

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048400.D
 Acq On : 01 Nov 2024 18:03
 Operator : RC/JU
 Sample : PB164424BS
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS424

Quant Time: Nov 03 21:50:15 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

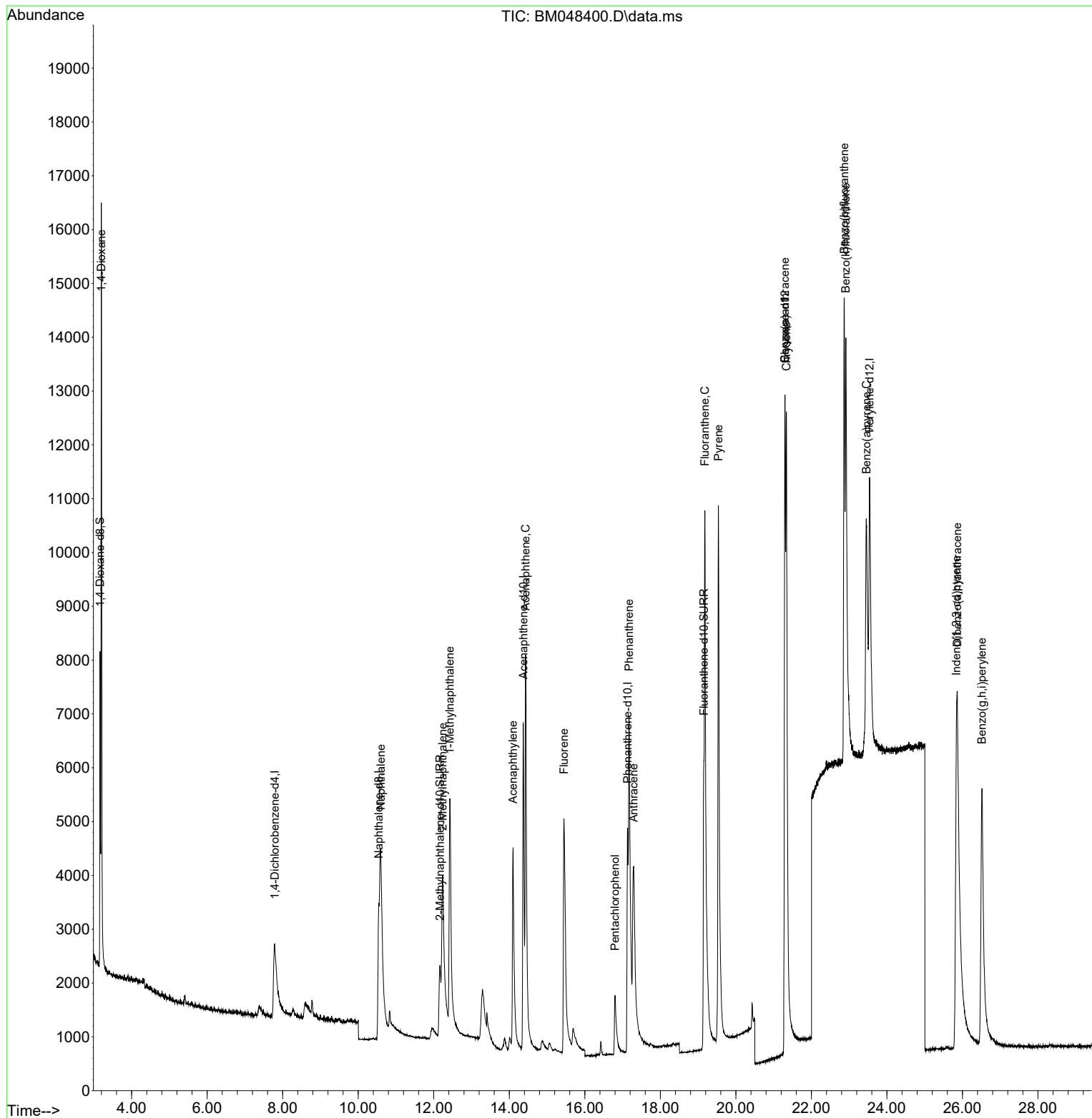
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.788	152	2752	0.400	ng/ul	0.04
4) Naphthalene-d8	10.546	136	10408	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.373	164	6068	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.133	188	12325	0.400	ng/ul	0.01
17) Chrysene-d12	21.303	240	10257	0.400	ng/ul	0.01
23) Perylene-d12	23.539	264	10389	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	3494	1.034	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.163	152	5330	0.403	ng/ul	0.02
18) Fluoranthene-d10	19.151	212	12205	0.469	ng/ul	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.197	88	9009	2.457	ng/ul#	82
5) Naphthalene	10.596	128	10028	0.369	ng/ul	97
7) 2-Methylnaphthalene	12.234	142	5667	0.350	ng/ul	99
8) 1-Methylnaphthalene	12.427	142	6688	0.388	ng/ul	97
10) Acenaphthylene	14.100	152	8735	0.372	ng/ul	98
11) Acenaphthene	14.433	153	7325	0.390	ng/ul	98
12) Fluorene	15.446	166	7780	0.372	ng/ul	99
14) Pentachlorophenol	16.799	266	1955	0.570	ng/ul	94
15) Phenanthrene	17.171	178	11147	0.364	ng/ul	98
16) Anthracene	17.293	178	9808	0.342	ng/ul	96
19) Fluoranthene	19.179	202	15121	0.428	ng/ul	99
20) Pyrene	19.537	202	16300	0.430	ng/ul	98
21) Benzo(a)anthracene	21.298	228	10288	0.335	ng/ul	100
22) Chrysene	21.338	228	18674	0.442	ng/ul	100
24) Benzo(b)fluoranthene	22.867	252	13819	0.389	ng/ul	99
25) Benzo(k)fluoranthene	22.911	252	17923	0.426	ng/ul	96
26) Benzo(a)pyrene	23.454	252	13563	0.407	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.839	276	18192	0.390	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.863	278	14009	0.385	ng/ul	96
29) Benzo(g,h,i)perylene	26.517	276	15945	0.406	ng/ul	99

