

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048383.D
 Acq On : 01 Nov 2024 07:07
 Operator : RC/JU
 Sample : PB164507BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS507

Quant Time: Nov 03 07:05:55 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)

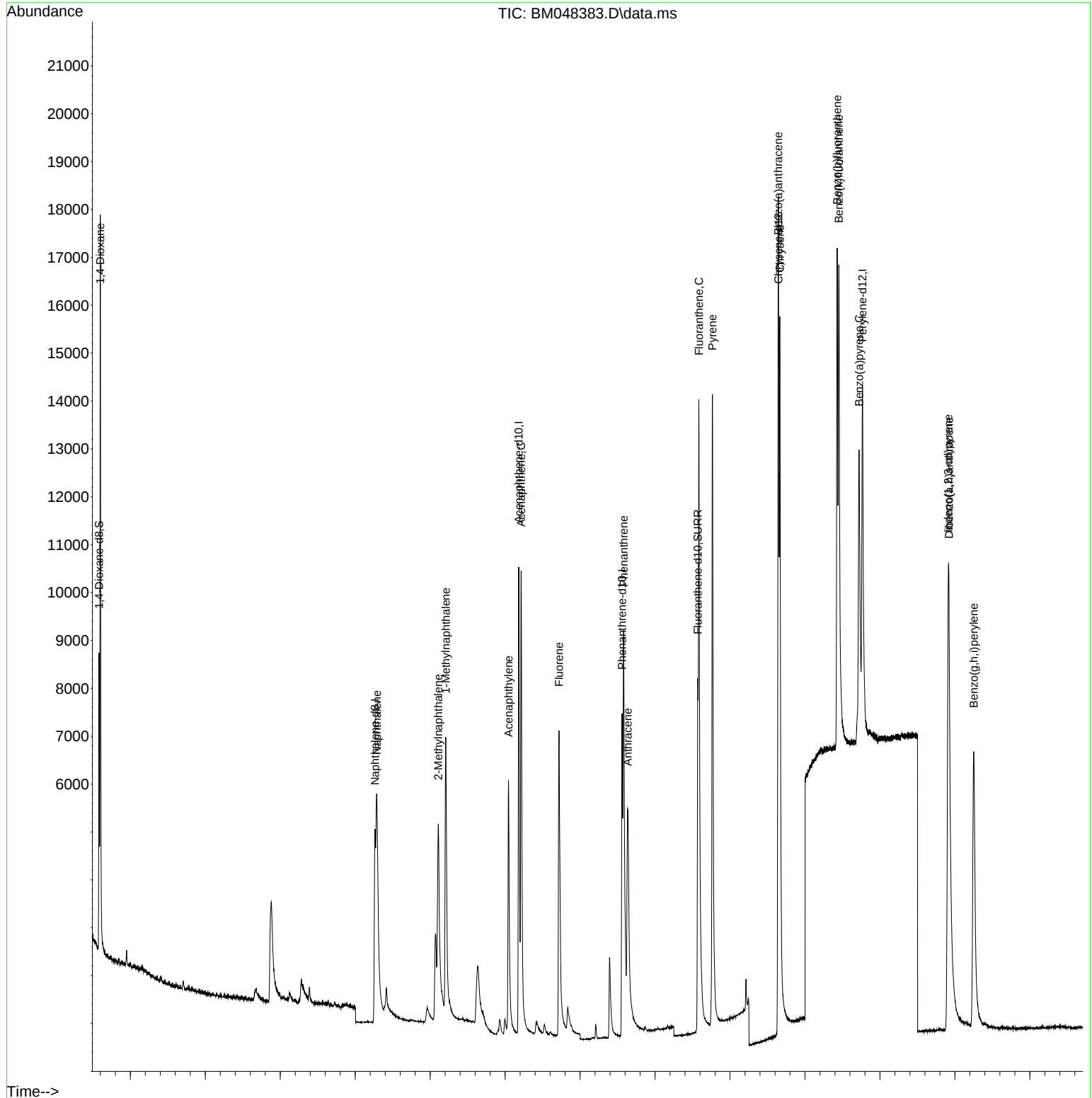
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	3892	0.400	ng/ul	0.01
4) Naphthalene-d8	10.528	136	13553	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.362	164	7971	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.119	188	16564	0.400	ng/ul	0.00
17) Chrysene-d12	21.292	240	13527	0.400	ng/ul	0.00
23) Perylene-d12	23.534	264	13752	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	3767	0.788	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.140	152	6232	0.361	ng/ul	0.00
18) Fluoranthene-d10	19.140	212	13681	0.398	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.198	88	9519	1.835	ng/ul#	83
5) Naphthalene	10.578	128	11783	0.333	ng/ul	99
7) 2-Methylnaphthalene	12.217	142	6848	0.325	ng/ul	100
8) 1-Methylnaphthalene	12.415	142	7693	0.343	ng/ul	98
10) Acenaphthylene	14.089	152	10311	0.335	ng/ul	99
11) Acenaphthene	14.427	153	8317	0.337	ng/ul	100
12) Fluorene	15.435	166	8916	0.325	ng/ul	98
14) Pentachlorophenol	16.785	266	2435	0.528	ng/ul	95
15) Phenanthrene	17.161	178	13013	0.316	ng/ul	99
16) Anthracene	17.271	178	12061	0.313	ng/ul	98
19) Fluoranthene	19.168	202	17421	0.374	ng/ul	99
20) Pyrene	19.531	202	18623	0.372	ng/ul	100
21) Benzo(a)anthracene	21.283	228	14331	0.354	ng/ul	100
22) Chrysene	21.327	228	20100	0.360	ng/ul	100
24) Benzo(b)fluoranthene	22.859	252	15961	0.340	ng/ul	100
25) Benzo(k)fluoranthene	22.905	252	20226	0.363	ng/ul	99
26) Benzo(a)pyrene	23.440	252	15323	0.347	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.823	276	21006	0.340	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.840	278	16492	0.343	ng/ul	100
29) Benzo(g,h,i)perylene	26.504	276	17826	0.343	ng/ul	100

