

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
 Data File : BM023541.D
 Acq On : 01 Nov 2019 04:04
 Operator : JU
 Sample : K5433-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 01 08:22:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 01 08:19:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	450918	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1856376	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	1109294	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	2350840	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	2212899	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	2640327	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	25249	2.66	ng/uL	0.00
5) Phenol-d5	6.79	99	596396	15.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	364372	16.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	497035	16.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	463389	15.06	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	255197	18.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	266136	17.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	478590	15.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	344292	9.83	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	1457153	17.30	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1797763	18.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	106009	7.26	ng/ul	0.00
58) Fluorene-d10	15.26	176	1310257	18.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	107075	7.32	ng/ul	0.00
71) Anthracene-d10	17.10	188	2016826	18.15	ng/ul	0.00
79) Pyrene-d10	19.40	212	2219857	18.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	2510586	18.67	ng/ul	0.00

Target Compounds

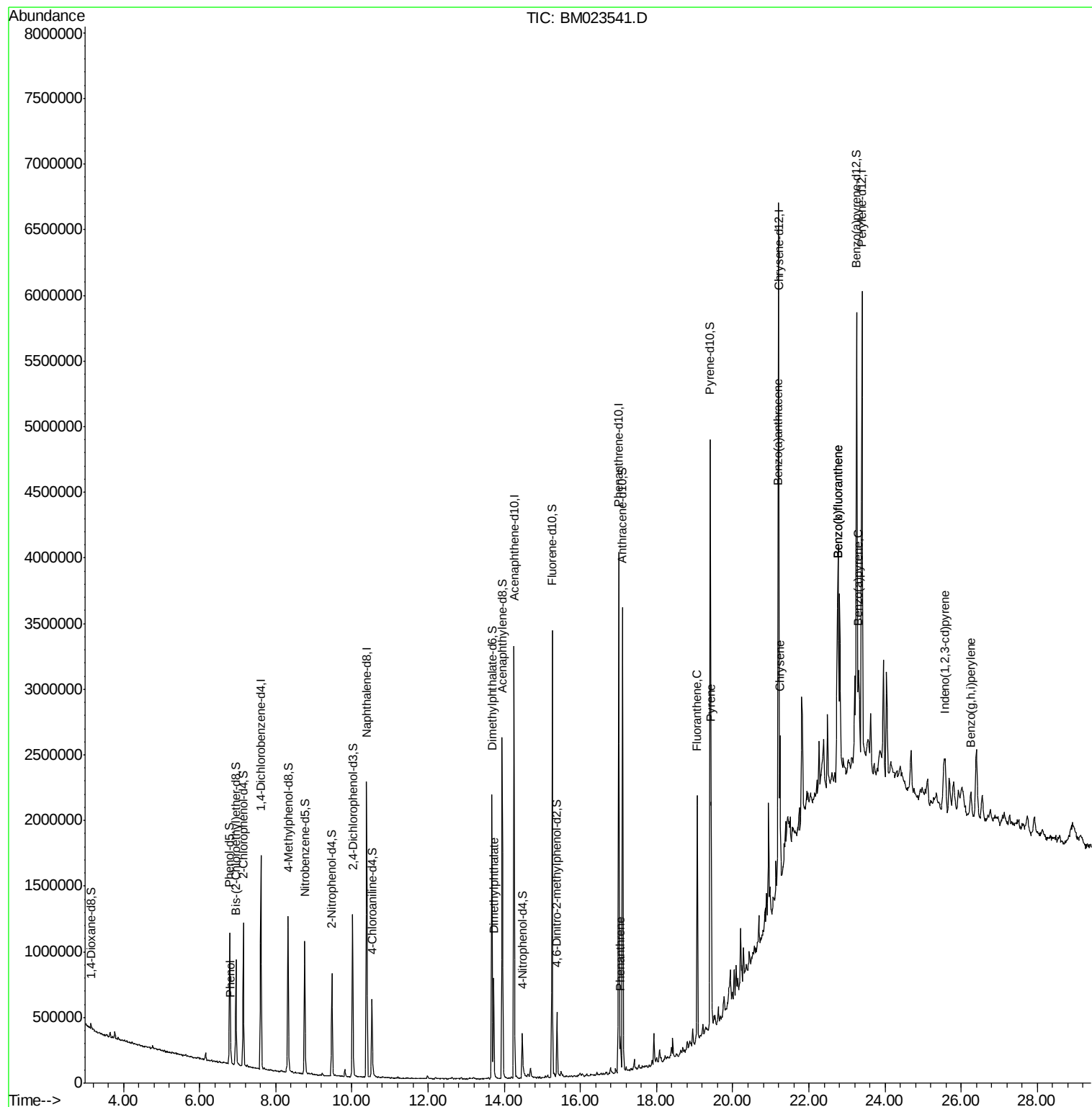
					Ovalue
6) Phenol	6.82	94	44831	1.150 ng/ul	97
45) Dimethylphthalate	13.72	163	468447	5.539 ng/ul	99
70) Phenanthrene	17.05	178	153401	1.168 ng/ul	100
77) Fluoranthene	19.07	202	1113501	8.126 ng/ul	98
80) Pyrene	19.43	202	1173207	7.508 ng/ul	99
83) Benzo(a)anthracene	21.19	228	389879	2.634 ng/ul	98
85) Chrysene	21.24	228	694180	5.083 ng/ul	99
88) Benzo(b)fluoranthene	22.74	252	1160524	6.844 ng/ul#	97
89) Benzo(k)fluoranthene	22.74	252	1160524	7.288 ng/ul#	97
91) Benzo(a)pyrene	23.30	252	457267	2.979 ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.58	276	285449	1.717 ng/ul	98
94) Benzo(g,h,i)perylene	26.25	276	224674	1.661 ng/ul	100

