

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048416.D
 Acq On : 02 Nov 2024 04:24
 Operator : RC/JU
 Sample : P4558-09MSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1L92MSD

Quant Time: Nov 03 21:52:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 14:58:12 2024
 Response via : Initial Calibration

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

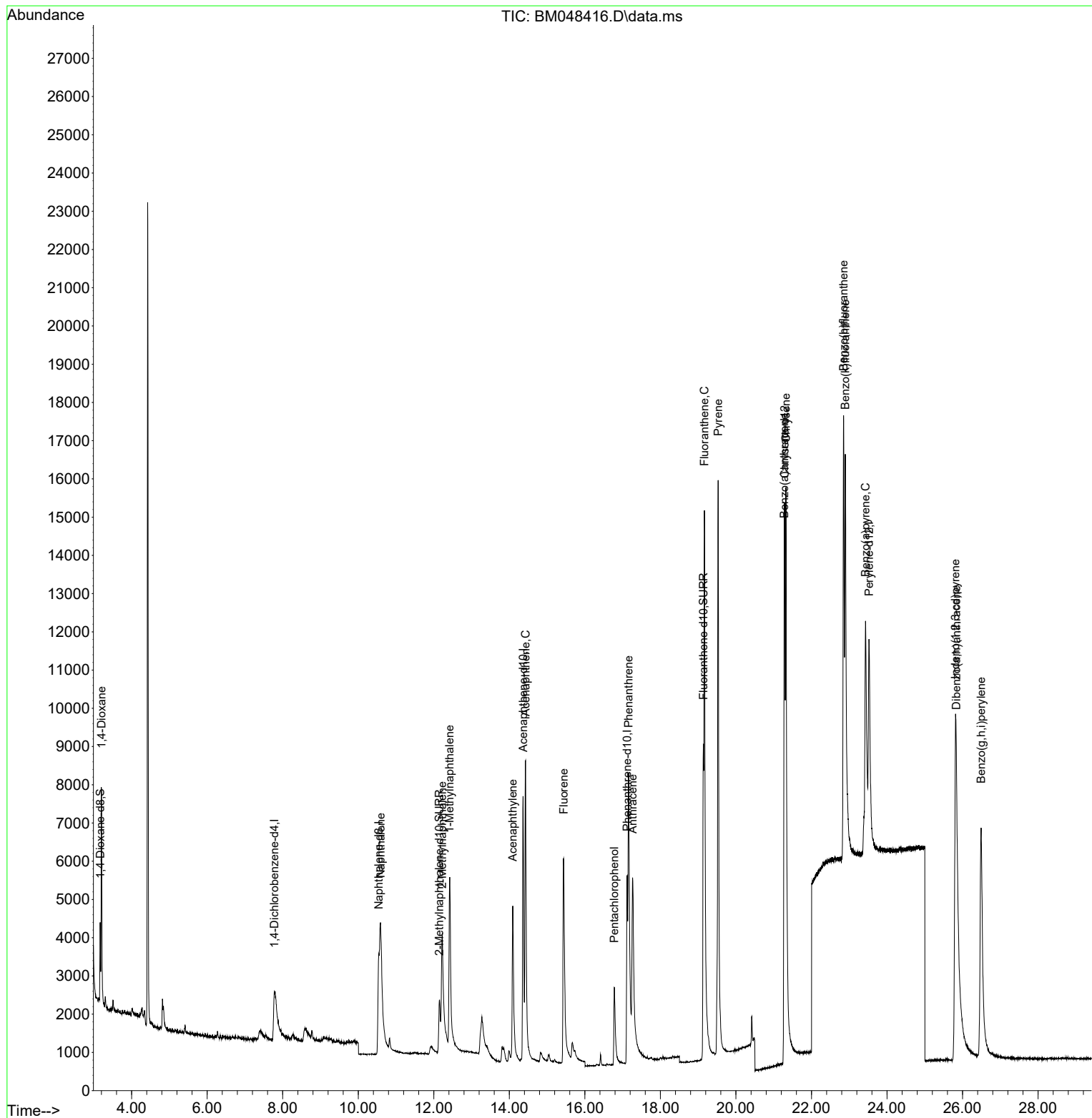
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2636	0.400	ng/ul	0.03
4) Naphthalene-d8	10.546	136	10111	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.363	164	5963	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.120	188	11165	0.400	ng/ul	0.00
17) Chrysene-d12	21.289	240	10680	0.400	ng/ul	0.00
23) Perylene-d12	23.525	264	10652	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	1374	0.424	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.146	152	4897	0.381	ng/ul	0.00
18) Fluoranthene-d10	19.137	212	14389	0.531	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.202	88	3802	1.082	ng/ul#	90
5) Naphthalene	10.590	128	9346	0.354	ng/ul	97
7) 2-Methylnaphthalene	12.223	142	5232	0.333	ng/ul	99
8) 1-Methylnaphthalene	12.421	142	6190	0.369	ng/ul	96
10) Acenaphthylene	14.090	152	8416	0.365	ng/ul	99
11) Acenaphthene	14.428	153	7072	0.383	ng/ul	98
12) Fluorene	15.436	166	7890	0.384	ng/ul	99
14) Pentachlorophenol	16.778	266	2764	0.889	ng/ul	95
15) Phenanthrene	17.158	178	12491	0.450	ng/ul	99
16) Anthracene	17.264	178	11022	0.424	ng/ul	99
19) Fluoranthene	19.165	202	18217	0.495	ng/ul	99
20) Pyrene	19.527	202	19358	0.490	ng/ul	99
21) Benzo(a)anthracene	21.277	228	13399	0.419	ng/ul	99
22) Chrysene	21.324	228	22160	0.503	ng/ul	99
24) Benzo(b)fluoranthene	22.849	252	17407	0.478	ng/ul	97
25) Benzo(k)fluoranthene	22.896	252	21727	0.504	ng/ul	98
26) Benzo(a)pyrene	23.431	252	15689	0.459	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.812	276	21897	0.458	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.836	278	16950	0.455	ng/ul	100
29) Benzo(g,h,i)perylene	26.490	276	19226	0.477	ng/ul	99

