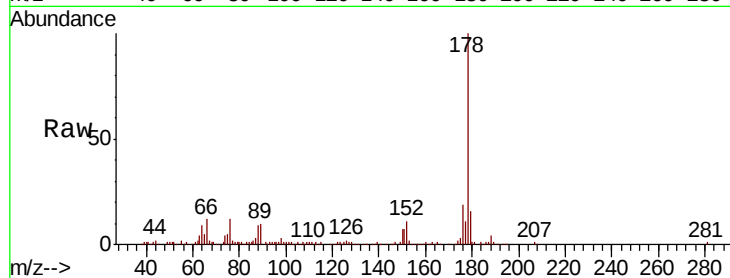
Tot Ion:178 Resp: 189068

Ion Ratio Lower Upper

178 100

179 16.1 12.6 19.0

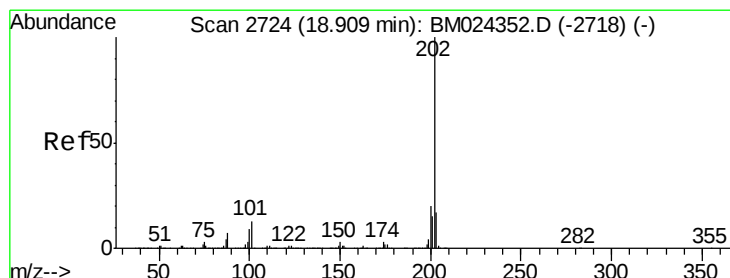
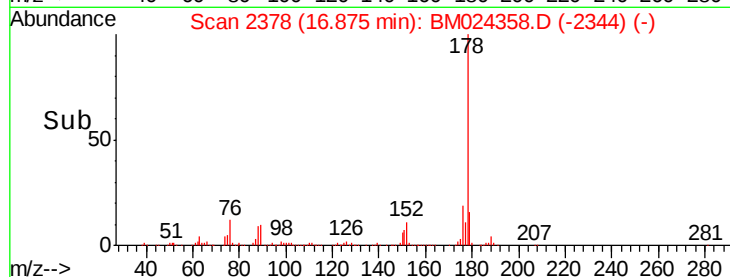
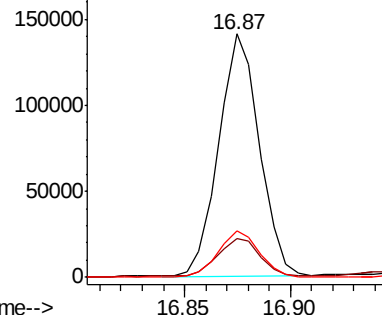
176 19.2 15.1 22.7



