

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111824\
 Data File : BM048786.D
 Acq On : 18 Nov 2024 21:28
 Operator : RC/JU
 Sample : PB165036BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK036

Quant Time: Nov 18 22:24:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 18 11:56:05 2024
 Response via : Initial Calibration

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

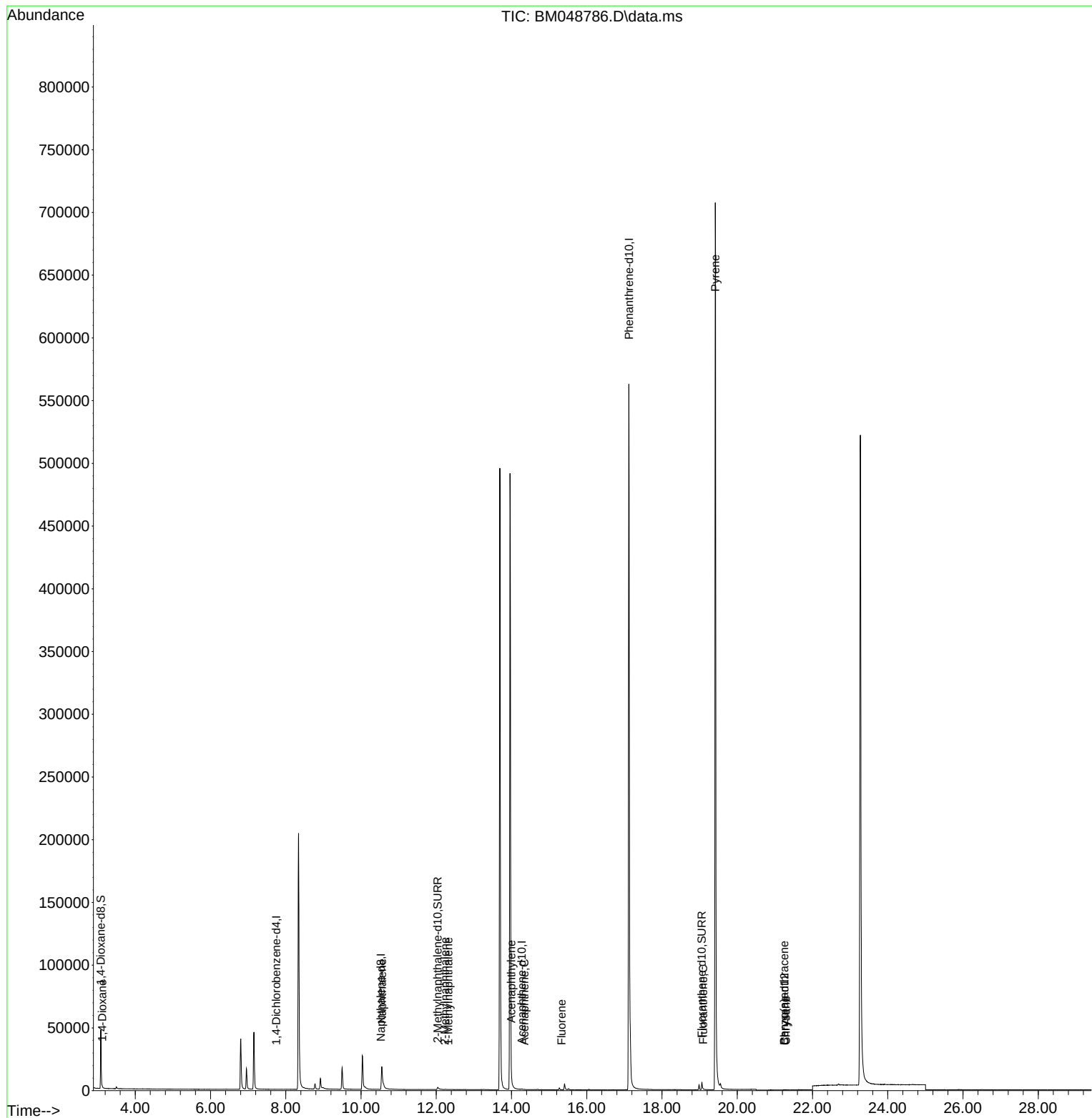
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.747	152	2	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.531	136	42	0.400	ng/ul	# 0.04
9) Acenaphthene-d10	14.277	164	246	0.400	ng/ul	#-0.02
13) Phenanthrene-d10	17.121	188	770450	0.400	ng/ul	0.05
17) Chrysene-d12	21.255	240	153	0.400	ng/ul	# 0.01
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-23.45
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.085	96	28457	11794.008	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.038	152	4756	87.587	ng/ul	-0.06
18) Fluoranthene-d10	19.059	212	8173	19.027	ng/ul	-0.03
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.123	88	551	198.654	ng/ul#	60
5) Naphthalene	10.558	128	364	3.460	ng/ul#	1
7) 2-Methylnaphthalene	12.224	142	3	0.045	ng/ul	85
8) 1-Methylnaphthalene	12.323	142	71	1.047	ng/ul	99
10) Acenaphthylene	13.994	152	163	0.174	ng/ul#	1
11) Acenaphthene	14.341	153	60	0.080	ng/ul#	74
12) Fluorene	15.331	166	80	0.099	ng/ul#	80
19) Fluoranthene	19.092	202	121	0.214	ng/ul#	1
20) Pyrene	19.417	202	1270	2.066	ng/ul#	1
21) Benzo(a)anthracene	21.249	228	121	0.242	ng/ul#	8
22) Chrysene	21.293	228	173	0.288	ng/ul#	29

