

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081722\
 Data File : BM036320.D
 Acq On : 17 Aug 2022 17:23
 Operator : CG/JU
 Sample : N4173-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 18 02:18:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 16 15:00:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

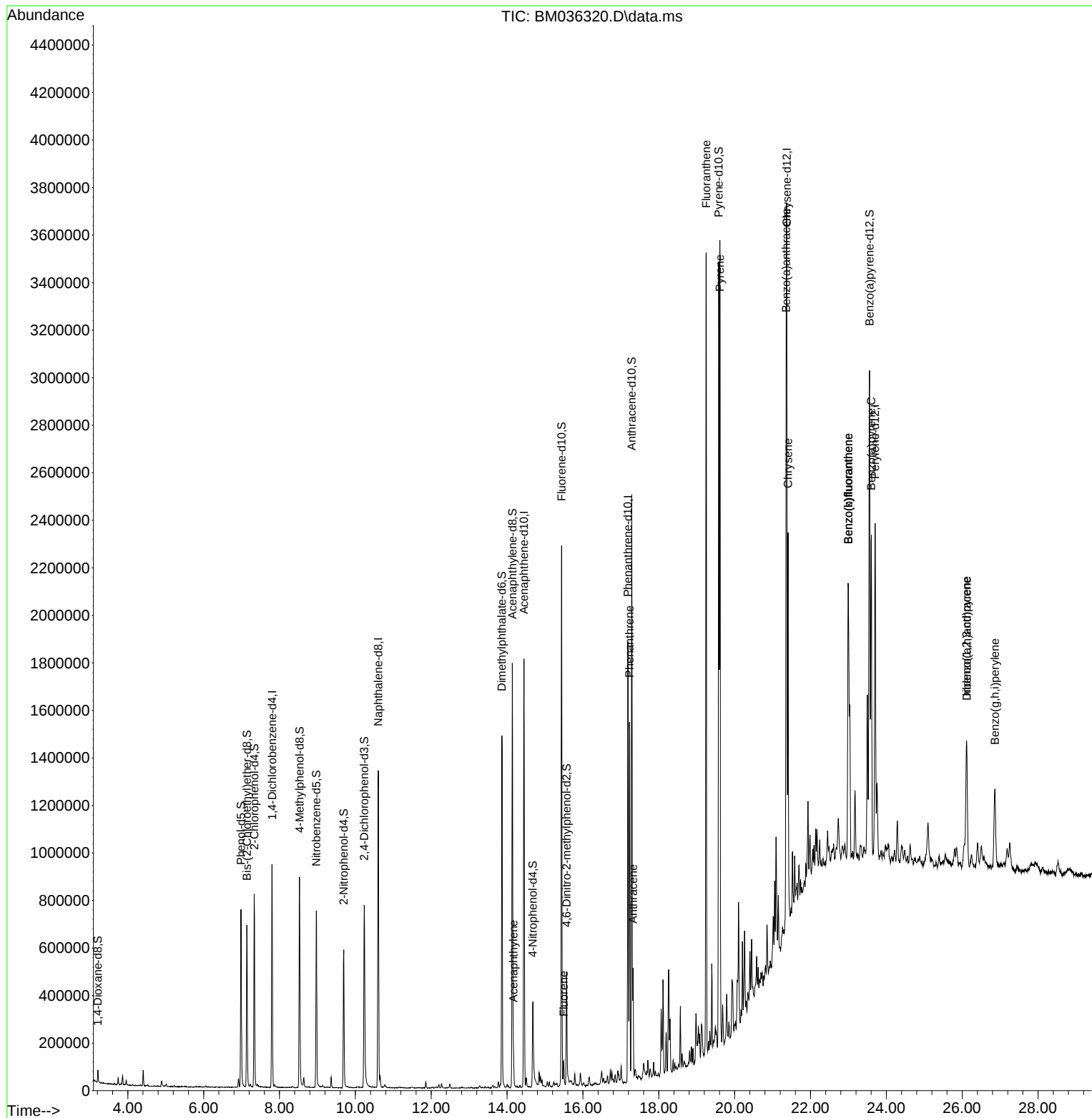
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	254647	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	1106656	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	597924	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1083661	20.000	ng/u1	0.00
79) Chrysene-d12	21.374	240	947329	20.000	ng/u1	0.00
88) Perylene-d12	23.703	264	987758	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	23102	3.457	ng/uL	0.00
4) Pyridine-d5	3.628	84	262	0.014	ng/u1	-0.01
7) Phenol-d5	6.987	99	447003	20.565	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	291571	21.311	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	377613	22.111	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	347553	21.415	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	186549	22.233	ng/u1	0.00
24) 2-Nitrophenol-d4	9.692	143	191174	22.462	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	322699	21.220	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	7286	0.309	ng/u1	0.02
46) Dimethylphthalate-d6	13.863	166	976681	25.819	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	1124230	23.829	ng/u1	0.00
54) 4-Nitrophenol-d4	14.680	143	124556	17.378	ng/u1	0.00
60) Fluorene-d10	15.439	176	858403	25.113	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.568	200	102564	18.410	ng/u1	0.00
73) Anthracene-d10	17.286	188	1305482	27.093	ng/u1	0.00
81) Pyrene-d10	19.580	212	1487149	30.262	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.556	264	1443572	29.808	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.168	152	97142	1.746	ng/u1	100
61) Fluorene	15.492	166	42646	1.069	ng/u1	98
72) Phenanthrene	17.227	178	864633	15.177	ng/u1	98
74) Anthracene	17.321	178	268110	4.694	ng/u1	98
80) Fluoranthene	19.250	202	1980569	33.349	ng/u1	98
82) Pyrene	19.609	202	1875268	30.258	ng/u1	98
85) Benzo(a)anthracene	21.356	228	1012910	17.793	ng/u1	96
87) Chrysene	21.409	228	813419	14.542	ng/u1	97
90) Benzo(b)fluoranthene	22.997	252	1034216	17.173	ng/u1	98
91) Benzo(k)fluoranthene	22.997	252	1034216	18.051	ng/u1	98
93) Benzo(a)pyrene	23.603	252	862995	14.566	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.115	276	509816	7.319	ng/u1#	89
95) Dibenzo(a,h)anthracene	26.121	278	123006	2.050	ng/u1#	73
96) Benzo(g,h,i)perylene	26.862	276	423591	7.111	ng/u1	96