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: 3.999 ng/ul

RT: 18.91 min Scan# 2724

Delta R.T. 0.00 min

Lab File: BM024358.D

Acq: 28 Dec 2019 20:23

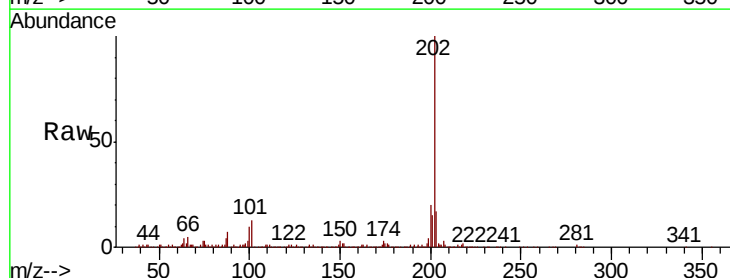
Tgt Ion:202 Resp: 490852

Ion Ratio Lower Upper

202 100

101 12.5 10.6 15.8

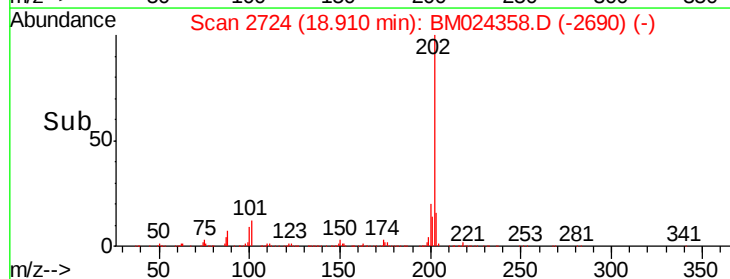
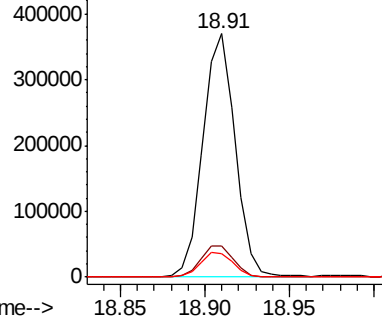
100 9.6 8.1 12.1

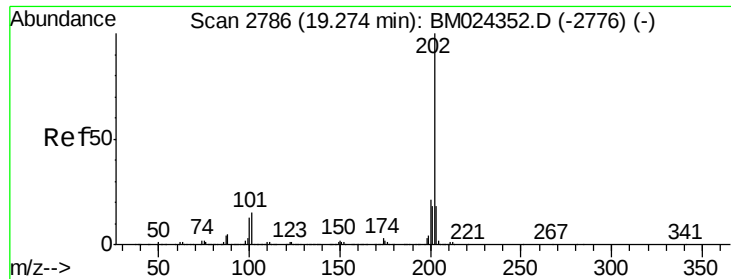


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

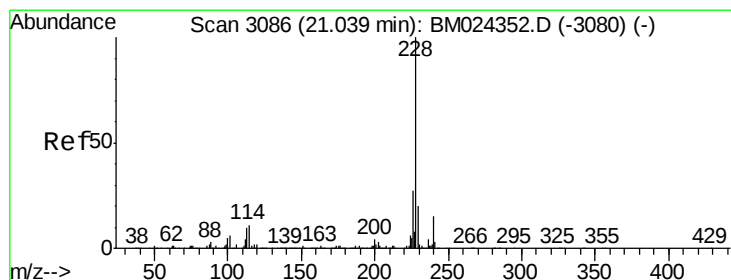
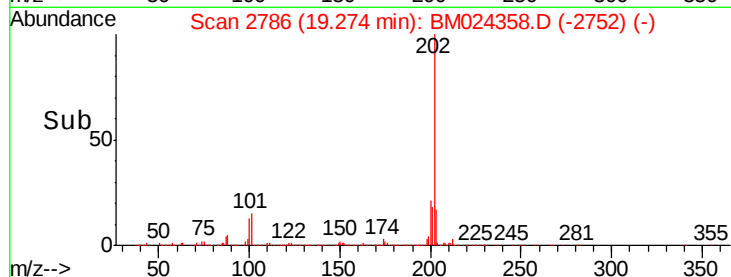
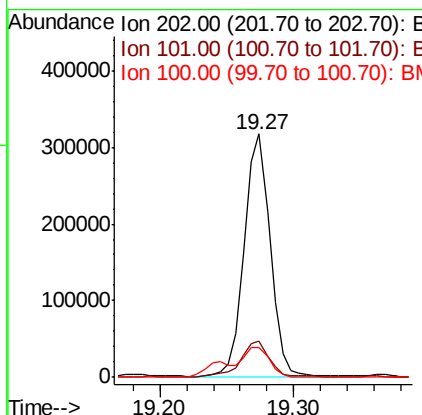
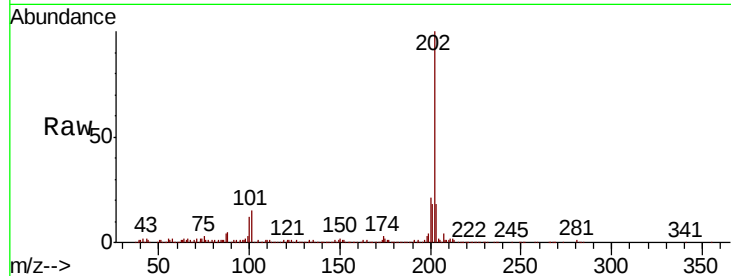