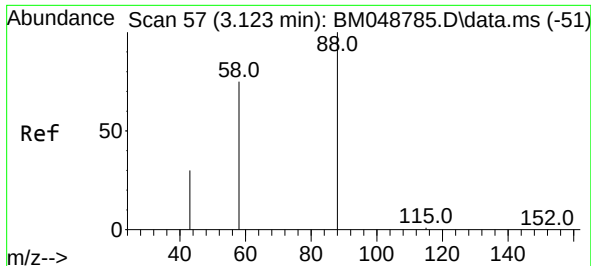
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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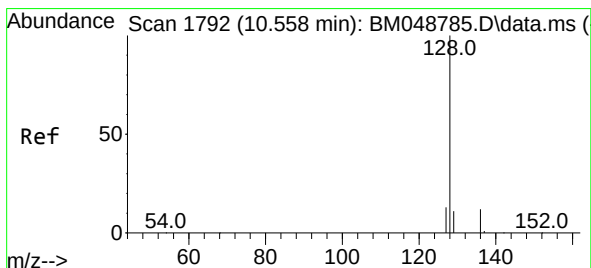
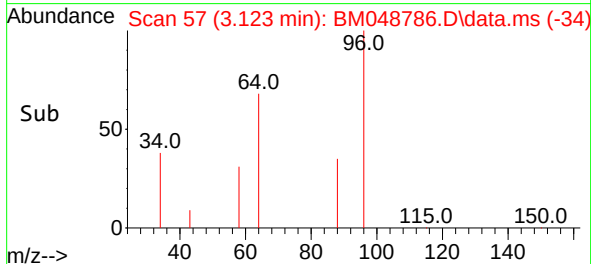
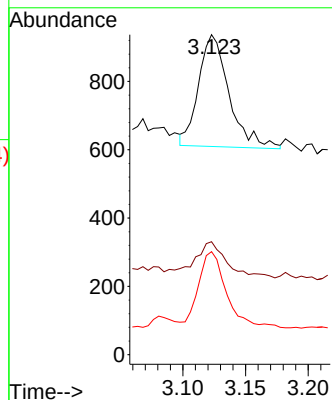
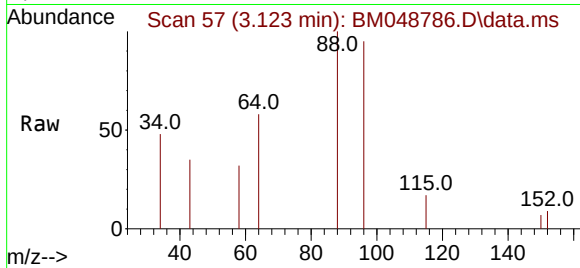




