

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102319\
 Data File : BM023356.D
 Acq On : 23 Oct 2019 23:46
 Operator : JU
 Sample : K5346-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 24 02:58:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 23 18:47:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	578994	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	2632804	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1746132	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	3545192	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	2816187	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	2634781	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	46830	3.84	ng/uL	0.00
5) Phenol-d5	6.82	99	996019	20.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	713106	25.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	892387	23.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	907204	22.97	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	508634	25.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	566837	25.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	1050615	24.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	948500	19.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	4169526	31.44	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	4326529	28.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	384740	16.75	ng/ul	0.00
58) Fluorene-d10	15.28	176	3425251	30.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	567987	25.73	ng/ul	0.00
71) Anthracene-d10	17.13	188	5229976	31.22	ng/ul	0.00
79) Pyrene-d10	19.43	212	5651337	36.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	4477530	33.36	ng/ul	0.00

Target Compounds

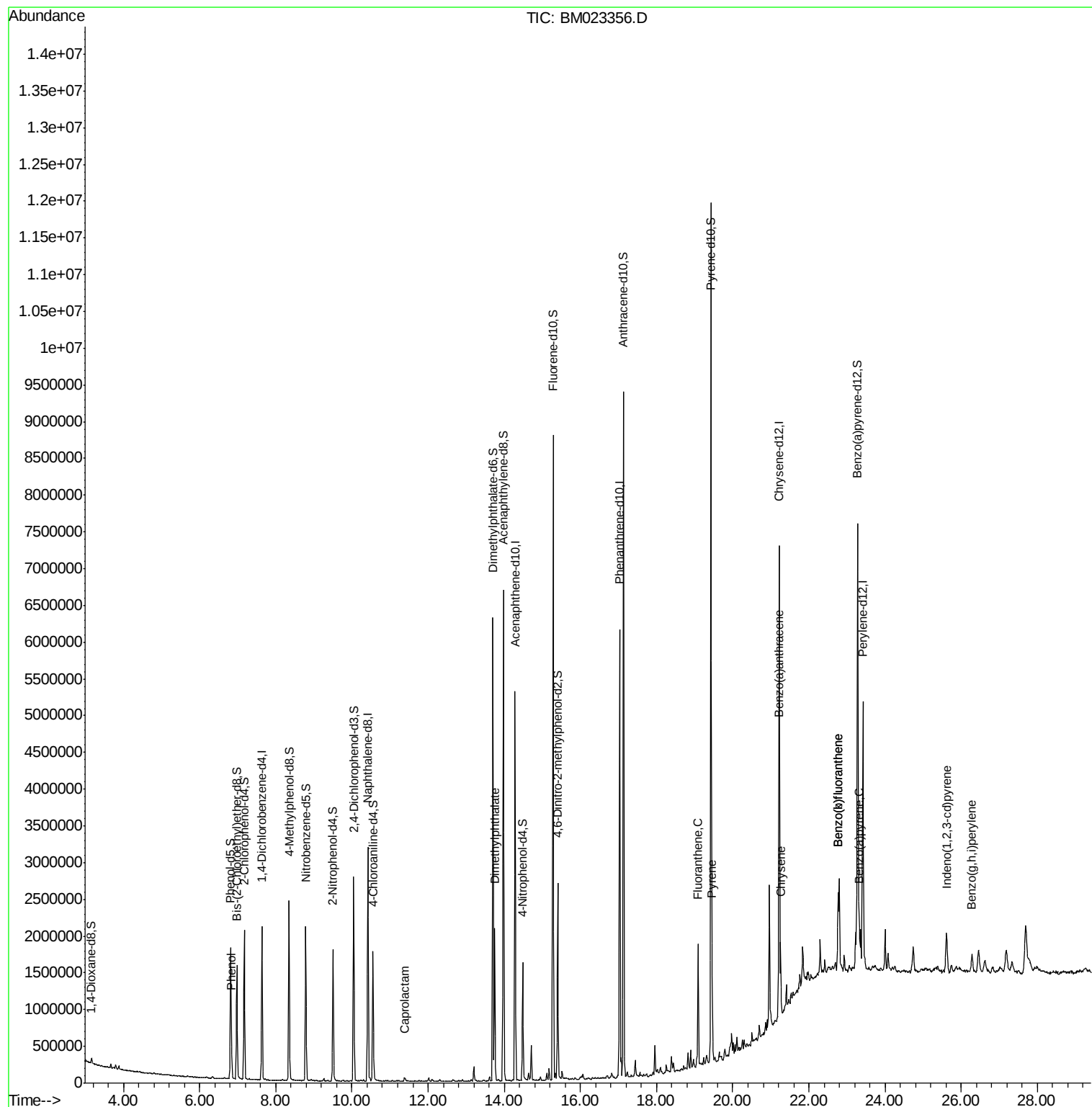
					Ovalue
6) Phenol	6.84	94	169870	3.392	ng/ul 98
32) Caprolactam	11.39	113	13289	1.015	ng/ul 92
45) Dimethylphthalate	13.75	163	1285926	9.659	ng/ul 100
77) Fluoranthene	19.09	202	988793	4.785	ng/ul 99
80) Pyrene	19.46	202	908177	4.567	ng/ul 97
83) Benzo(a)anthracene	21.20	228	395537	2.100	ng/ul 97
85) Chrysene	21.26	228	605280	3.483	ng/ul 100
88) Benzo(b)fluoranthene	22.76	252	902505	5.333	ng/ul 98
89) Benzo(k)fluoranthene	22.76	252	902505	5.680	ng/ul 98
91) Benzo(a)pyrene	23.32	252	403294	2.632	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.61	276	320616	1.933	ng/ul 97
94) Benzo(g,h,i)perylene	26.29	276	245510	1.819	ng/ul 98

