

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111924\
 Data File : BM048805.D
 Acq On : 19 Nov 2024 22:14
 Operator : RC/JU
 Sample : SSTD1.616
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6045

Quant Time: Nov 19 23:34:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM111924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 19 22:23:58 2024
 Response via : Initial Calibration

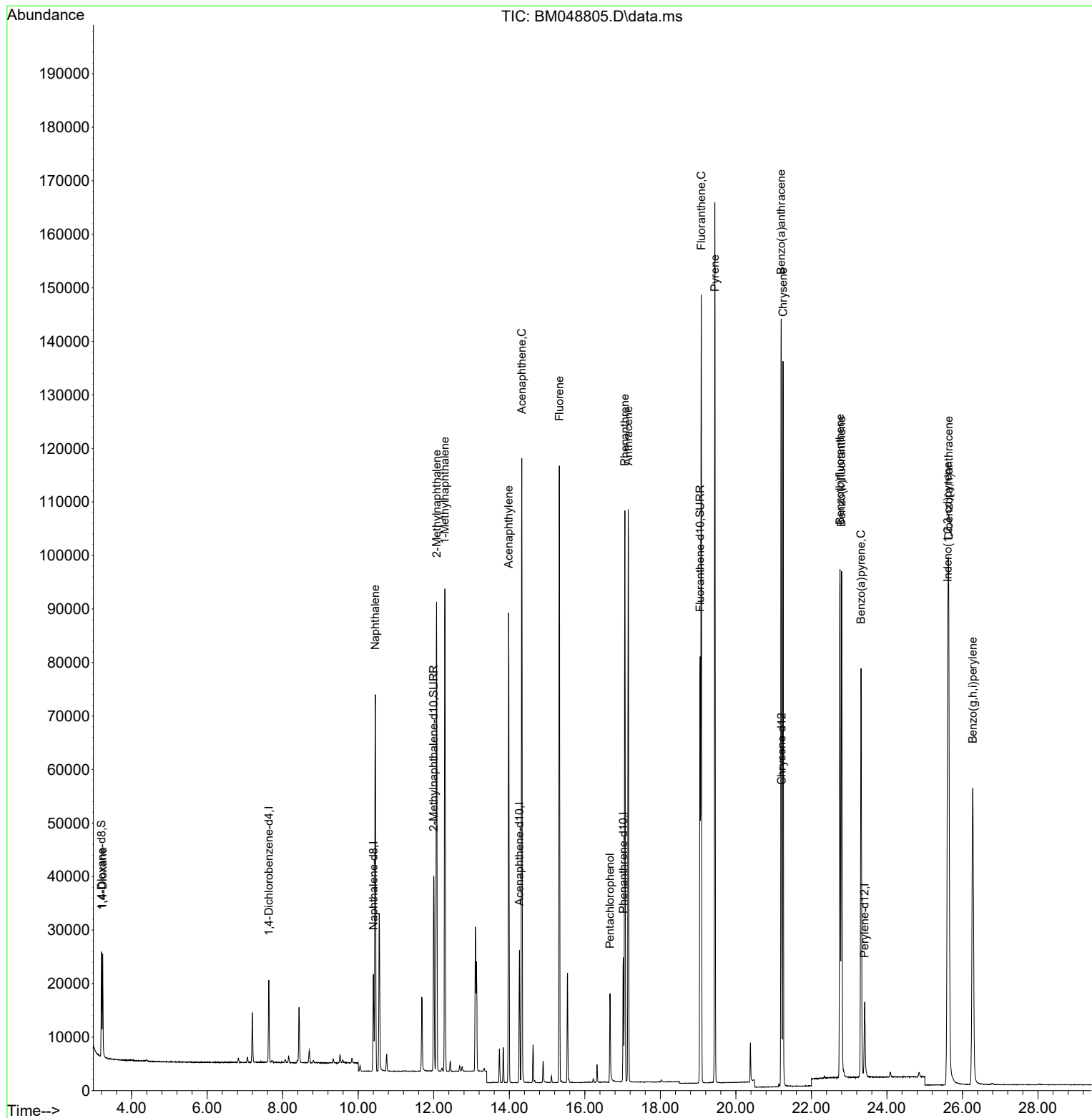
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	7320	0.400	ng/ul	0.00
4) Naphthalene-d8	10.403	136	23998	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.271	164	13247	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.019	188	25473	0.400	ng/ul	0.00
17) Chrysene-d12	21.213	240	15998	0.400	ng/ul	0.00
23) Perylene-d12	23.411	264	17723	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	13069	1.480	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.998	152	47768	1.540	ng/ul	0.00
18) Fluoranthene-d10	19.053	212	81494	1.814	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.231	88	14477	1.426	ng/ul#	63
5) Naphthalene	10.453	128	92724	1.543	ng/ul	95
7) 2-Methylnaphthalene	12.075	142	60537	1.600	ng/ul	99
8) 1-Methylnaphthalene	12.295	142	60955	1.573	ng/ul	100
10) Acenaphthylene	13.984	152	95128	1.891	ng/ul	98
11) Acenaphthene	14.331	153	64644	1.607	ng/ul	99
12) Fluorene	15.326	166	72170	1.651	ng/ul	98
14) Pentachlorophenol	16.669	266	11649	1.246	ng/ul	98
15) Phenanthrene	17.061	178	110167	1.647	ng/ul	99
16) Anthracene	17.150	178	109306	1.755	ng/ul	99
19) Fluoranthene	19.081	202	123395	2.083	ng/ul	98
20) Pyrene	19.444	202	130684	2.033	ng/ul	98
21) Benzo(a)anthracene	21.198	228	114790	2.192	ng/ul	99
22) Chrysene	21.248	228	108177	1.721	ng/ul	99
24) Benzo(b)fluoranthene	22.756	252	114524	2.074	ng/ul	96
25) Benzo(k)fluoranthene	22.800	252	113006	1.745	ng/ul	96
26) Benzo(a)pyrene	23.314	252	104913	1.946	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.611	276	138687	1.842	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.635	278	103643	1.769	ng/ul	96
29) Benzo(g,h,i)perylene	26.272	276	108815	1.722	ng/ul	97