#2
1,4-Dioxane
Concen: 198.654 ng/ul
RT: 3.123 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048786.D
Acq: 18 Nov 2024 21:28

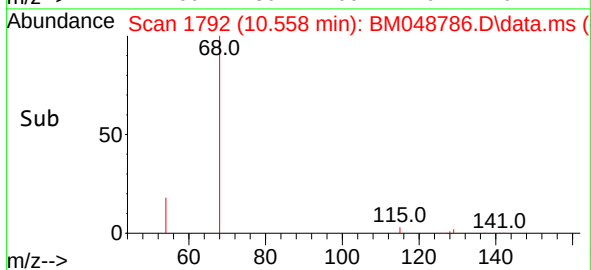
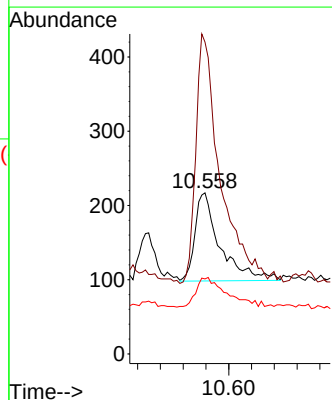
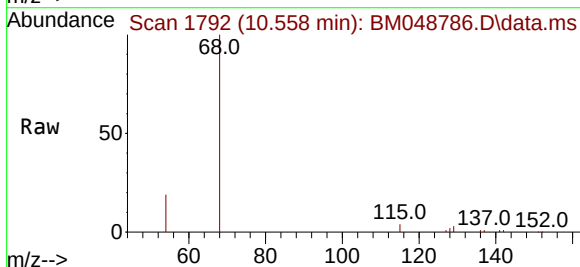
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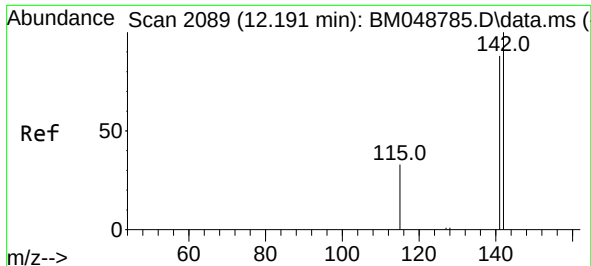
Tgt Ion: 88 Resp: 551
Ion Ratio Lower Upper
88 100
43 35.3 60.2 90.4#
58 32.2 44.2 66.2#



#5
Naphthalene
Concen: 3.460 ng/ul
RT: 10.558 min Scan# 1792
Delta R.T. 0.022 min
Lab File: BM048786.D
Acq: 18 Nov 2024 21:28

Tgt Ion: 128 Resp: 364
Ion Ratio Lower Upper
128 100
129 193.5 10.0 15.0#
127 46.5 10.9 16.3#