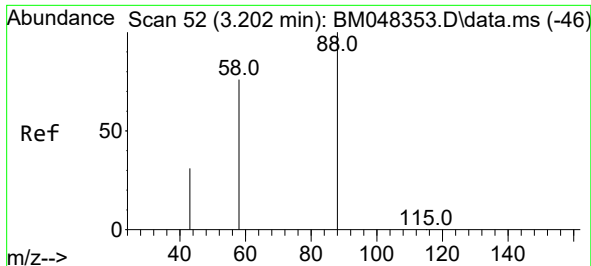
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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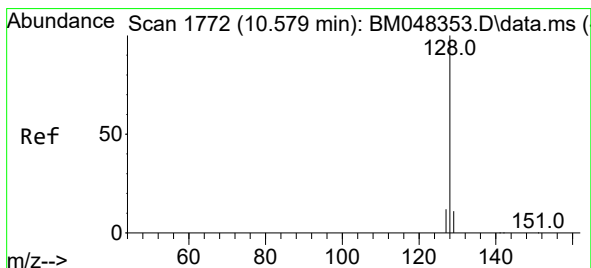
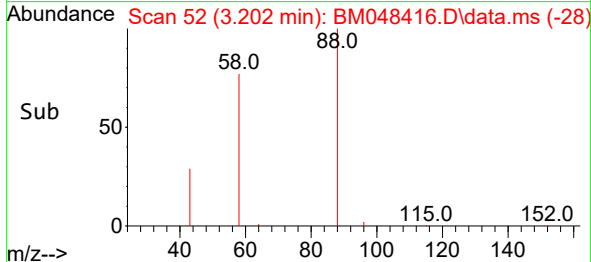
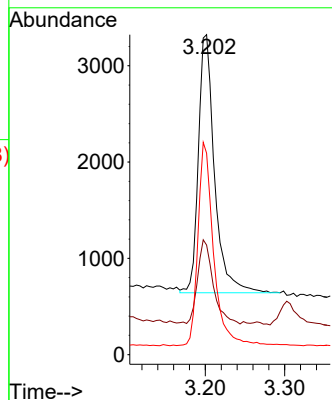
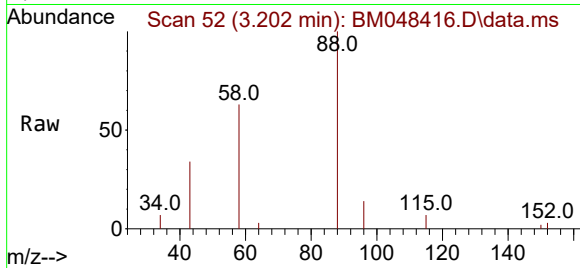




#2
1,4-Dioxane
Concen: 1.082 ng/ul
RT: 3.202 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

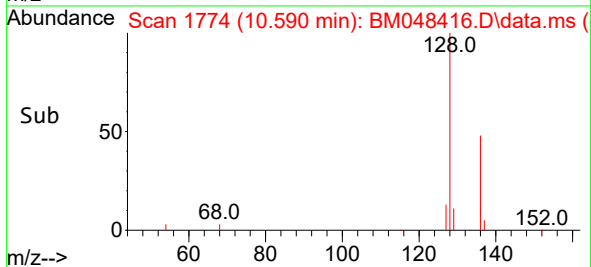
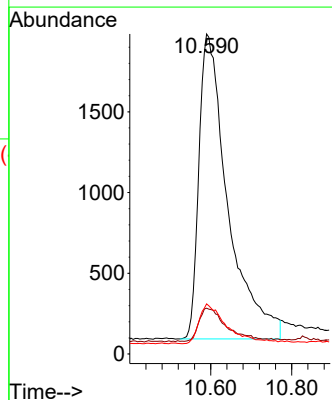
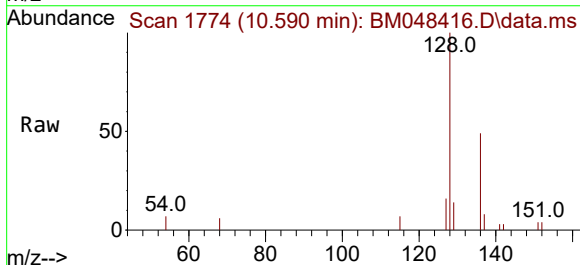
Instrument :
BNA_M
ClientSampleId :
E1L92MSD

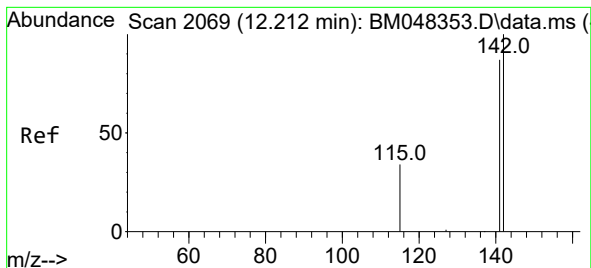
Tgt Ion: 88 Resp: 3802
Ion Ratio Lower Upper
88 100
43 34.2 36.2 54.4#
58 62.9 47.4 71.0



#5
Naphthalene
Concen: 0.354 ng/ul
RT: 10.590 min Scan# 1774
Delta R.T. 0.011 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Tgt Ion: 128 Resp: 9346
Ion Ratio Lower Upper
128 100
129 14.3 10.6 15.8
127 15.7 11.4 17.2

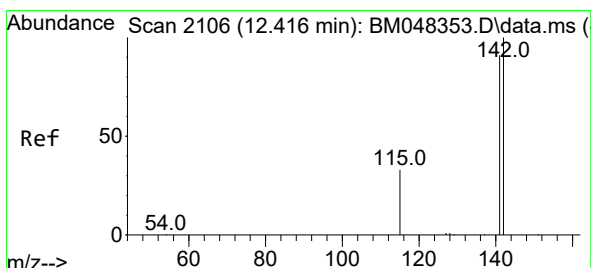
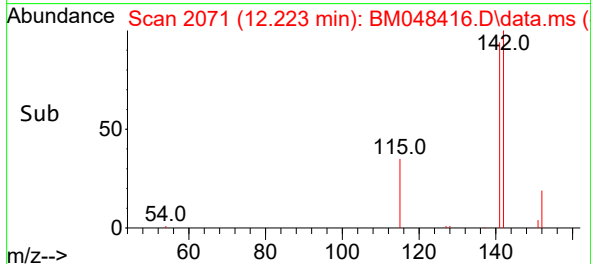
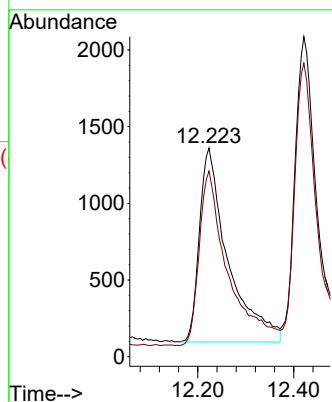
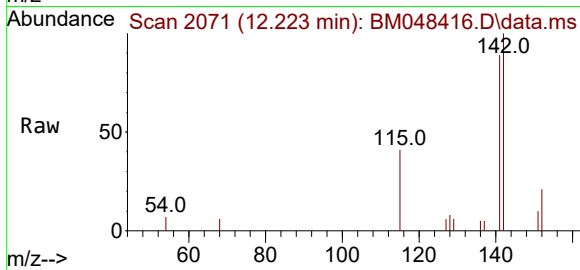