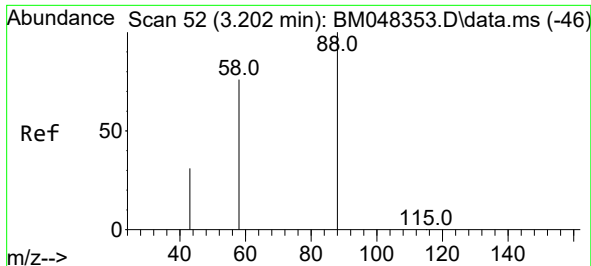
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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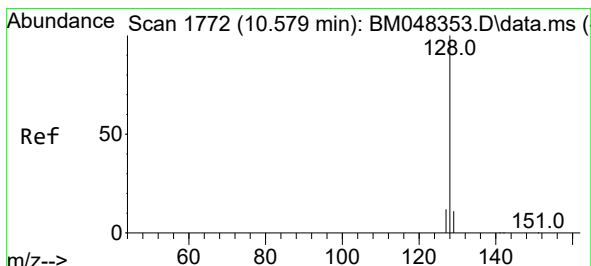
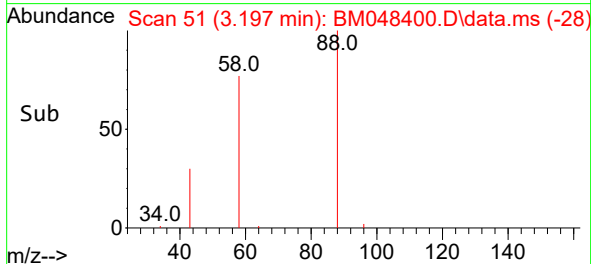
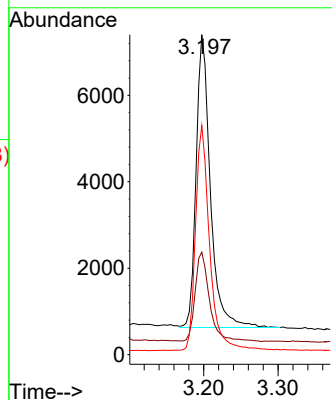
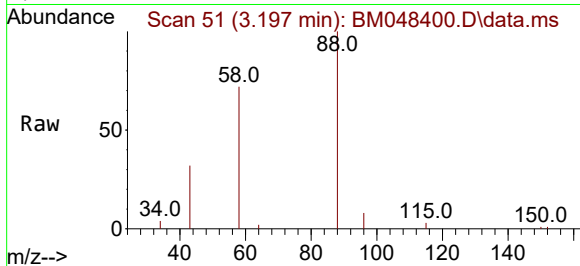




#2
1,4-Dioxane
Concen: 2.457 ng/ul
RT: 3.197 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048400.D
Acq: 01 Nov 2024 18:03

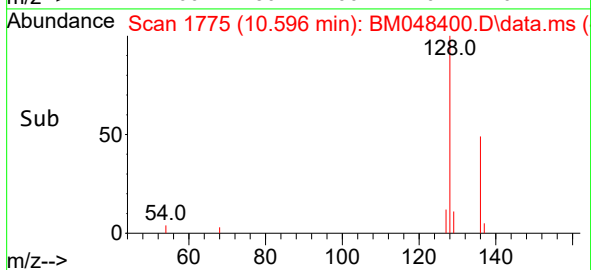
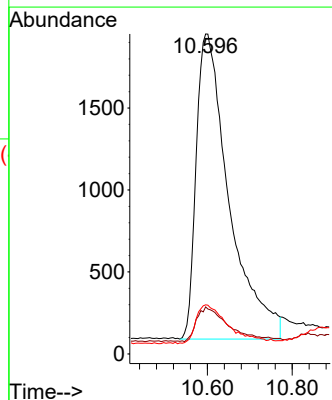
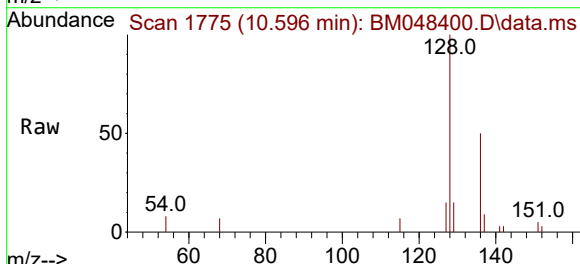
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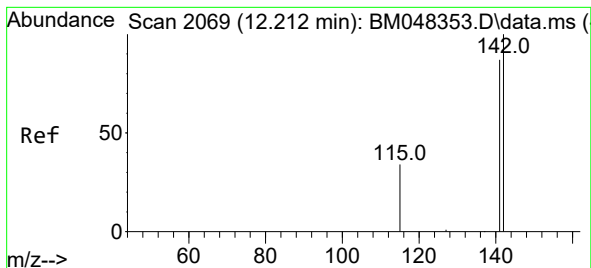
Tgt Ion: 88 Resp: 9009
Ion Ratio Lower Upper
88 100
43 32.0 36.2 54.4#
58 71.6 47.4 71.0#



#5
Naphthalene
Concen: 0.369 ng/ul
RT: 10.596 min Scan# 1775
Delta R.T. 0.016 min
Lab File: BM048400.D
Acq: 01 Nov 2024 18:03

Tgt Ion: 128 Resp: 10028
Ion Ratio Lower Upper
128 100
129 14.7 10.6 15.8
127 15.3 11.4 17.2

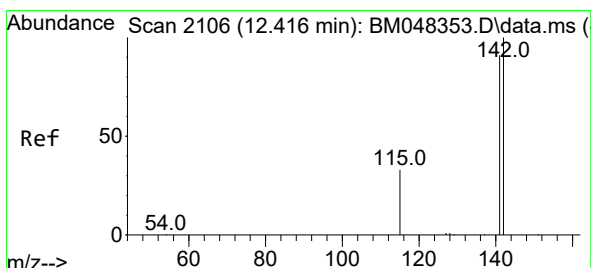
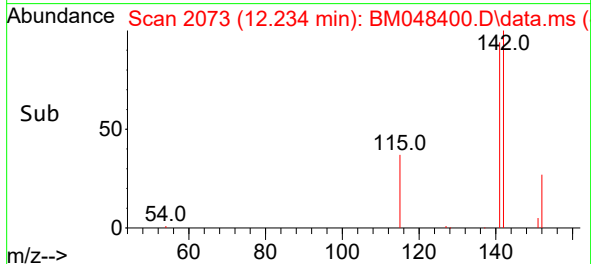
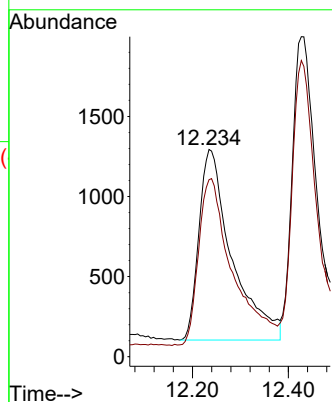
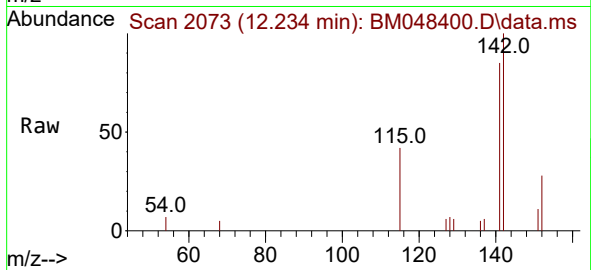