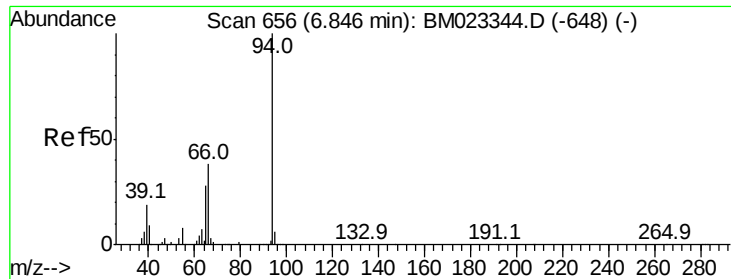
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 18:47:16 2019
Response via : Initial Calibration





#6

Phenol

Concen: 3.392 ng/ul

RT: 6.84 min Scan# 655

Delta R.T. -0.01 min

Lab File: BM023356.D

Acq: 23 Oct 2019 23:46

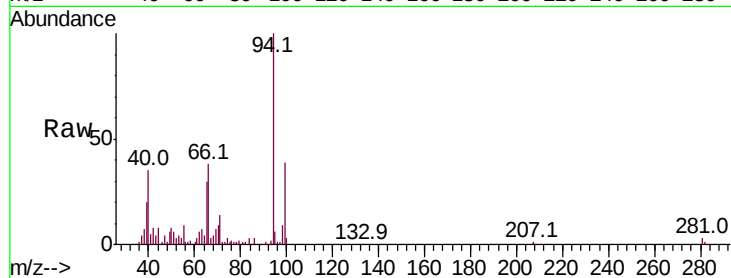
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 94 Resp: 169870

Ion	Ratio	Lower	Upper
94	100		
65	30.1	22.9	34.3
66	38.1	31.4	47.2

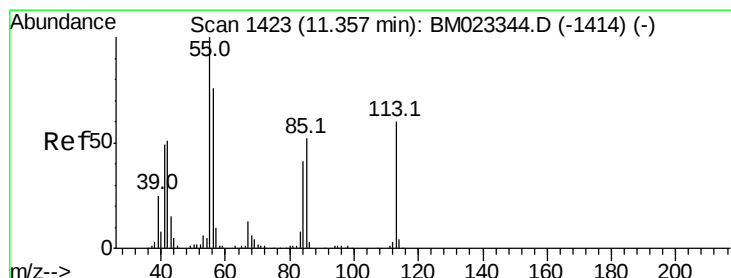
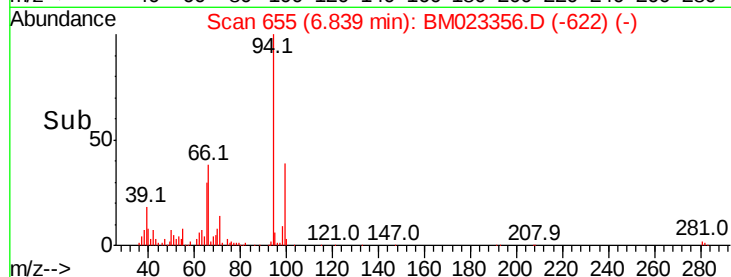
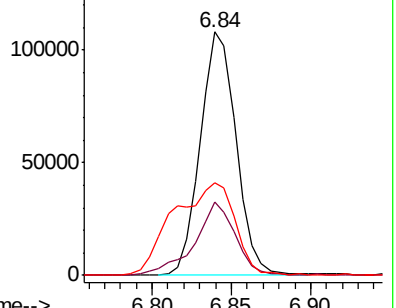


Abundance

Ion 94.00 (93.70 to 94.70): BM023344.D (-648) (-)

Ion 65.00 (64.70 to 65.70): BM023344.D (-648) (-)