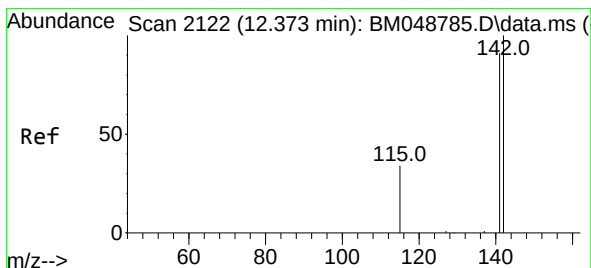
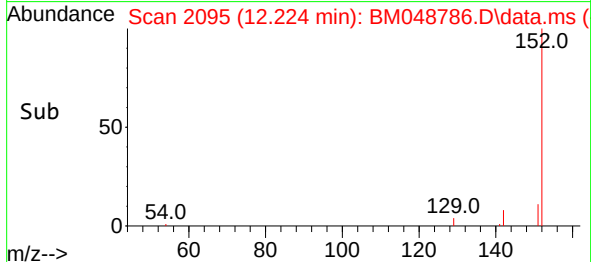
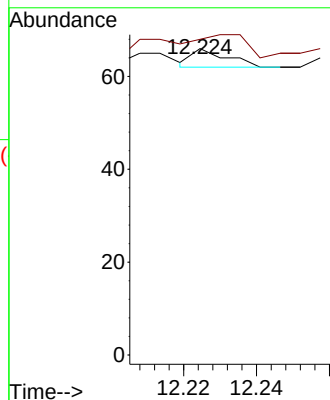
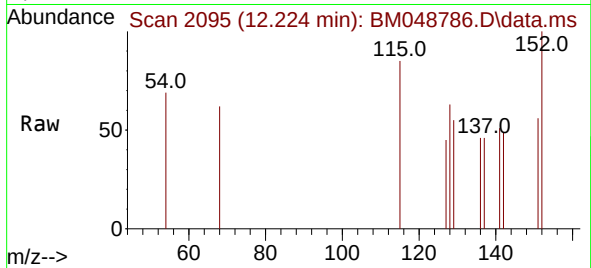




#7
2-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.224 min Scan# 2089
Delta R.T. 0.066 min
Lab File: BM048786.D
Acq: 18 Nov 2024 21:28

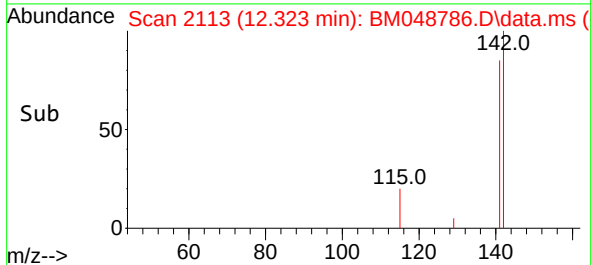
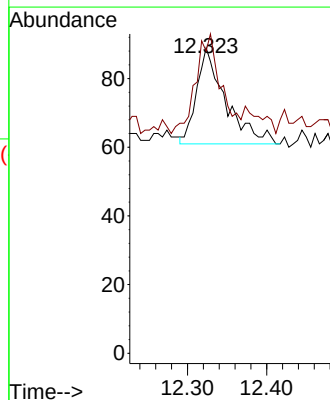
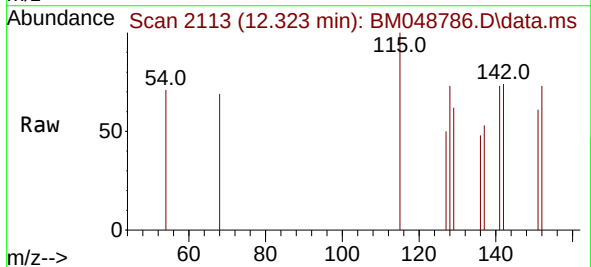
Instrument :
BNA_M
ClientSampleId :
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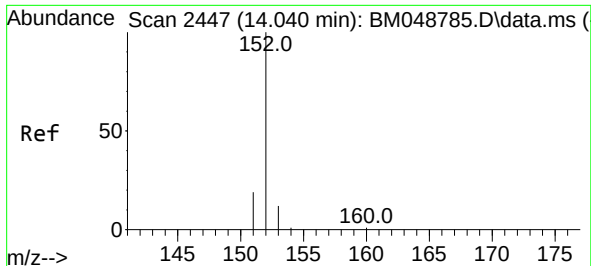
Tgt Ion:142 Resp: 3
Ion Ratio Lower Upper
142 100
141 100.0 68.6 103.0



#8
1-Methylnaphthalene
Concen: 1.047 ng/ul
RT: 12.323 min Scan# 2113
Delta R.T. -0.033 min
Lab File: BM048786.D
Acq: 18 Nov 2024 21:28