#7
2-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.234 min Scan# 2069
Delta R.T. 0.022 min
Lab File: BM048400.D
Acq: 01 Nov 2024 18:03

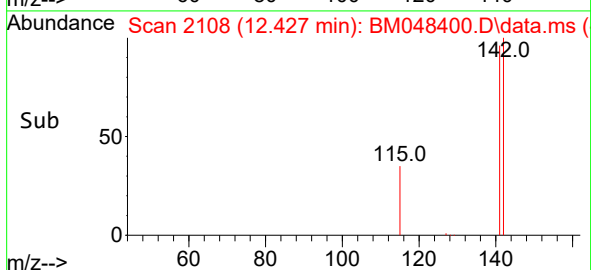
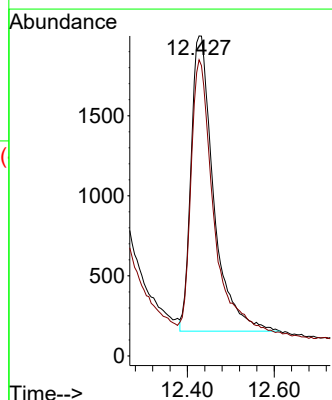
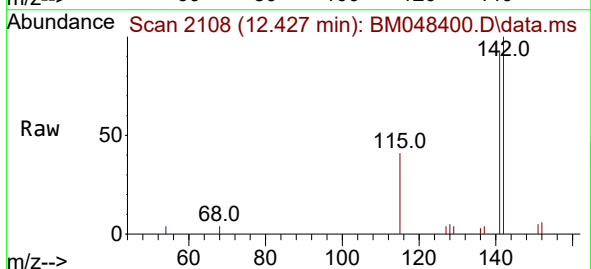
Instrument :
BNA_M
ClientSampleId :
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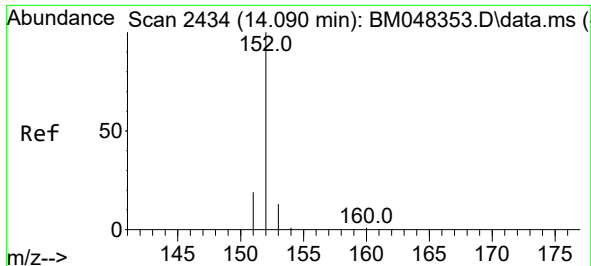
Tgt Ion:142 Resp: 5667
Ion Ratio Lower Upper
142 100
141 91.2 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.427 min Scan# 2108
Delta R.T. 0.011 min
Lab File: BM048400.D
Acq: 01 Nov 2024 18:03

Tgt Ion:142 Resp: 6688
Ion Ratio Lower Upper
142 100
141 91.3 75.5 113.3

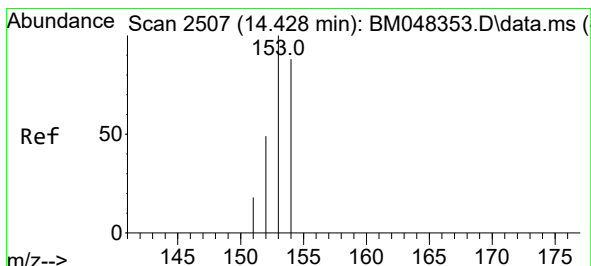
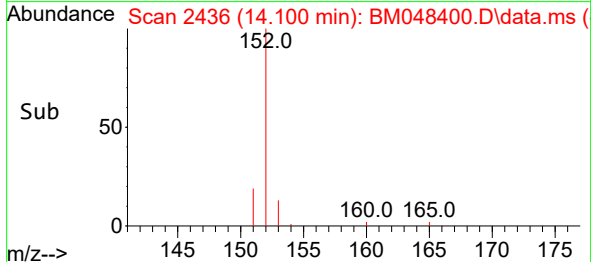
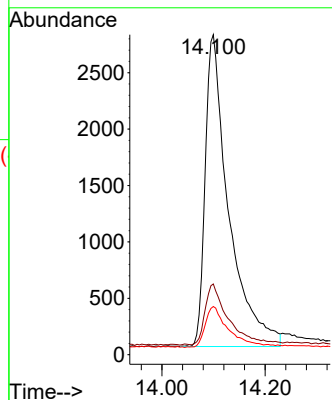
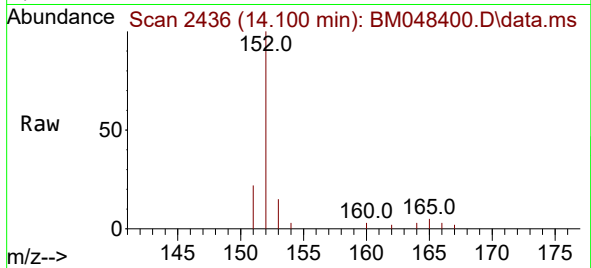




#10
Acenaphthylene
Concen: 0.372 ng/ul
RT: 14.100 min Scan# 2436
Delta R.T. 0.009 min
Lab File: BM048400.D
Acq: 01 Nov 2024 18:03

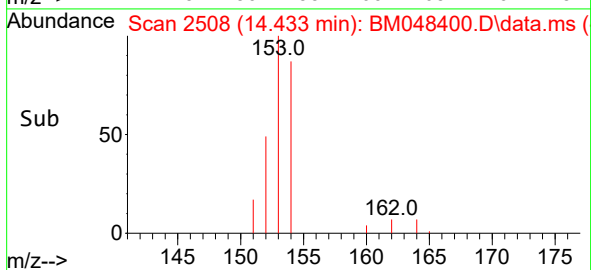
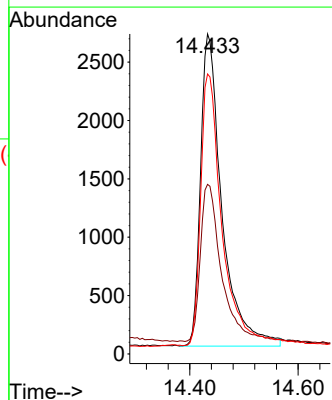
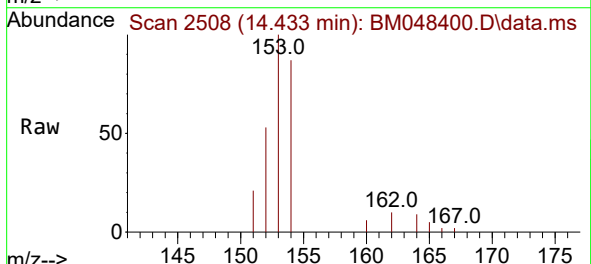
Instrument :
BNA_M
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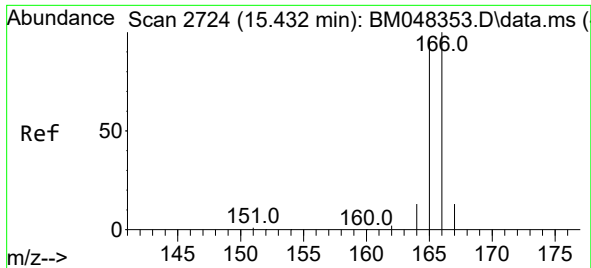
Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.1	16.6	24.8
153	15.1	11.8	17.6