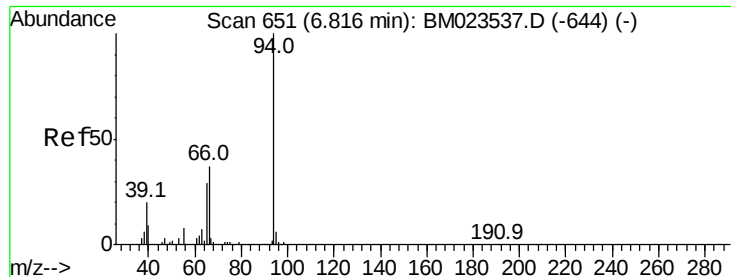
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023541.D
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ClientSampleId :

Quant Time: Nov 01 08:22:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 01 08:19:37 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.150 ng/ul

RT: 6.82 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM023541.D

Acq: 01 Nov 2019 04:04

Instrument :

BNA_M

ClientSampleId :

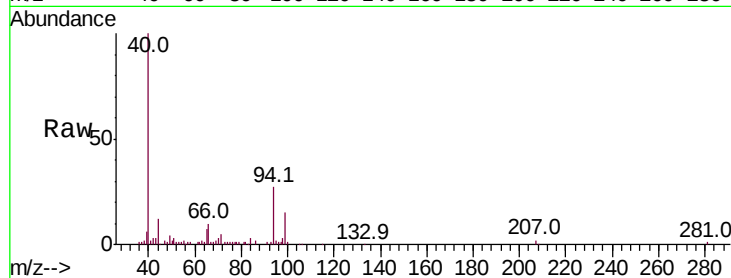
Tot Ion: 94 Resp: 44831

Ion Ratio Lower Upper

94 100

65 26.5 22.9 34.3

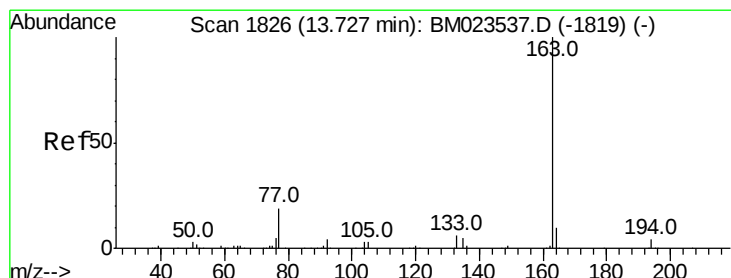
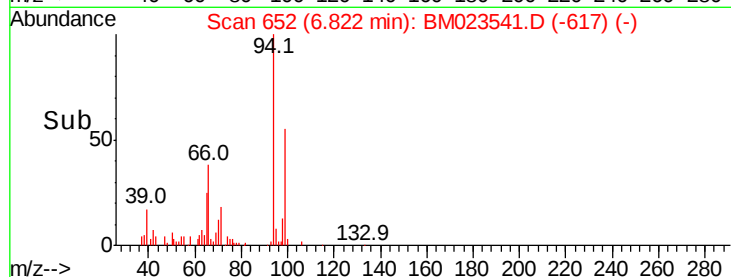
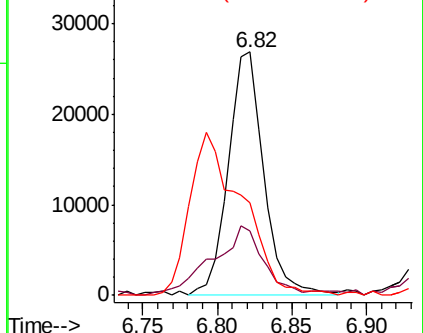
66 38.2 31.4 47.2



Abundance Ion 94.00 (93.70 to 94.70): BM023537.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM023537.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM023537.D (-644) (-)