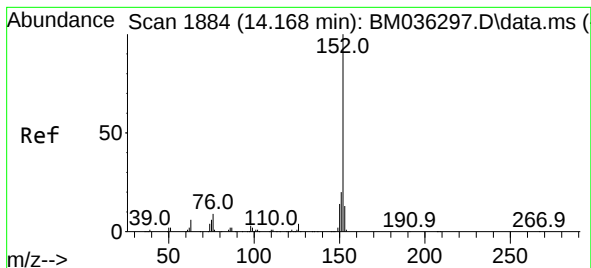
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#50

Acenaphthylene

Concen: 1.746 ng/ul

RT: 14.168 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM036320.D

Acq: 17 Aug 2022 17:23

Instrument :

BNA_M

ClientSampleId :

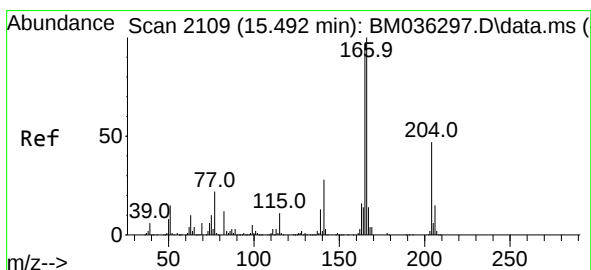
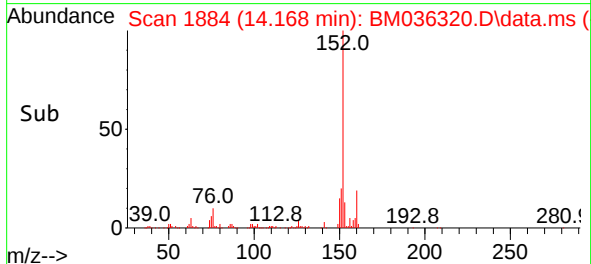
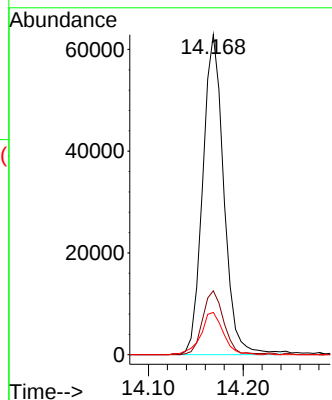
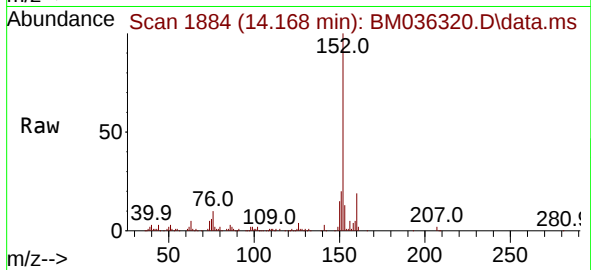
Tgt Ion:152 Resp: 97142