#11
Acenaphthene
Concen: 0.390 ng/ul
RT: 14.433 min Scan# 2508
Delta R.T. 0.005 min
Lab File: BM048400.D
Acq: 01 Nov 2024 18:03

Tgt Ion	Ratio	Lower	Upper
153	100		
152	53.0	40.7	61.1
154	87.5	70.6	106.0

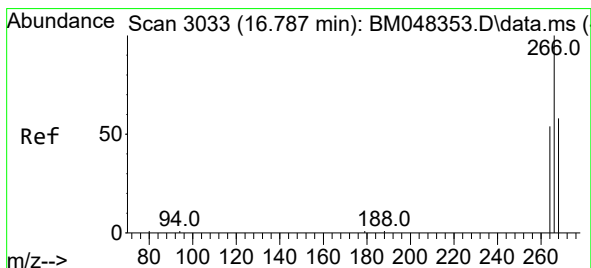
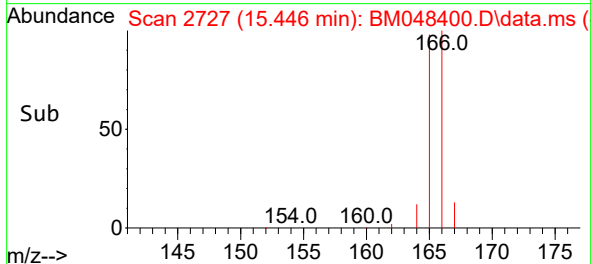
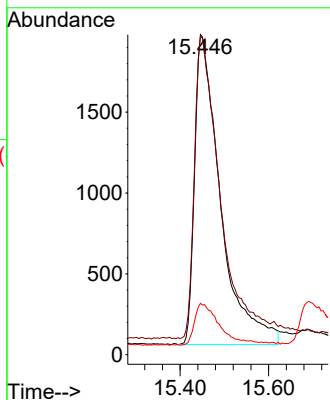
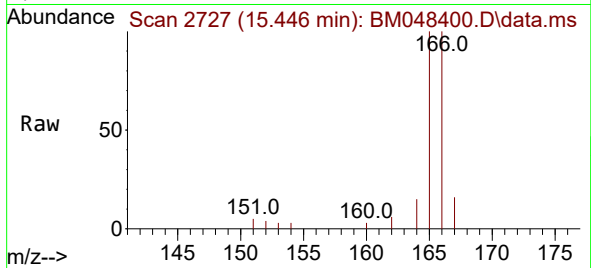




#12
 Fluorene
 Concen: 0.372 ng/ul
 RT: 15.446 min Scan# 21
 Delta R.T. 0.014 min
 Lab File: BM048400.D
 Acq: 01 Nov 2024 18:03

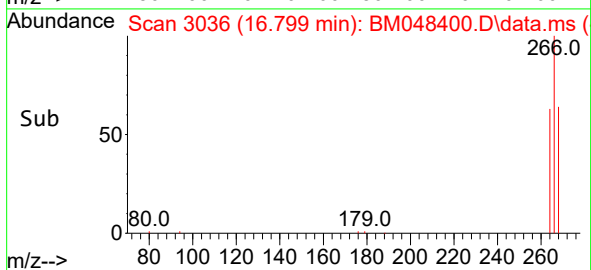
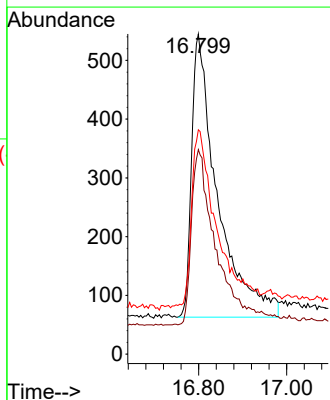
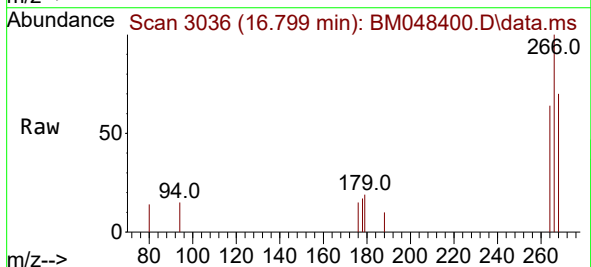
Instrument :
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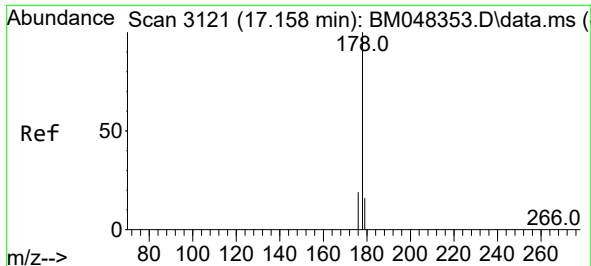
Tgt Ion:166 Resp: 7780
 Ion Ratio Lower Upper
 166 100
 165 99.6 78.6 118.0
 167 16.1 12.1 18.1



#14
 Pentachlorophenol
 Concen: 0.570 ng/ul
 RT: 16.799 min Scan# 3036
 Delta R.T. 0.013 min
 Lab File: BM048400.D
 Acq: 01 Nov 2024 18:03

Tgt Ion:266 Resp: 1955
 Ion Ratio Lower Upper
 266 100
 264 60.5 48.3 72.5
 268 66.2 46.2 69.4