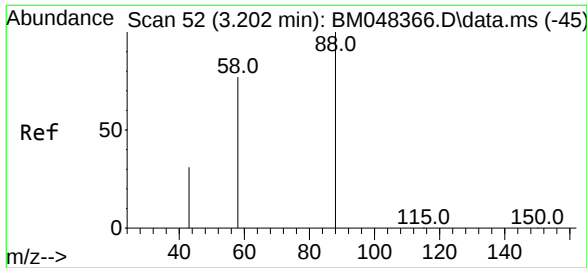
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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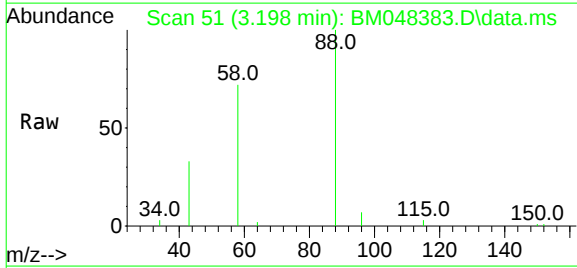
Quant Time: Nov 03 07:05:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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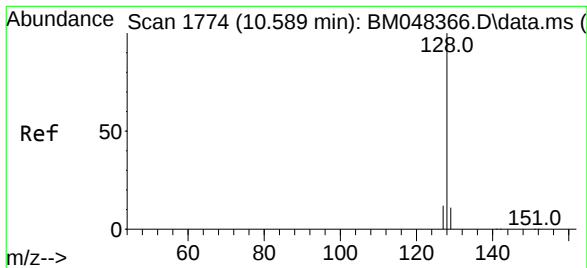
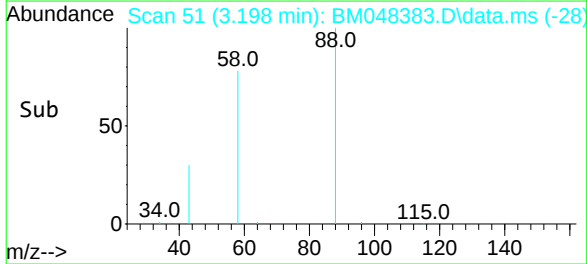
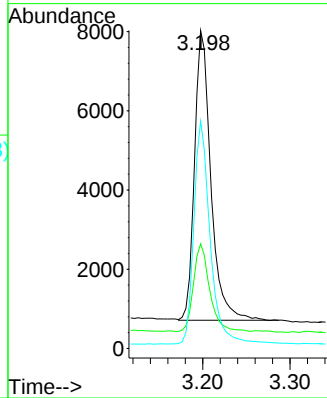


#2
1,4-Dioxane
Concen: 1.835 ng/ul
RT: 3.198 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM048383.D
Acq: 01 Nov 2024 07:07

Instrument :
BNA_M
ClientSampleId :
SLCS507

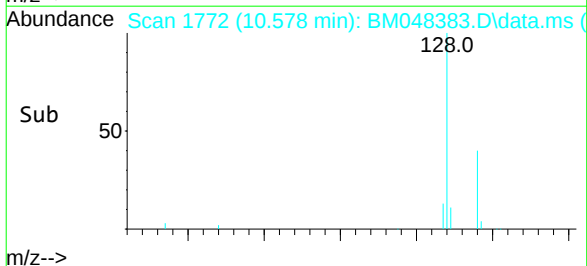
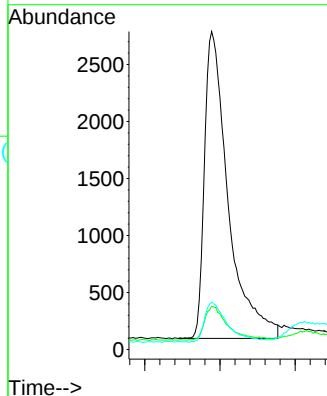
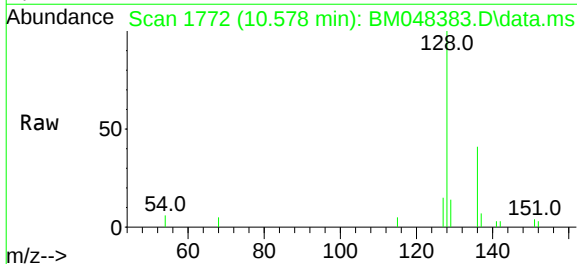


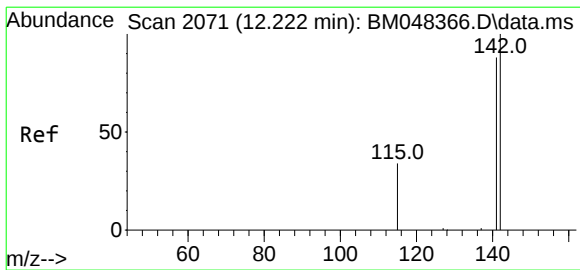
Tgt Ion: 88 Resp: 9519
Ion Ratio Lower Upper
88 100
43 32.9 36.2 54.4#
58 71.5 47.4 71.0#



#5
Naphthalene
Concen: 0.333 ng/ul
RT: 10.578 min Scan# 1772
Delta R.T. -0.001 min
Lab File: BM048383.D
Acq: 01 Nov 2024 07:07

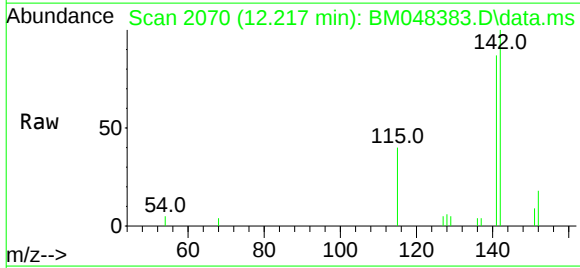
Tgt Ion: 128 Resp: 11783
Ion Ratio Lower Upper
128 100
129 13.6 10.6 15.8
127 14.9 11.4 17.2



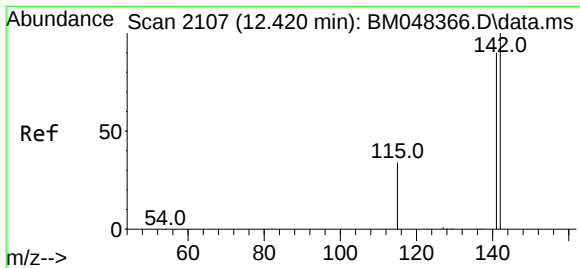
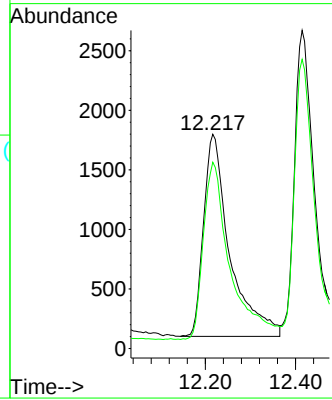
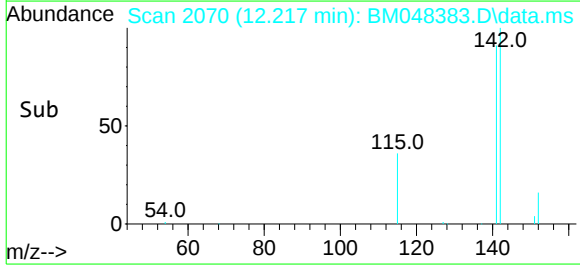