#45

Dimethylphthalate

Concen: 5.539 ng/ul

RT: 13.72 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BM023541.D

Acq: 01 Nov 2019 04:04

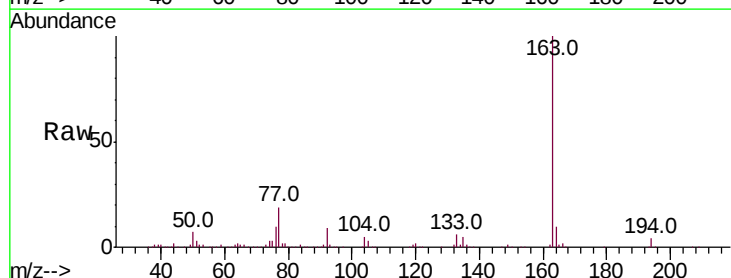
Tgt Ion: 163 Resp: 468447

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

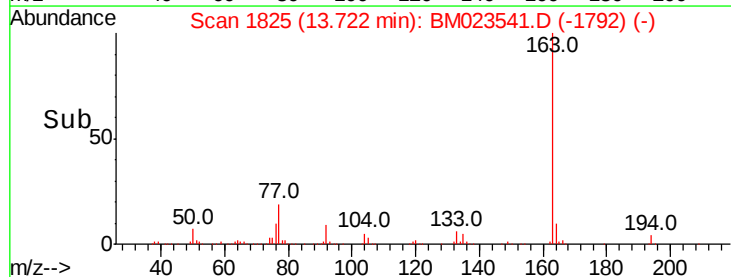
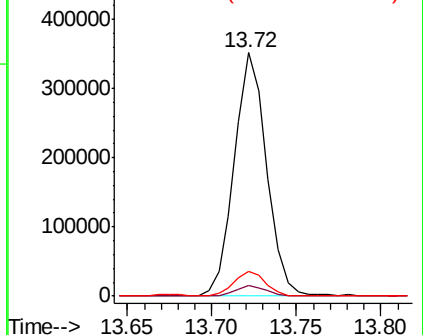
164 10.3 7.9 11.9

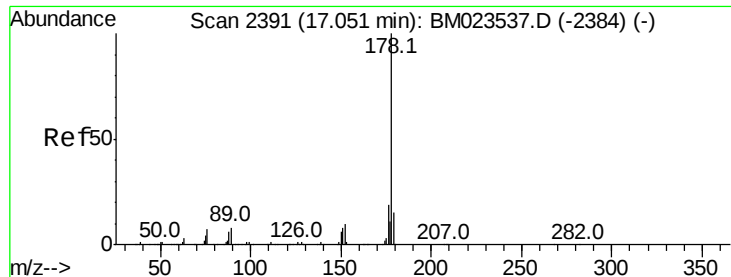


Abundance Ion 163.00 (162.70 to 163.70): BM023537.D (-1819) (-)

Ion 194.00 (193.70 to 194.70): BM023537.D (-1819) (-)

Ion 164.00 (163.70 to 164.70): BM023537.D (-1819) (-)





#70

Phenanthrene

Concen: 1.168 ng/ul

RT: 17.05 min Scan# 2391

Delta R.T. 0.00 min

Lab File: BM023541.D

Acq: 01 Nov 2019 04:04

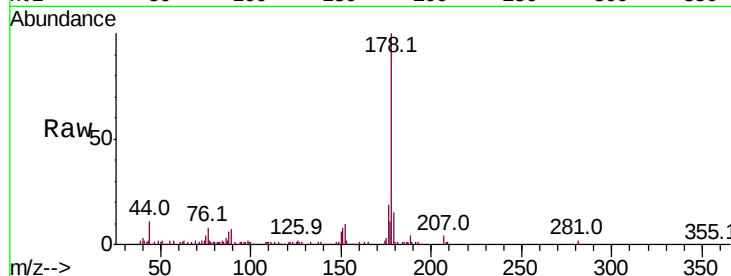
Instrument :

BNA_M

ClientSampled :