Tgt Ion:142 Resp: 71
Ion Ratio Lower Upper
142 100
141 90.1 72.8 109.2

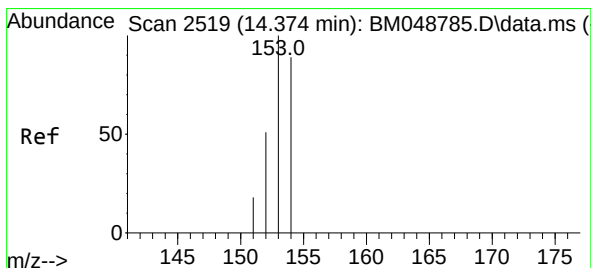
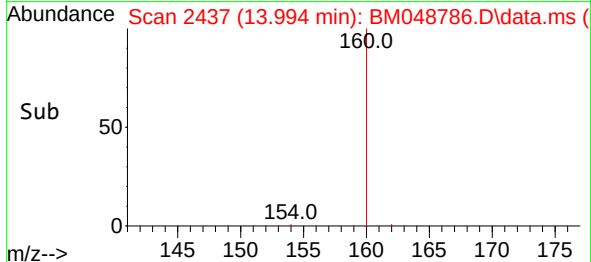
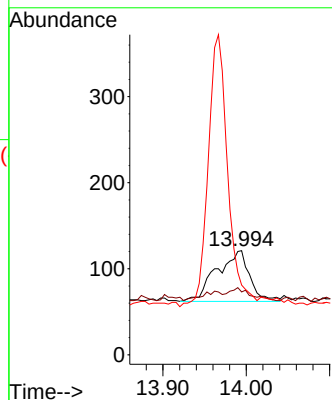
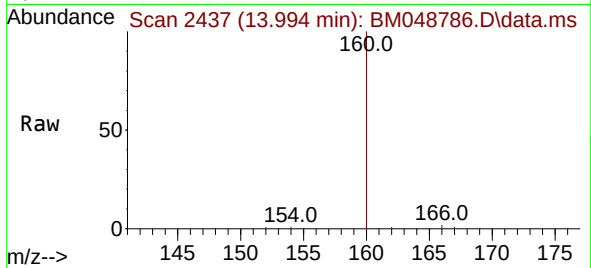




#10
Acenaphthylene
Concen: 0.174 ng/ul
RT: 13.994 min Scan# 2447
Delta R.T. -0.037 min
Lab File: BM048786.D
Acq: 18 Nov 2024 21:28

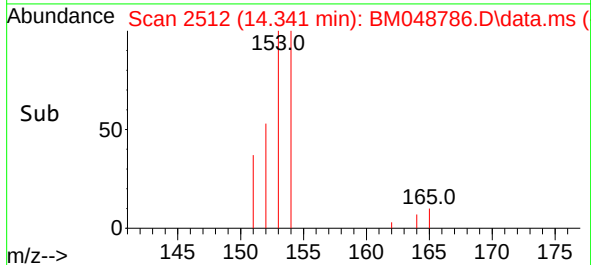
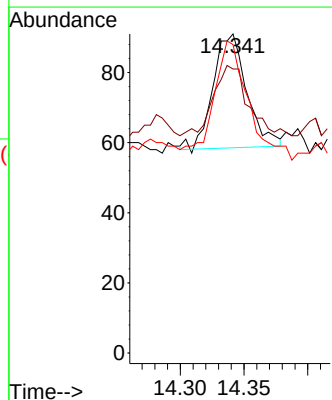
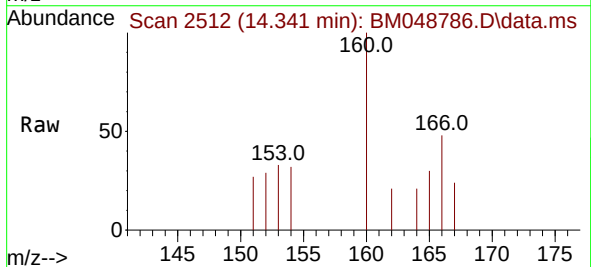
Instrument :
BNA_M
ClientSampleId :
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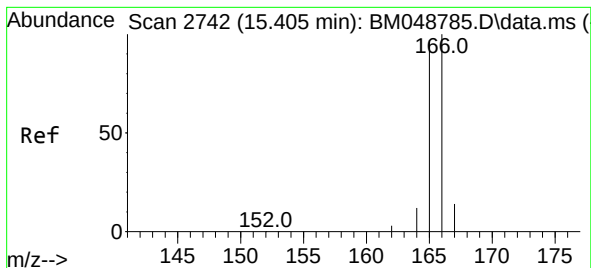
Tgt Ion:152 Resp: 163
Ion Ratio Lower Upper
152 100
151 60.3 16.5 24.7#
153 66.9 11.6 17.4#