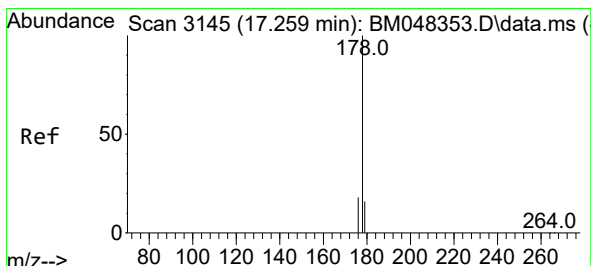
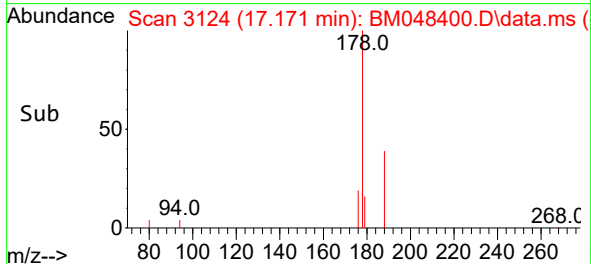
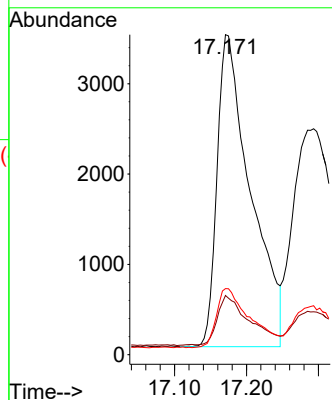
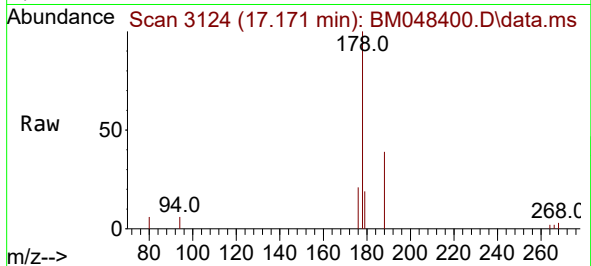




#15
Phenanthrene
Concen: 0.364 ng/ul
RT: 17.171 min Scan# 3124
Delta R.T. 0.013 min
Lab File: BM048400.D
Acq: 01 Nov 2024 18:03

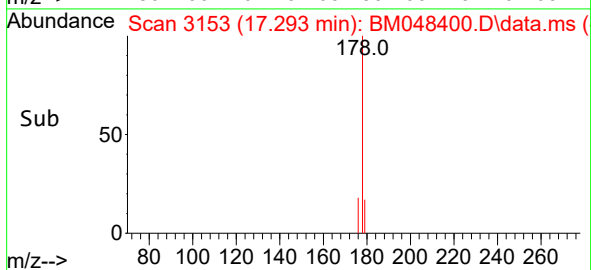
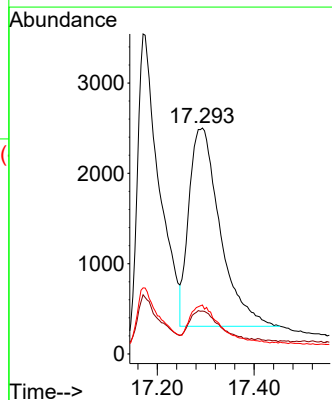
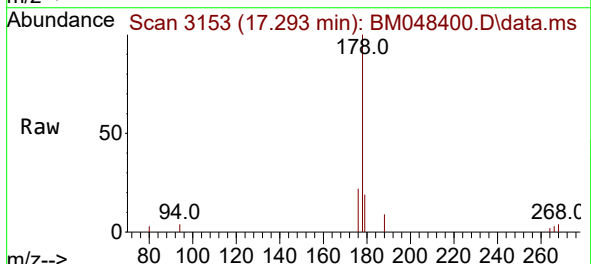
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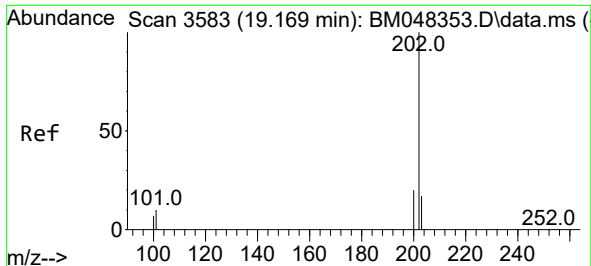
Tgt Ion:178 Resp: 11147
Ion Ratio Lower Upper
178 100
179 18.5 13.9 20.9
176 20.7 16.0 24.0



#16
Anthracene
Concen: 0.342 ng/ul
RT: 17.293 min Scan# 3153
Delta R.T. 0.034 min
Lab File: BM048400.D
Acq: 01 Nov 2024 18:03

Tgt Ion:178 Resp: 9808
Ion Ratio Lower Upper
178 100
179 19.0 14.2 21.2
176 21.7 15.8 23.6

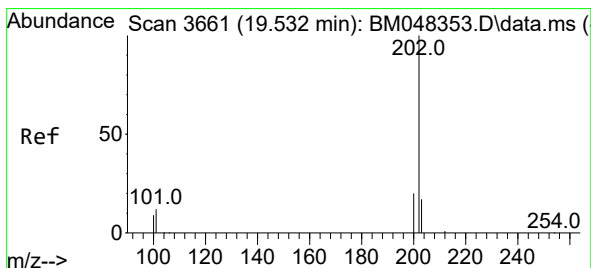
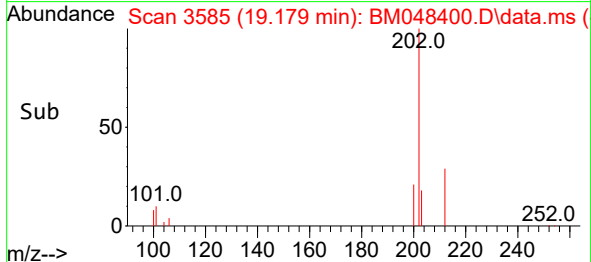
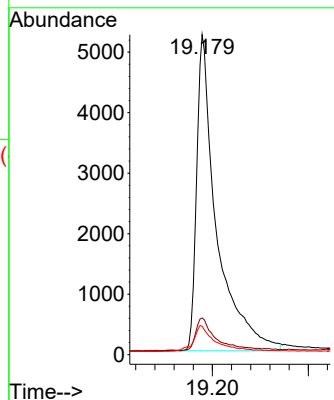
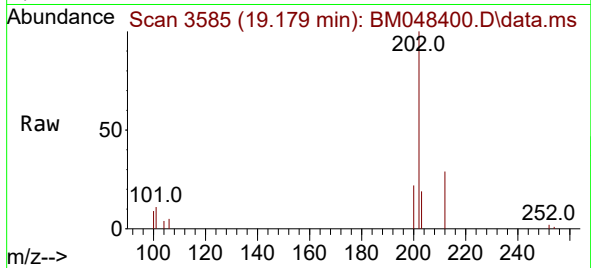




#19
Fluoranthene
Concen: 0.428 ng/ul
RT: 19.179 min Scan# 3585
Delta R.T. 0.009 min
Lab File: BM048400.D
Acq: 01 Nov 2024 18:03