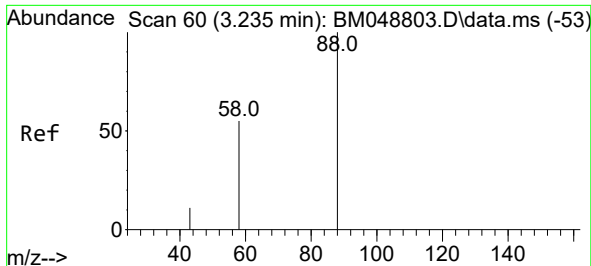
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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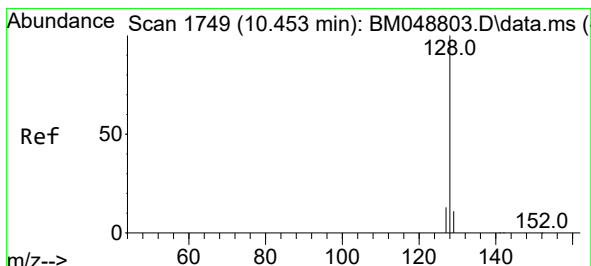
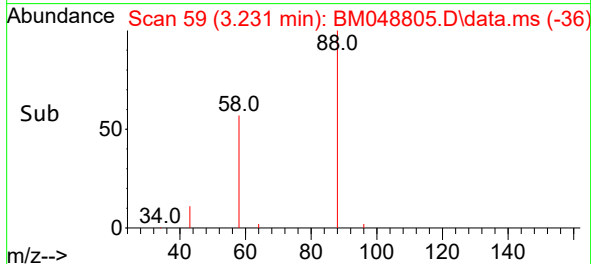
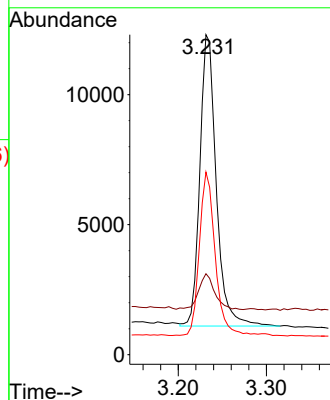
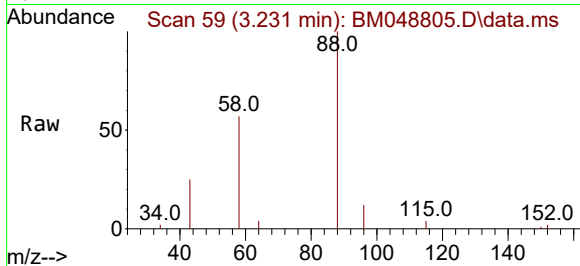




#2
1,4-Dioxane
Concen: 1.426 ng/ul
RT: 3.231 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048805.D
Acq: 19 Nov 2024 22:14

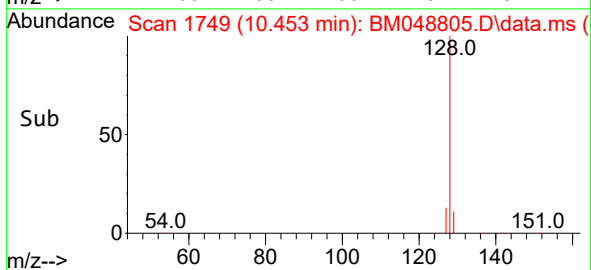
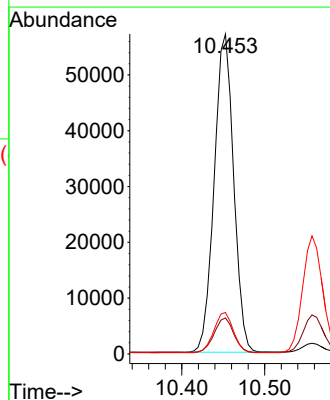
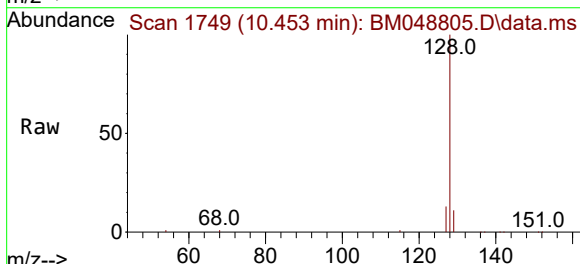
Instrument :
BNA_M
ClientSampleId :
SSTD1.6045

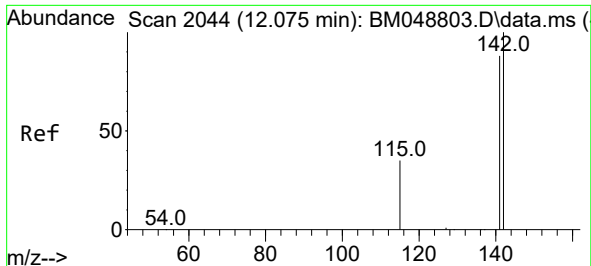
Tgt Ion: 88 Resp: 14477
Ion Ratio Lower Upper
88 100
43 25.3 60.2 90.2#
58 57.1 53.6 80.4



#5
Naphthalene
Concen: 1.543 ng/ul
RT: 10.453 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BM048805.D
Acq: 19 Nov 2024 22:14

Tgt Ion: 128 Resp: 92724
Ion Ratio Lower Upper
128 100
129 11.2 10.9 16.3
127 13.0 11.6 17.4

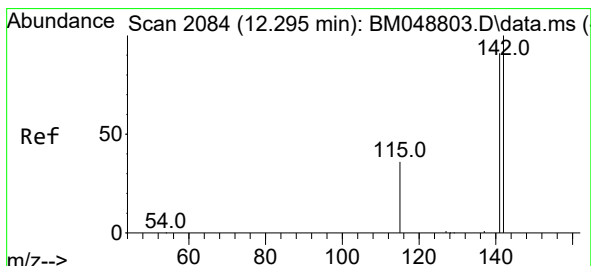
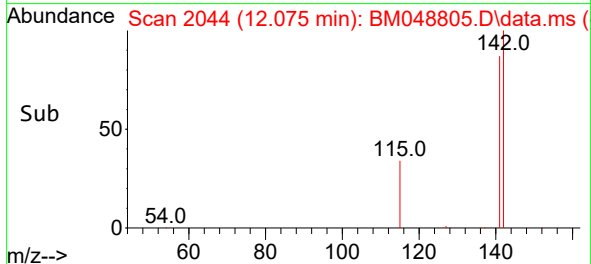
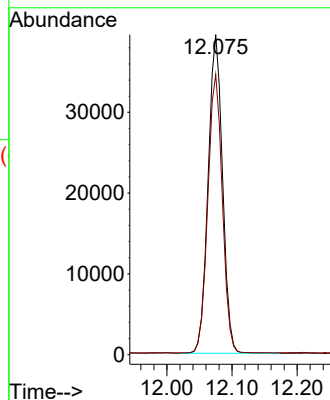
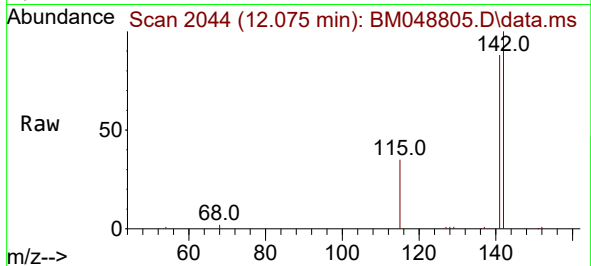