Ion 66.00 (65.70 to 66.70): BM023344.D (-648) (-)



#32

Caprolactam

Concen: 1.015 ng/ul

RT: 11.39 min Scan# 1428

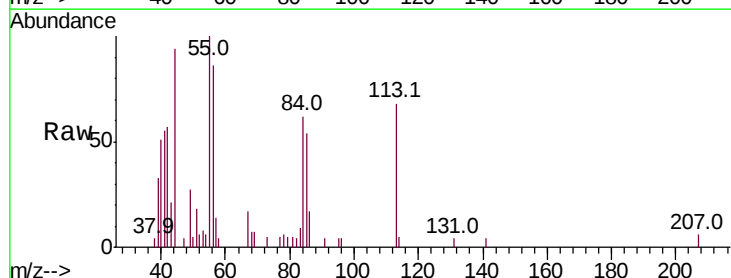
Delta R.T. 0.03 min

Lab File: BM023356.D

Acq: 23 Oct 2019 23:46

Tgt Ion: 113 Resp: 13289

Ion	Ratio	Lower	Upper
113	100		
55	147.1	132.8	199.2
56	126.6	100.6	150.8

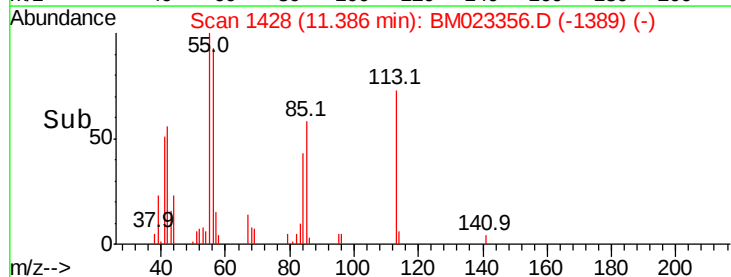
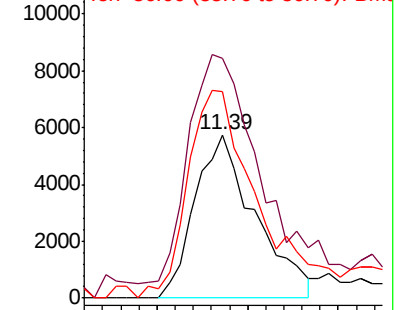


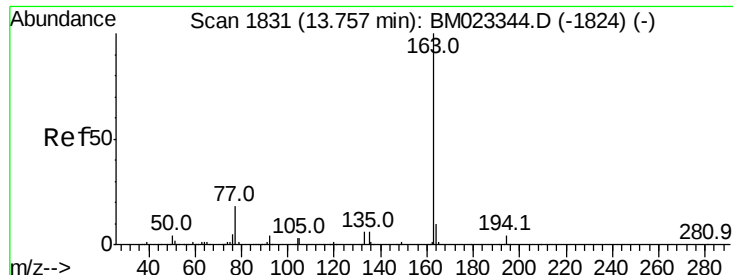
Abundance

Ion 113.00 (112.70 to 113.70): BM023344.D (-1414) (-)

Ion 55.00 (54.70 to 55.70): BM023344.D (-1414) (-)

Ion 56.00 (55.70 to 56.70): BM023344.D (-1414) (-)

