

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
 Data File : BM035732.D
 Acq On : 28 Jun 2022 20:02
 Operator : CG/JU
 Sample : N3400-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 29 04:27:45 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 04:24:18 2022
 Response via : Initial Calibration

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

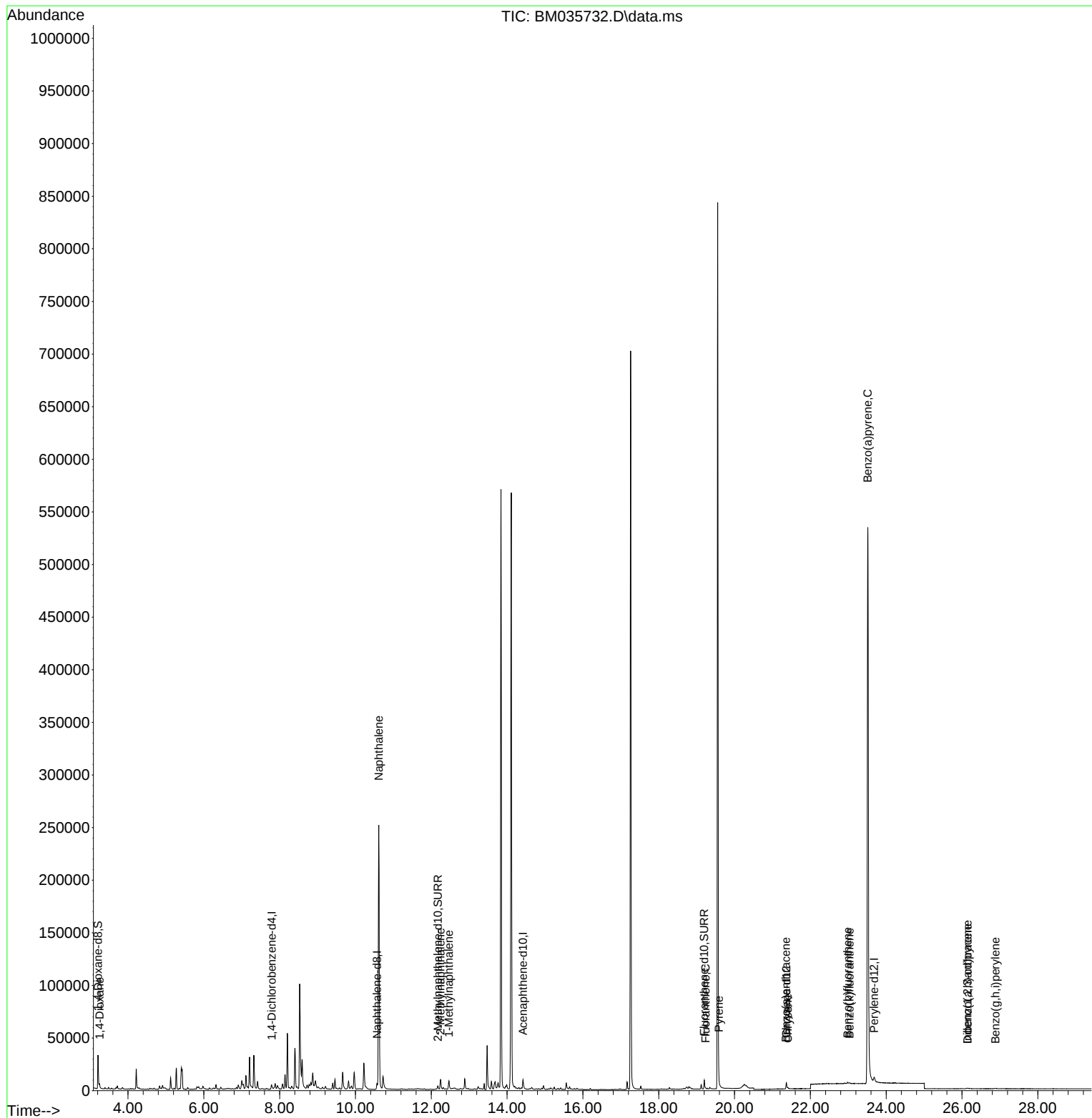
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	2553	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.567	136	8139	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.418	164	6456	0.400	ng/ul	0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-17.18
17) Chrysene-d12	21.366	240	6685	0.400	ng/ul	# 0.00
23) Perylene-d12	23.680	264	8171	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.209	96	20260	5.848	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	5199	0.408	ng/ul	-0.03
18) Fluoranthene-d10	19.201	212	9576	0.425	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.247	88	2115	0.617	ng/ul#	82
5) Naphthalene	10.617	128	353813	14.221	ng/ul	95
7) 2-Methylnaphthalene	12.244	142	7797	0.500	ng/ul	92
8) 1-Methylnaphthalene	12.459	142	3628	0.246	ng/ul	100
19) Fluoranthene	19.234	202	810	0.024	ng/ul#	29
20) Pyrene	19.587	202	1089	0.029	ng/ul#	50
21) Benzo(a)anthracene	21.354	228	685	0.030	ng/ul#	36
22) Chrysene	21.406	228	900	0.030	ng/ul#	53
24) Benzo(b)fluoranthene	22.982	252	1363	0.039	ng/ul#	1
25) Benzo(k)fluoranthene	23.028	252	1182	0.033	ng/ul#	1
26) Benzo(a)pyrene	23.514	252	3160	0.088	ng/ul#	34
27) Indeno(1,2,3-cd)pyrene	26.145	276	961	0.025	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.145	278	642	0.021	ng/ul#	1
29) Benzo(g,h,i)perylene	26.880	276	909	0.025	ng/ul#	1