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

153 13.2 10.6 15.8



#61

Fluorene

Concen: 1.069 ng/ul

RT: 15.492 min Scan# 2109

Delta R.T. 0.000 min

Lab File: BM036320.D

Acq: 17 Aug 2022 17:23

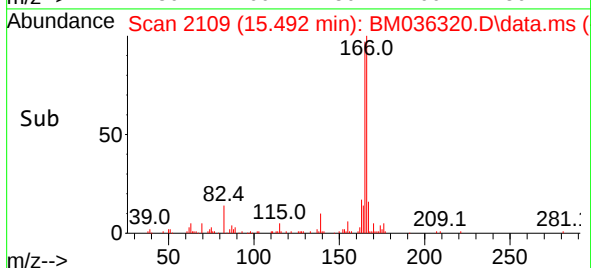
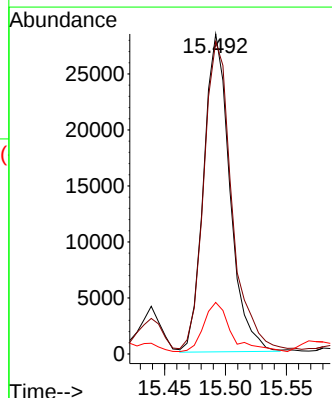
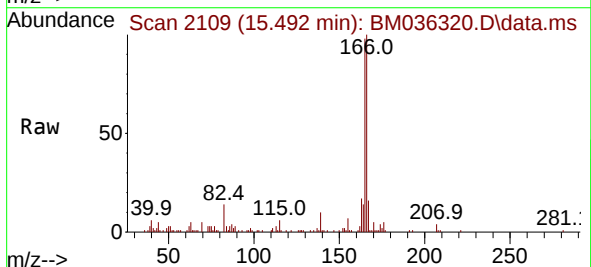
Tgt Ion:166 Resp: 42646

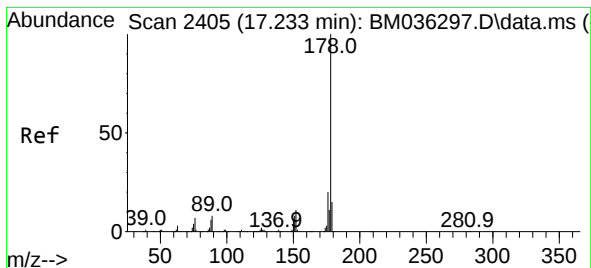
Ion Ratio Lower Upper

166 100

165 97.6 77.2 115.8

167 16.1 11.0 16.4





#72

Phenanthrene

Concen: 15.177 ng/ul

RT: 17.227 min Scan# 2404

Delta R.T. -0.006 min

Lab File: BM036320.D

Acq: 17 Aug 2022 17:23

Instrument :

BNA_M

ClientSampleId :

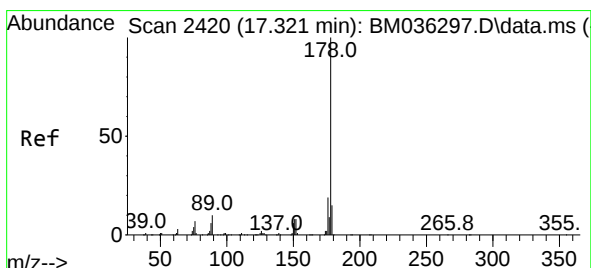
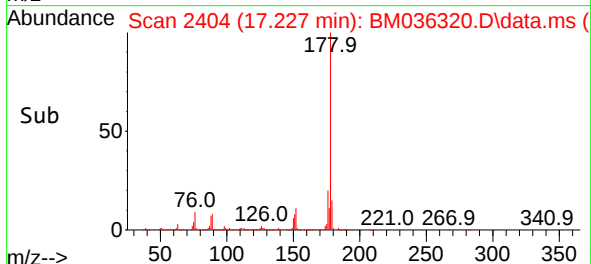
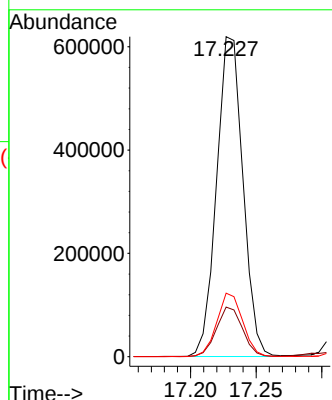
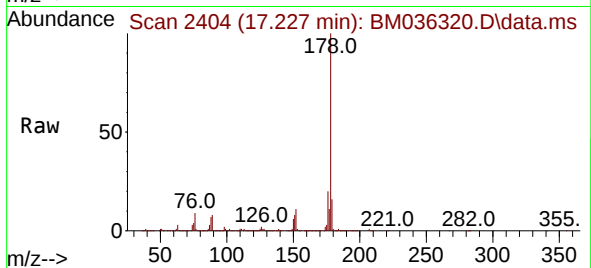
Tgt Ion:178 Resp: 864633