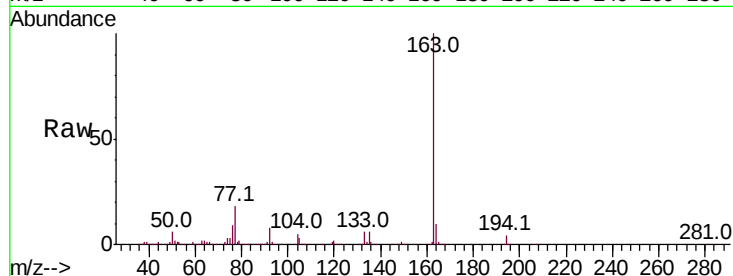




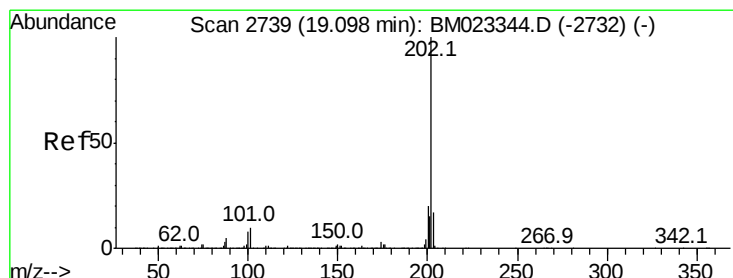
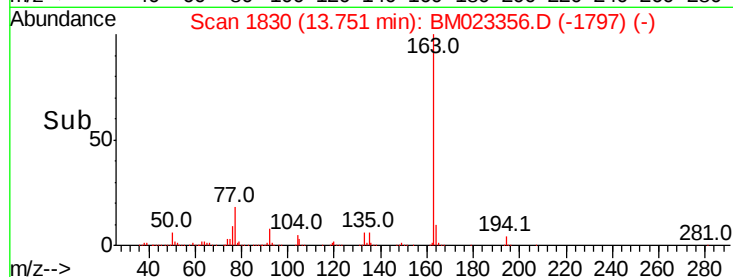
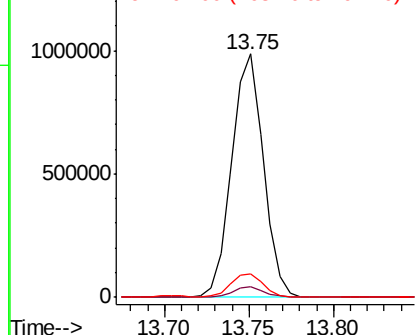
#45
Dimethylphthalate
Concen: 9.659 ng/ul
RT: 13.75 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BM023356.D
Acq: 23 Oct 2019 23:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion:163 Resp: 1285926
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.8 7.9 11.9

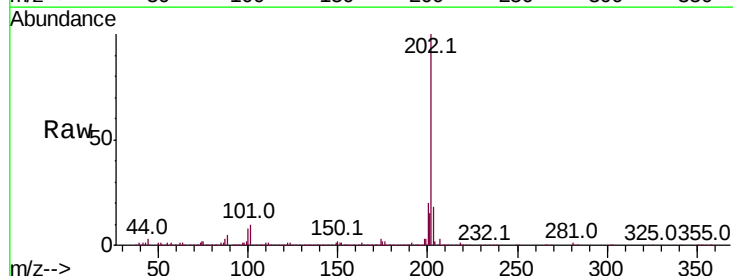


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

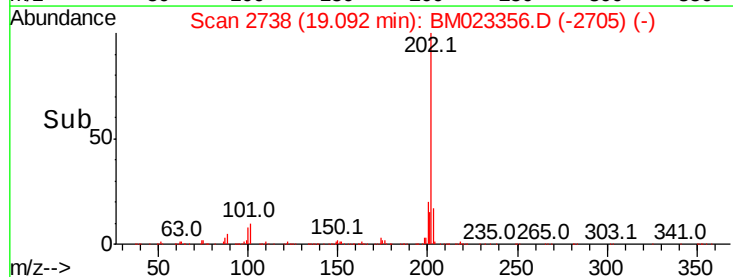
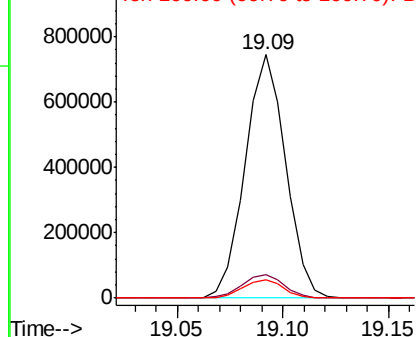


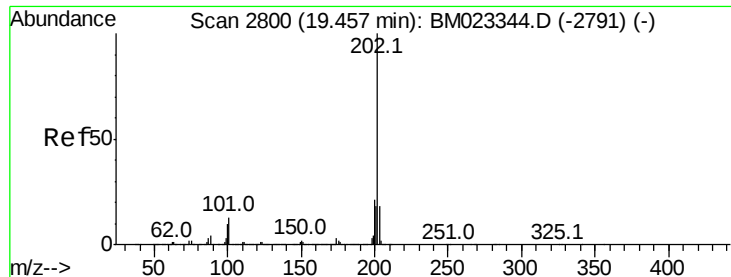
#77
Fluoranthene
Concen: 4.785 ng/ul
RT: 19.09 min Scan# 2738
Delta R.T. -0.01 min
Lab File: BM023356.D
Acq: 23 Oct 2019 23:46

Tgt Ion:202 Resp: 988793
Ion Ratio Lower Upper
202 100
101 9.8 8.1 12.1
100 7.8 6.2 9.2