#7
2-Methylnaphthalene
Concen: 1.600 ng/ul
RT: 12.075 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BM048805.D
Acq: 19 Nov 2024 22:14

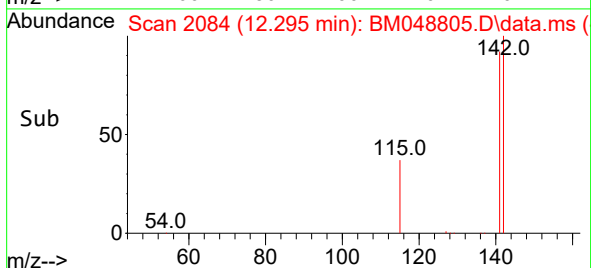
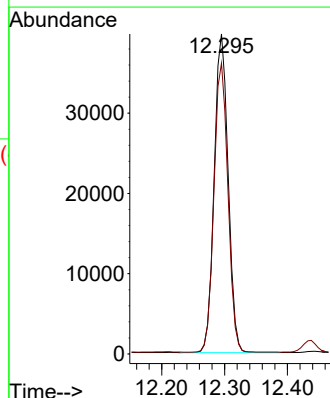
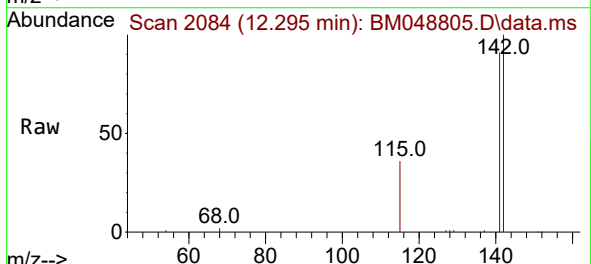
Instrument :
BNA_M
ClientSampleId :
SSTD1.6045

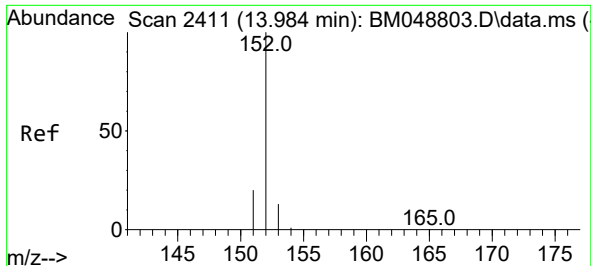
Tgt Ion:142 Resp: 60537
Ion Ratio Lower Upper
142 100
141 87.8 70.7 106.1



#8
1-Methylnaphthalene
Concen: 1.573 ng/ul
RT: 12.295 min Scan# 2084
Delta R.T. 0.000 min
Lab File: BM048805.D
Acq: 19 Nov 2024 22:14

Tgt Ion:142 Resp: 60955
Ion Ratio Lower Upper
142 100
141 91.0 72.5 108.7

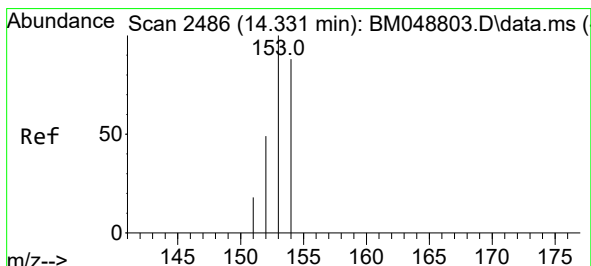
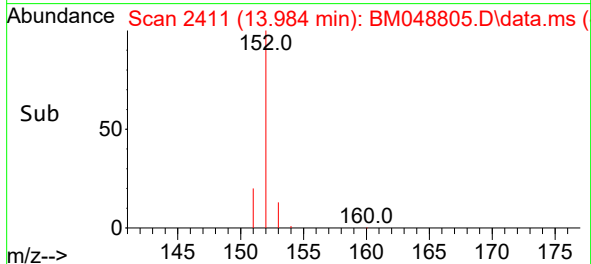
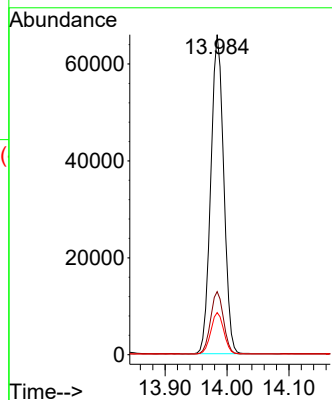
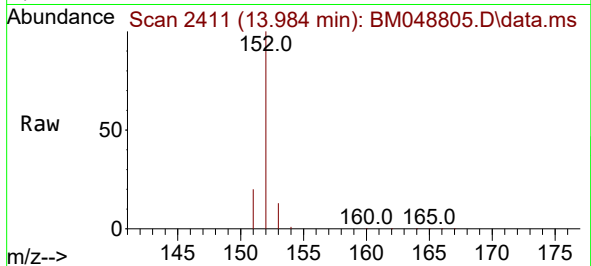




#10
Acenaphthylene
Concen: 1.891 ng/ul
RT: 13.984 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BM048805.D
Acq: 19 Nov 2024 22:14

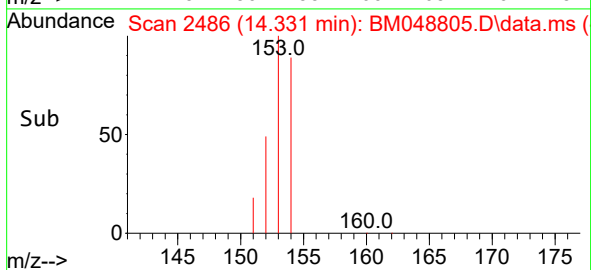
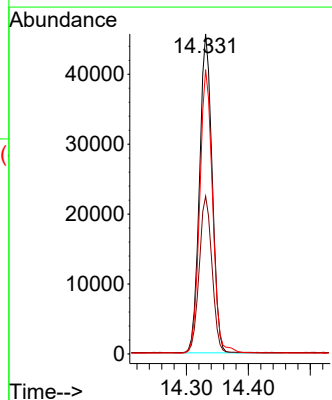
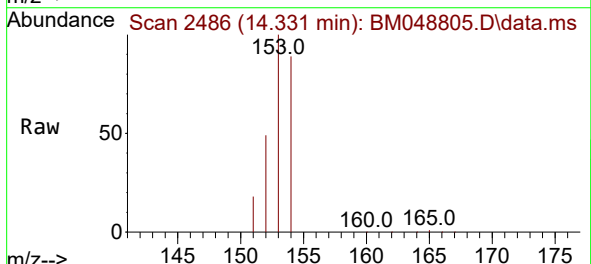
Instrument :
BNA_M
ClientSampleId :
SSTD1.6045