#80
Pvrene
Concen: 3.392 ng/ul
RT: 19.27 min Scan# 2786
Delta R.T. 0.00 min
Lab File: BM024358.D
Acq: 28 Dec 2019 20:23

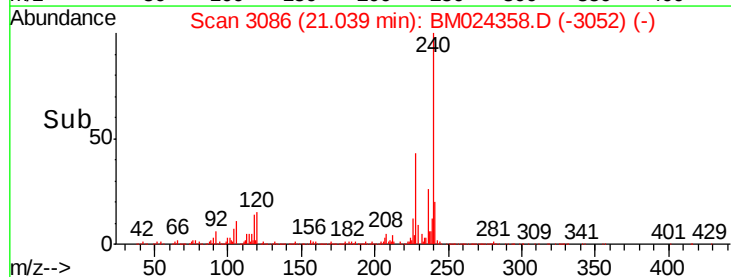
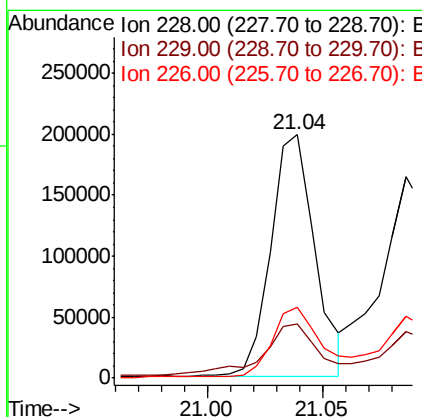
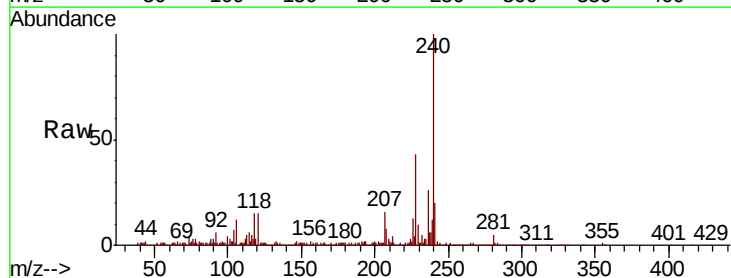
Instrument :
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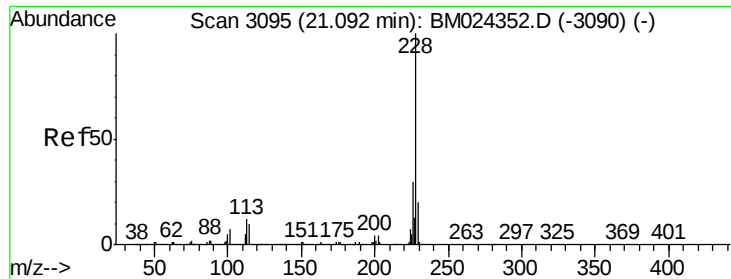
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.0	12.2	18.4
100	12.4	10.0	15.0



#83
Benzo(a)anthracene
Concen: 2.142 ng/ul
RT: 21.04 min Scan# 3086
Delta R.T. 0.00 min
Lab File: BM024358.D
Acq: 28 Dec 2019 20:23