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

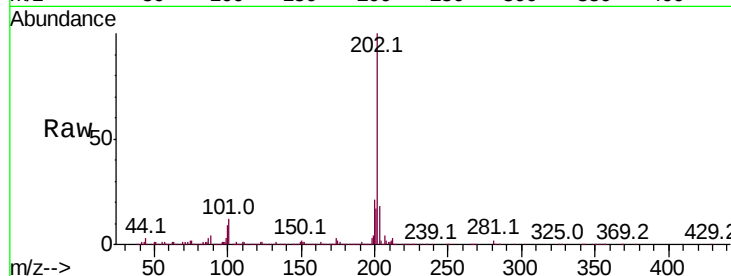




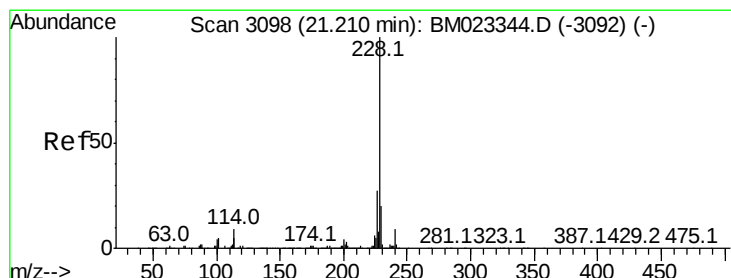
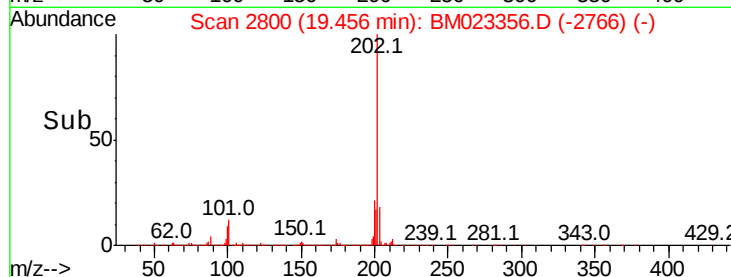
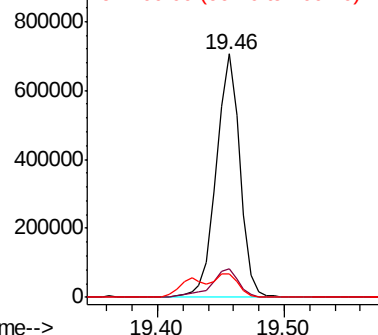
#80
Pvrene
Concen: 4.567 ng/ul
RT: 19.46 min Scan# 2800
Delta R.T. -0.00 min
Lab File: BM023356.D
Acq: 23 Oct 2019 23:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	10.0	15.0
100	9.4	8.3	12.5

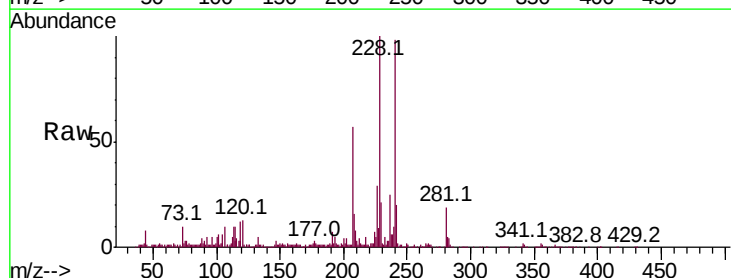


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

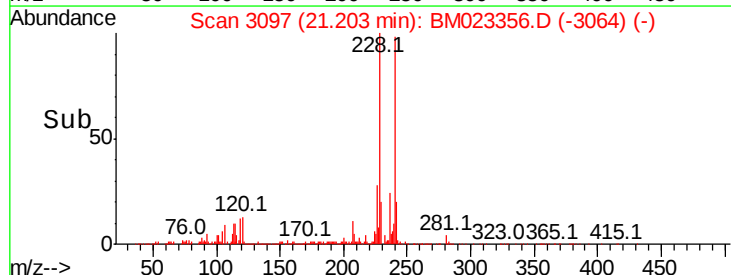
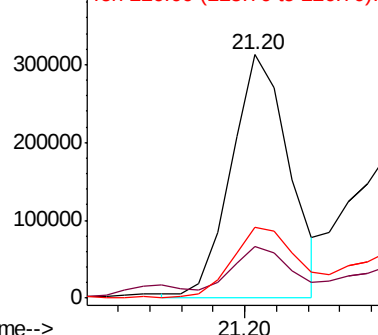


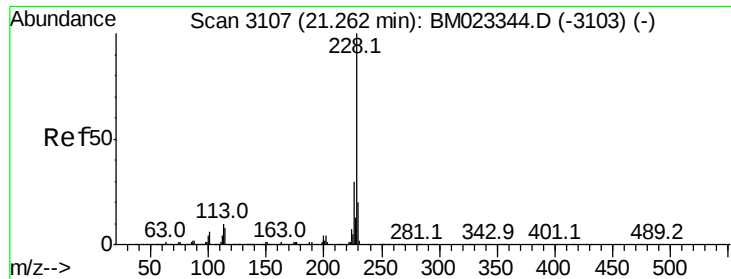
#83
Benzo(a)anthracene
Concen: 2.100 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM023356.D
Acq: 23 Oct 2019 23:46

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.8
226	28.9	21.6	32.4



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: 3.483 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BM023356.D