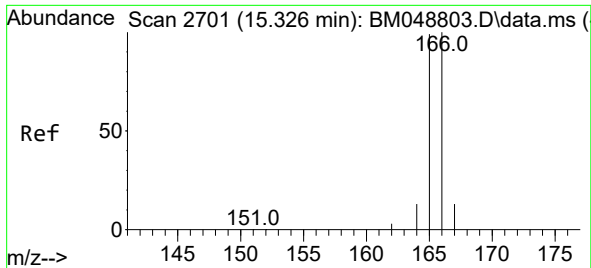
Tgt Ion:152 Resp: 95128
Ion Ratio Lower Upper
152 100
151 19.7 16.5 24.7
153 13.2 11.1 16.7



#11
Acenaphthene
Concen: 1.607 ng/ul
RT: 14.331 min Scan# 2486
Delta R.T. 0.000 min
Lab File: BM048805.D
Acq: 19 Nov 2024 22:14

Tgt Ion:153 Resp: 64644
Ion Ratio Lower Upper
153 100
152 49.3 40.0 60.0
154 88.8 70.2 105.4

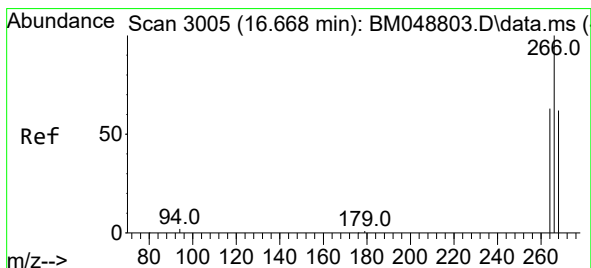
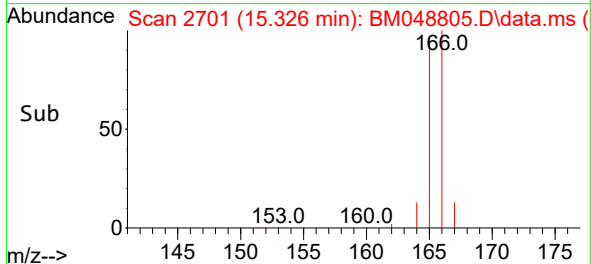
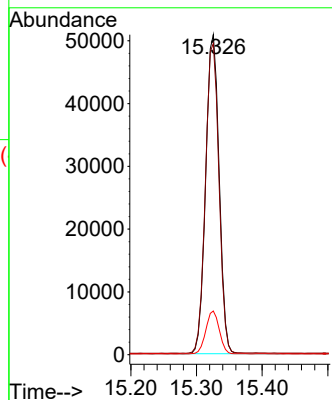
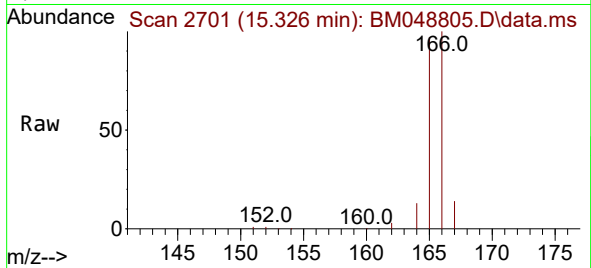




#12
 Fluorene
 Concen: 1.651 ng/ul
 RT: 15.326 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM048805.D
 Acq: 19 Nov 2024 22:14

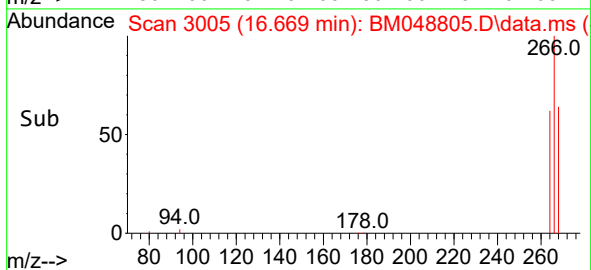
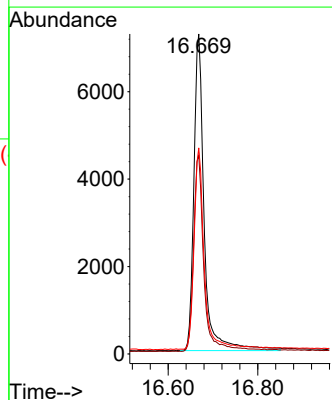
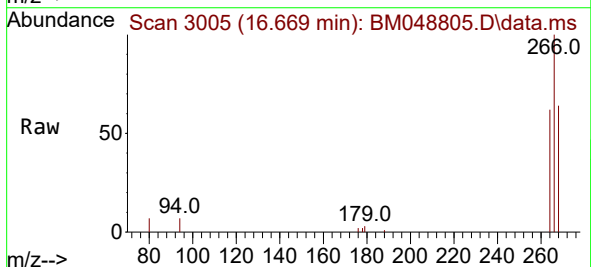
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 ClientSampleId :
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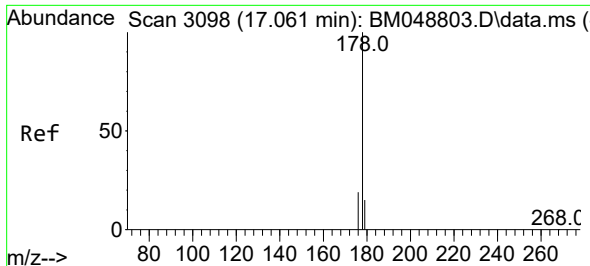
Tgt Ion:166 Resp: 72170
 Ion Ratio Lower Upper
 166 100
 165 97.3 79.8 119.8
 167 13.6 11.5 17.3



#14
 Pentachlorophenol
 Concen: 1.246 ng/ul
 RT: 16.669 min Scan# 3005
 Delta R.T. 0.000 min
 Lab File: BM048805.D
 Acq: 19 Nov 2024 22:14

Tgt Ion:266 Resp: 11649
 Ion Ratio Lower Upper
 266 100
 264 62.7 50.7 76.1
 268 63.3 52.0 78.0