#7
2-Methylnaphthalene
Concen: 0.325 ng/ul
RT: 12.217 min Scan# 2071
Delta R.T. 0.004 min
Lab File: BM048383.D
Acq: 01 Nov 2024 07:07

Instrument :
BNA_M
ClientSampleId :
SLCS507

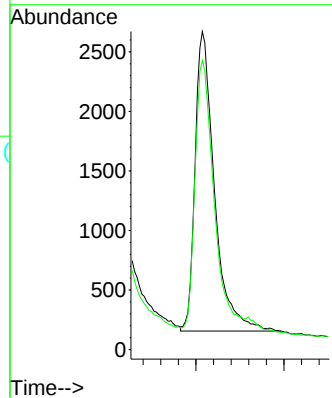
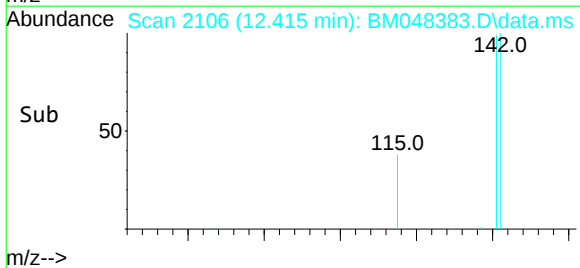
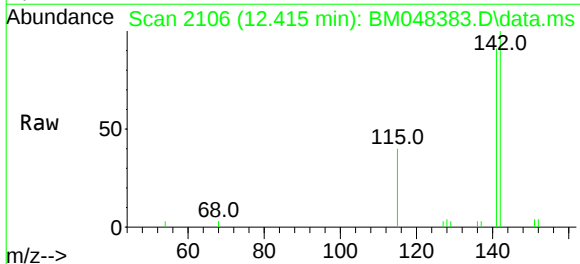


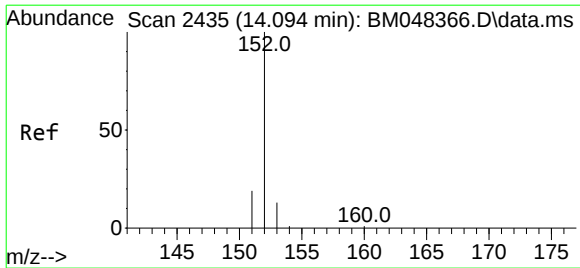
Tgt Ion:142 Resp: 6848
Ion Ratio Lower Upper
142 100
141 89.9 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.415 min Scan# 2106
Delta R.T. -0.001 min
Lab File: BM048383.D
Acq: 01 Nov 2024 07:07

Tgt Ion:142 Resp: 7693
Ion Ratio Lower Upper
142 100
141 92.7 75.5 113.3





#10

Acenaphthylene

Concen: 0.335 ng/ul

RT: 14.089 min Scan# 2435

Delta R.T. -0.001 min

Lab File: BM048383.D

Acq: 01 Nov 2024 07:07

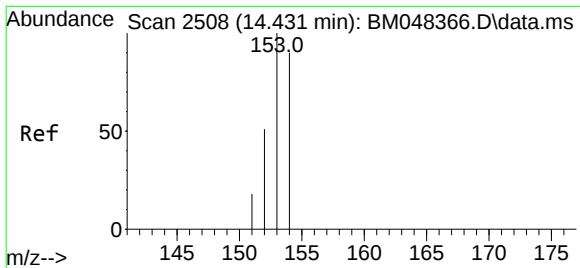
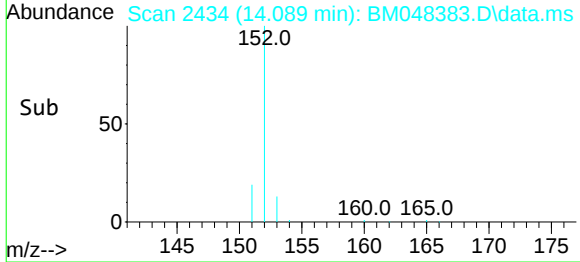
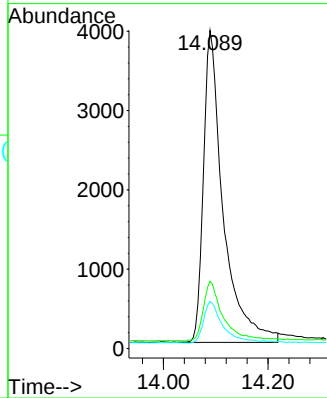
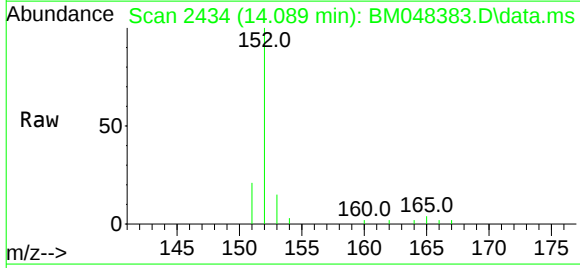
Instrument :

BNA_M

ClientSampleId :

SLCS507

Tgt Ion:	152	Resp:	10311
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.6	24.8
153	14.8	11.8	17.6



#11

Acenaphthene

Concen: 0.337 ng/ul

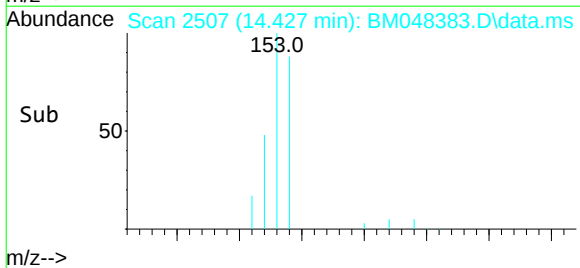
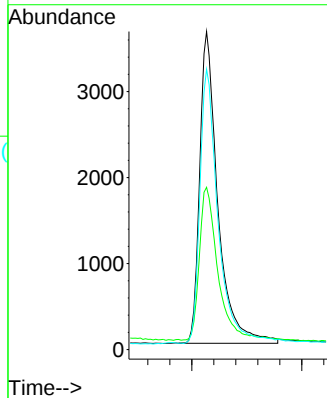
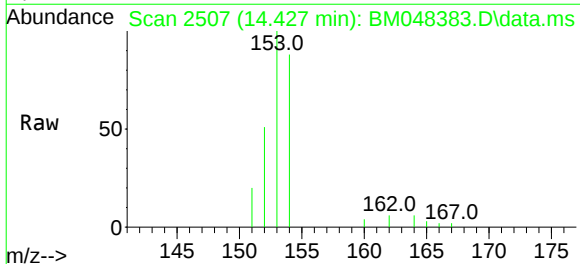
RT: 14.427 min Scan# 2507