Tot Ion:178 Resp: 153401

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.2
176	18.5	14.9	22.3

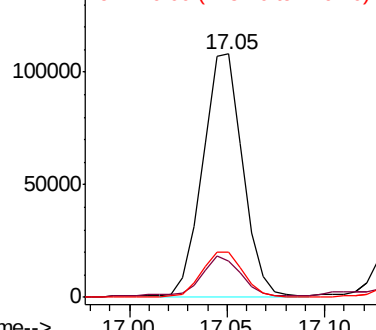


Abundance

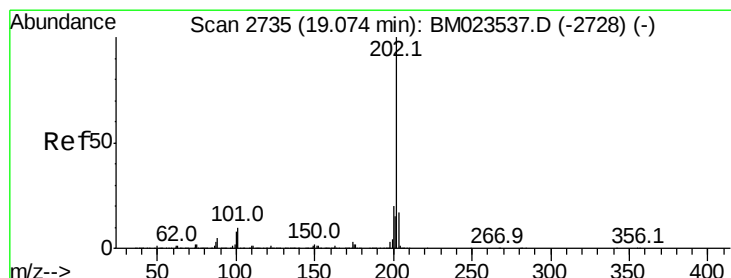
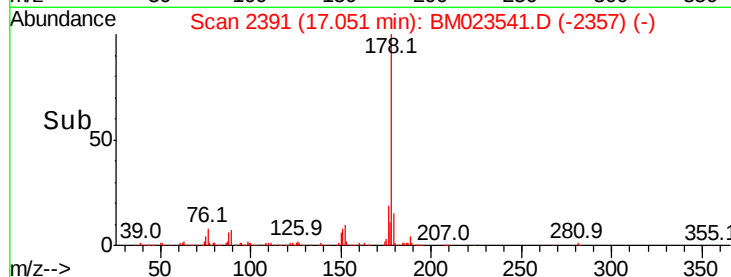
Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#77

Fluoranthene

Concen: 8.126 ng/ul

RT: 19.07 min Scan# 2734

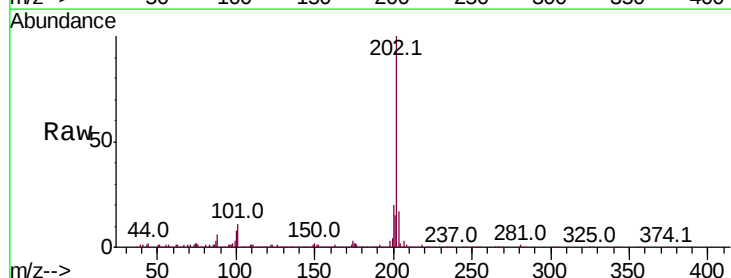
Delta R.T. -0.01 min

Lab File: BM023541.D

Acq: 01 Nov 2019 04:04

Tgt Ion:202 Resp: 1113501

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.1	12.1
100	8.3	6.2	9.2

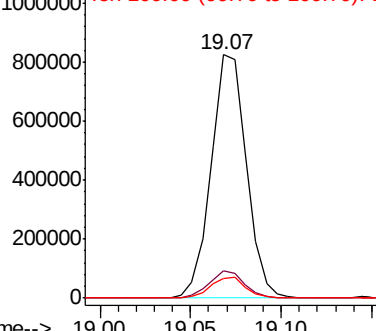


Abundance

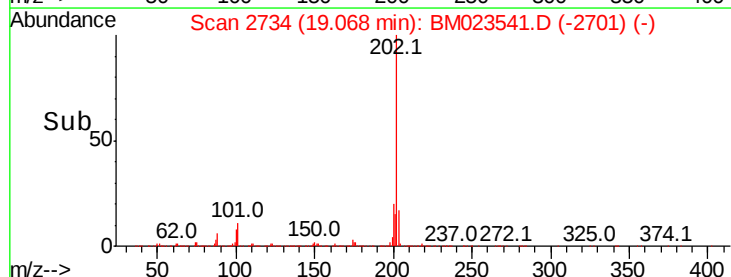
Ion 202.00 (201.70 to 202.70): E

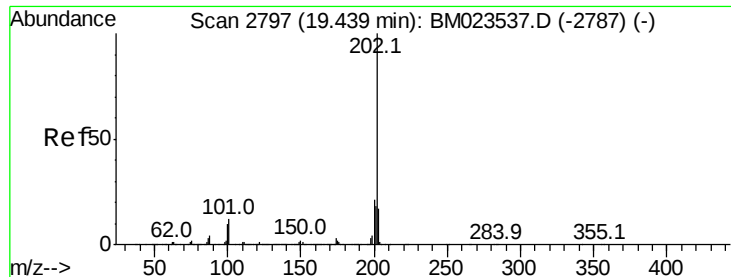
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



Time-->



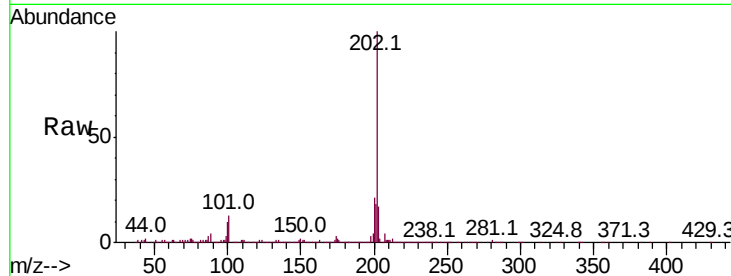


#80
 Pvrene
 Concen: 7.508 ng/ul
 RT: 19.43 min Scan# 2796
 Delta R.T. -0.01 min
 Lab File: BM023541.D
 Acq: 01 Nov 2019 04:04