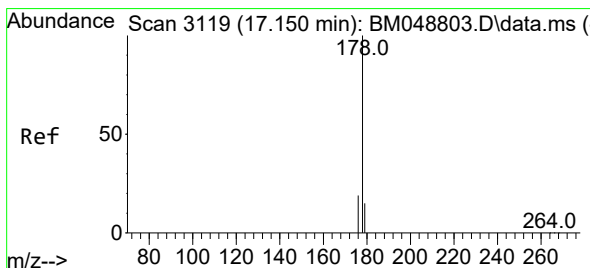
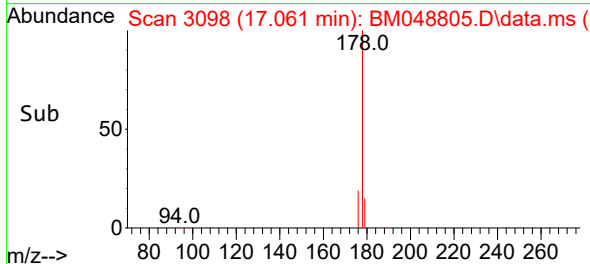
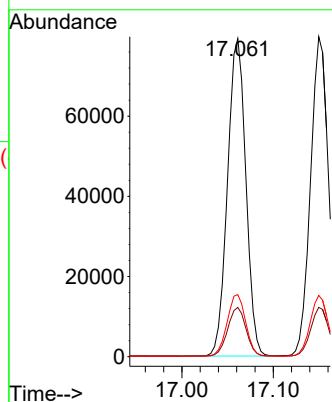
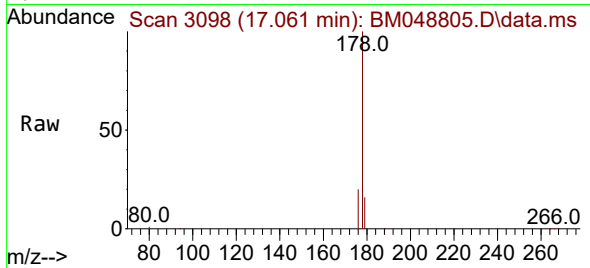




#15
Phenanthrene
Concen: 1.647 ng/ul
RT: 17.061 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BM048805.D
Acq: 19 Nov 2024 22:14

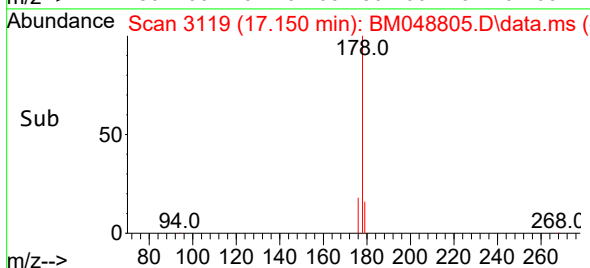
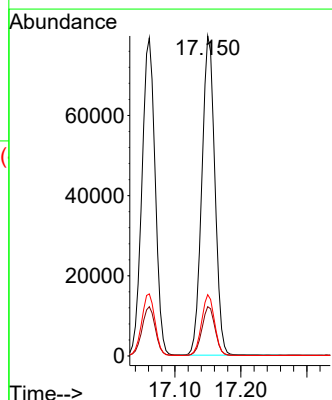
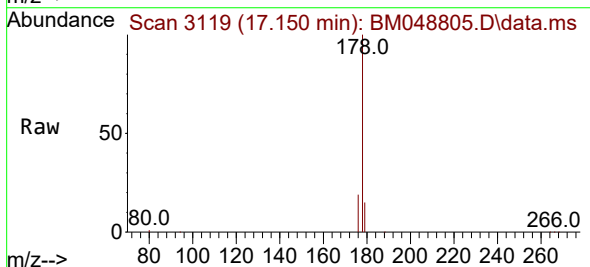
Instrument :
BNA_M
ClientSampleId :
SSTD1.6045

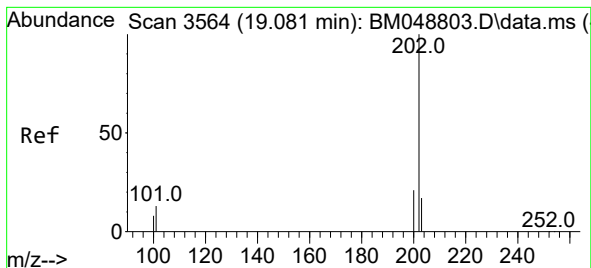
Tgt Ion:178 Resp: 110167
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.5 15.8 23.8



#16
Anthracene
Concen: 1.755 ng/ul
RT: 17.150 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BM048805.D
Acq: 19 Nov 2024 22:14

Tgt Ion:178 Resp: 109306
Ion Ratio Lower Upper
178 100
179 15.4 12.8 19.2
176 19.1 15.8 23.8





#19

Fluoranthene

Concen: 2.083 ng/ul

RT: 19.081 min Scan# 3564

Delta R.T. 0.000 min

Lab File: BM048805.D

Acq: 19 Nov 2024 22:14

Instrument :

BNA_M

ClientSampleId :

SSTD1.6045

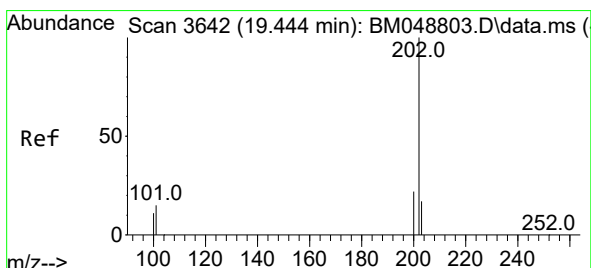
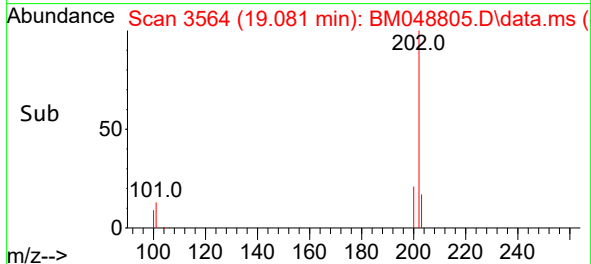
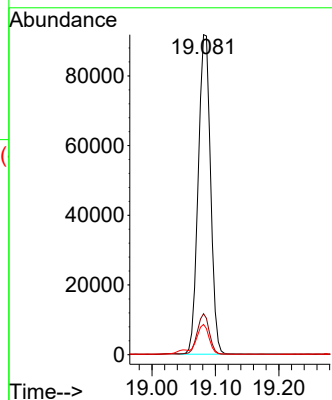
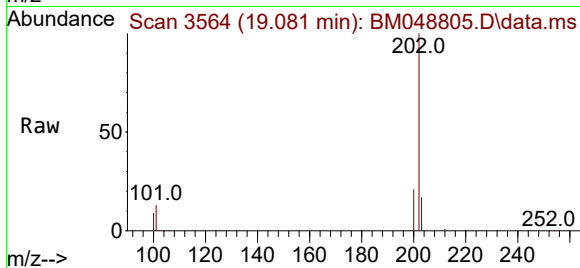
Tgt Ion:202 Resp: 123395