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

176 19.9 14.9 22.3



#74

Anthracene

Concen: 4.694 ng/ul

RT: 17.321 min Scan# 2420

Delta R.T. 0.000 min

Lab File: BM036320.D

Acq: 17 Aug 2022 17:23

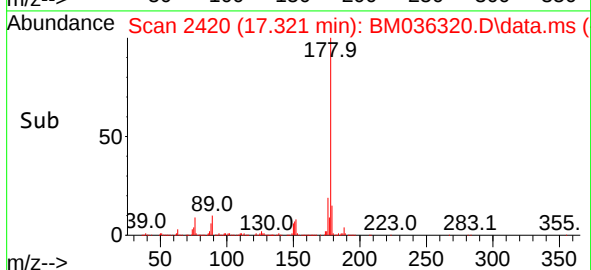
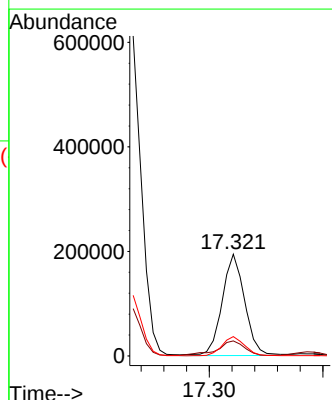
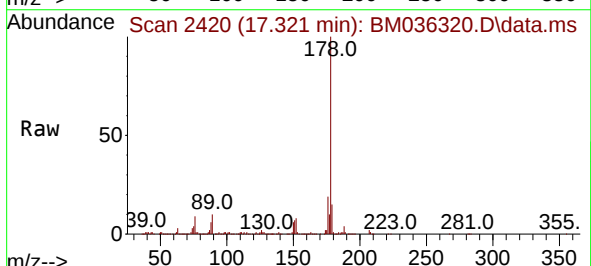
Tgt Ion:178 Resp: 268110

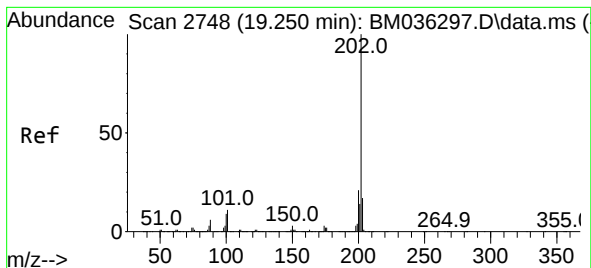
Ion Ratio Lower Upper

178 100

179 14.8 12.2 18.2

176 19.1 14.4 21.6





#80

Fluoranthene

Concen: 33.349 ng/u1

RT: 19.250 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM036320.D

Acq: 17 Aug 2022 17:23

Instrument :

BNA_M

ClientSampleId :

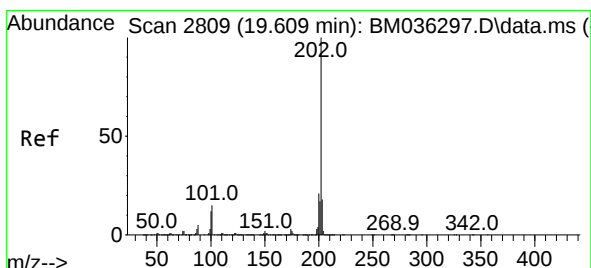
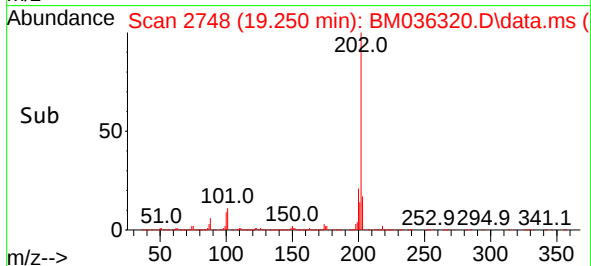
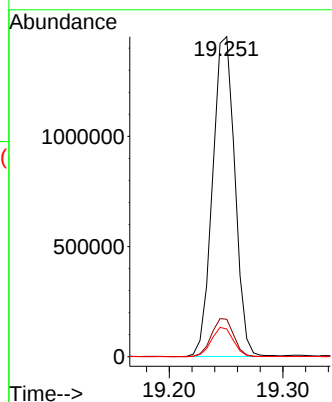
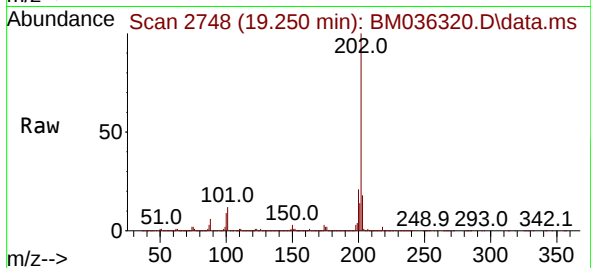
Tgt Ion:202 Resp: 1980569