Acq: 23 Oct 2019 23:46

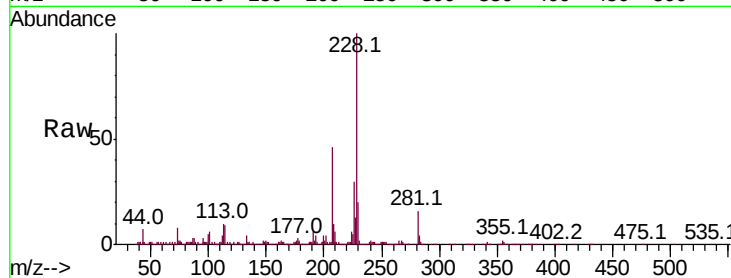
Instrument :

BNA_M

ClientSampled :

Tot Ion:228 Resp: 605280

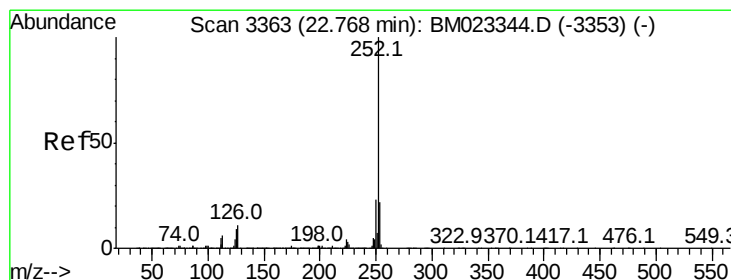
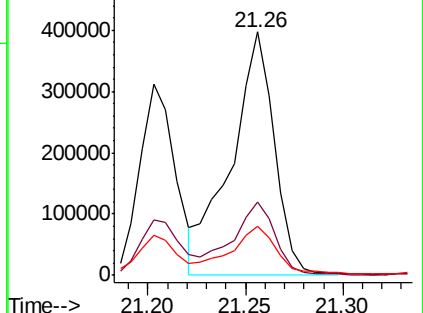
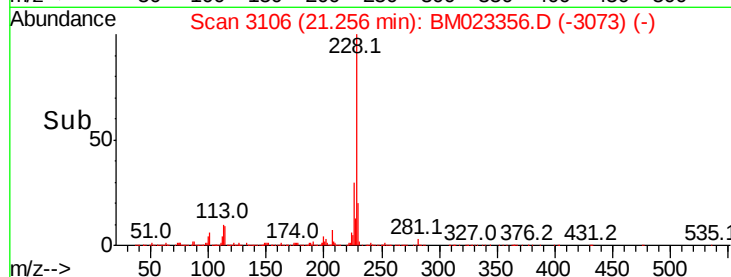
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	20.3	16.0	24.0



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: 5.333 ng/ul

RT: 22.76 min Scan# 3362

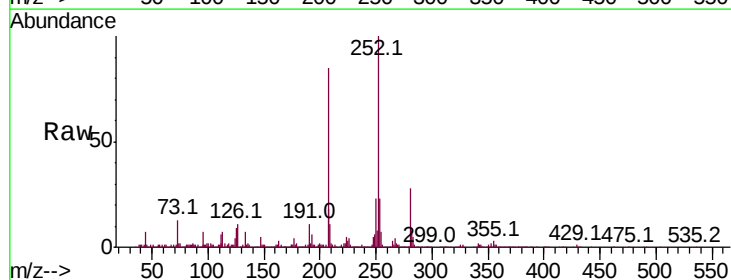
Delta R.T. -0.01 min

Lab File: BM023356.D

Acq: 23 Oct 2019 23:46

Tgt Ion:252 Resp: 902505

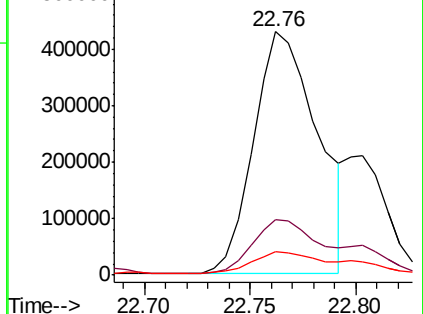
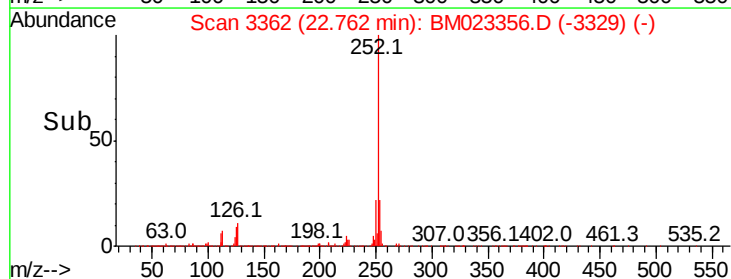
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	9.4	7.1	10.7