#11
Acenaphthene
Concen: 0.080 ng/ul
RT: 14.341 min Scan# 2512
Delta R.T. -0.023 min
Lab File: BM048786.D
Acq: 18 Nov 2024 21:28

Tgt Ion:153 Resp: 60
Ion Ratio Lower Upper
153 100
152 89.0 41.1 61.7#
154 96.7 70.3 105.5





#12

Fluorene

Concen: 0.099 ng/ul

RT: 15.331 min Scan# 21

Delta R.T. -0.056 min

Lab File: BM048786.D

Acq: 18 Nov 2024 21:28

Instrument :

BNA_M

ClientSampleId :

SBLK036

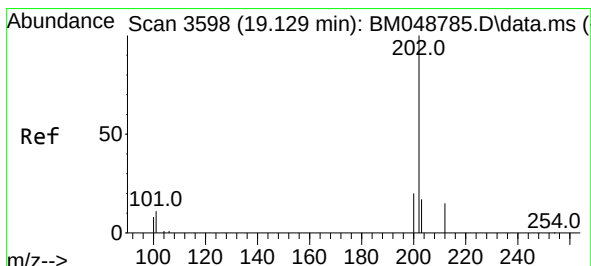
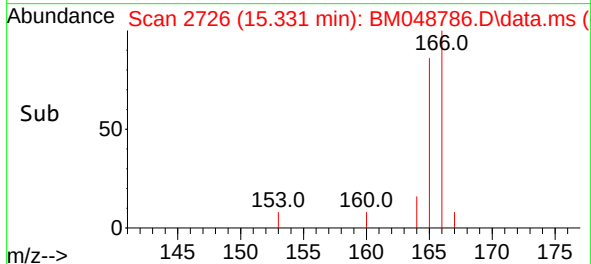
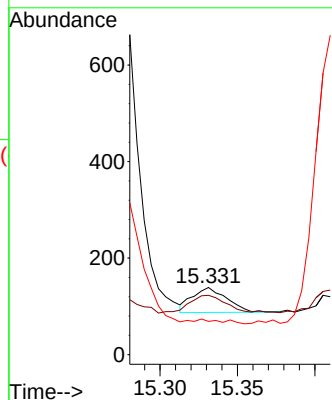
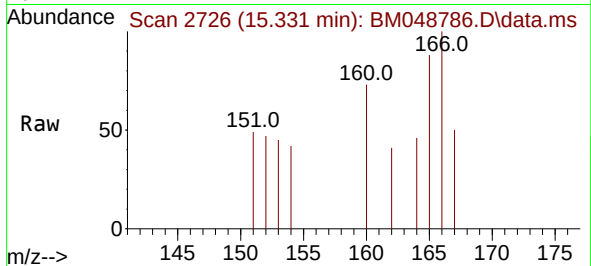
Tgt Ion:166 Resp: 80