#7
2-Methylnaphthalene
Concen: 0.333 ng/ul
RT: 12.223 min Scan# 2069
Delta R.T. 0.011 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

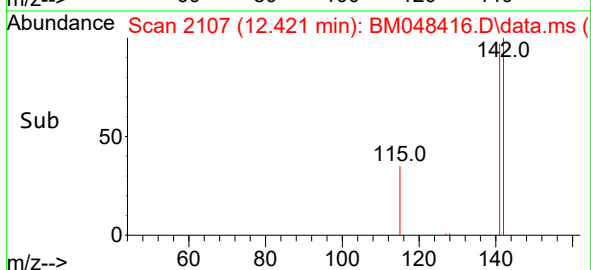
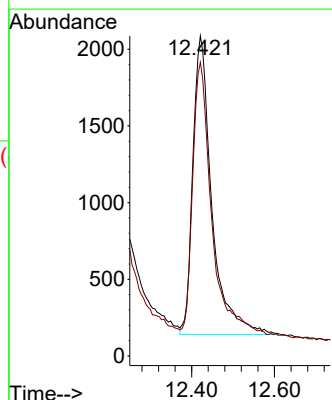
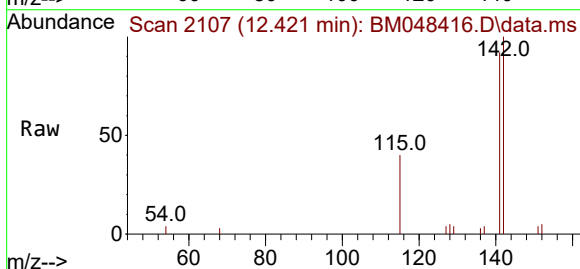
Instrument :
BNA_M
ClientSampleId :
E1L92MSD

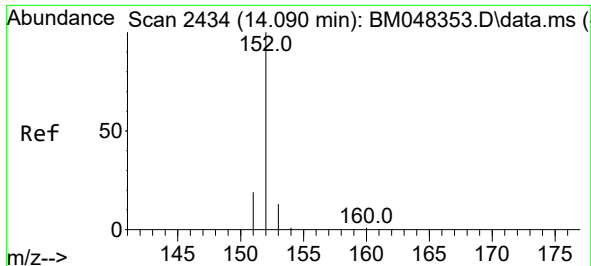
Tgt Ion:142 Resp: 5232
Ion Ratio Lower Upper
142 100
141 91.3 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.369 ng/ul
RT: 12.421 min Scan# 2107
Delta R.T. 0.005 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Tgt Ion:142 Resp: 6190
Ion Ratio Lower Upper
142 100
141 90.5 75.5 113.3

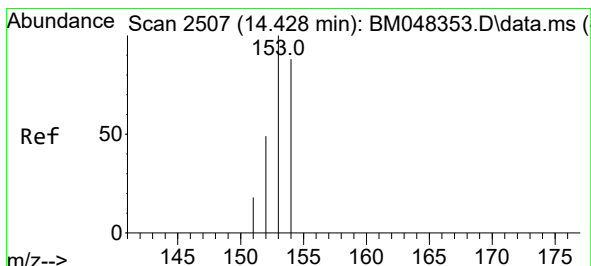
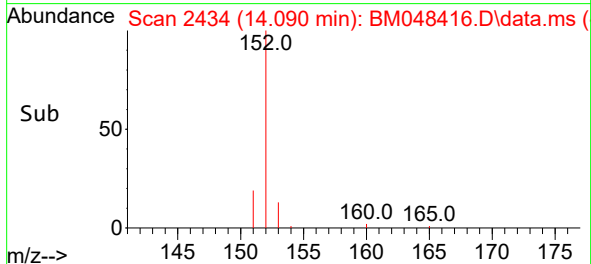
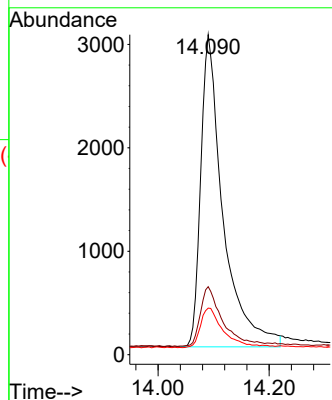
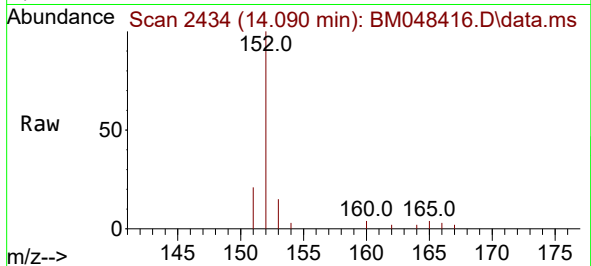




#10
Acenaphthylene
Concen: 0.365 ng/ul
RT: 14.090 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

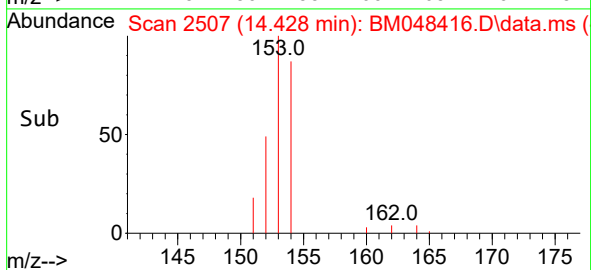
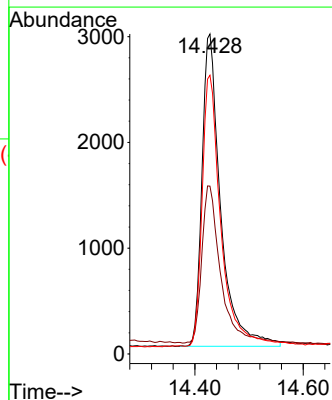
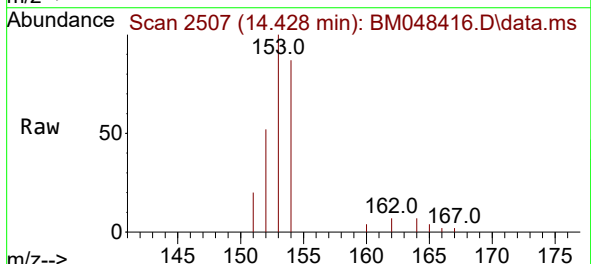
Instrument :
BNA_M
ClientSampleId :
E1L92MSD