Ion Ratio Lower Upper

202 100

101 12.8 10.9 16.3

100 9.5 8.1 12.1



#20

Pyrene

Concen: 2.033 ng/ul

RT: 19.444 min Scan# 3642

Delta R.T. 0.000 min

Lab File: BM048805.D

Acq: 19 Nov 2024 22:14

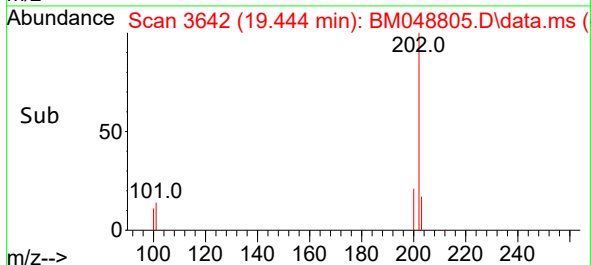
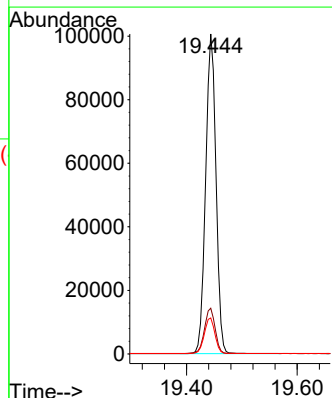
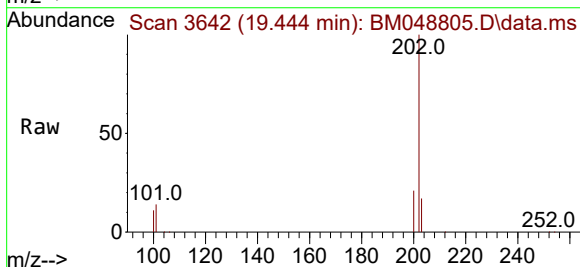
Tgt Ion:202 Resp: 130684

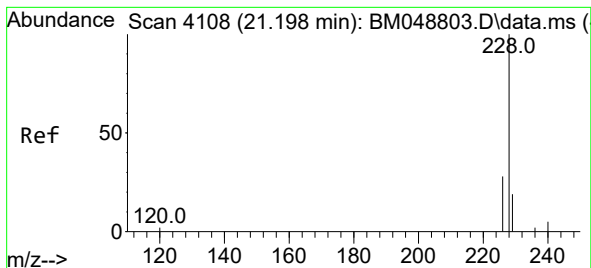
Ion Ratio Lower Upper

202 100

101 14.3 12.3 18.5

100 11.3 9.5 14.3

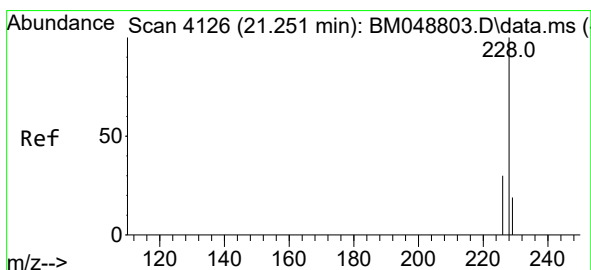
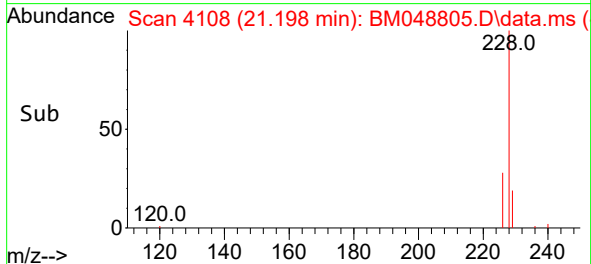
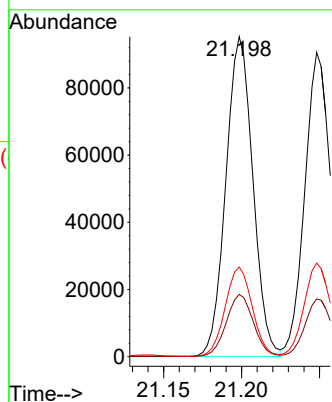
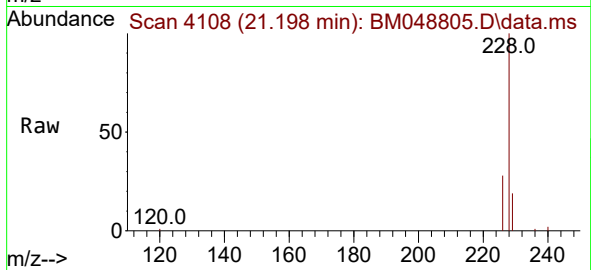




#21
Benzo(a)anthracene
Concen: 2.192 ng/ul
RT: 21.198 min Scan# 4108
Delta R.T. 0.000 min
Lab File: BM048805.D
Acq: 19 Nov 2024 22:14

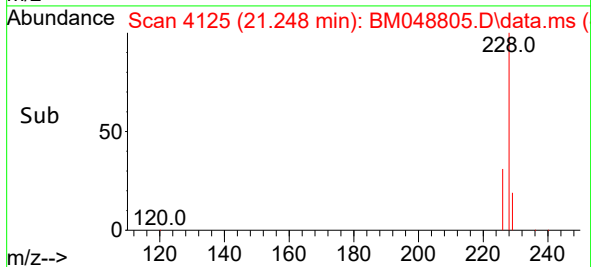
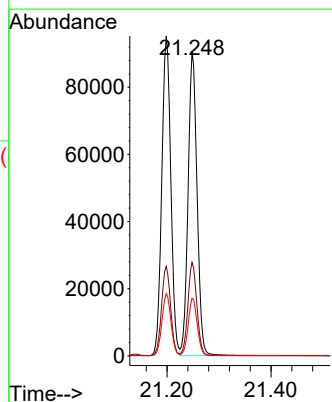
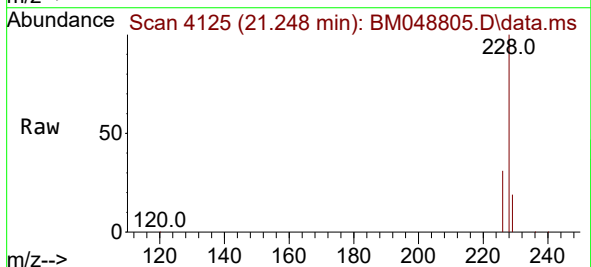
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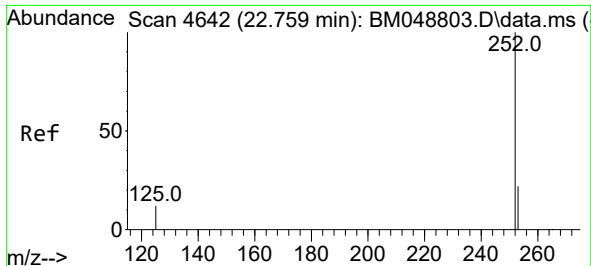
Tgt Ion:228 Resp: 114790
Ion Ratio Lower Upper
228 100
229 19.4 15.2 22.8
226 28.0 22.5 33.7