Ion Ratio Lower Upper

166 100

165 88.5 78.7 118.1

167 49.6 12.6 18.8#



#19

Fluoranthene

Concen: 0.214 ng/ul

RT: 19.092 min Scan# 3590

Delta R.T. -0.028 min

Lab File: BM048786.D

Acq: 18 Nov 2024 21:28

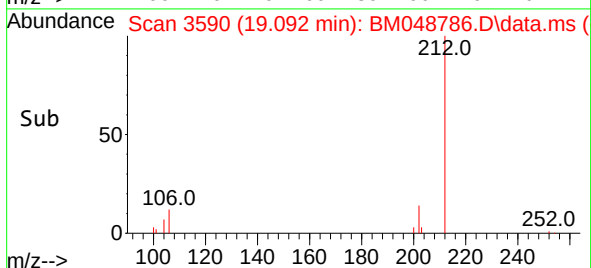
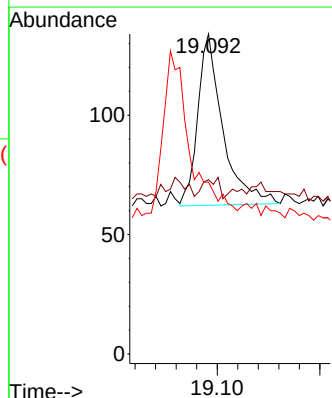
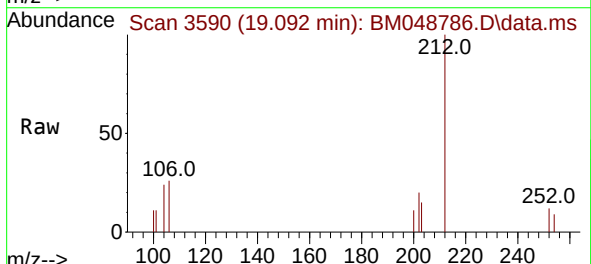
Tgt Ion:202 Resp: 121

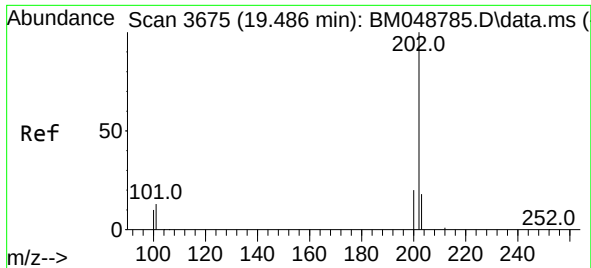
Ion Ratio Lower Upper

202 100

101 54.5 10.2 15.4#

100 53.7 7.3 10.9#

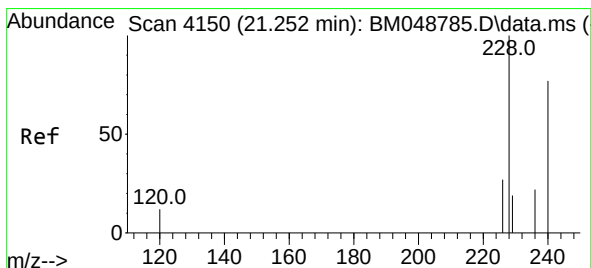
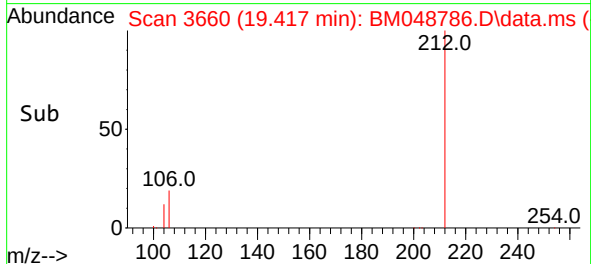
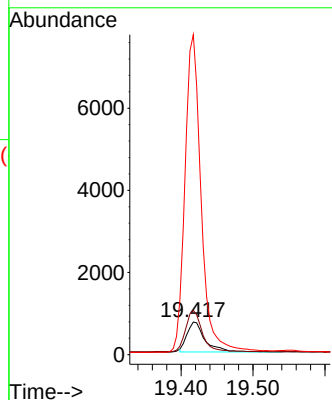
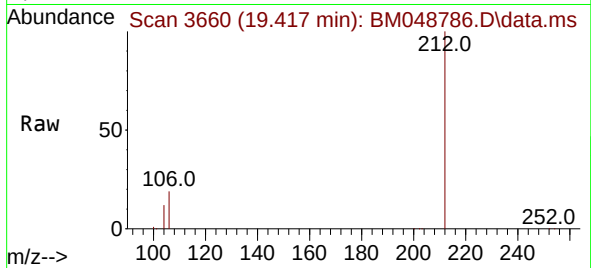