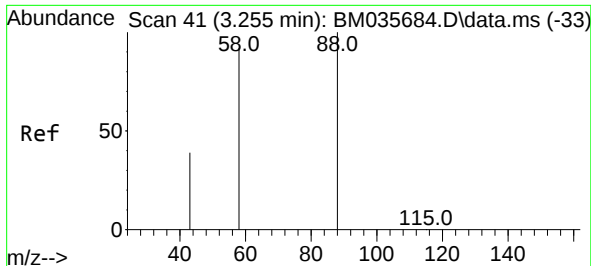
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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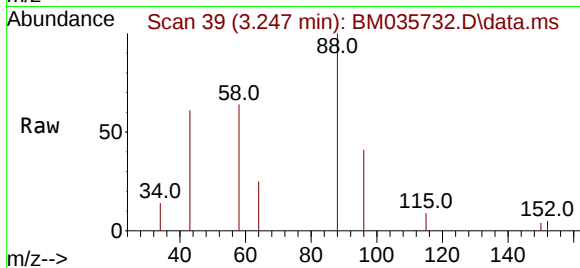
Quant Time: Jun 29 04:27:45 2022
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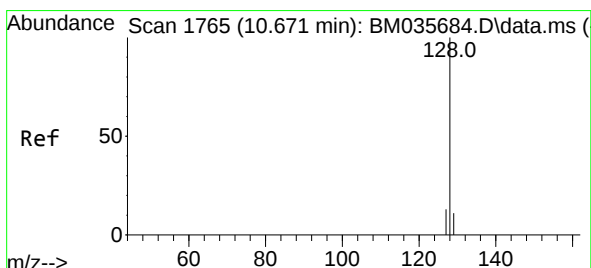
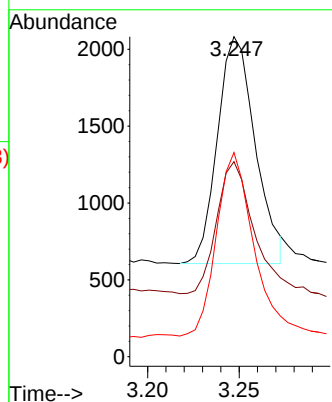
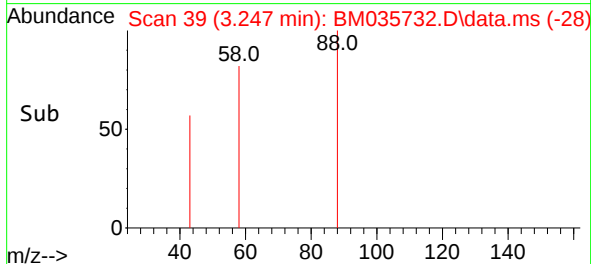


#2
1,4-Dioxane
Concen: 0.617 ng/ul
RT: 3.247 min Scan# 39
Delta R.T. -0.004 min
Lab File: BM035732.D
Acq: 28 Jun 2022 20:02

Instrument :
BNA_M
ClientSampleId :

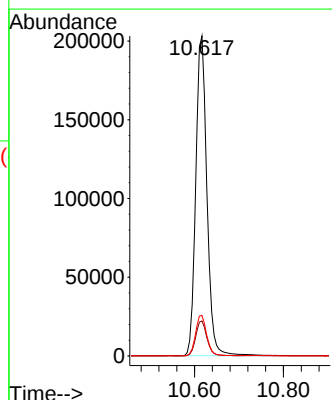
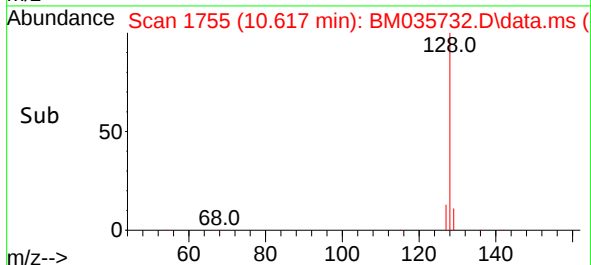
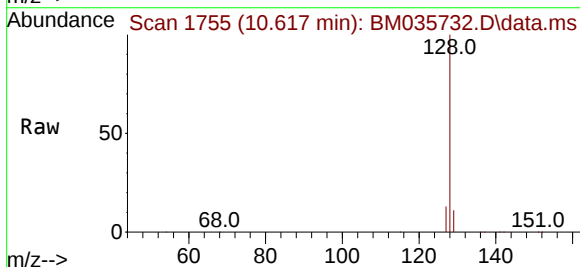