#22
Chrysene
Concen: 1.721 ng/ul
RT: 21.248 min Scan# 4125
Delta R.T. -0.003 min
Lab File: BM048805.D
Acq: 19 Nov 2024 22:14

Tgt Ion:228 Resp: 108177
Ion Ratio Lower Upper
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226 30.7 24.2 36.4
229 19.0 15.6 23.4

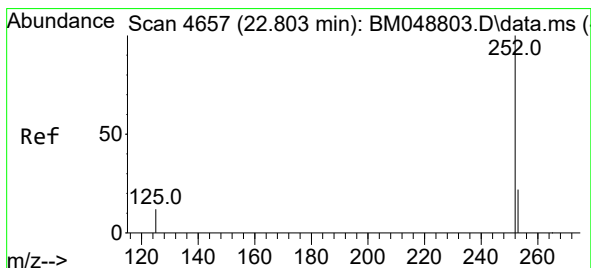
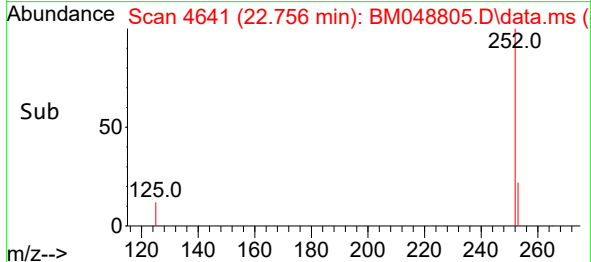
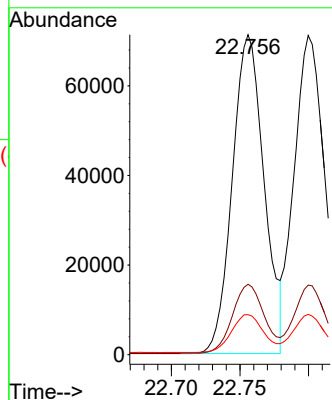
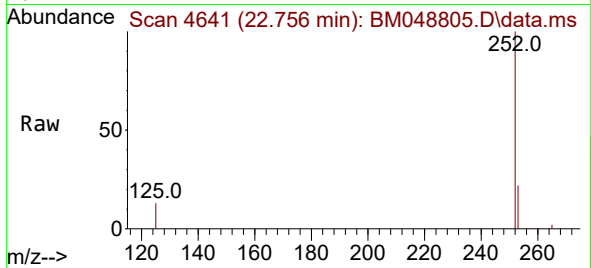




#24
Benzo(b)fluoranthene
Concen: 2.074 ng/ul
RT: 22.756 min Scan# 4641
Delta R.T. -0.003 min
Lab File: BM048805.D
Acq: 19 Nov 2024 22:14

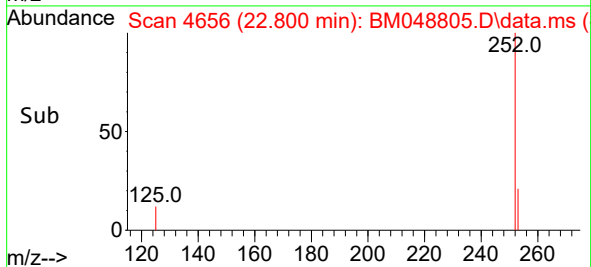
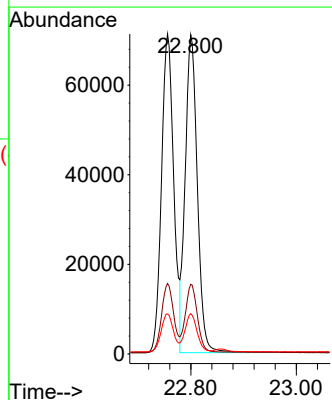
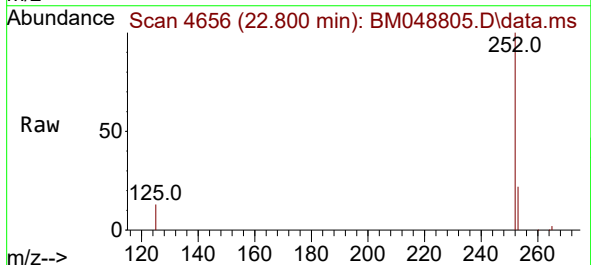
Instrument :
BNA_M
ClientSampleId :
SSTD1.6045

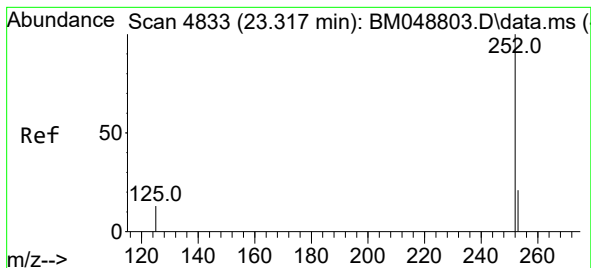
Tgt Ion:252 Resp: 114524
Ion Ratio Lower Upper
252 100
253 22.0 0.0 46.4
125 12.5 0.0 29.8



#25
Benzo(k)fluoranthene
Concen: 1.745 ng/ul
RT: 22.800 min Scan# 4656
Delta R.T. -0.003 min
Lab File: BM048805.D
Acq: 19 Nov 2024 22:14

Tgt Ion:252 Resp: 113006
Ion Ratio Lower Upper
252 100
253 21.8 18.7 28.1
125 12.6 12.0 18.0





#26

Benzo(a)pyrene

Concen: 1.946 ng/ul

RT: 23.314 min Scan# 4832

Delta R.T. -0.003 min

Lab File: BM048805.D

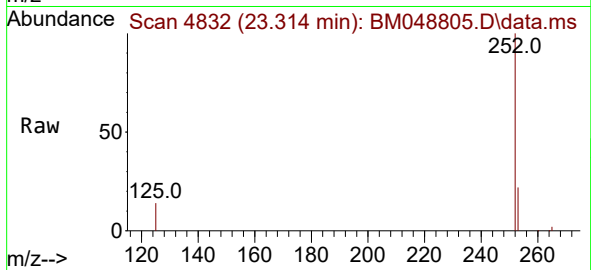
Acq: 19 Nov 2024 22:14

Instrument :

BNA_M

ClientSampleId :