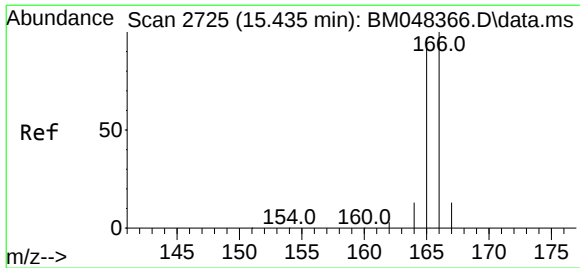
Delta R.T. -0.001 min

Lab File: BM048383.D

Acq: 01 Nov 2024 07:07

Tgt Ion:	153	Resp:	8317
Ion Ratio	Lower	Upper	
153	100		
152	51.0	40.7	61.1
154	88.2	70.6	106.0

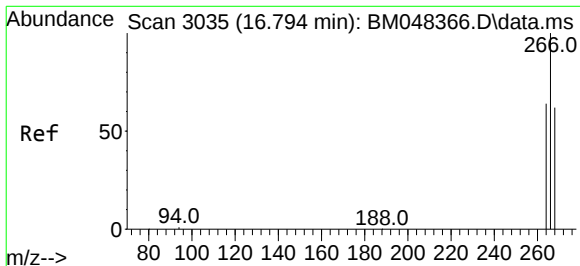
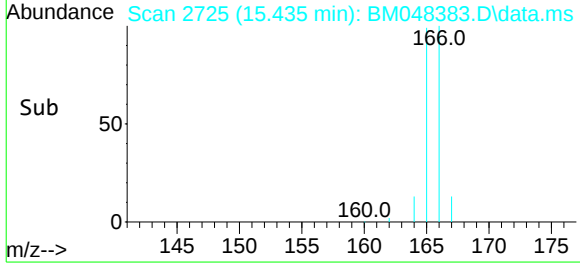
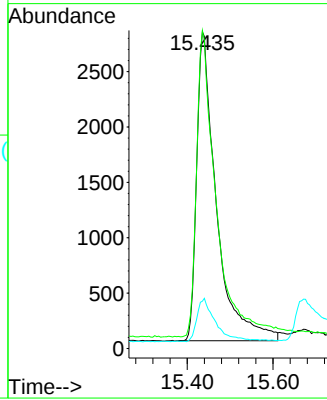
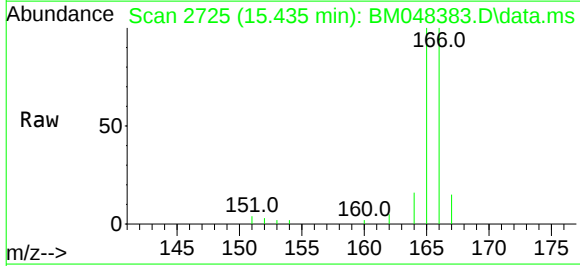




#12
 Fluorene
 Concen: 0.325 ng/u1
 RT: 15.435 min Scan# 27
 Delta R.T. 0.003 min
 Lab File: BM048383.D
 Acq: 01 Nov 2024 07:07

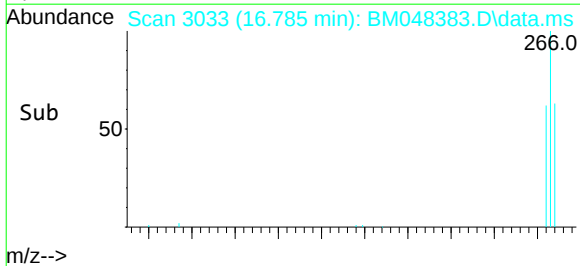
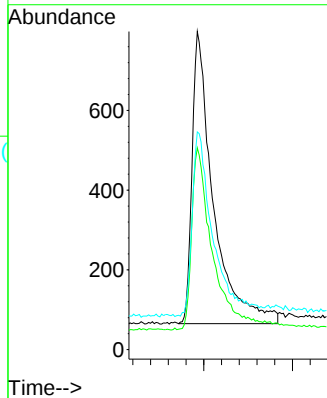
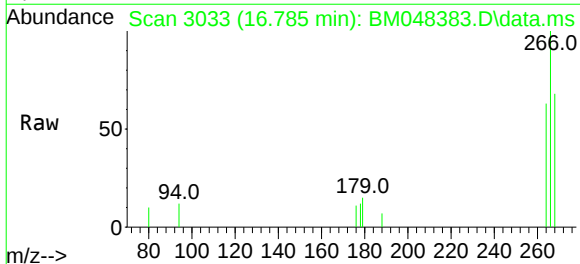
Instrument :
 BNA_M
 ClientSampleId :
 SLCS507

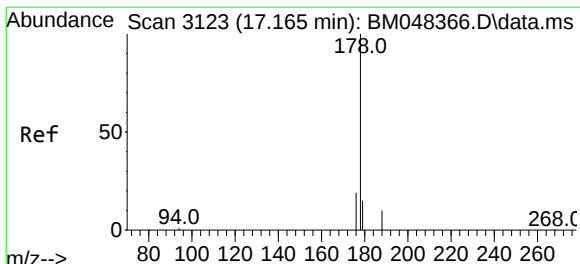
Tgt Ion:	166	Resp:	8916
Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.6	118.0
167	14.9	12.1	18.1



#14
 Pentachlorophenol
 Concen: 0.528 ng/u1
 RT: 16.785 min Scan# 3033
 Delta R.T. -0.001 min
 Lab File: BM048383.D
 Acq: 01 Nov 2024 07:07

Tgt Ion:	266	Resp:	2435
Ion	Ratio	Lower	Upper
266	100		
264	61.4	48.3	72.5
268	63.9	46.2	69.4