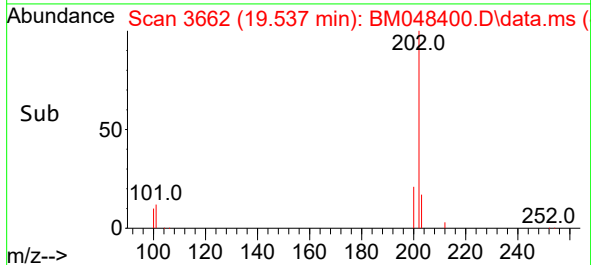
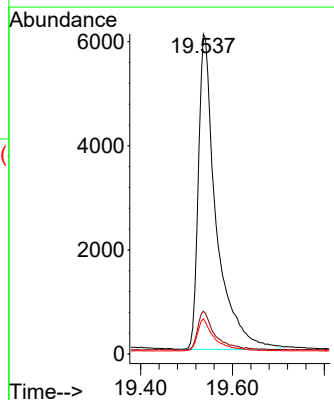
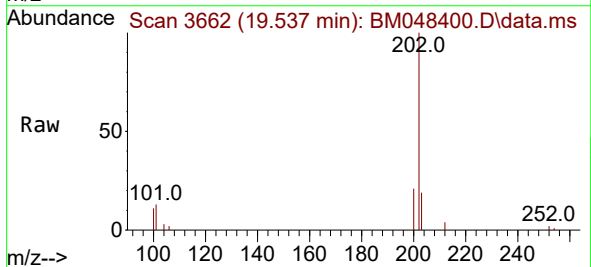
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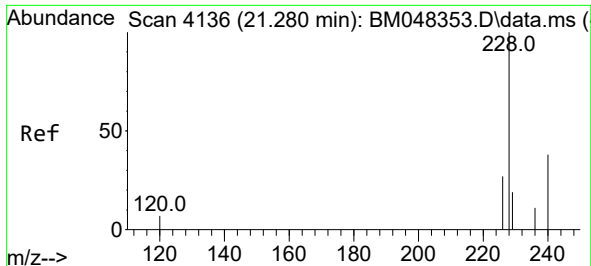
Tgt Ion:	202	Resp:	15121
Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.0	13.4
100	8.9	6.6	10.0



#20
Pyrene
Concen: 0.430 ng/ul
RT: 19.537 min Scan# 3662
Delta R.T. 0.005 min
Lab File: BM048400.D
Acq: 01 Nov 2024 18:03

Tgt Ion:	202	Resp:	16300
Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.0	15.0
100	10.9	8.0	12.0

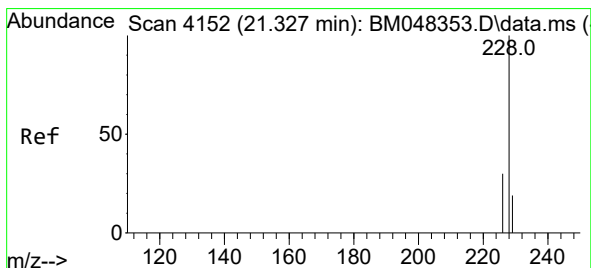
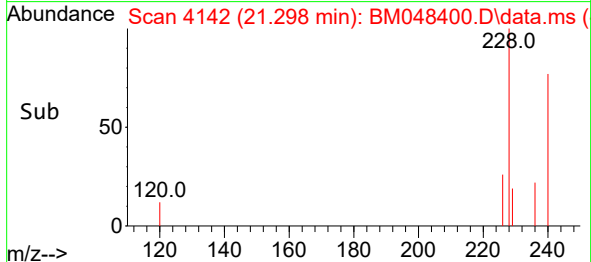
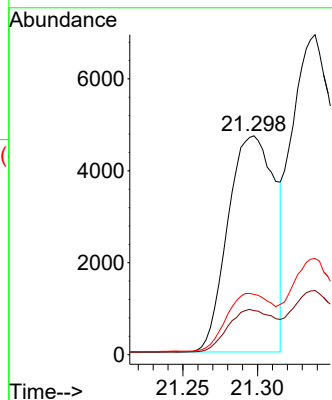
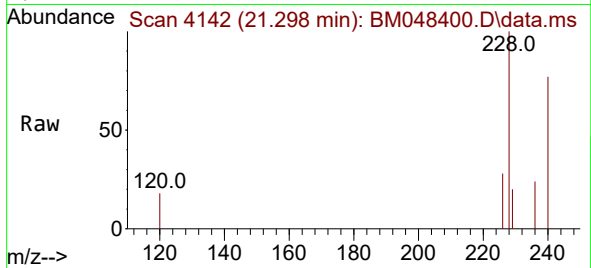




#21
Benzo(a)anthracene
Concen: 0.335 ng/ul
RT: 21.298 min Scan# 4136
Delta R.T. 0.017 min
Lab File: BM048400.D
Acq: 01 Nov 2024 18:03

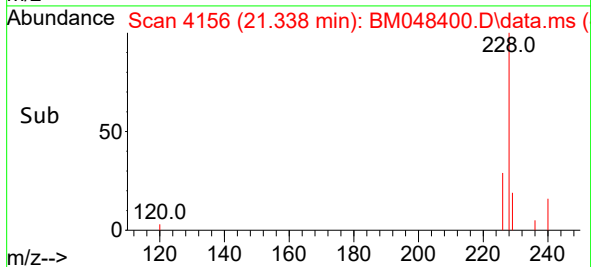
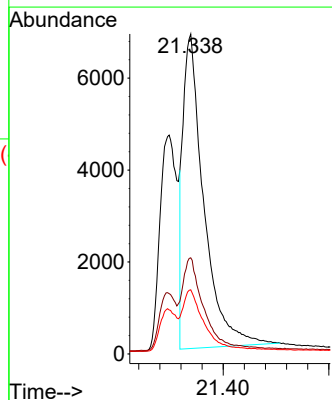
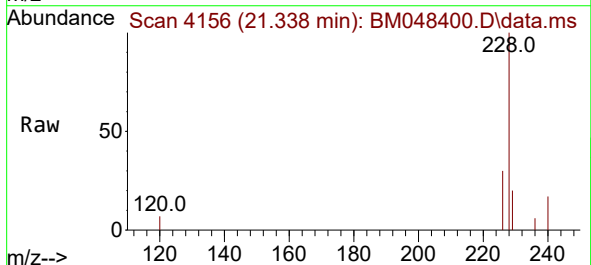
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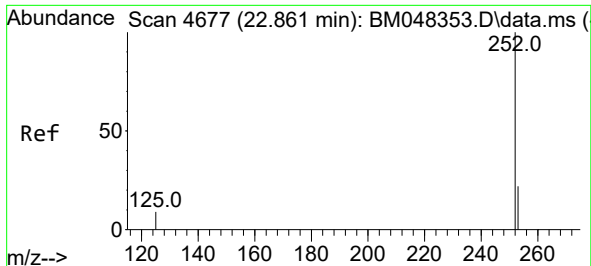
Tgt Ion:228 Resp: 10288
Ion Ratio Lower Upper
228 100
229 20.1 15.9 23.9
226 27.6 22.1 33.1