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.8	23.8
226	29.3	22.2	33.2

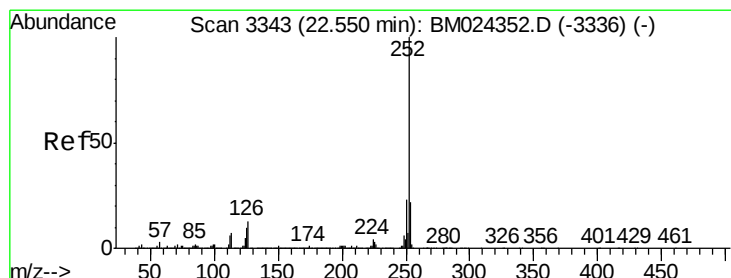
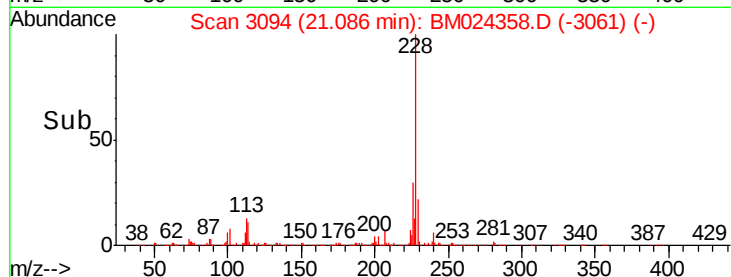
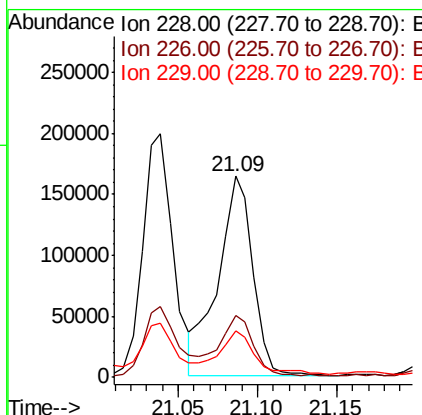
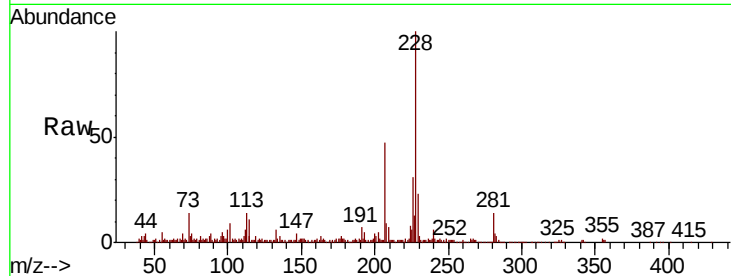




#85
 Chrysene
 Concen: 2.089 ng/ul
 RT: 21.09 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BM024358.D
 Acq: 28 Dec 2019 20:23

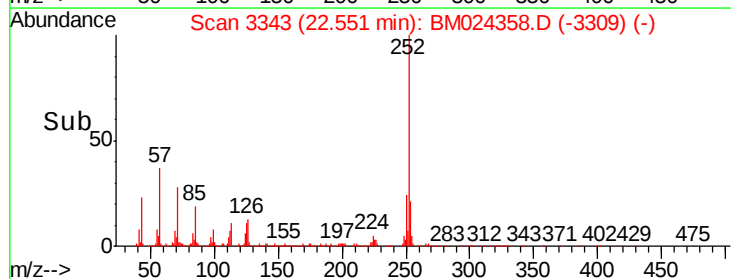
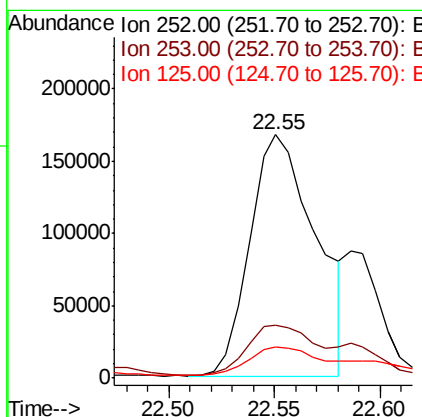
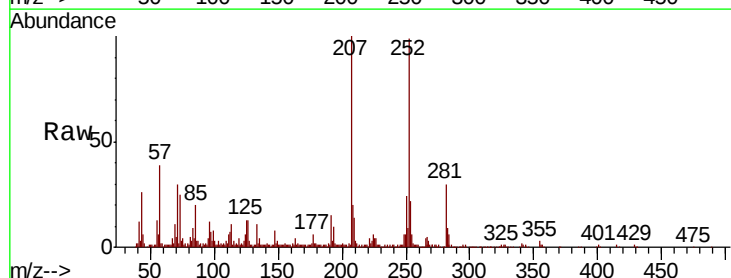
Instrument :
 BNA_M
 ClientSampleId :
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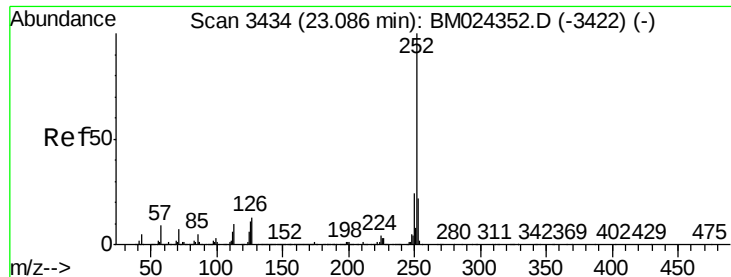
Tot	Ion:228	Resp:	249942
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	23.0	15.4	23.2