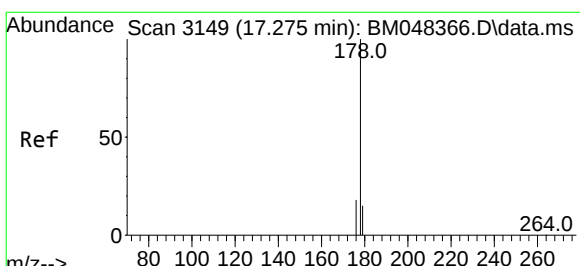
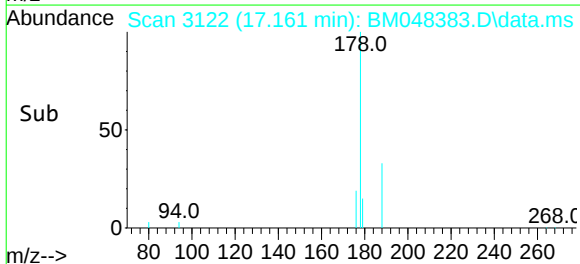
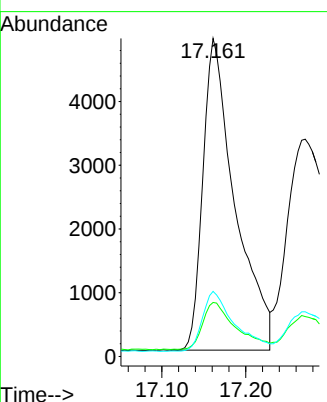
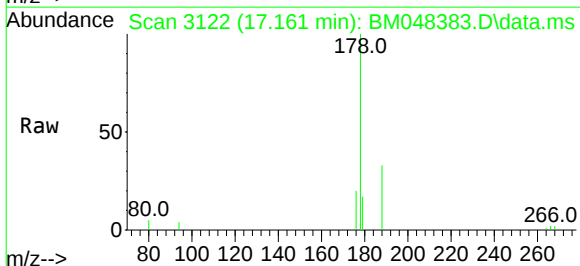




#15
 Phenanthrene
 Concen: 0.316 ng/ul
 RT: 17.161 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: BM048383.D
 Acq: 01 Nov 2024 07:07

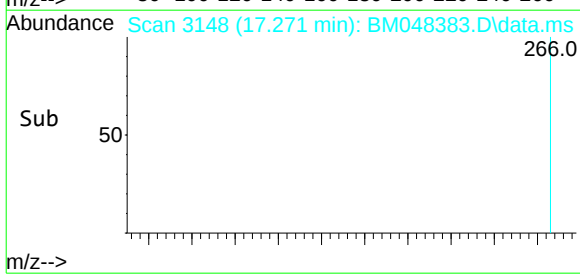
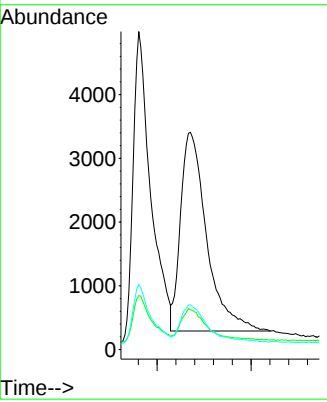
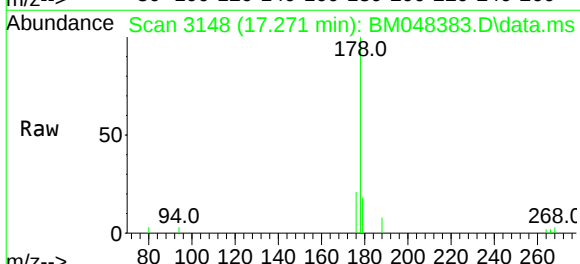
Instrument :
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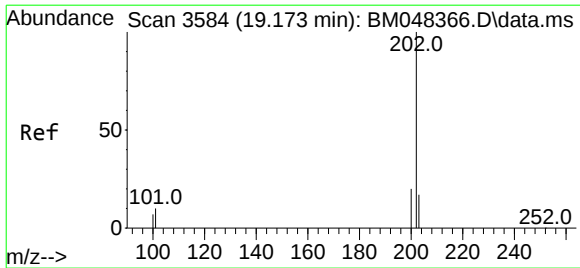
Tgt Ion:178	Resp:	13013
Ion Ratio	Lower	Upper
178	100	
179	17.0	13.9 20.9
176	20.5	16.0 24.0



#16
 Anthracene
 Concen: 0.313 ng/ul
 RT: 17.271 min Scan# 3148
 Delta R.T. 0.011 min
 Lab File: BM048383.D
 Acq: 01 Nov 2024 07:07

Tgt Ion:178	Resp:	12061
Ion Ratio	Lower	Upper
178	100	
179	18.4	14.2 21.2
176	20.6	15.8 23.6

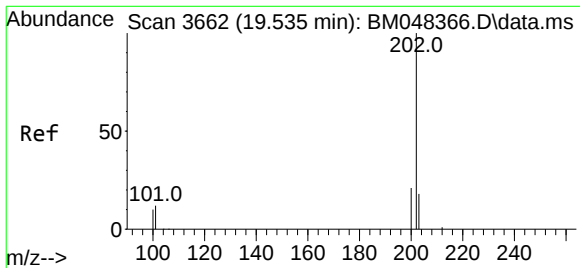
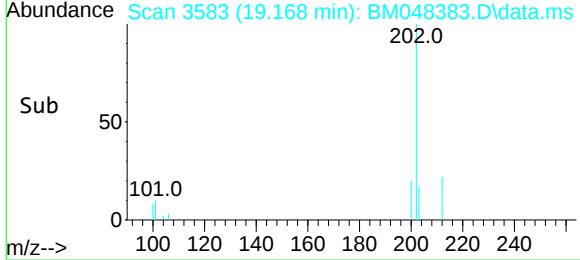
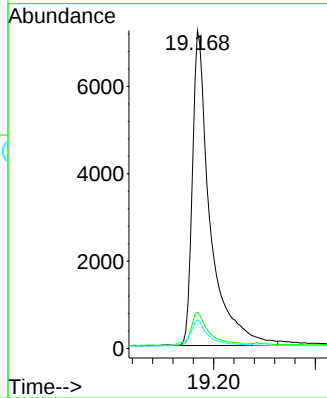
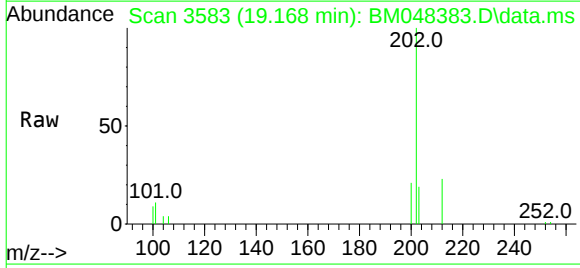




#19
Fluoranthene
Concen: 0.374 ng/u1
RT: 19.168 min Scan# 3584
Delta R.T. -0.001 min
Lab File: BM048383.D
Acq: 01 Nov 2024 07:07