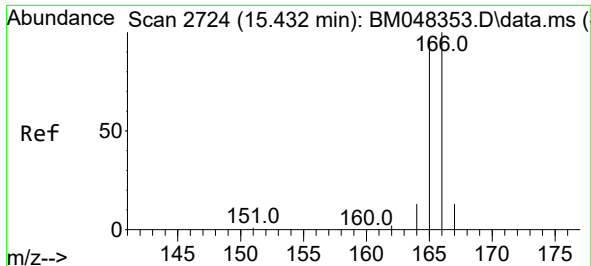
Tgt Ion:152 Resp: 8416
Ion Ratio Lower Upper
152 100
151 21.2 16.6 24.8
153 14.5 11.8 17.6



#11
Acenaphthene
Concen: 0.383 ng/ul
RT: 14.428 min Scan# 2507
Delta R.T. -0.000 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Tgt Ion:153 Resp: 7072
Ion Ratio Lower Upper
153 100
152 52.4 40.7 61.1
154 87.1 70.6 106.0

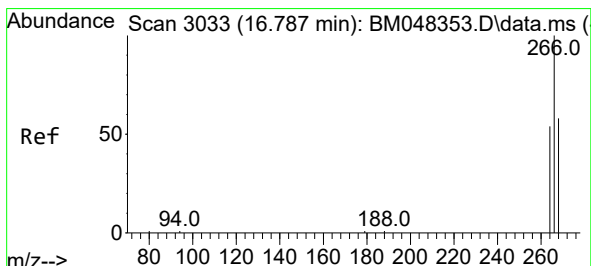
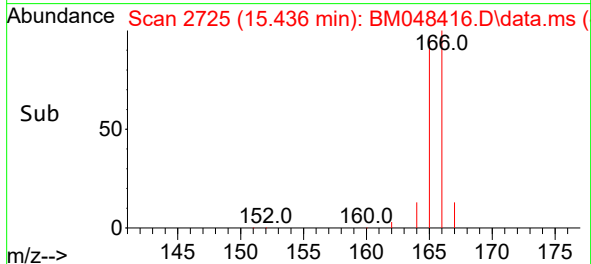
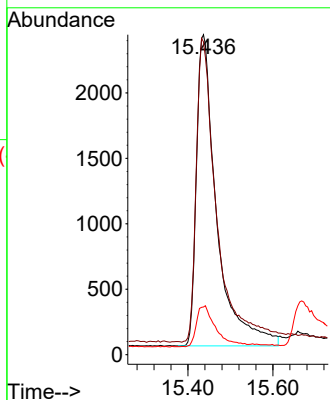
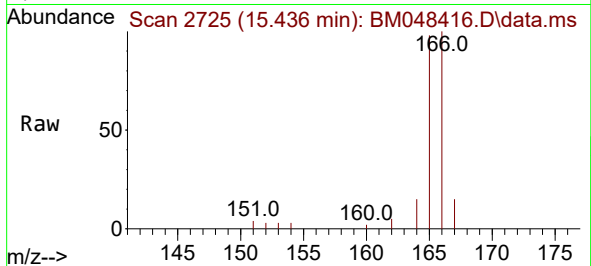




#12
Fluorene
Concen: 0.384 ng/ul
RT: 15.436 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

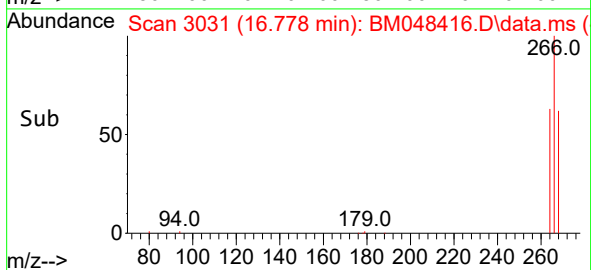
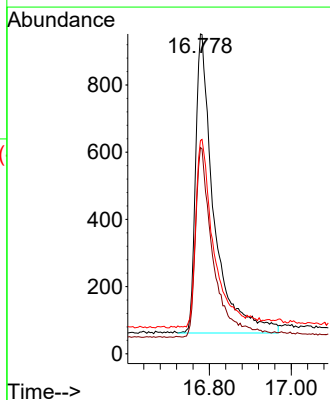
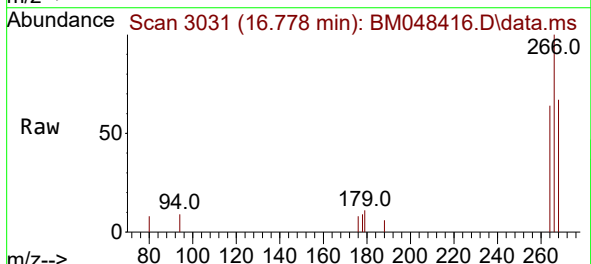
Instrument :
BNA_M
ClientSampleId :
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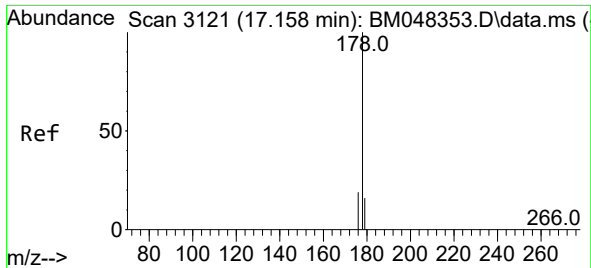
Tgt Ion:166 Resp: 7890
Ion Ratio Lower Upper
166 100
165 97.8 78.6 118.0
167 14.9 12.1 18.1



#14
Pentachlorophenol
Concen: 0.889 ng/ul
RT: 16.778 min Scan# 3031
Delta R.T. -0.009 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Tgt Ion:266 Resp: 2764
Ion Ratio Lower Upper
266 100
264 61.6 48.3 72.5
268 63.7 46.2 69.4