#88
 Benzo(b)fluoranthene
 Concen: 2.592 ng/ul
 RT: 22.55 min Scan# 3343
 Delta R.T. 0.00 min
 Lab File: BM024358.D
 Acq: 28 Dec 2019 20:23

Tgt	Ion:252	Resp:	361809
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	12.7	7.8	11.8#





#91

Benzo(a)pyrene

Concen: 1.760 ng/ul

RT: 23.08 min Scan# 3433

Delta R.T. -0.01 min

Lab File: BM024358.D

Acq: 28 Dec 2019 20:23

Instrument :

BNA_M

ClientSampleId :

C0C67

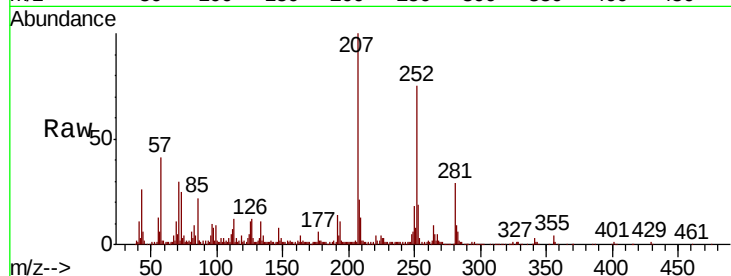
Tot Ion:252 Resp: 222246

Ion Ratio Lower Upper

252 100

253 25.3 17.5 26.3

125 14.6 8.2 12.4#

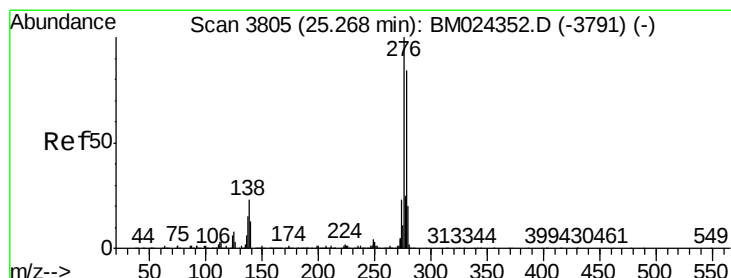
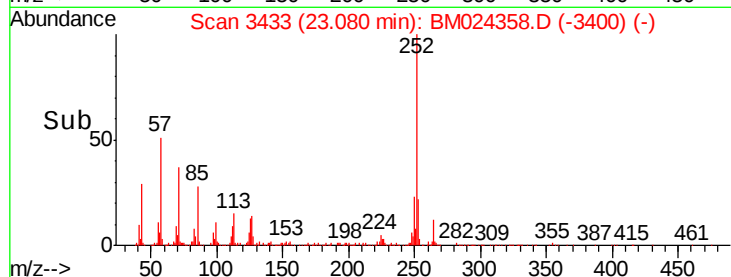
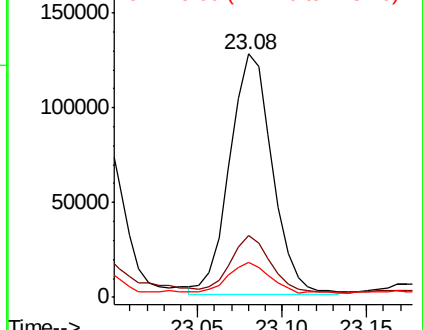