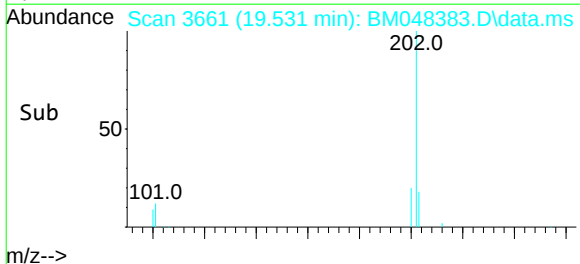
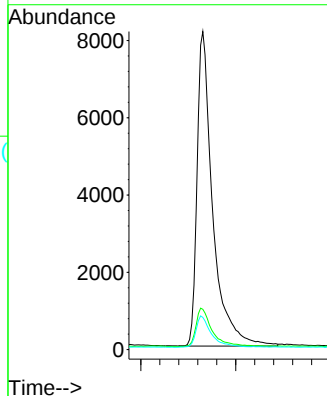
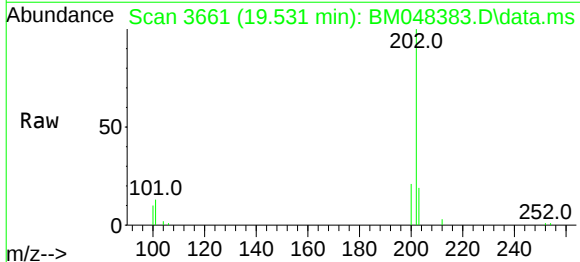
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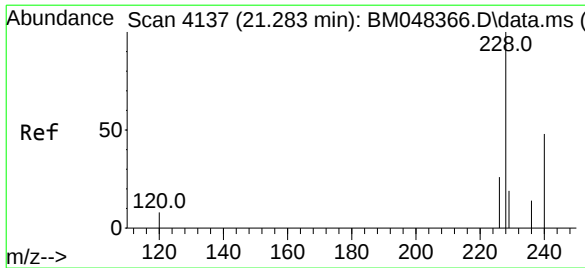
Tgt	Ion	202	Resp:	17421
Ion	Ratio	Lower	Upper	
202	100			
101	11.4	9.0	13.4	
100	9.1	6.6	10.0	



#20
Pyrene
Concen: 0.372 ng/u1
RT: 19.531 min Scan# 3661
Delta R.T. -0.001 min
Lab File: BM048383.D
Acq: 01 Nov 2024 07:07

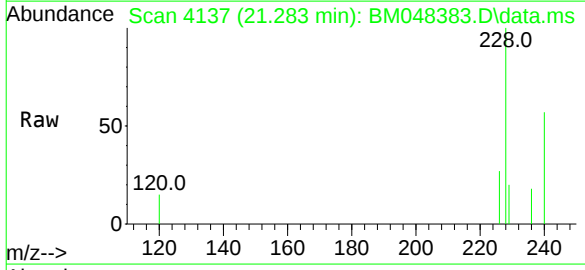
Tgt	Ion	202	Resp:	18623
Ion	Ratio	Lower	Upper	
202	100			
101	12.7	10.0	15.0	
100	10.1	8.0	12.0	



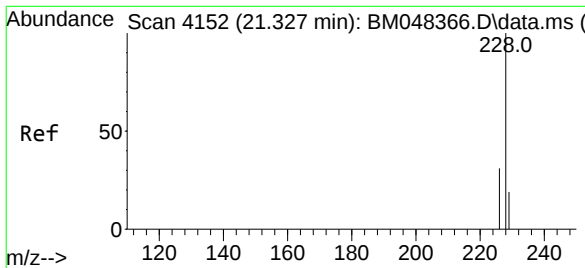
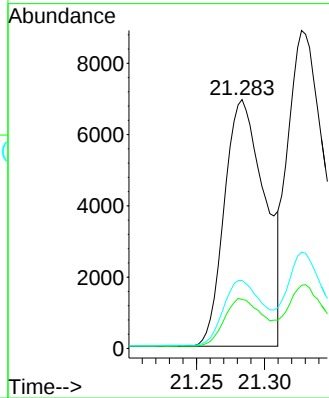
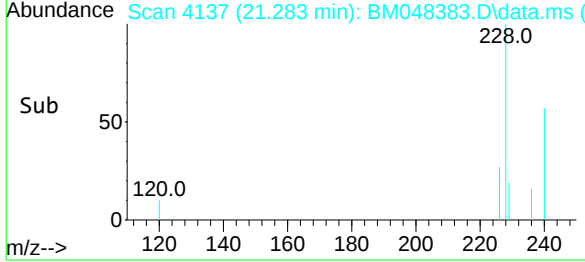


#21
Benzo(a)anthracene
Concen: 0.354 ng/u1
RT: 21.283 min Scan# 4137
Delta R.T. 0.003 min
Lab File: BM048383.D
Acq: 01 Nov 2024 07:07

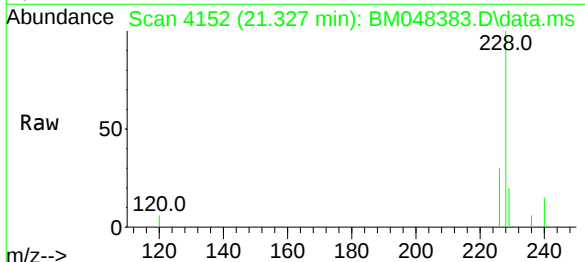
Instrument :
BNA_M
ClientSampleId :
SLCS507



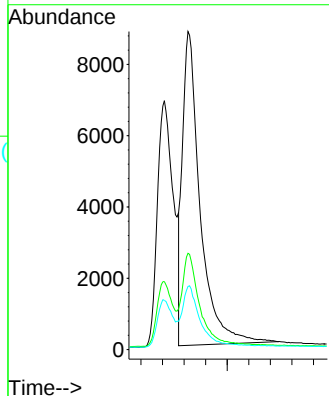
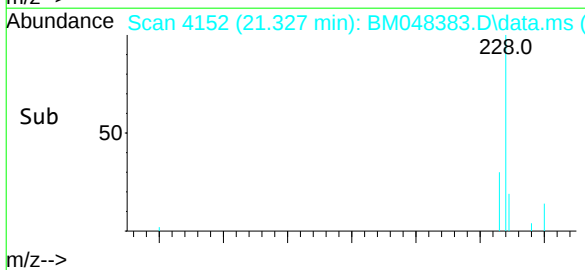
Tgt Ion:	228	Resp:	14331
Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.9	23.9
226	27.3	22.1	33.1