#22
Chrysene
Concen: 0.442 ng/ul
RT: 21.338 min Scan# 4156
Delta R.T. 0.012 min
Lab File: BM048400.D
Acq: 01 Nov 2024 18:03

Tgt Ion:228 Resp: 18674
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 20.1 15.9 23.9

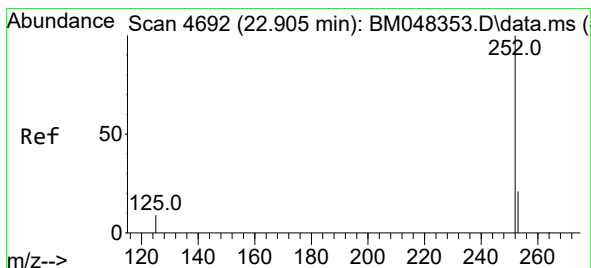
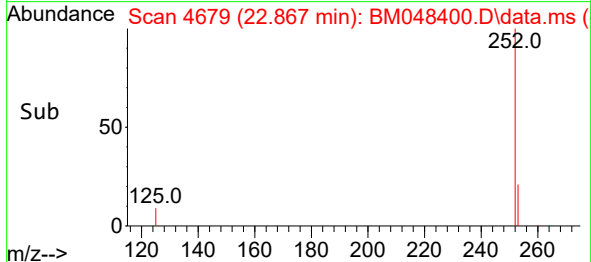
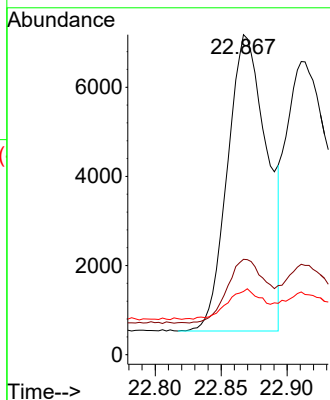
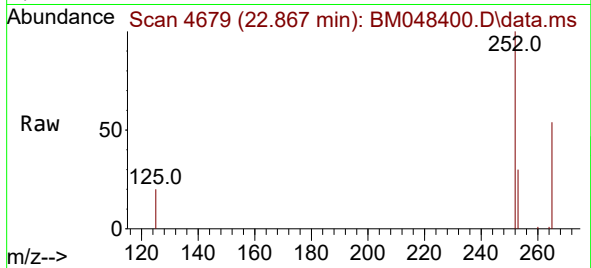




#24
Benzo(b)fluoranthene
Concen: 0.389 ng/ul
RT: 22.867 min Scan# 4677
Delta R.T. 0.006 min
Lab File: BM048400.D
Acq: 01 Nov 2024 18:03

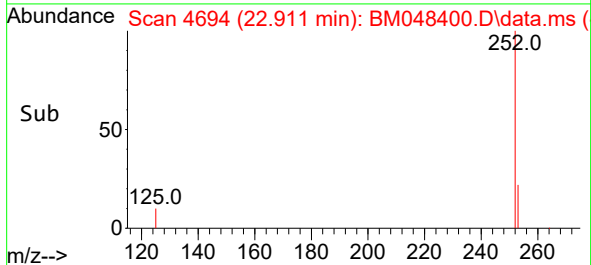
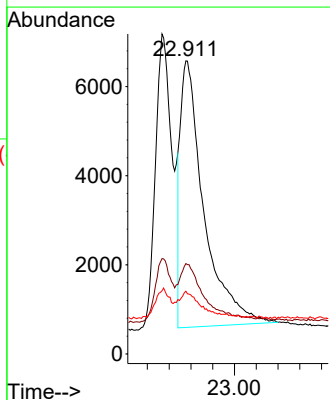
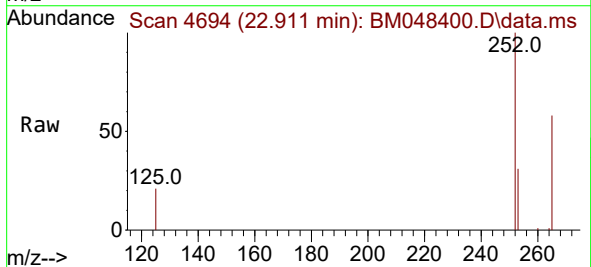
Instrument :
BNA_M
ClientSampleId :
SLCS424

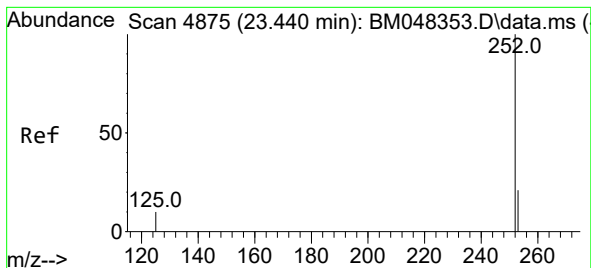
Tgt Ion:252 Resp: 13819
Ion Ratio Lower Upper
252 100
253 29.8 0.0 59.4
125 19.8 0.0 38.0



#25
Benzo(k)fluoranthene
Concen: 0.426 ng/ul
RT: 22.911 min Scan# 4694
Delta R.T. 0.006 min
Lab File: BM048400.D
Acq: 01 Nov 2024 18:03

Tgt Ion:252 Resp: 17923
Ion Ratio Lower Upper
252 100
253 30.8 23.4 35.0
125 21.4 15.3 22.9





#26

Benzo(a)pyrene

Concen: 0.407 ng/ul

RT: 23.454 min Scan# 4880

Delta R.T. 0.015 min

Lab File: BM048400.D

Acq: 01 Nov 2024 18:03

Instrument :

BNA_M

ClientSampleId :