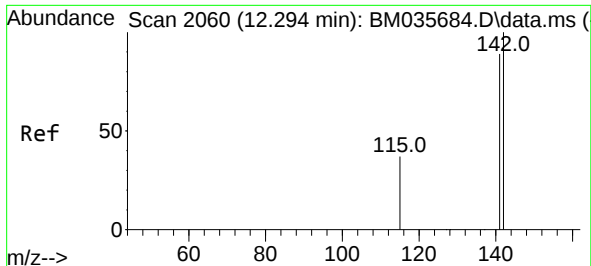
Tgt Ion: 88 Resp: 2115
Ion Ratio Lower Upper
88 100
43 61.0 37.8 56.6#
58 63.8 42.6 63.8



#5
Naphthalene
Concen: 14.221 ng/ul
RT: 10.617 min Scan# 1755
Delta R.T. -0.033 min
Lab File: BM035732.D
Acq: 28 Jun 2022 20:02

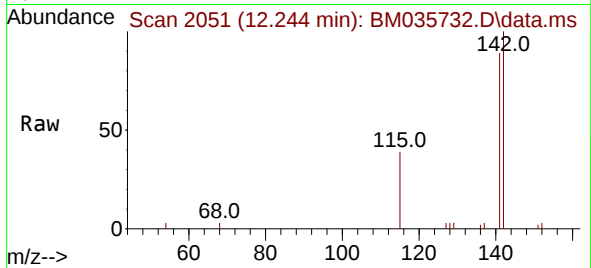
Tgt Ion: 128 Resp: 353813
Ion Ratio Lower Upper
128 100
129 10.9 10.2 15.2
127 12.6 11.7 17.5



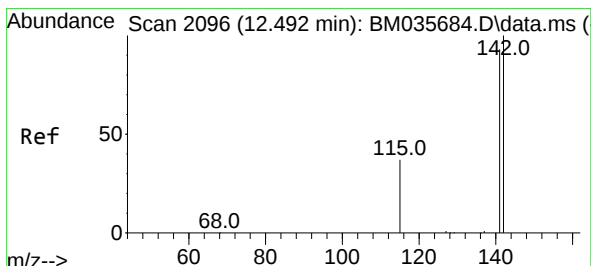
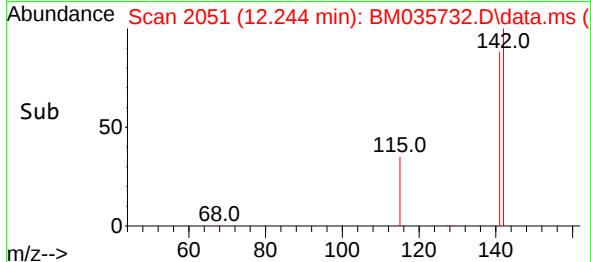
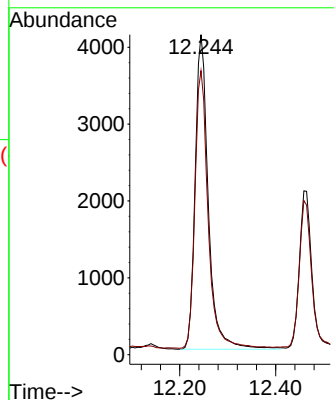


#7
2-Methylnaphthalene
Concen: 0.500 ng/ul
RT: 12.244 min Scan# 2051
Delta R.T. -0.027 min
Lab File: BM035732.D
Acq: 28 Jun 2022 20:02

Instrument :
BNA_M
ClientSampleId :

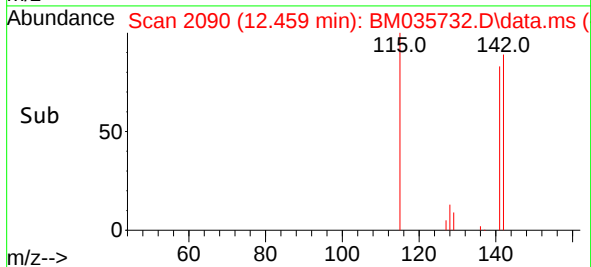
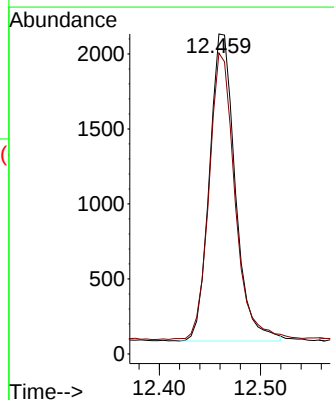
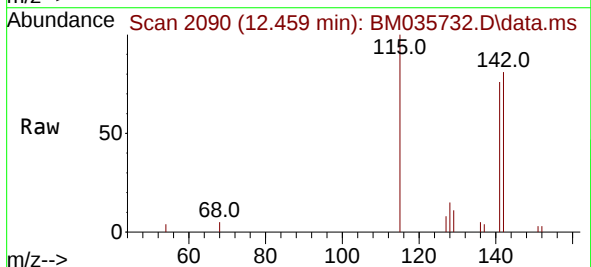