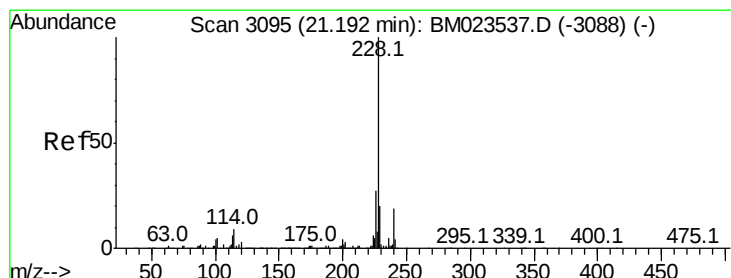
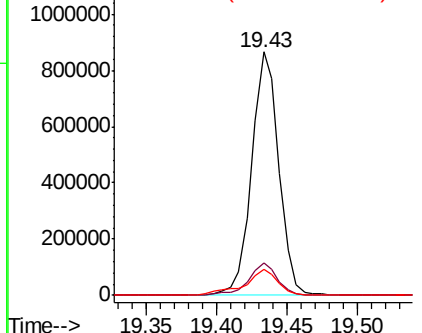
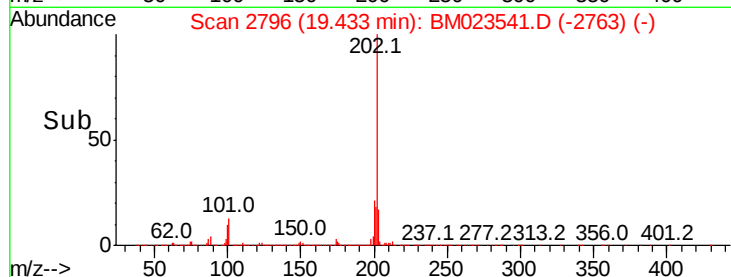
Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:202 Resp: 1173207

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.0	15.0
100	10.5	8.3	12.5



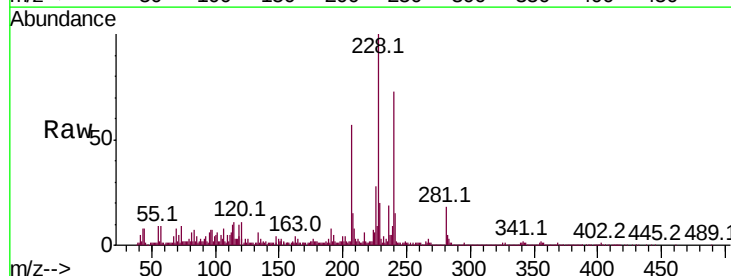
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B



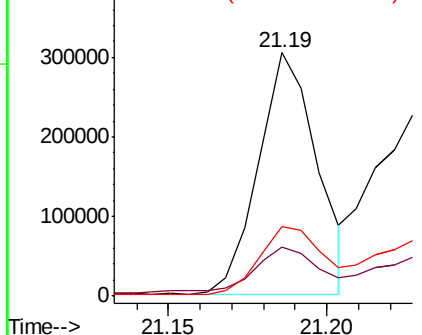
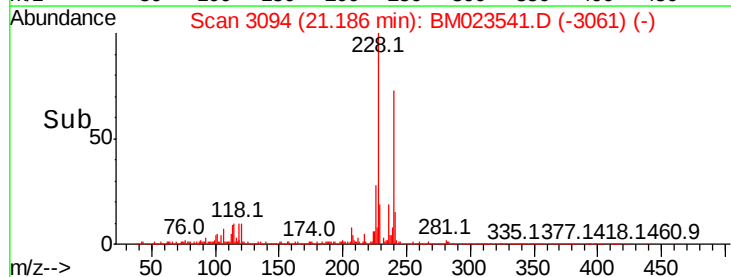
#83
 Benzo(a)anthracene
 Concen: 2.634 ng/ul
 RT: 21.19 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BM023541.D
 Acq: 01 Nov 2019 04:04

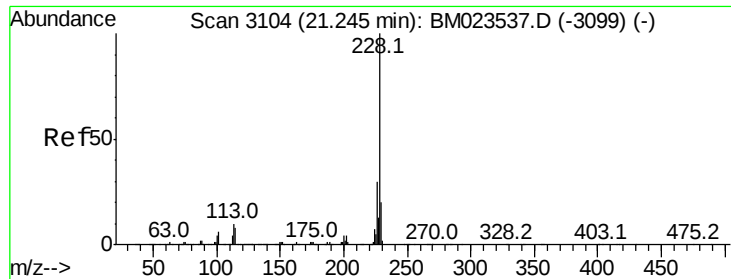
Tgt Ion:228 Resp: 389879

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.8	23.8
226	28.4	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