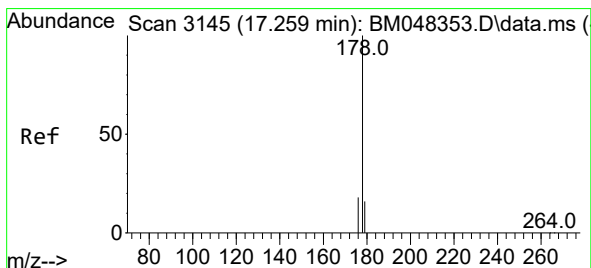
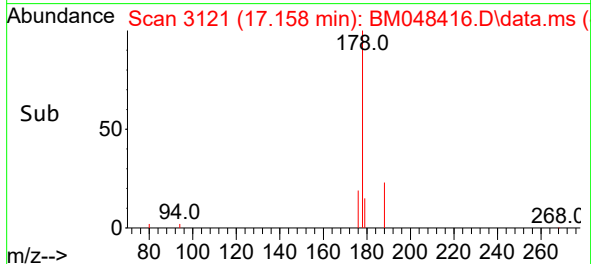
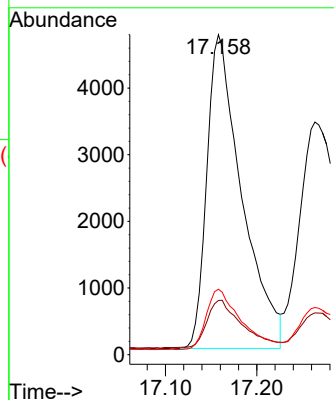
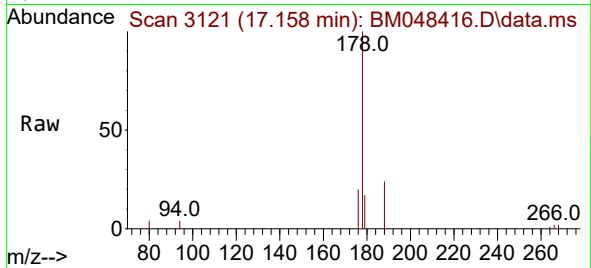




#15
Phenanthrene
Concen: 0.450 ng/ul
RT: 17.158 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

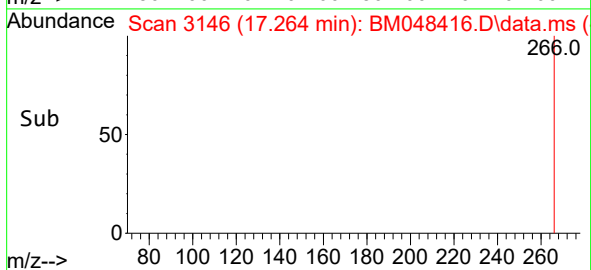
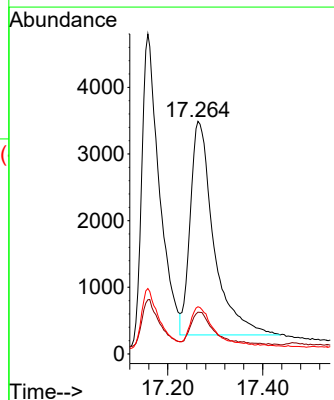
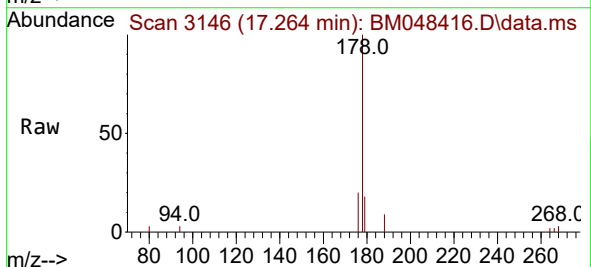
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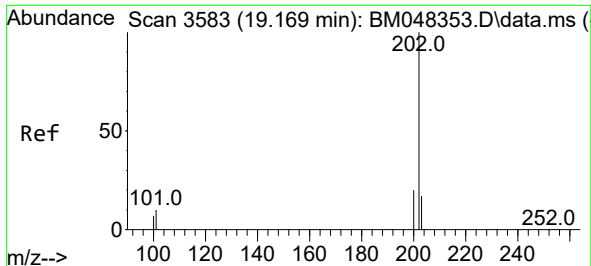
Tgt Ion:	178	Resp:	12491
Ion Ratio	Lower	Upper	
178	100		
179	17.0	13.9	20.9
176	20.4	16.0	24.0



#16
Anthracene
Concen: 0.424 ng/ul
RT: 17.264 min Scan# 3146
Delta R.T. 0.004 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Tgt Ion:	178	Resp:	11022
Ion Ratio	Lower	Upper	
178	100		
179	18.0	14.2	21.2
176	20.3	15.8	23.6

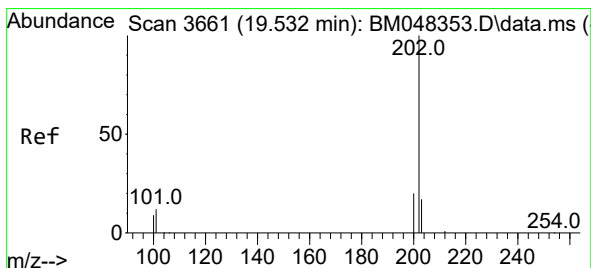
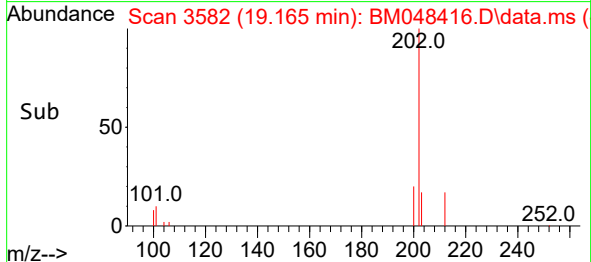
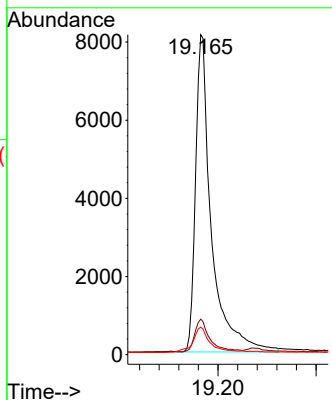
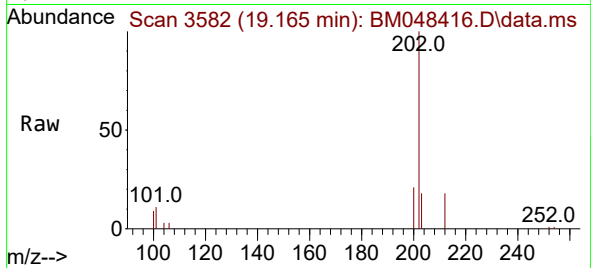




#19
Fluoranthene
Concen: 0.495 ng/ul
RT: 19.165 min Scan# 3582
Delta R.T. -0.005 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