Ion Ratio Lower Upper

202 100

101 11.7 10.1 15.1

100 8.7 7.8 11.6



#82

Pyrene

Concen: 30.258 ng/u1

RT: 19.609 min Scan# 2809

Delta R.T. 0.000 min

Lab File: BM036320.D

Acq: 17 Aug 2022 17:23

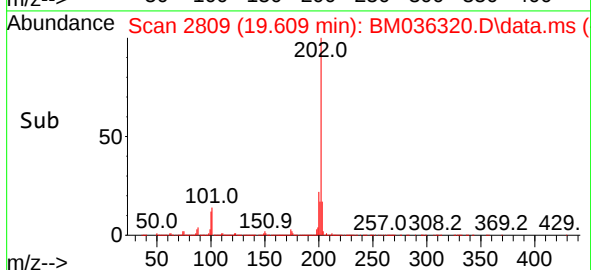
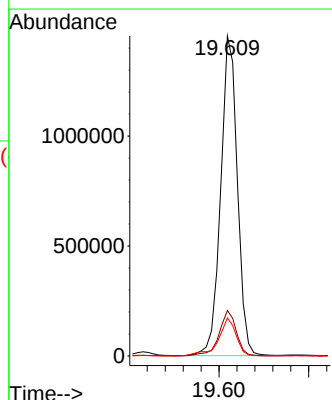
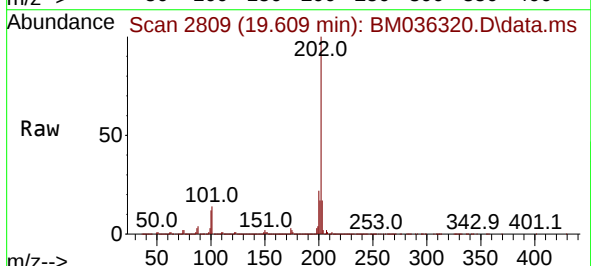
Tgt Ion:202 Resp: 1875268

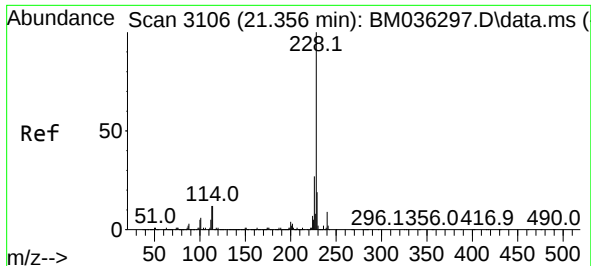
Ion Ratio Lower Upper

202 100

101 14.2 11.9 17.9

100 11.9 10.2 15.4

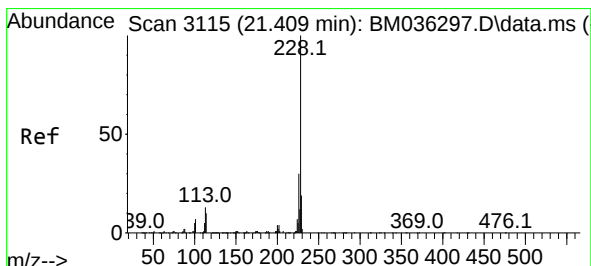
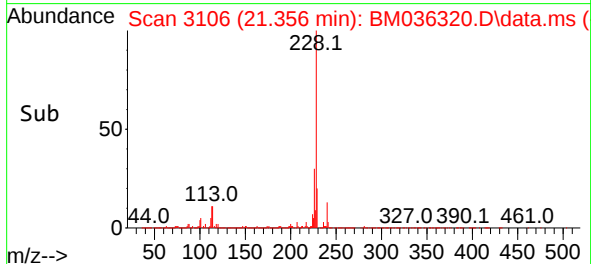
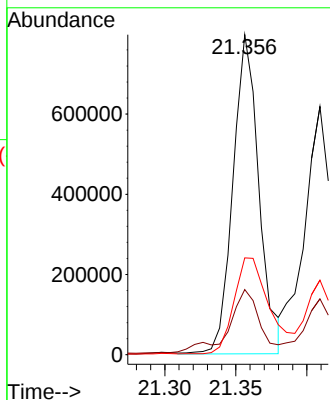
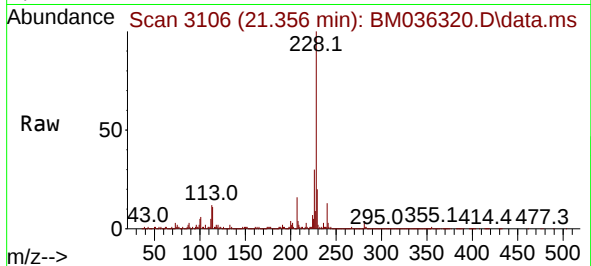




#85
Benzo(a)anthracene
Concen: 17.793 ng/u1
RT: 21.356 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BM036320.D
Acq: 17 Aug 2022 17:23