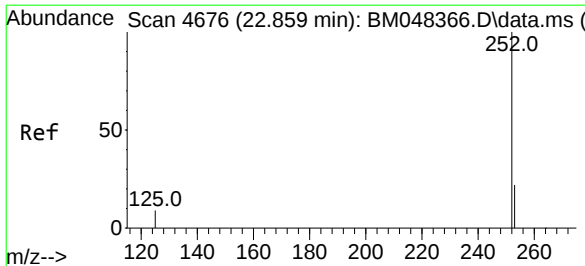


#22
Chrysene
Concen: 0.360 ng/u1
RT: 21.327 min Scan# 4152
Delta R.T. 0.000 min
Lab File: BM048383.D
Acq: 01 Nov 2024 07:07



Tgt Ion:	228	Resp:	20100
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	19.8	15.9	23.9





#24

Benzo(b)fluoranthene

Concen: 0.340 ng/u1

RT: 22.859 min Scan# 4676

Delta R.T. -0.002 min

Lab File: BM048383.D

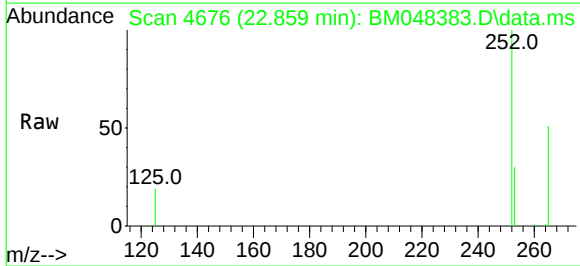
Acq: 01 Nov 2024 07:07

Instrument :

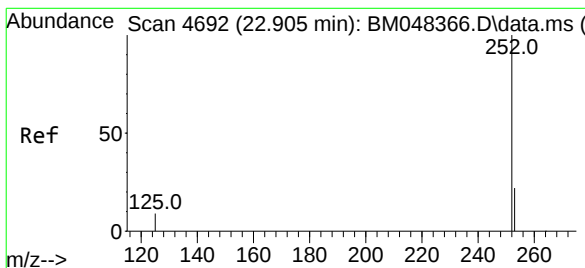
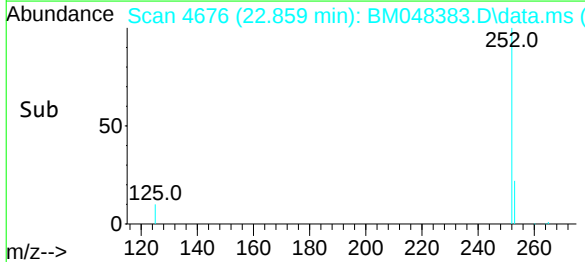
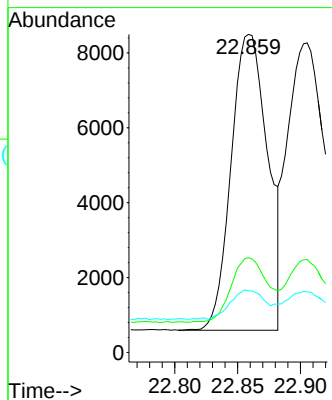
BNA_M

ClientSampleId :

SLCS507



Tgt Ion:	252	Resp:	15961
Ion Ratio	Lower	Upper	
252	100		
253	29.8	0.0	59.4
125	19.4	0.0	38.0



#25

Benzo(k)fluoranthene

Concen: 0.363 ng/u1

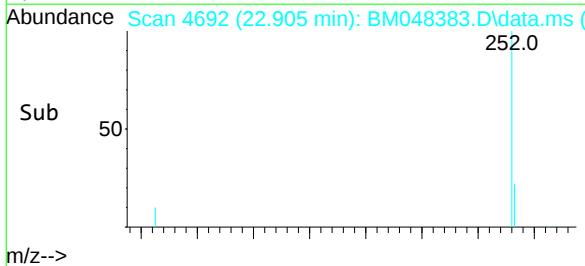
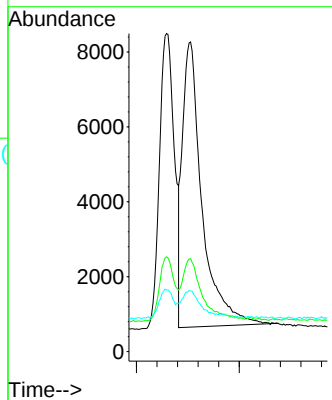
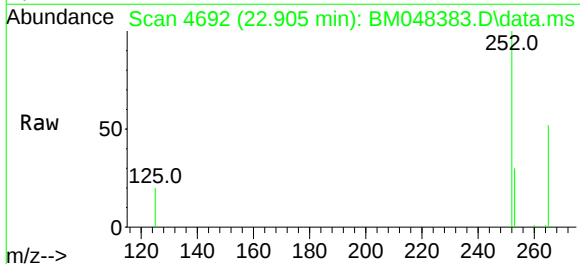
RT: 22.905 min Scan# 4692

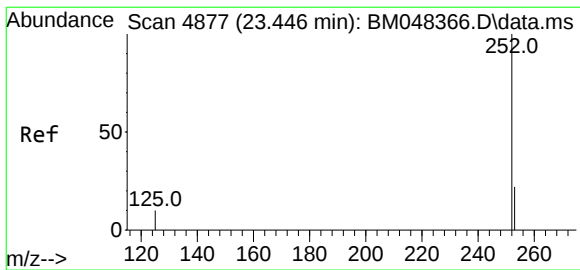
Delta R.T. 0.000 min

Lab File: BM048383.D

Acq: 01 Nov 2024 07:07

Tgt Ion:	252	Resp:	20226
Ion Ratio	Lower	Upper	
252	100		
253	30.0	23.4	35.0
125	19.5	15.3	22.9





#26

Benzo(a)pyrene

Concen: 0.347 ng/ul

RT: 23.440 min Scan# 48

Delta R.T. 0.000 min

Lab File: BM048383.D

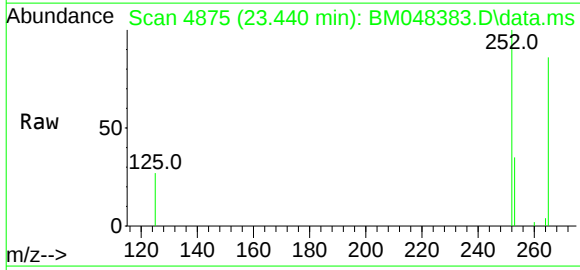
Acq: 01 Nov 2024 07:07

Instrument :