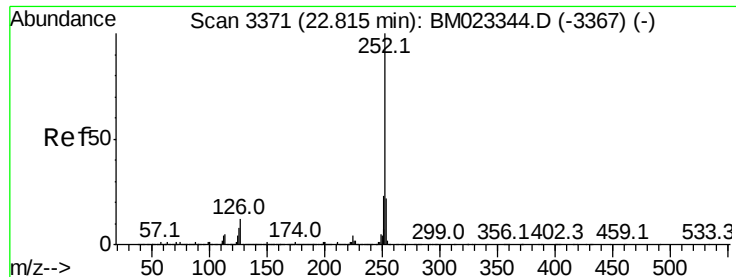


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 5.680 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. -0.05 min

Lab File: BM023356.D

Acq: 23 Oct 2019 23:46

Instrument :

BNA_M

ClientSampled :

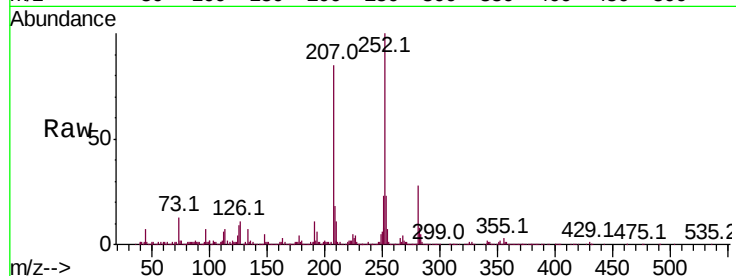
Tot Ion:252 Resp: 902505

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

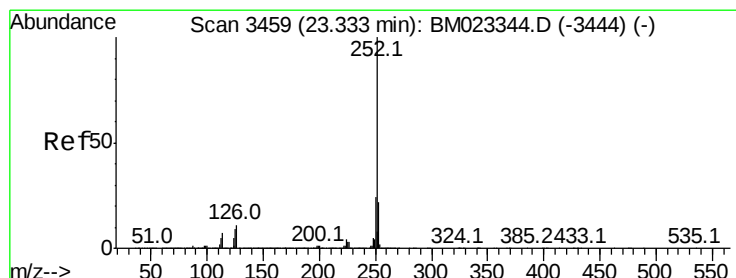
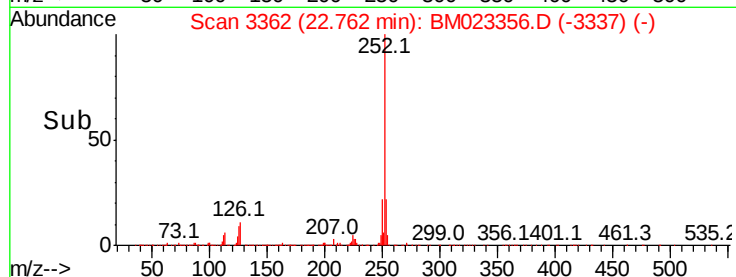
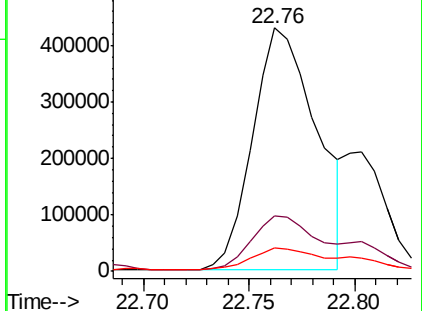
125 9.4 6.8 10.2