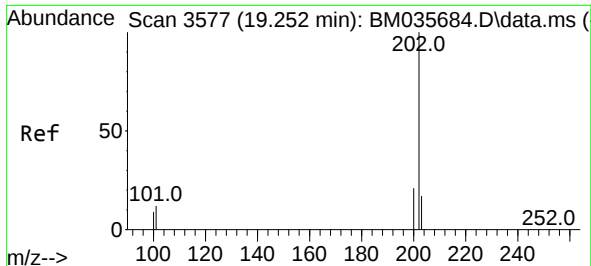
Tgt Ion:142 Resp: 7797
Ion Ratio Lower Upper
142 100
141 88.5 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.246 ng/ul
RT: 12.459 min Scan# 2090
Delta R.T. -0.022 min
Lab File: BM035732.D
Acq: 28 Jun 2022 20:02

Tgt Ion:142 Resp: 3628
Ion Ratio Lower Upper
142 100
141 93.0 74.1 111.1

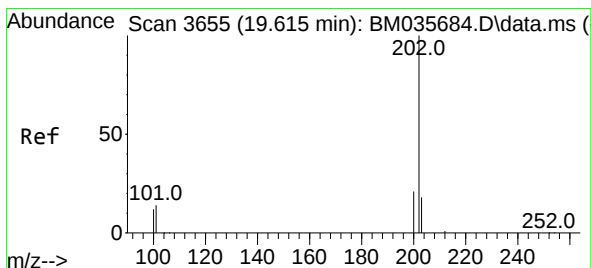
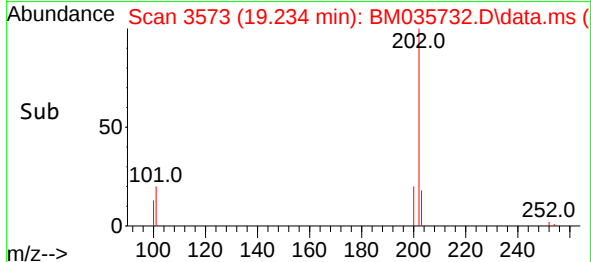
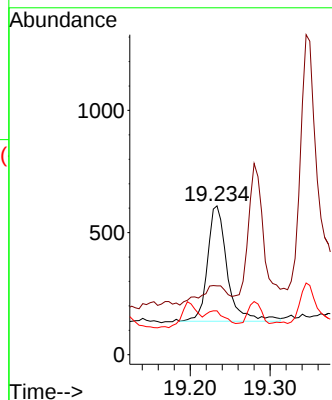
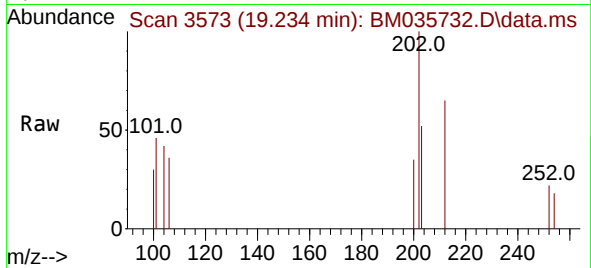




#19
Fluoranthene
Concen: 0.024 ng/ul
RT: 19.234 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM035732.D
Acq: 28 Jun 2022 20:02

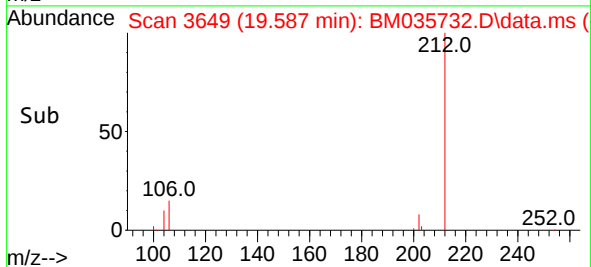
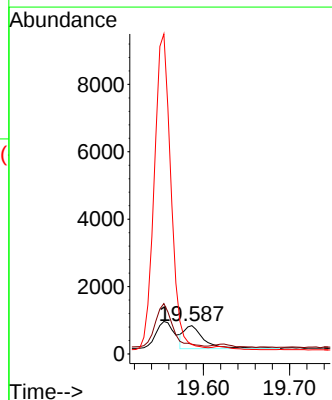
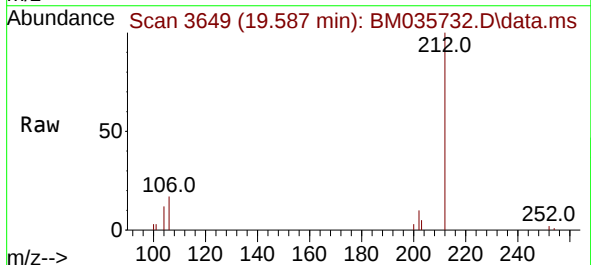
Instrument :
BNA_M
ClientSampleId :