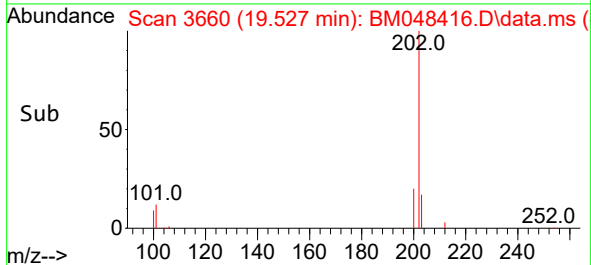
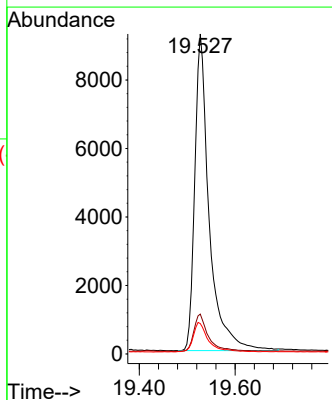
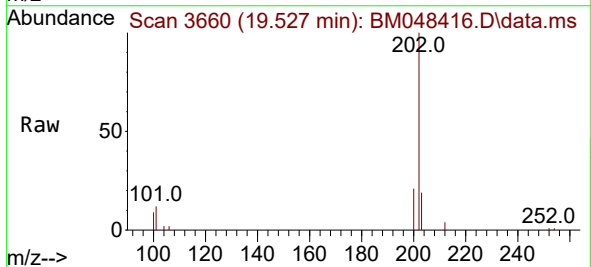
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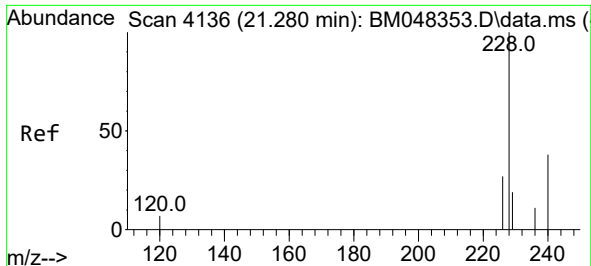
Tgt Ion:	202	Resp:	18217
Ion Ratio	Lower	Upper	
202	100		
101	11.1	9.0	13.4
100	8.6	6.6	10.0



#20
Pyrene
Concen: 0.490 ng/ul
RT: 19.527 min Scan# 3660
Delta R.T. -0.005 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Tgt Ion:	202	Resp:	19358
Ion Ratio	Lower	Upper	
202	100		
101	12.5	10.0	15.0
100	9.5	8.0	12.0

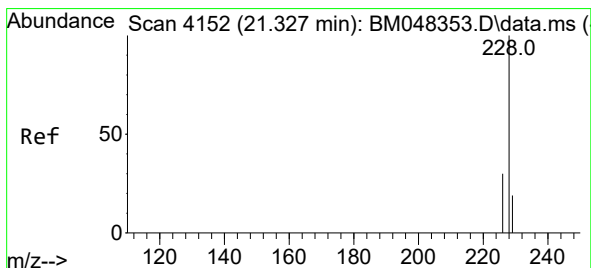
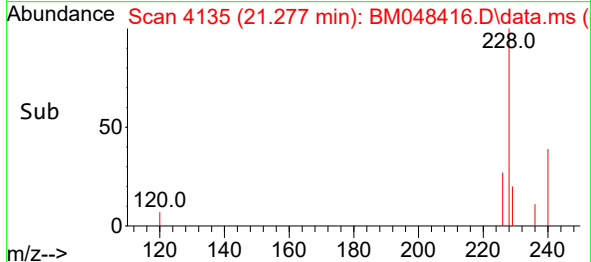
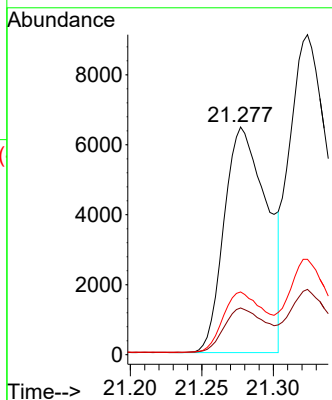
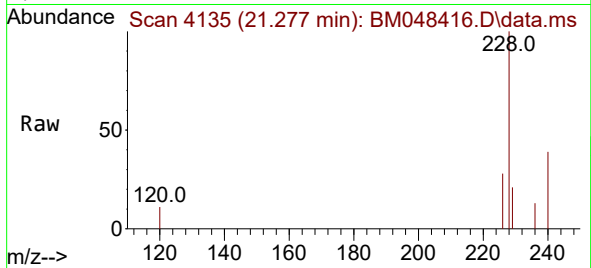




#21
Benzo(a)anthracene
Concen: 0.419 ng/ul
RT: 21.277 min Scan# 4135
Delta R.T. -0.003 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

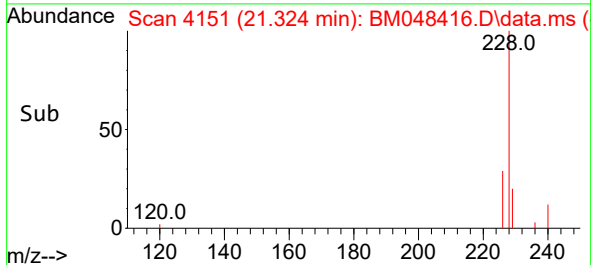
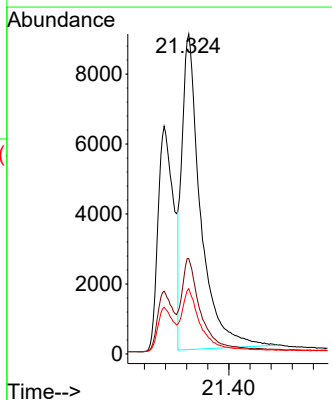
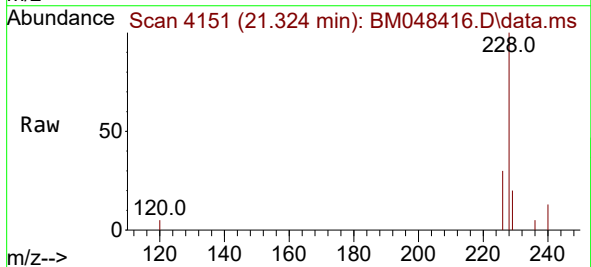
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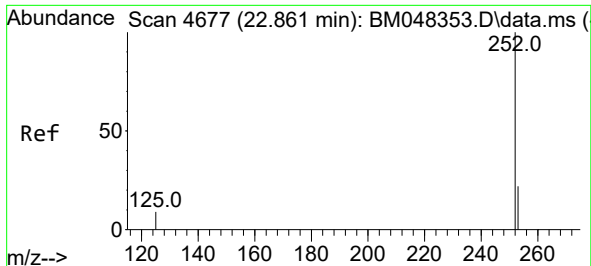
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Ion Ratio Lower Upper
228 100
229 20.5 15.9 23.9
226 27.5 22.1 33.1



