

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121024\
 Data File : BM048946.D
 Acq On : 11 Dec 2024 05:22
 Operator : RC/JU
 Sample : PB165509BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS509

Quant Time: Dec 11 05:58:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 17:52:26 2024
 Response via : Initial Calibration

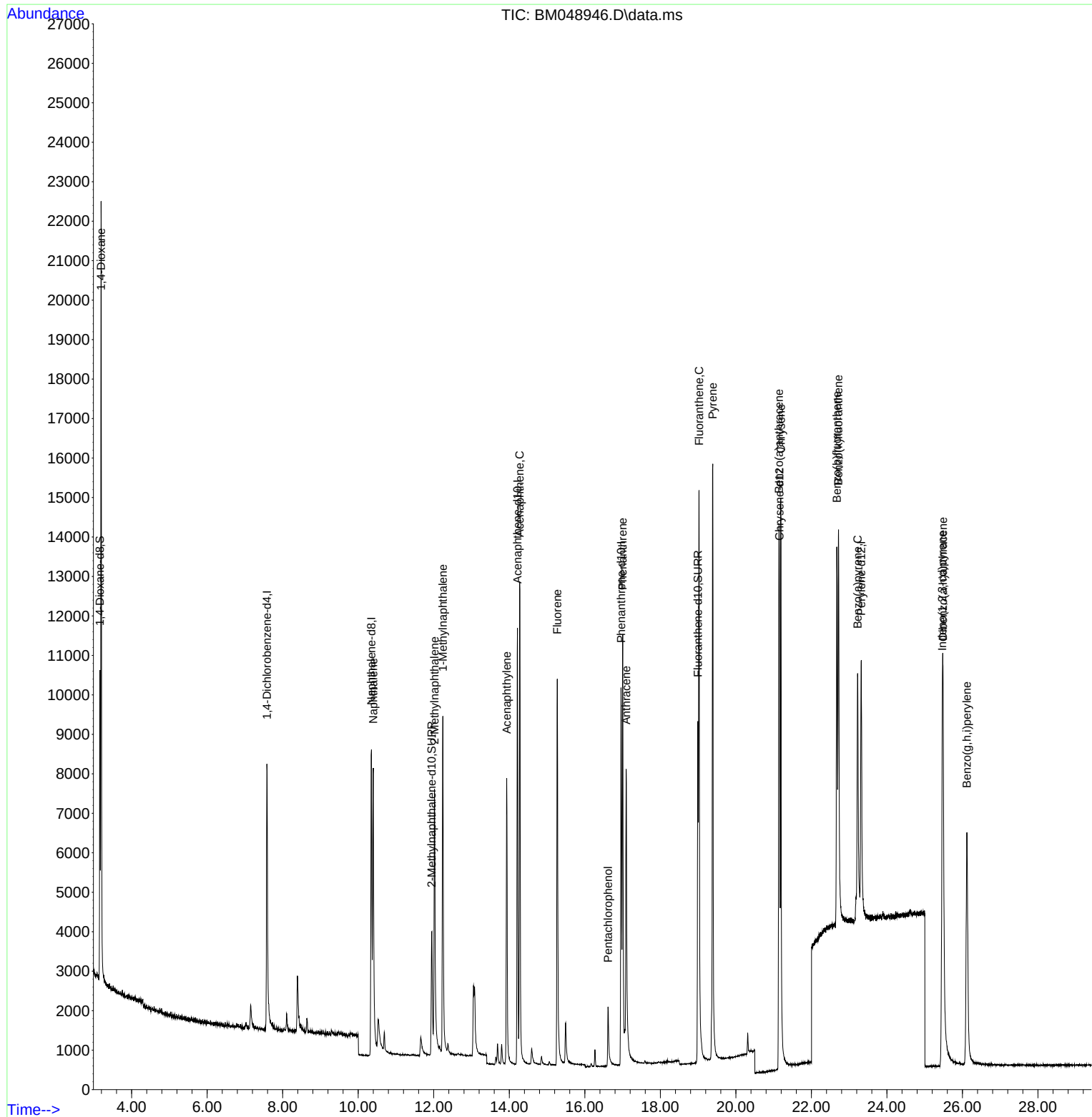
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	4752	0.400	ng/ul	0.00
4) Naphthalene-d8	10.348	136	12824	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.215	164	6520	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.960	188	12841	0.400	ng/ul	0.00
17) Chrysene-d12	21.154	240	9143	0.400	ng/ul	0.00
23) Perylene-d12	23.320	264	9557	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	4241	0.764	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.943	152	6144	0.376	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	11257	0.412	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	11957	1.860	ng/ul#	81
5) Naphthalene	10.397	128	11992	0.365	ng/ul	99
7) 2-Methylnaphthalene	12.020	142	6845	0.341	ng/ul	100
8) 1-Methylnaphthalene	12.240	142	7054	0.345	ng/ul	100
10) Acenaphthylene	13.933	152	9722	0.353	ng/ul	100
11) Acenaphthene	14.275	153	7514	0.360	ng/ul	99
12) Fluorene	15.270	166	8257	0.357	ng/ul	98
14) Pentachlorophenol	16.618	266	1570	0.594	ng/ul	93
15) Phenanthrene	17.002	178	12770	0.363	ng/ul	99
16) Anthracene	17.095	178	10933	0.348	ng/ul	98
19) Fluoranthene	19.025	202	14315	0.378	ng/ul	99
20) Pyrene	19.388	202	14661	0.359	ng/ul	98
21) Benzo(a)anthracene	21.140	228	10792	0.335	ng/ul	99
22) Chrysene	21.189	228	14283	0.392	ng/ul	99
24) Benzo(b)fluoranthene	22.674	252	12791	0.387	ng/ul	100
25) Benzo(k)fluoranthene	22.718	252	14629	0.383	ng/ul	98
26) Benzo(a)pyrene	23.223	252	11083	0.363	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.467	276	15804	0.368	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.487	278	12143	0.364	ng/ul	98
29) Benzo(g,h,i)perylene	26.117	276	13180	0.382	ng/ul	99