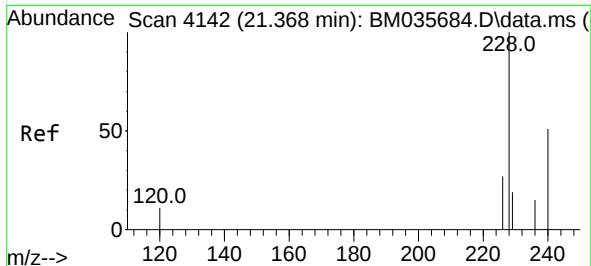
Tgt Ion:202 Resp: 810
Ion Ratio Lower Upper
202 100
101 46.3 10.1 15.1#
100 29.6 7.9 11.9#



#20
Pyrene
Concen: 0.029 ng/ul
RT: 19.587 min Scan# 3649
Delta R.T. -0.018 min
Lab File: BM035732.D
Acq: 28 Jun 2022 20:02

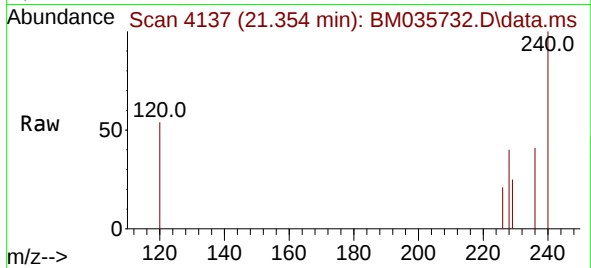
Tgt Ion:202 Resp: 1089
Ion Ratio Lower Upper
202 100
101 34.7 12.0 18.0#
100 33.3 9.8 14.6#



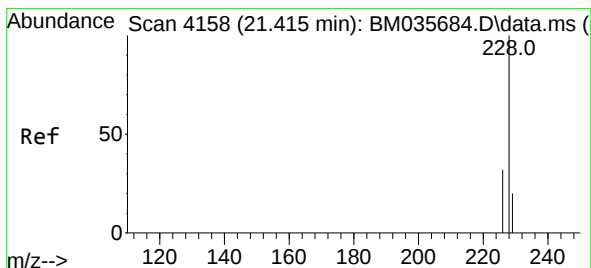
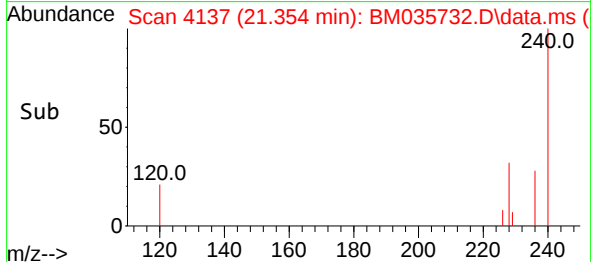
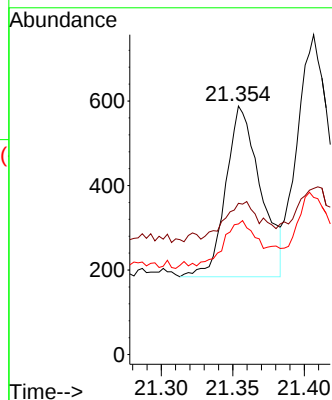


#21
Benzo(a)anthracene
Concen: 0.030 ng/ul
RT: 21.354 min Scan# 4137
Delta R.T. -0.006 min
Lab File: BM035732.D
Acq: 28 Jun 2022 20:02

Instrument :
BNA_M
ClientSampleId :

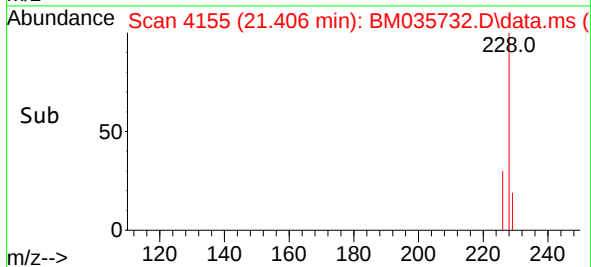
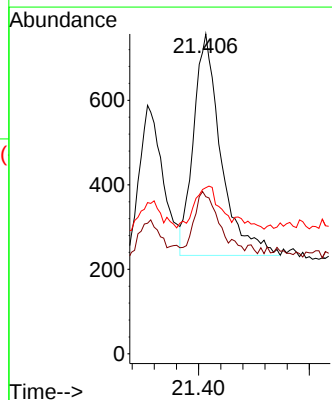
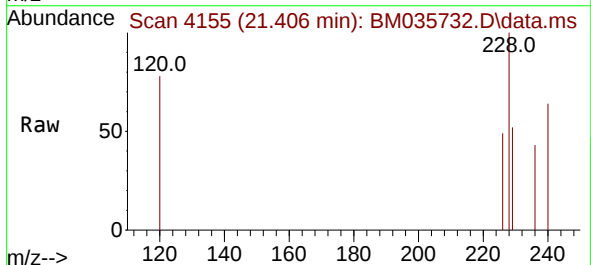