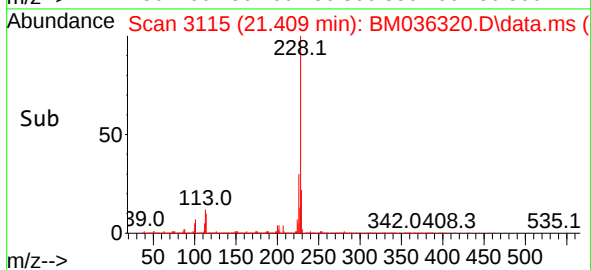
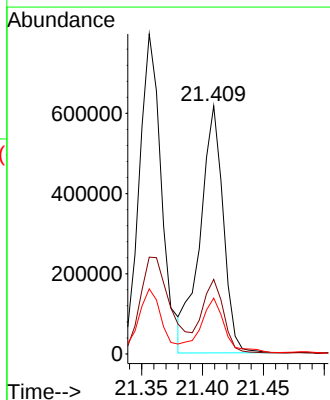
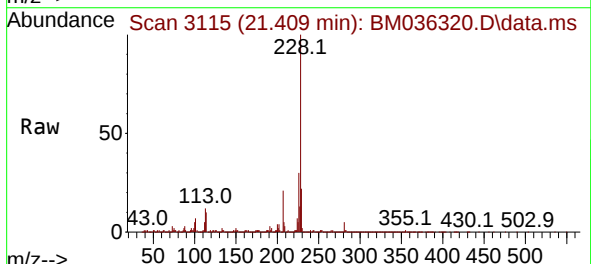
Instrument :
BNA_M
ClientSampleId :

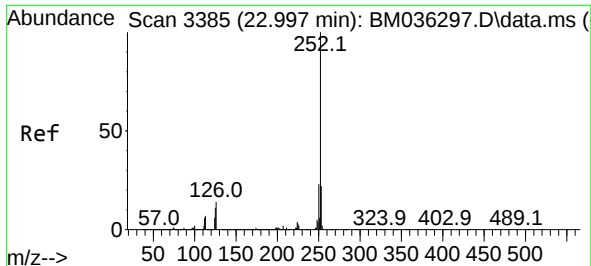
Tgt Ion:228 Resp: 1012910
Ion Ratio Lower Upper
228 100
229 20.4 15.6 23.4
226 30.3 21.7 32.5



#87
Chrysene
Concen: 14.542 ng/u1
RT: 21.409 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BM036320.D
Acq: 17 Aug 2022 17:23

Tgt Ion:228 Resp: 813419
Ion Ratio Lower Upper
228 100
226 30.1 23.7 35.5
229 22.5 15.5 23.3

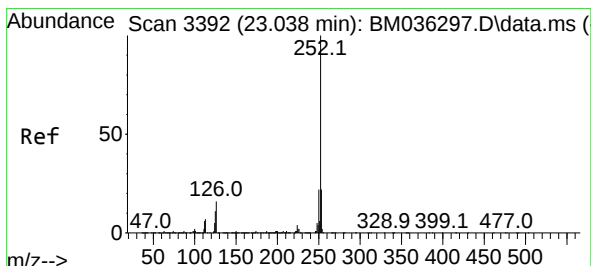
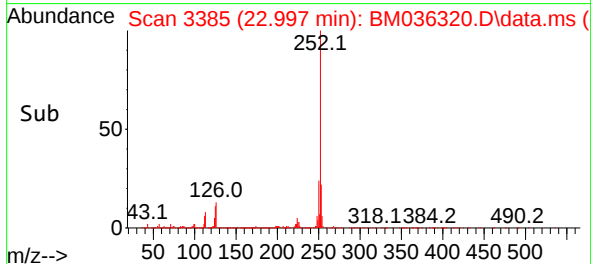
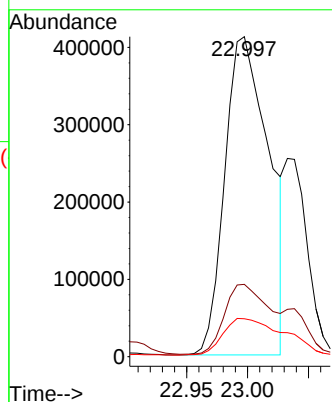
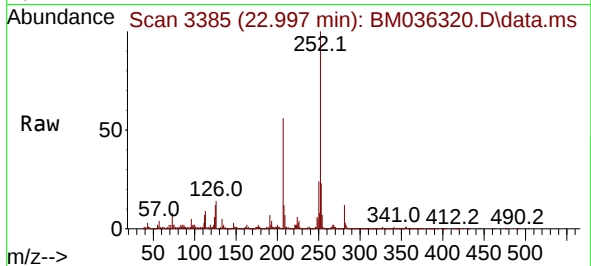




#90
Benzo(b)fluoranthene
Concen: 17.173 ng/ul
RT: 22.997 min Scan# 3385
Delta R.T. 0.000 min
Lab File: BM036320.D
Acq: 17 Aug 2022 17:23