#22
Chrysene
Concen: 0.503 ng/ul
RT: 21.324 min Scan# 4151
Delta R.T. -0.003 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Tgt Ion:228 Resp: 22160
Ion Ratio Lower Upper
228 100
226 29.8 24.1 36.1
229 20.4 15.9 23.9

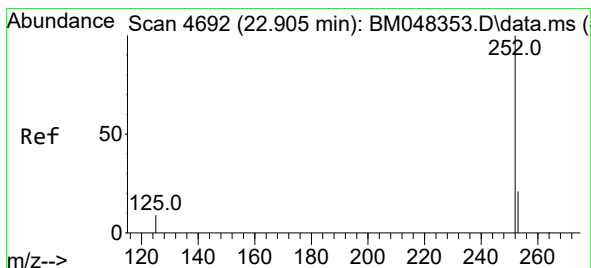
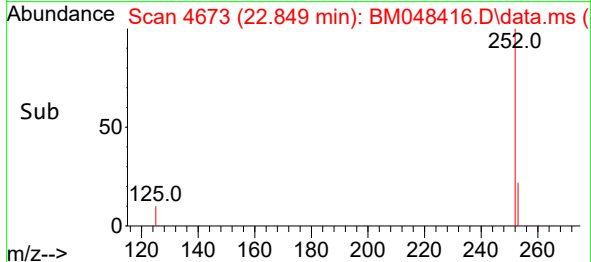
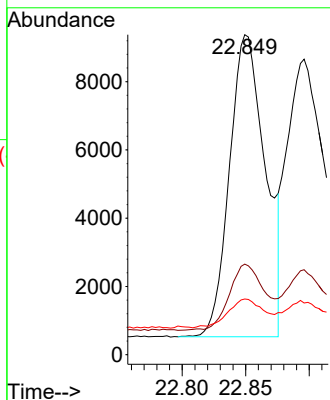
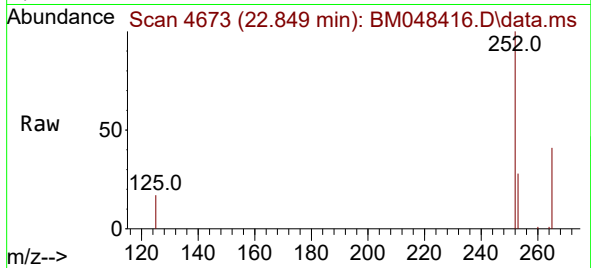




#24
Benzo(b)fluoranthene
Concen: 0.478 ng/ul
RT: 22.849 min Scan# 4673
Delta R.T. -0.012 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

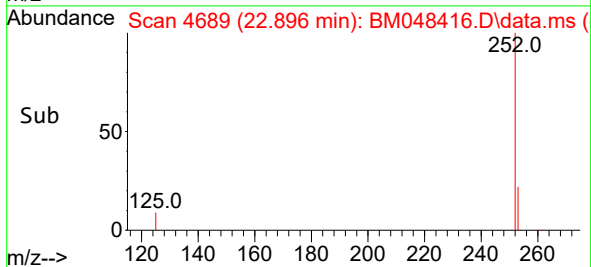
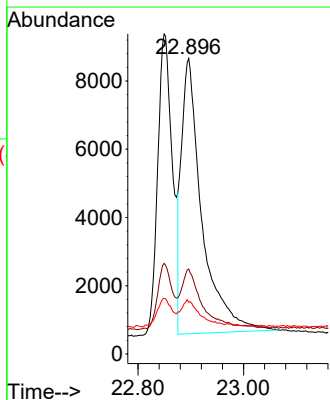
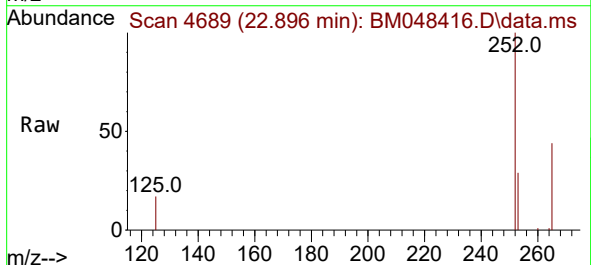
Instrument :
BNA_M
ClientSampleId :
E1L92MSD

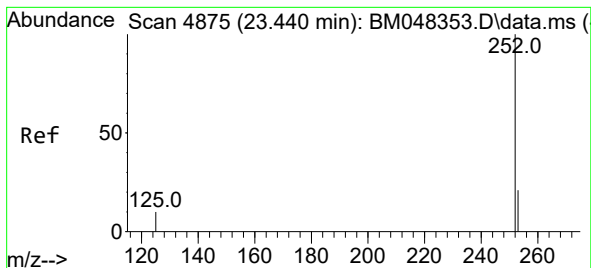
Tgt Ion:252 Resp: 17407
Ion Ratio Lower Upper
252 100
253 28.3 0.0 59.4
125 17.4 0.0 38.0



#25
Benzo(k)fluoranthene
Concen: 0.504 ng/ul
RT: 22.896 min Scan# 4689
Delta R.T. -0.009 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Tgt Ion:252 Resp: 21727
Ion Ratio Lower Upper
252 100
253 28.8 23.4 35.0
125 17.5 15.3 22.9





#26

Benzo(a)pyrene

Concen: 0.459 ng/ul

RT: 23.431 min Scan# 4872

Delta R.T. -0.009 min

Lab File: BM048416.D

Acq: 02 Nov 2024 04:24

Instrument :

BNA_M

ClientSampleId :