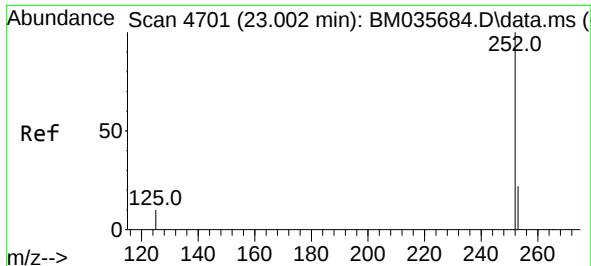
Tgt Ion:228 Resp: 685
Ion Ratio Lower Upper
228 100
229 60.9 16.2 24.2#
226 52.6 22.5 33.7#



#22
Chrysene
Concen: 0.030 ng/ul
RT: 21.406 min Scan# 4155
Delta R.T. -0.006 min
Lab File: BM035732.D
Acq: 28 Jun 2022 20:02

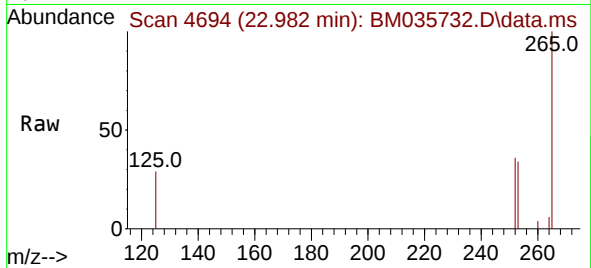
Tgt Ion:228 Resp: 900
Ion Ratio Lower Upper
228 100
226 49.1 24.6 37.0#
229 51.9 16.4 24.6#



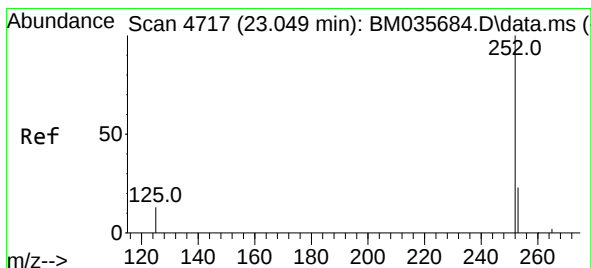
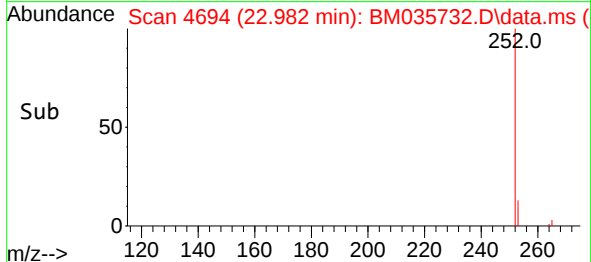
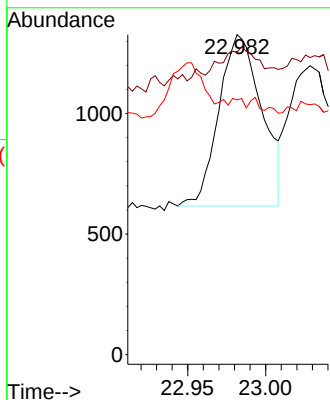


#24
Benzo(b)fluoranthene
Concen: 0.039 ng/ul
RT: 22.982 min Scan# 4701
Delta R.T. -0.015 min
Lab File: BM035732.D
Acq: 28 Jun 2022 20:02

Instrument :
BNA_M
ClientSampleId :