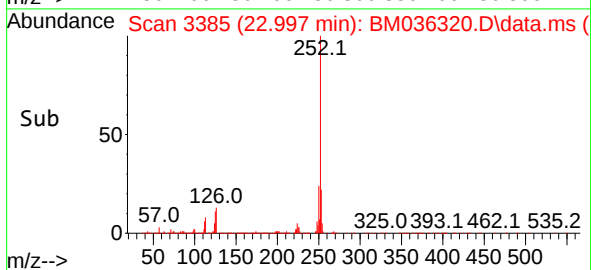
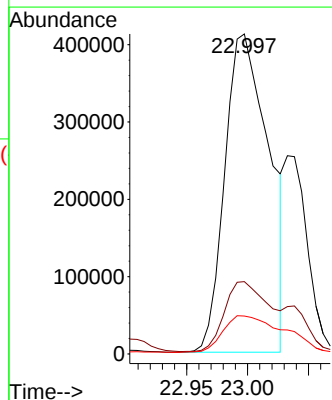
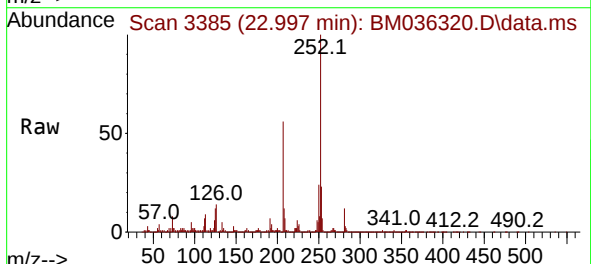
Instrument :
BNA_M
ClientSampleId :

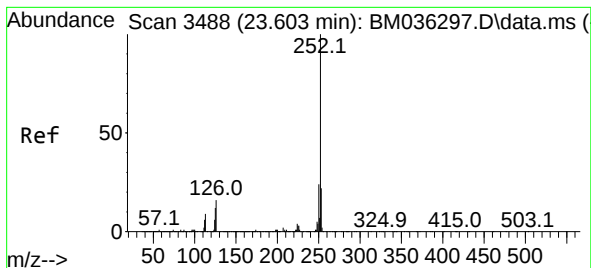
Tgt Ion:252 Resp: 1034216
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 11.8 10.7 16.1



#91
Benzo(k)fluoranthene
Concen: 18.051 ng/ul
RT: 22.997 min Scan# 3385
Delta R.T. -0.041 min
Lab File: BM036320.D
Acq: 17 Aug 2022 17:23

Tgt Ion:252 Resp: 1034216
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 11.8 10.6 15.8





#93

Benzo(a)pyrene

Concen: 14.566 ng/ul

RT: 23.603 min Scan# 3488

Delta R.T. 0.000 min

Lab File: BM036320.D

Acq: 17 Aug 2022 17:23

Instrument :

BNA_M

ClientSampleId :

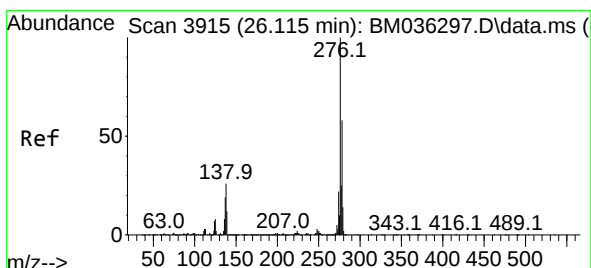
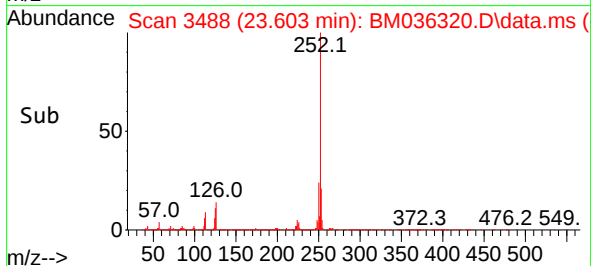
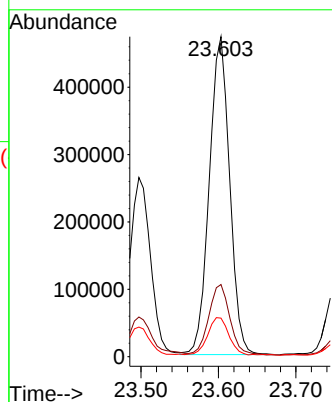
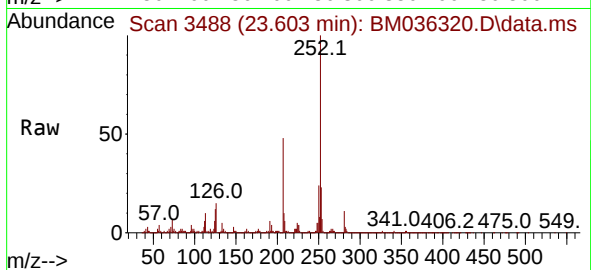
Tgt Ion:252 Resp: 862995

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

125 12.0 11.8 17.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 7.319 ng/ul