#20
Pyrene
Concen: 2.066 ng/ul
RT: 19.417 min Scan# 3660
Delta R.T. -0.060 min
Lab File: BM048786.D
Acq: 18 Nov 2024 21:28

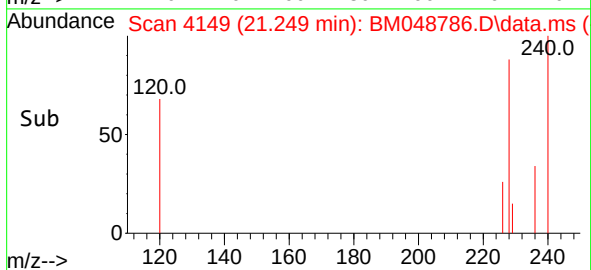
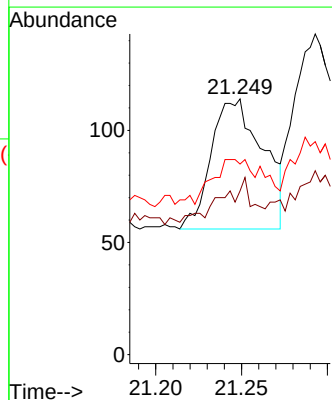
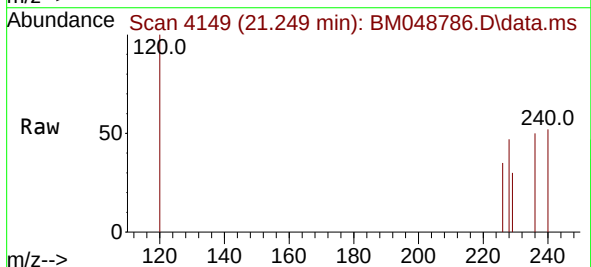
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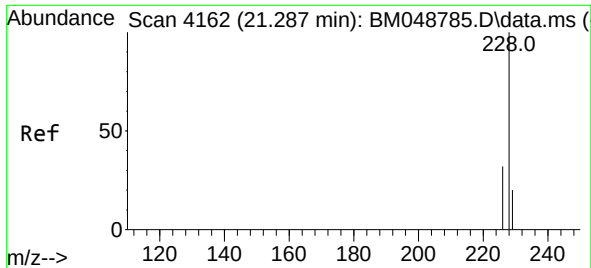
Tgt Ion:202 Resp: 1270
Ion Ratio Lower Upper
202 100
101 135.6 11.4 17.2#
100 981.1 8.5 12.7#



#21
Benzo(a)anthracene
Concen: 0.242 ng/ul
RT: 21.249 min Scan# 4149
Delta R.T. 0.009 min
Lab File: BM048786.D
Acq: 18 Nov 2024 21:28

Tgt Ion:228 Resp: 121
Ion Ratio Lower Upper
228 100
229 64.0 16.2 24.2#
226 74.6 22.1 33.1#





#22

Chrysene

Concen: 0.288 ng/ul

RT: 21.293 min Scan# 41

Delta R.T. 0.015 min

Lab File: BM048786.D

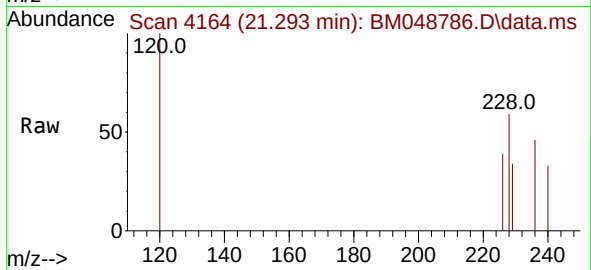
Acq: 18 Nov 2024 21:28

Instrument :

BNA_M

ClientSampleId :

SBLK036



Tgt Ion:228 Resp: 173

Ion Ratio Lower Upper

228 100

226 66.4 24.4 36.6#

229 57.3 16.5 24.7#