Abundance

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



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.057 ng/ul

RT: 25.27 min Scan# 3805

Delta R.T. 0.00 min

Lab File: BM024358.D

Acq: 28 Dec 2019 20:23

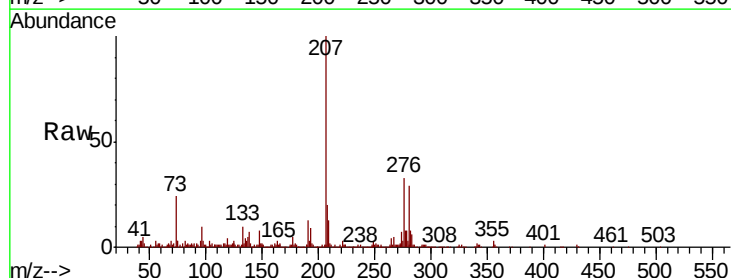
Tgt Ion:276 Resp: 160314

Ion Ratio Lower Upper

276 100

138 20.5 18.3 27.5

277 24.1 20.2 30.2

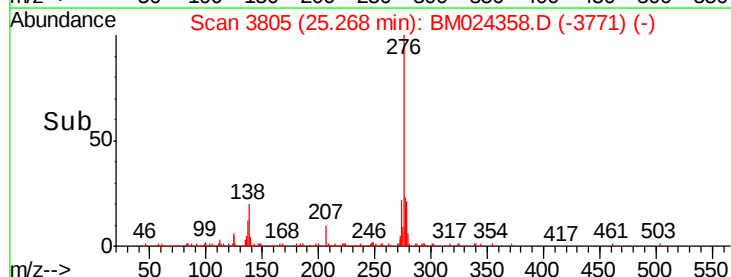
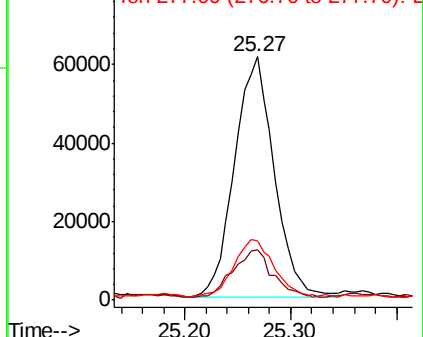


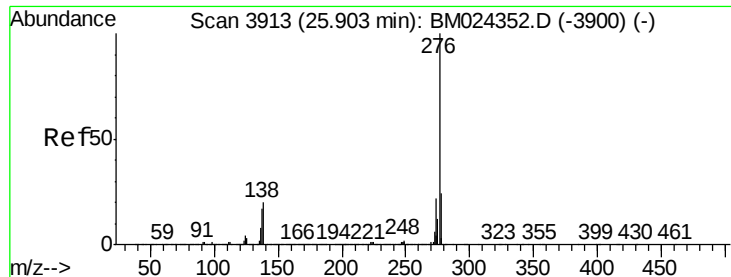
Abundance

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(a,h,i)perylene

Concen: 1.243 ng/ul

RT: 25.90 min Scan# 3913

Delta R.T. 0.00 min

Lab File: BM024358.D

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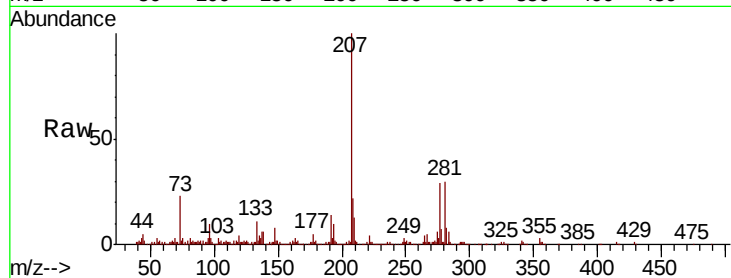
Tot Ion:276 Resp: 153937

Ion Ratio Lower Upper

276 100

138 19.9 15.3 22.9

277 25.4 19.3 28.9



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