RT: 26.115 min Scan# 3915

Delta R.T. 0.000 min

Lab File: BM036320.D

Acq: 17 Aug 2022 17:23

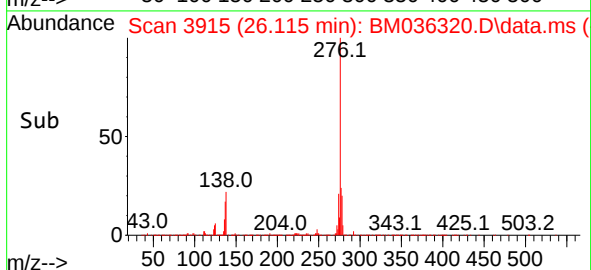
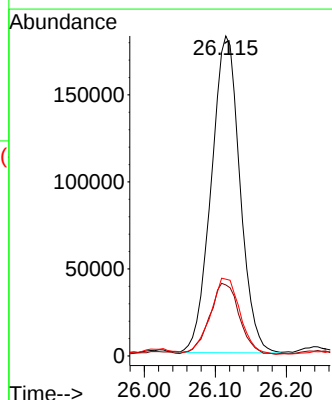
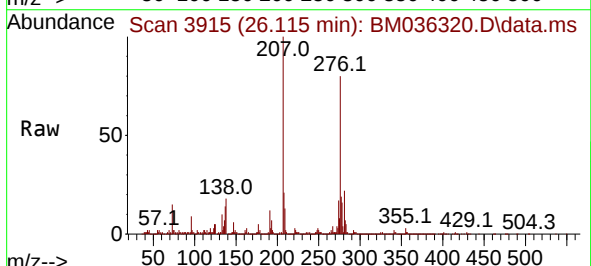
Tgt Ion:276 Resp: 509816

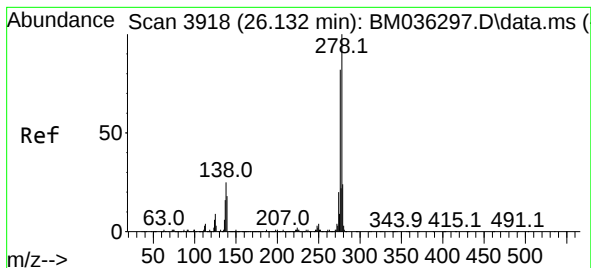
Ion Ratio Lower Upper

276 100

138 22.2 25.6 38.4#

277 24.0 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 2.050 ng/ul

RT: 26.121 min Scan# 3916

Delta R.T. -0.012 min

Lab File: BM036320.D

Acq: 17 Aug 2022 17:23

Instrument :

BNA_M

ClientSampleId :

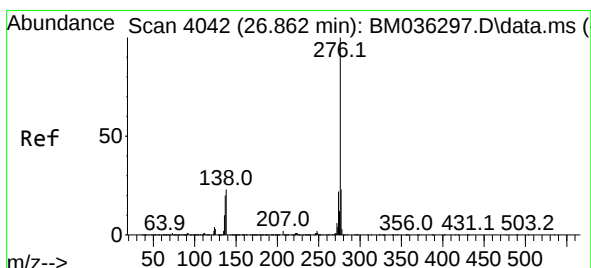
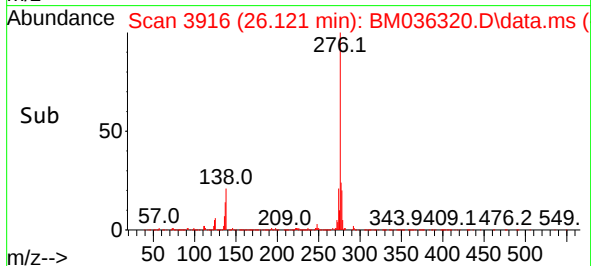
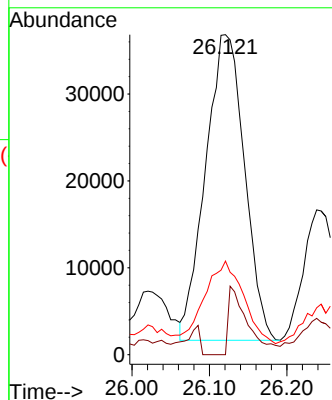
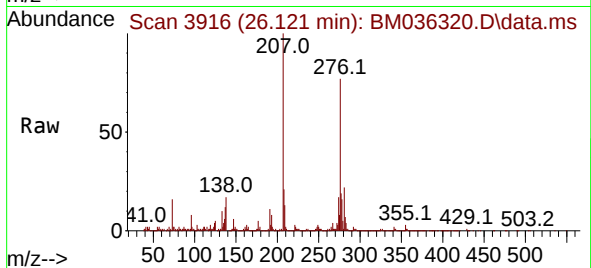
Tgt Ion:278 Resp: 123006

Ion Ratio Lower Upper

278 100

139 0.0 16.2 24.2#

279 29.3 18.7 28.1#



#96

Benzo(g,h,i)perylene

Concen: 7.111 ng/ul

RT: 26.862 min Scan# 4042

Delta R.T. 0.000 min

Lab File: BM036320.D

Acq: 17 Aug 2022 17:23

Tgt Ion:276 Resp: 423591

Ion Ratio Lower Upper

276 100

138 23.2 21.3 31.9

277 23.7 18.6 28.0