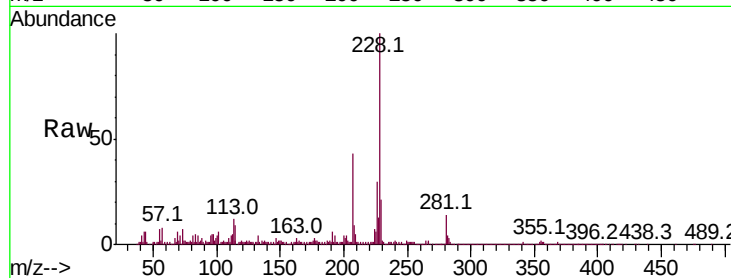




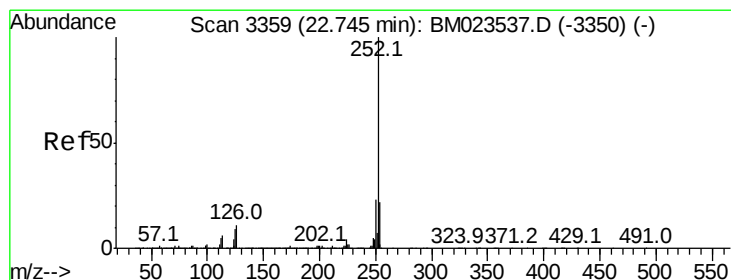
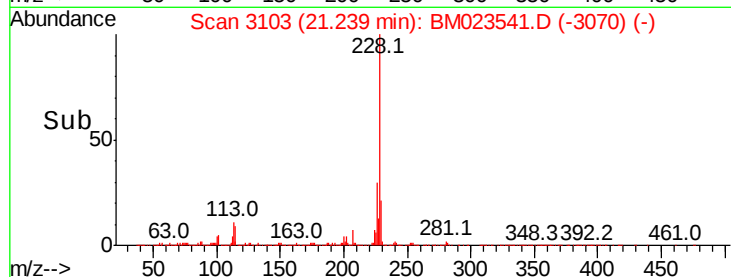
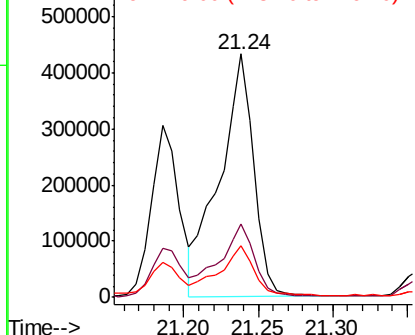
#85
Chrysene
Concen: 5.083 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM023541.D
Acq: 01 Nov 2019 04:04

Instrument :
BNA_M
ClientSampled :

Tot Ion:228 Resp: 694180
Ion Ratio Lower Upper
228 100
226 30.1 24.0 36.0
229 21.0 16.0 24.0

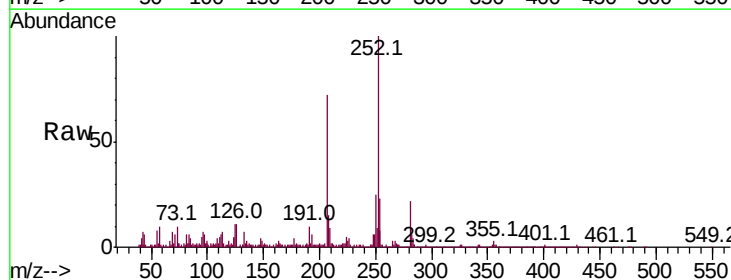


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

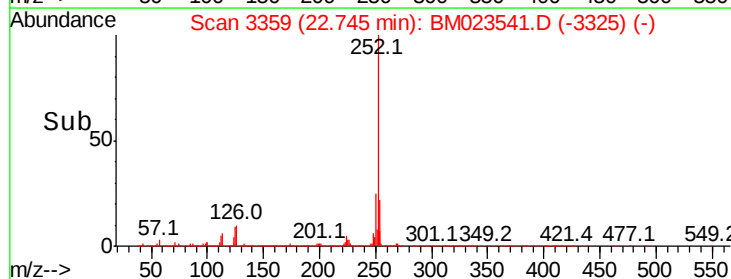
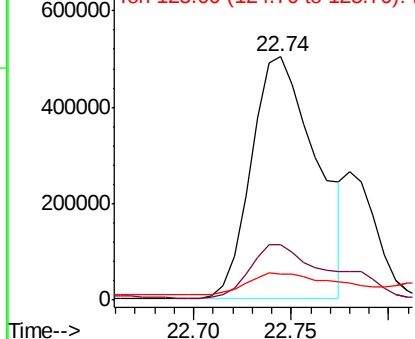