E1L92MSD

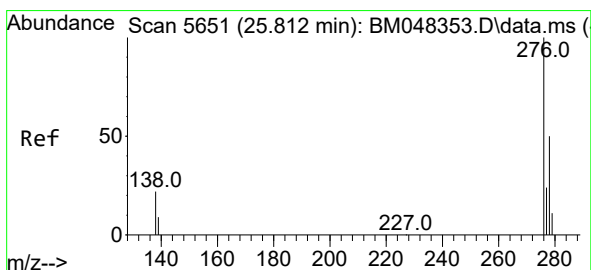
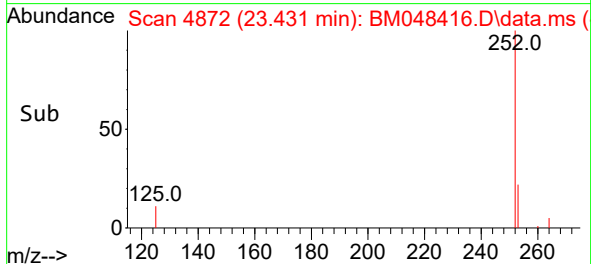
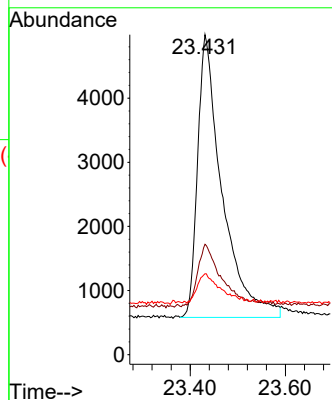
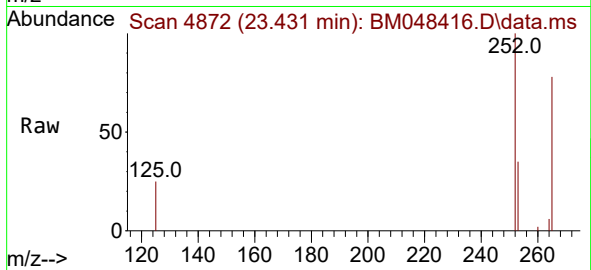
Tgt Ion:252 Resp: 15689

Ion Ratio Lower Upper

252 100

253 34.5 27.7 41.5

125 25.3 21.1 31.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.458 ng/ul

RT: 25.812 min Scan# 5651

Delta R.T. -0.000 min

Lab File: BM048416.D

Acq: 02 Nov 2024 04:24

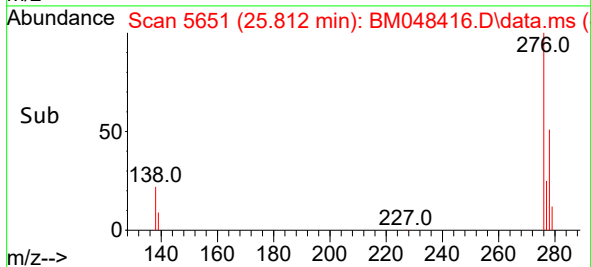
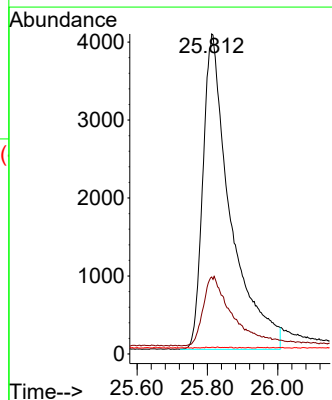
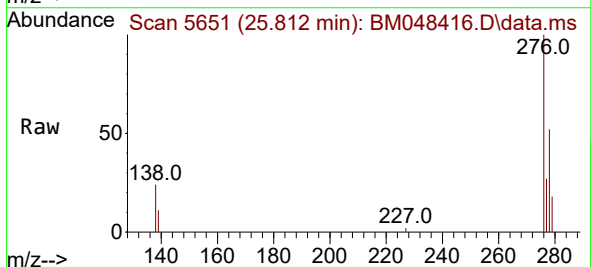
Tgt Ion:276 Resp: 21897

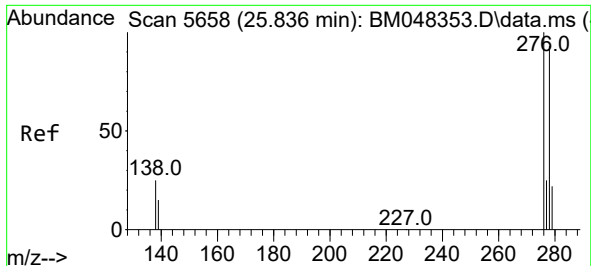
Ion Ratio Lower Upper

276 100

138 23.7 19.6 29.4

227 0.0 0.1 0.1#

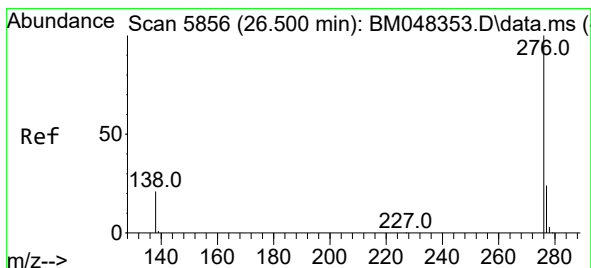
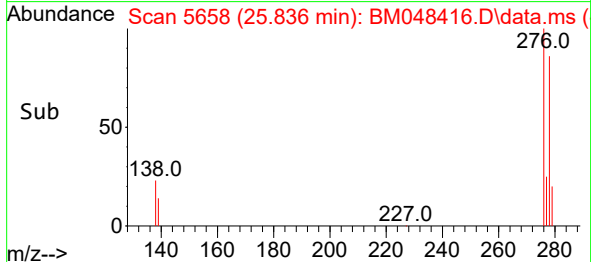
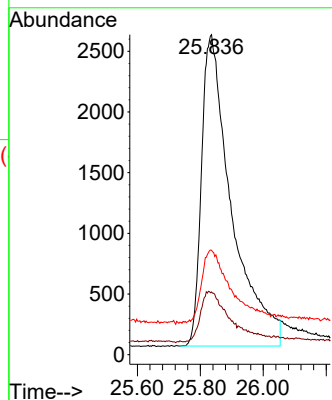
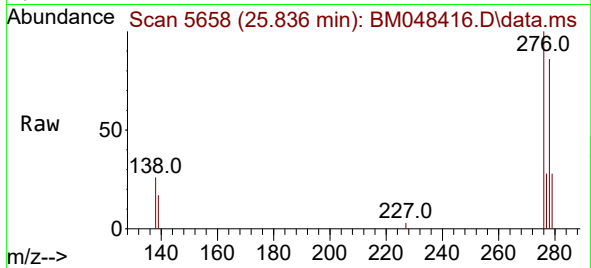




#28
Dibenzo(a,h)anthracene
Concen: 0.455 ng/ul
RT: 25.836 min Scan# 5658
Delta R.T. -0.000 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Instrument :
BNA_M
ClientSampleId :
E1L92MSD

Tgt Ion:278 Resp: 16950
Ion Ratio Lower Upper
278 100
139 19.6 15.6 23.4
279 32.7 26.4 39.6



#29
Benzo(g,h,i)perylene
Concen: 0.477 ng/ul
RT: 26.490 min Scan# 5853
Delta R.T. -0.010 min
Lab File: BM048416.D
Acq: 02 Nov 2024 04:24

Tgt Ion:276 Resp: 19226
Ion Ratio Lower Upper
276 100
138 22.7 19.0 28.6
277 25.8 20.6 31.0