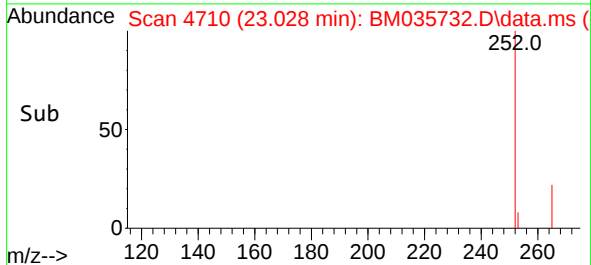
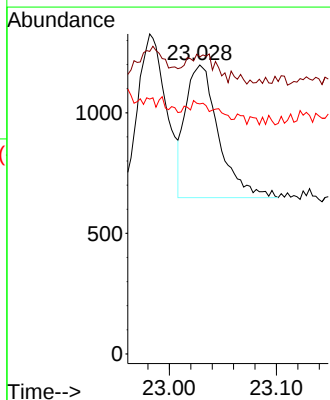
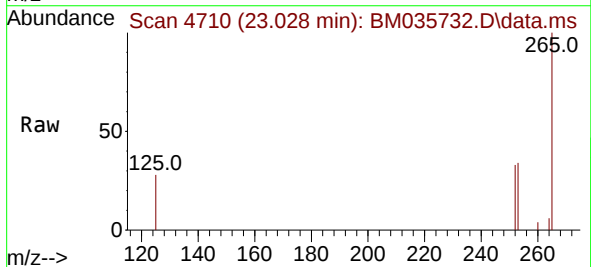


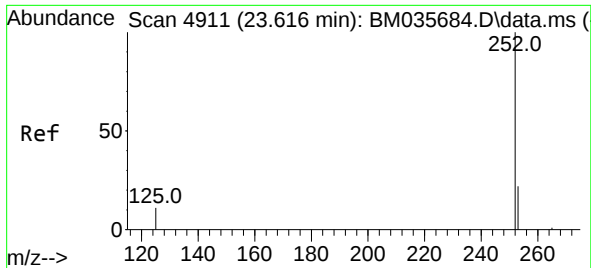
Tgt Ion:252 Resp: 1363
Ion Ratio Lower Upper
252 100
253 94.6 0.0 61.4#
125 79.7 0.0 42.6#



#25
Benzo(k)fluoranthene
Concen: 0.033 ng/ul
RT: 23.028 min Scan# 4710
Delta R.T. -0.015 min
Lab File: BM035732.D
Acq: 28 Jun 2022 20:02

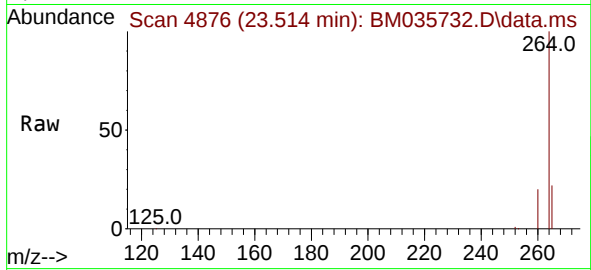
Tgt Ion:252 Resp: 1182
Ion Ratio Lower Upper
252 100
253 102.8 25.2 37.8#
125 86.6 18.3 27.5#



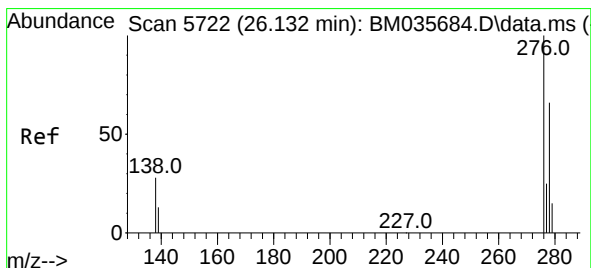
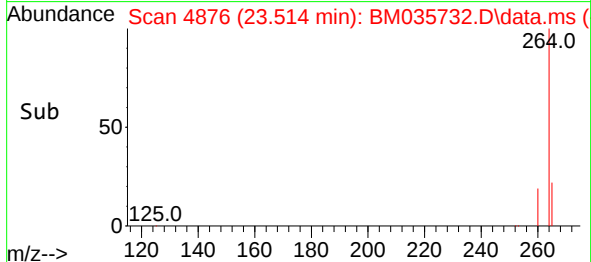
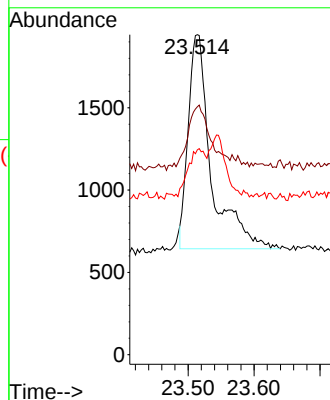


#26
Benzo(a)pyrene
Concen: 0.088 ng/ul
RT: 23.514 min Scan# 4876
Delta R.T. -0.091 min
Lab File: BM035732.D
Acq: 28 Jun 2022 20:02

Instrument :
BNA_M
ClientSampleId :