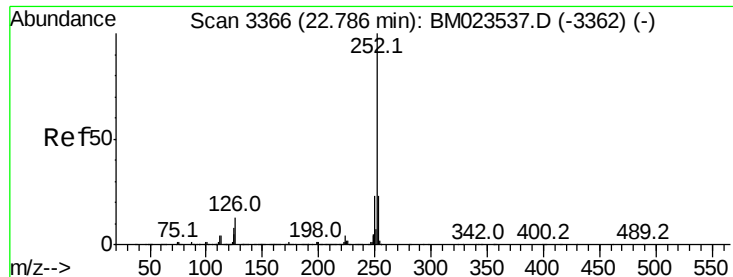
#88
Benzo(b)fluoranthene
Concen: 6.844 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. 0.00 min
Lab File: BM023541.D
Acq: 01 Nov 2019 04:04

Tgt Ion:252 Resp: 1160524
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 10.9 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: 7.288 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. -0.04 min

Lab File: BM023541.D

Acq: 01 Nov 2019 04:04

Instrument :

BNA_M

ClientSampleId :

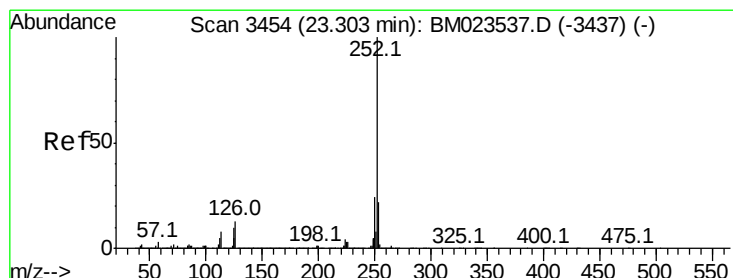
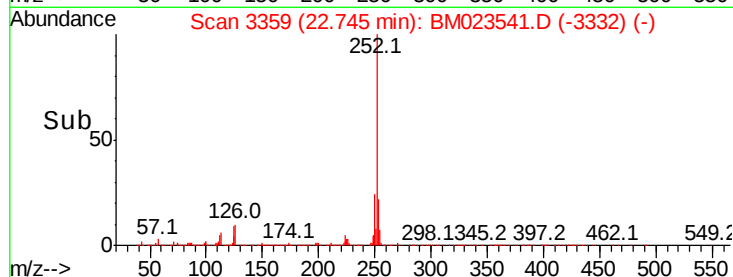
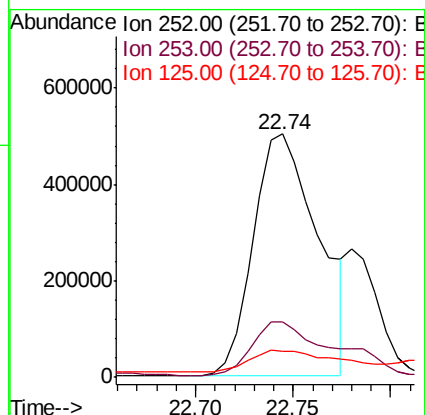
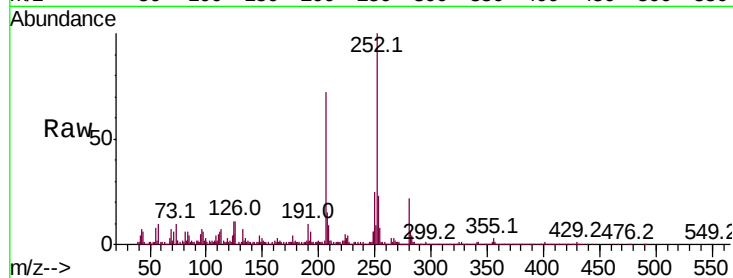
Tot Ion:252 Resp: 1160524

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

125 10.9 6.8 10.2#



#91

Benzo(a)pyrene

Concen: 2.979 ng/ul

RT: 23.30 min Scan# 3453

Delta R.T. -0.01 min

Lab File: BM023541.D

Acq: 01 Nov 2019 04:04

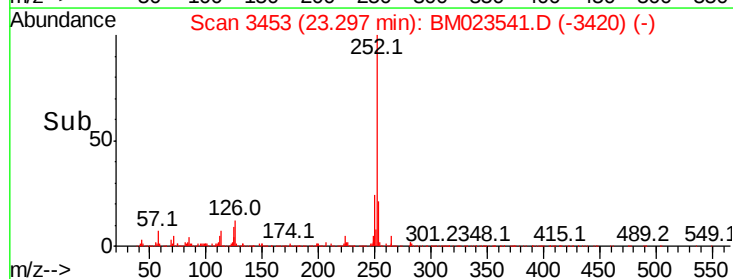
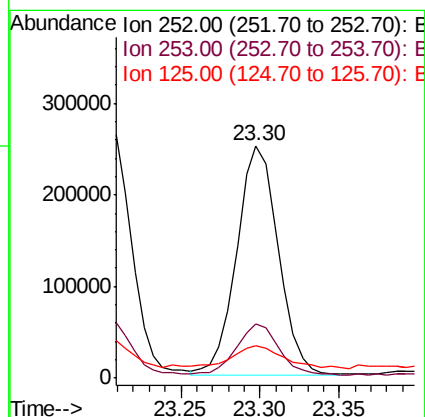
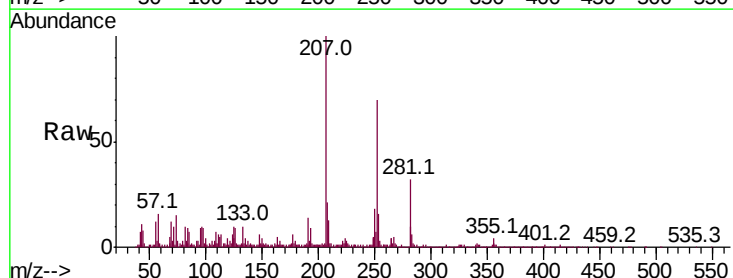
Tgt Ion:252 Resp: 457267