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



#91

Benzo(a)pyrene

Concen: 2.632 ng/ul

RT: 23.32 min Scan# 3457

Delta R.T. -0.01 min

Lab File: BM023356.D

Acq: 23 Oct 2019 23:46

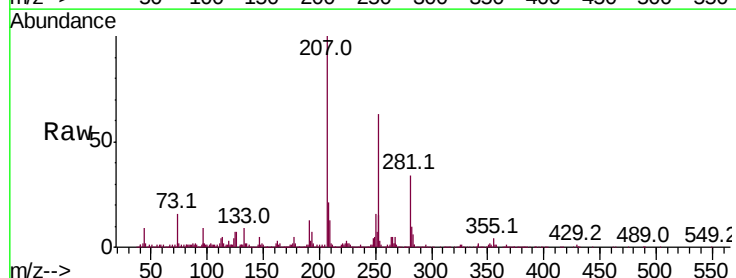
Tgt Ion:252 Resp: 403294

Ion Ratio Lower Upper

252 100

253 23.6 17.7 26.5

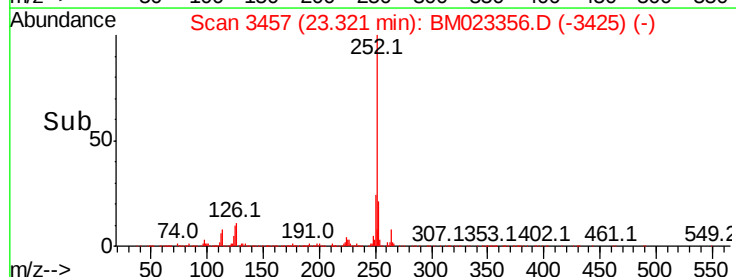
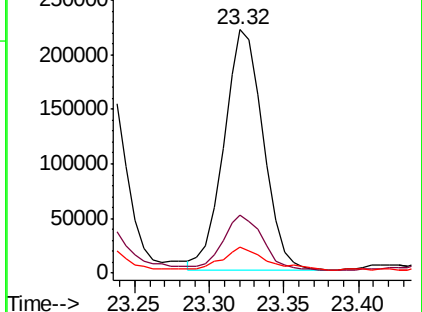
125 10.6 7.5 11.3

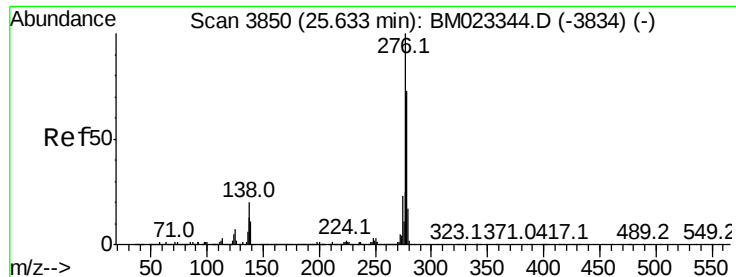


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



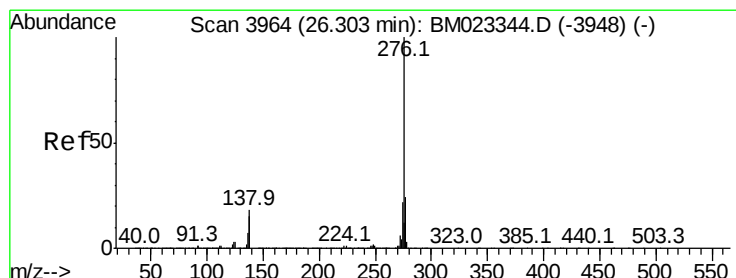
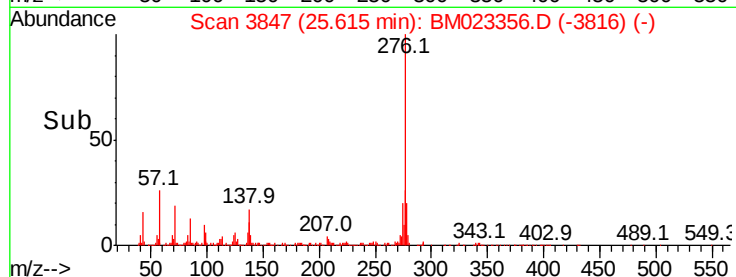
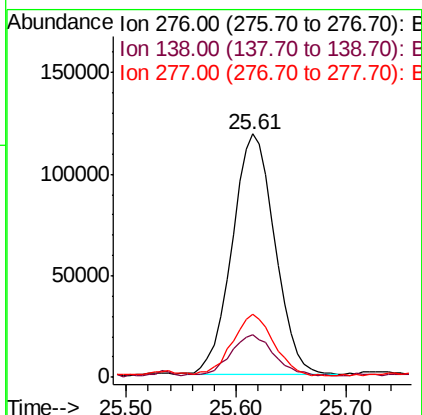
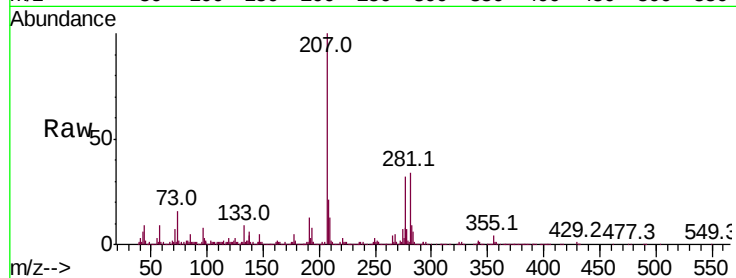


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.933 ng/ul
RT: 25.61 min Scan# 3847
Delta R.T. -0.02 min
Lab File: BM023356.D
Acq: 23 Oct 2019 23:46

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.8	15.7	23.5
277	26.0	20.2	30.2



#94

Benzo(g,h,i)perylene
Concen: 1.819 ng/ul
RT: 26.29 min Scan# 3961
Delta R.T. -0.02 min
Lab File: BM023356.D
Acq: 23 Oct 2019 23:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.8	14.4	21.6
277	24.6	19.0	28.6