SLCS424

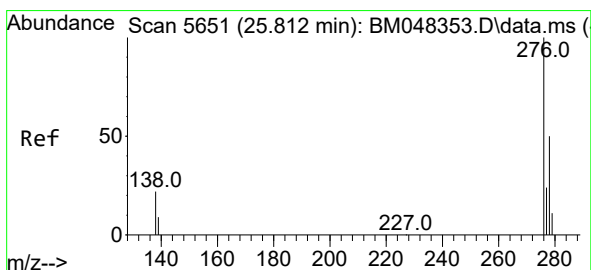
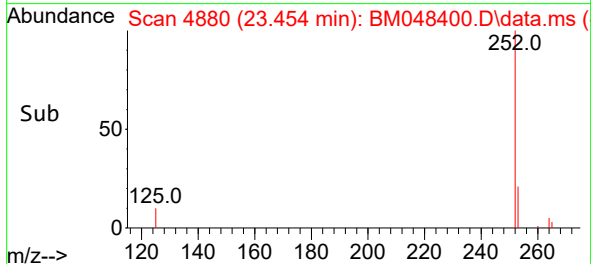
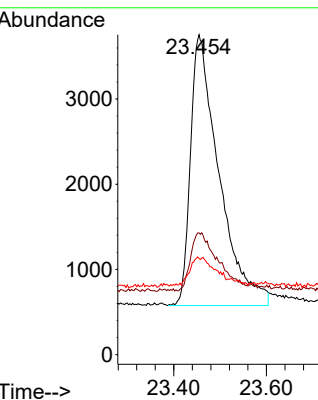
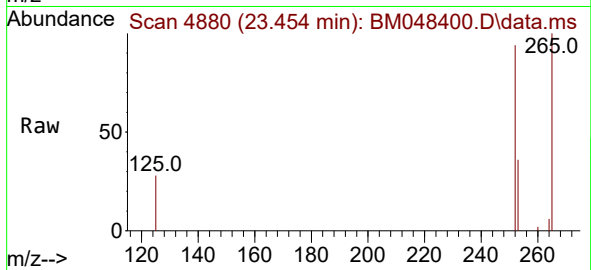
Tgt Ion:252 Resp: 13563

Ion Ratio Lower Upper

252 100

253 38.1 27.7 41.5

125 30.0 21.1 31.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.390 ng/ul

RT: 25.839 min Scan# 5659

Delta R.T. 0.027 min

Lab File: BM048400.D

Acq: 01 Nov 2024 18:03

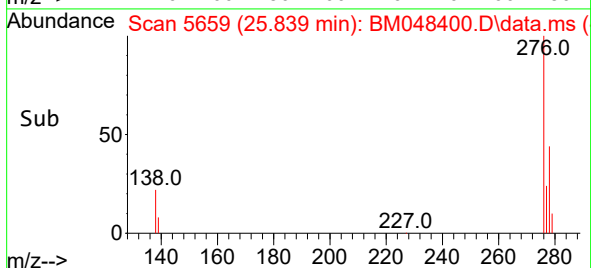
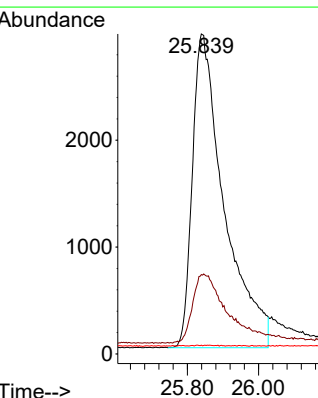
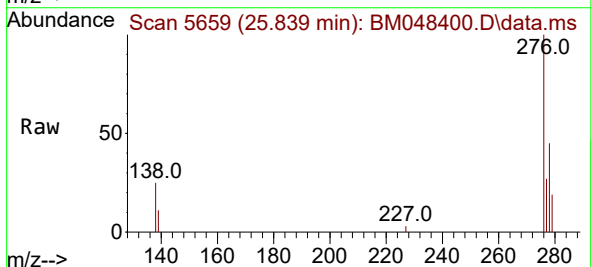
Tgt Ion:276 Resp: 18192

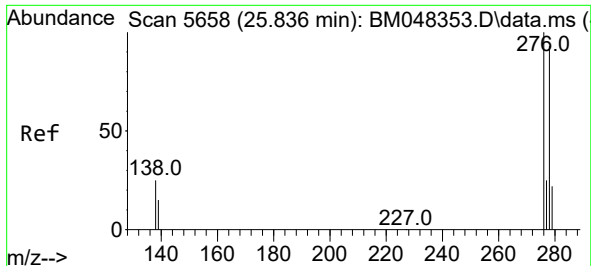
Ion Ratio Lower Upper

276 100

138 23.8 19.6 29.4

227 0.1 0.1 0.1#

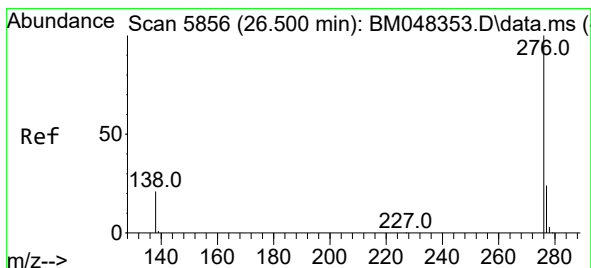
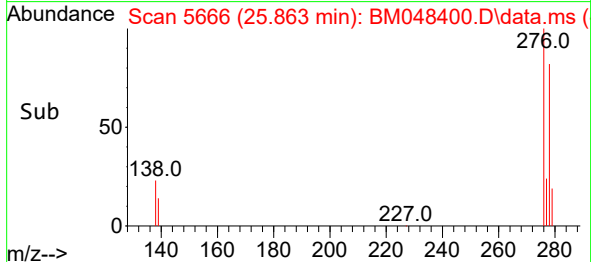
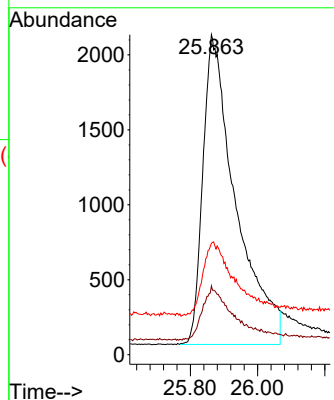
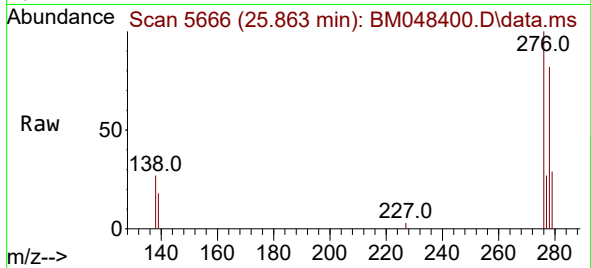




#28
Dibenzo(a,h)anthracene
Concen: 0.385 ng/ul
RT: 25.863 min Scan# 5666
Delta R.T. 0.027 min
Lab File: BM048400.D
Acq: 01 Nov 2024 18:03

Instrument :
BNA_M
ClientSampleId :
SLCS424

Tgt Ion:278 Resp: 14009
Ion Ratio Lower Upper
278 100
139 21.5 15.6 23.4
279 34.8 26.4 39.6



#29
Benzo(g,h,i)perylene
Concen: 0.406 ng/ul
RT: 26.517 min Scan# 5861
Delta R.T. 0.017 min
Lab File: BM048400.D
Acq: 01 Nov 2024 18:03

Tgt Ion:276 Resp: 15945
Ion Ratio Lower Upper
276 100
138 23.5 19.0 28.6
277 26.1 20.6 31.0