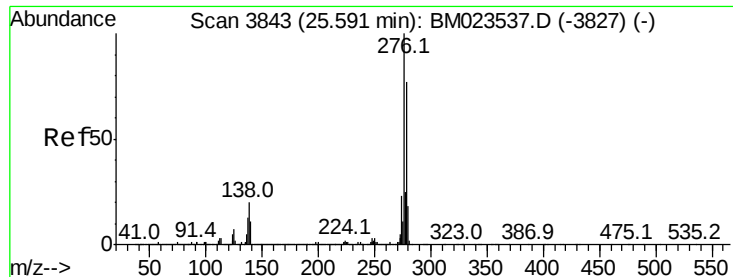
Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

125 13.9 7.5 11.3#



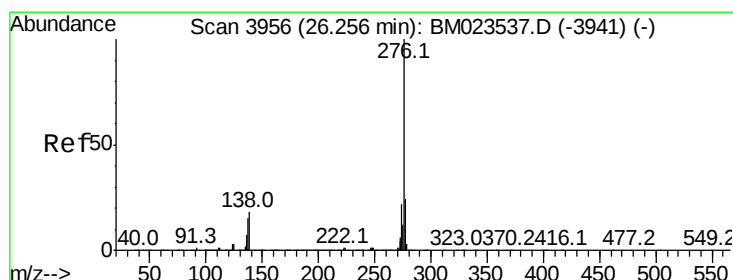
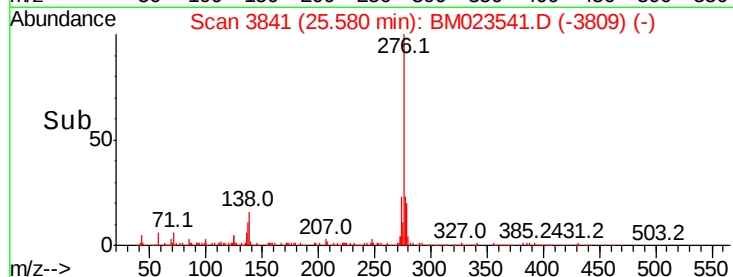
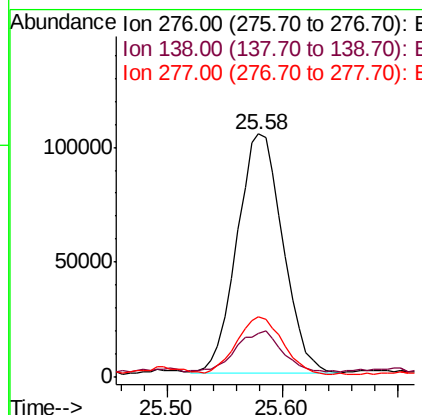
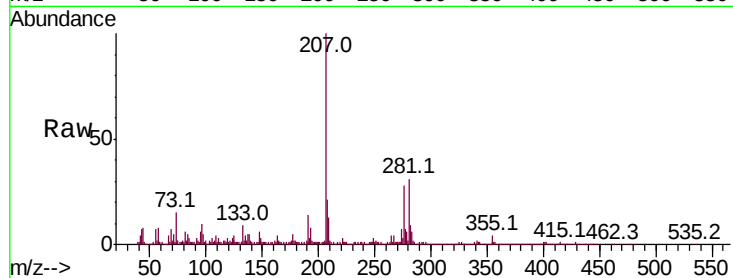


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.717 ng/ul
RT: 25.58 min Scan# 3841
Delta R.T. -0.01 min
Lab File: BM023541.D
Acq: 01 Nov 2019 04:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.9	15.7	23.5
277	24.6	20.2	30.2



#94

Benzo(g,h,i)perylene
Concen: 1.661 ng/ul
RT: 26.25 min Scan# 3955
Delta R.T. -0.01 min
Lab File: BM023541.D
Acq: 01 Nov 2019 04:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.3	14.4	21.6
277	23.8	19.0	28.6