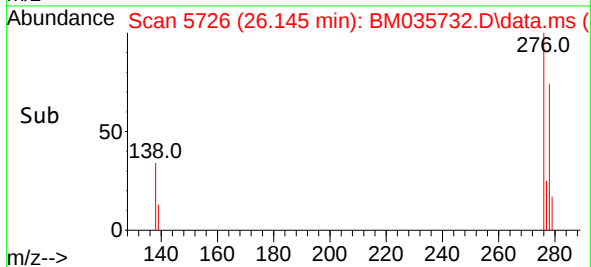
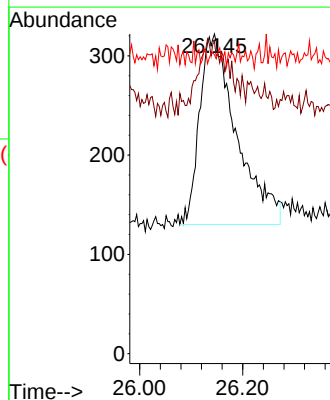
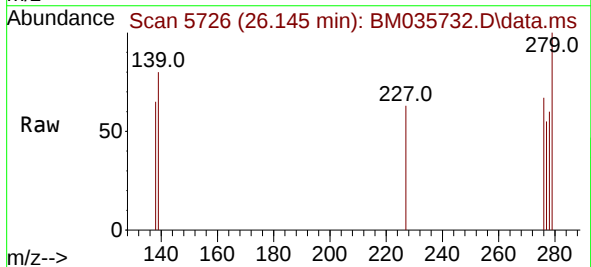


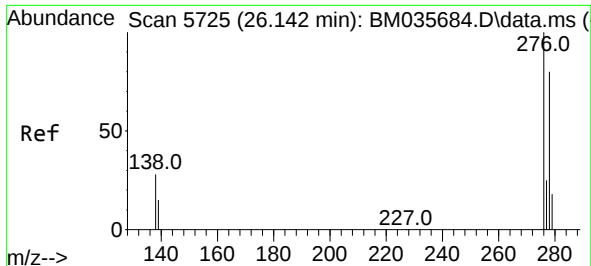
Tgt Ion:252 Resp: 3160
Ion Ratio Lower Upper
252 100
253 77.5 29.7 44.5#
125 64.0 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.025 ng/ul
RT: 26.145 min Scan# 5726
Delta R.T. 0.034 min
Lab File: BM035732.D
Acq: 28 Jun 2022 20:02

Tgt Ion:276 Resp: 961
Ion Ratio Lower Upper
276 100
138 0.0 23.9 35.9#
227 1.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.021 ng/ul

RT: 26.145 min Scan# 51

Delta R.T. 0.027 min

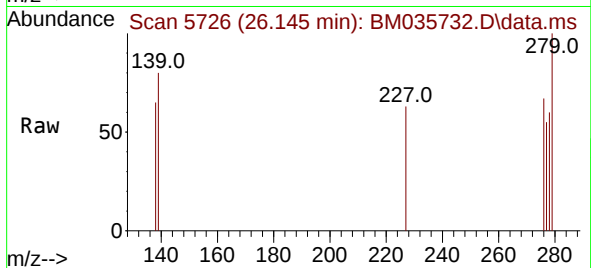
Lab File: BM035732.D

Acq: 28 Jun 2022 20:02

Instrument :

BNA_M

ClientSampleId :



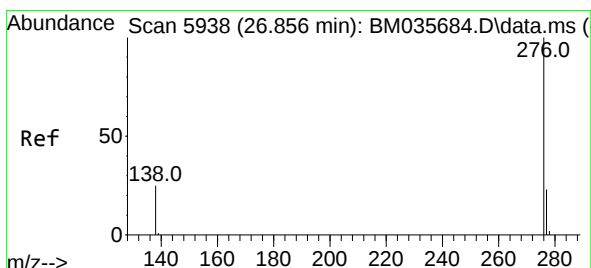
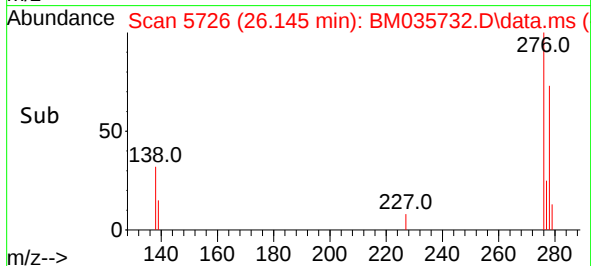
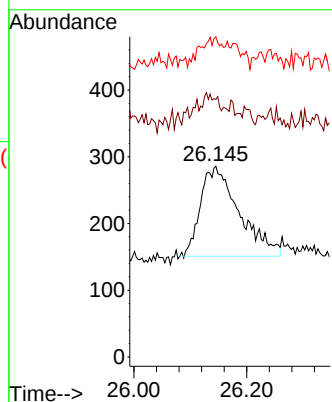
Tgt Ion:278 Resp: 642

Ion Ratio Lower Upper

278 100

139 135.0 19.8 29.6#

279 167.8 27.7 41.5#



#29

Benzo(g,h,i)perylene

Concen: 0.025 ng/ul

RT: 26.880 min Scan# 5945

Delta R.T. 0.030 min

Lab File: BM035732.D

Acq: 28 Jun 2022 20:02

Tgt Ion:276 Resp: 909

Ion Ratio Lower Upper

276 100

138 94.0 23.4 35.0#

277 79.0 21.0 31.4#