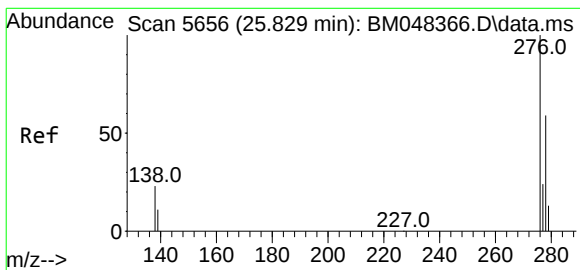
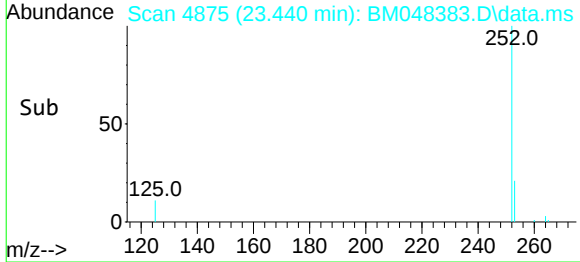
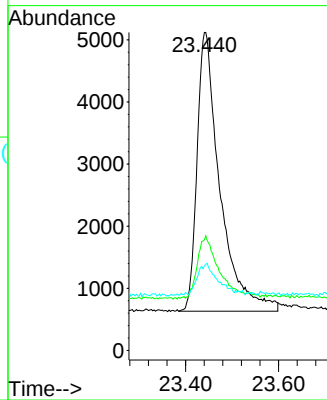
BNA_M

ClientSampleId :

SLCS507



Tgt Ion:	252	Resp:	15323
Ion Ratio	Lower	Upper	
252	100		
253	34.8	27.7	41.5
125	26.6	21.1	31.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.340 ng/ul

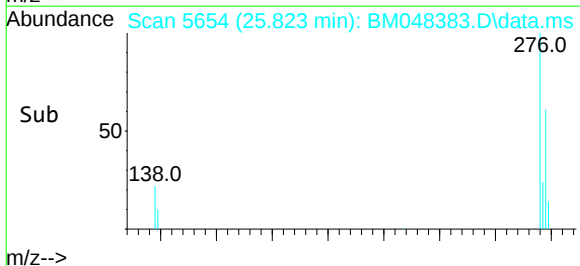
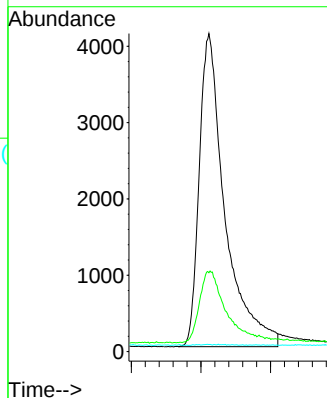
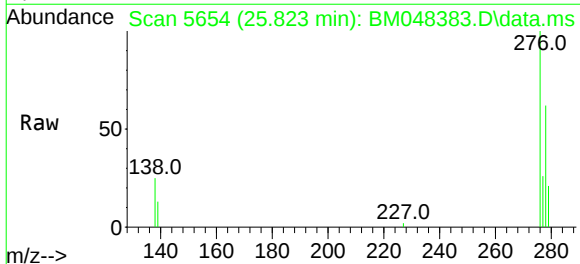
RT: 25.823 min Scan# 5654

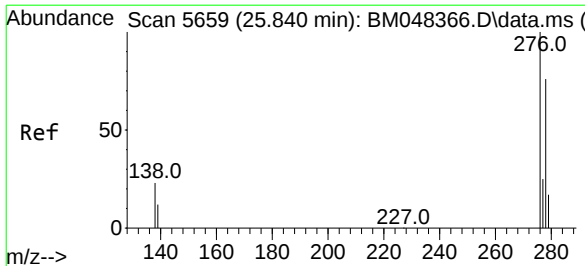
Delta R.T. 0.011 min

Lab File: BM048383.D

Acq: 01 Nov 2024 07:07

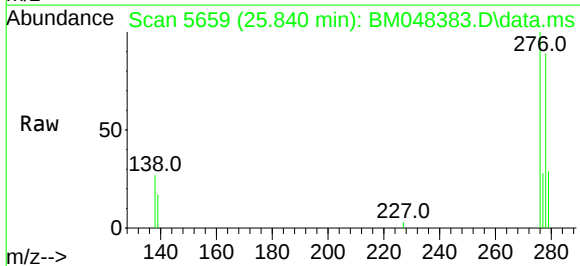
Tgt Ion:	276	Resp:	21006
Ion Ratio	Lower	Upper	
276	100		
138	24.3	19.6	29.4
227	0.1	0.1	0.1#



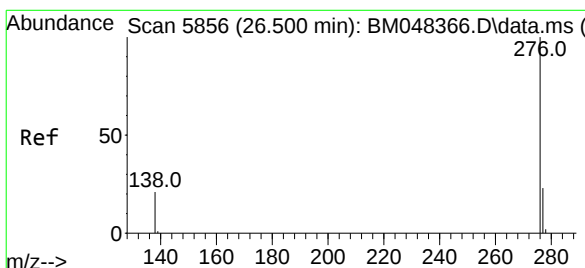
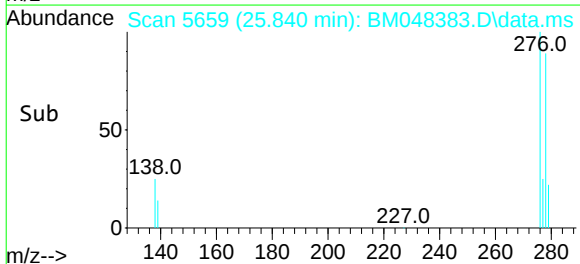
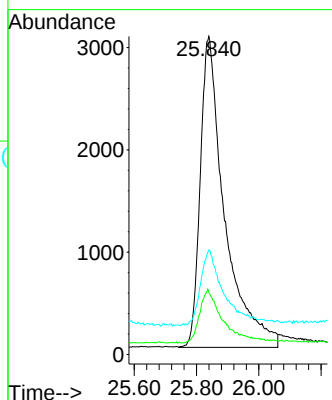


#28
Dibenzo(a,h)anthracene
Concen: 0.343 ng/ul
RT: 25.840 min Scan# 5659
Delta R.T. 0.004 min
Lab File: BM048383.D
Acq: 01 Nov 2024 07:07

Instrument :
BNA_M
ClientSampleId :
SLCS507



Tgt Ion:	278	Resp:	16492
Ion	Ratio	Lower	Upper
278	100		
139	19.4	15.6	23.4
279	32.9	26.4	39.6



#29
Benzo(g,h,i)perylene
Concen: 0.343 ng/ul
RT: 26.504 min Scan# 5857
Delta R.T. 0.004 min
Lab File: BM048383.D
Acq: 01 Nov 2024 07:07

Tgt Ion:	276	Resp:	17826
Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.0	28.6
277	25.6	20.6	31.0