SSTD1.6045



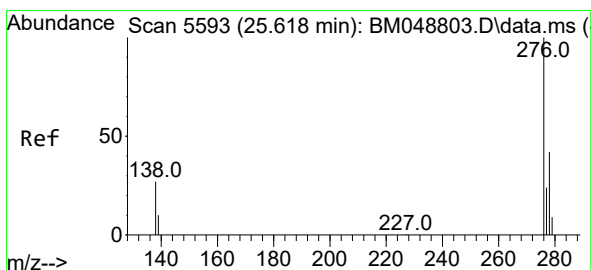
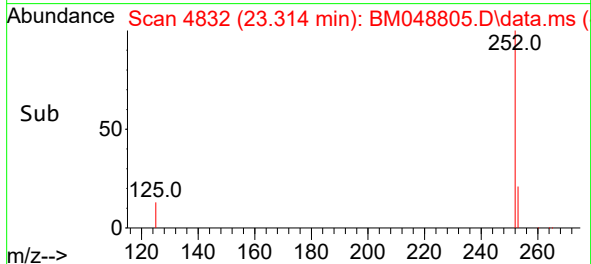
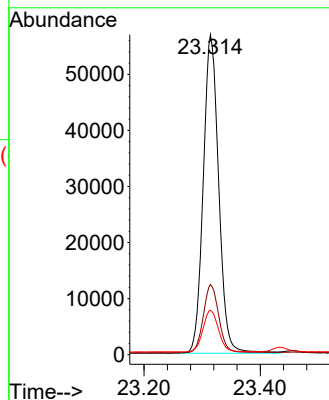
Tgt Ion:252 Resp: 104913

Ion Ratio Lower Upper

252 100

253 21.9 18.5 27.7

125 13.9 13.6 20.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.842 ng/ul

RT: 25.611 min Scan# 5591

Delta R.T. -0.007 min

Lab File: BM048805.D

Acq: 19 Nov 2024 22:14

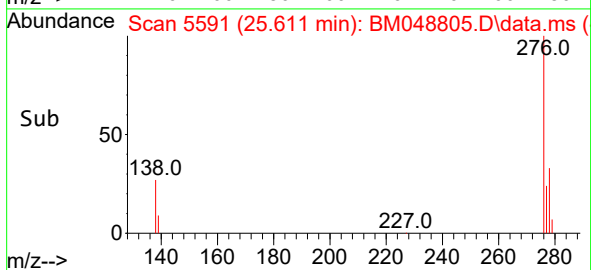
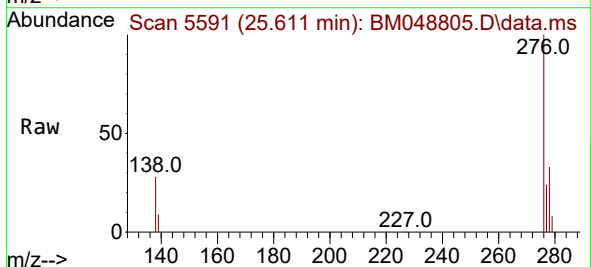
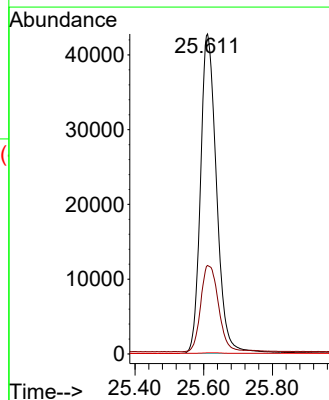
Tgt Ion:276 Resp: 138687

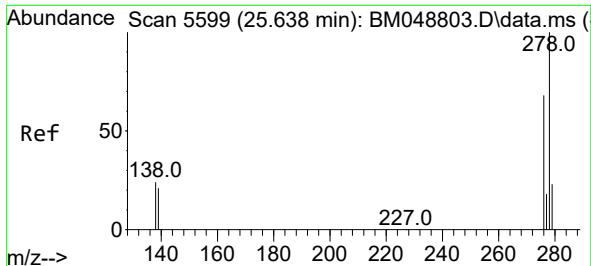
Ion Ratio Lower Upper

276 100

138 30.1 23.6 35.4

227 0.2 0.0 0.0#

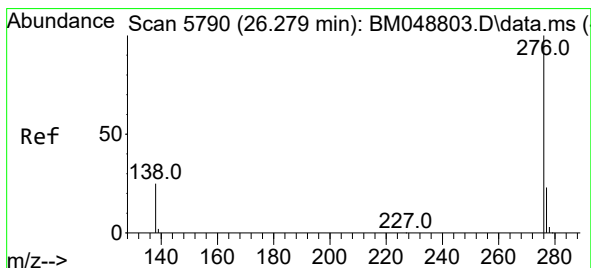
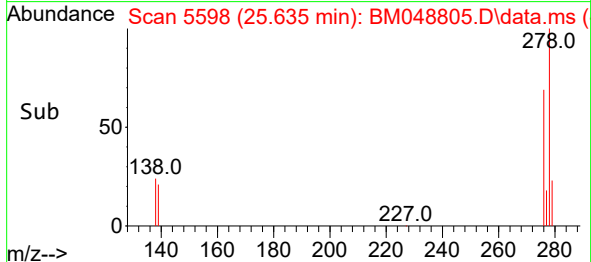
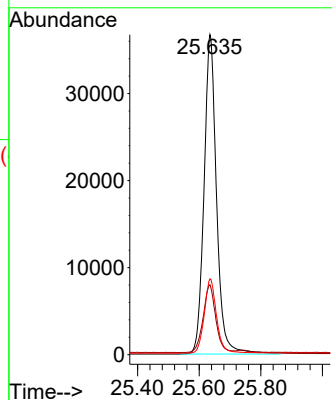
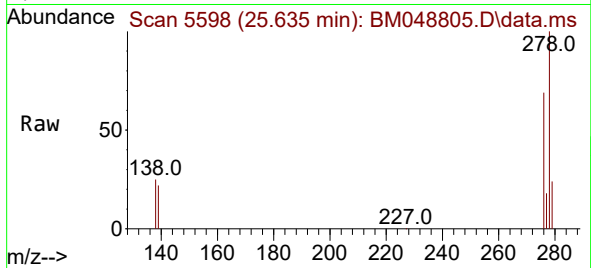




#28
 Dibenzo(a,h)anthracene
 Concen: 1.769 ng/ul
 RT: 25.635 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: BM048805.D
 Acq: 19 Nov 2024 22:14

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6045

Tgt Ion:278 Resp: 103643
 Ion Ratio Lower Upper
 278 100
 139 21.8 19.5 29.3
 279 23.7 19.9 29.9



#29
 Benzo(g,h,i)perylene
 Concen: 1.722 ng/ul
 RT: 26.272 min Scan# 5788
 Delta R.T. -0.007 min
 Lab File: BM048805.D
 Acq: 19 Nov 2024 22:14

Tgt Ion:276 Resp: 108815
 Ion Ratio Lower Upper
 276 100
 138 26.8 23.4 35.0
 277 23.6 19.3 28.9