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

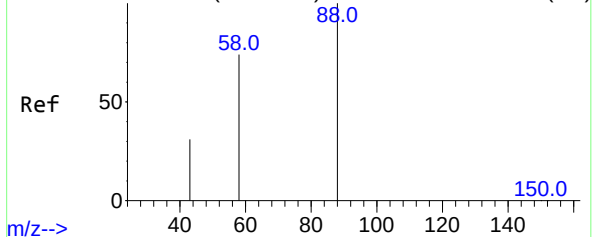
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121024\
Data File : BM048946.D
Acq On : 11 Dec 2024 05:22
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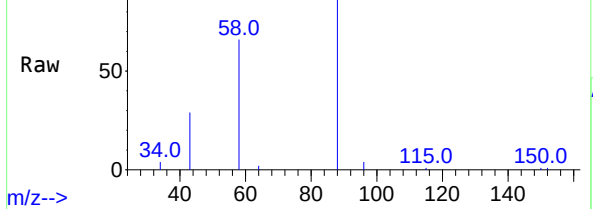


Abundance Scan 50 (3.193 min): BM048931.D\data.ms (-42)



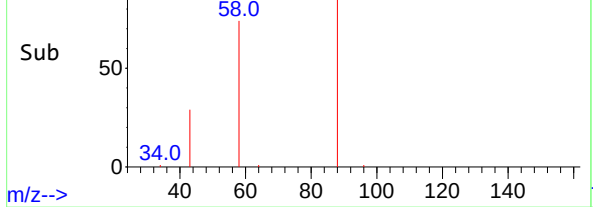
m/z-->

Abundance Scan 50 (3.193 min): BM048946.D\data.ms



m/z-->

Abundance Scan 50 (3.193 min): BM048946.D\data.ms (-26)



m/z-->

#2

1,4-Dioxane

Concen: 1.860 ng/ul

RT: 3.193 min Scan# 50

Delta R.T. -0.000 min

Lab File: BM048946.D

Acq: 11 Dec 2024 05:22

Instrument :

BNA_M

ClientSampleId :

SLCS509

Tgt Ion: 88 Resp: 11957

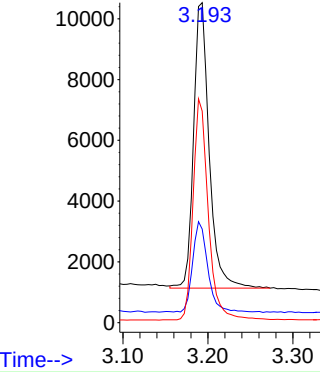
Ion Ratio Lower Upper

88 100

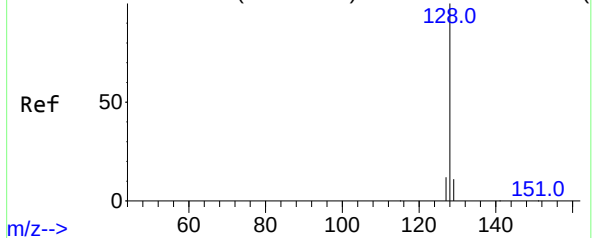
43 29.2 32.3 48.5#

58 66.1 42.0 63.0#

Abundance

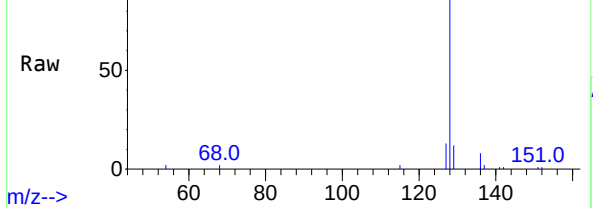


Abundance Scan 1739 (10.397 min): BM048931.D\data.ms (-)



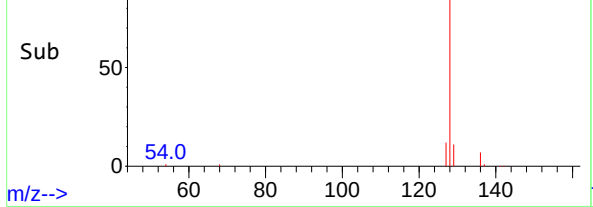
m/z-->

Abundance Scan 1739 (10.397 min): BM048946.D\data.ms



m/z-->

Abundance Scan 1739 (10.397 min): BM048946.D\data.ms (-)



m/z-->

#5

Naphthalene

Concen: 0.365 ng/ul

RT: 10.397 min Scan# 1739

Delta R.T. -0.004 min

Lab File: BM048946.D

Acq: 11 Dec 2024 05:22

Tgt Ion:128 Resp: 11992

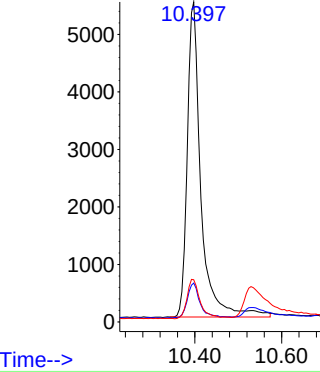
Ion Ratio Lower Upper

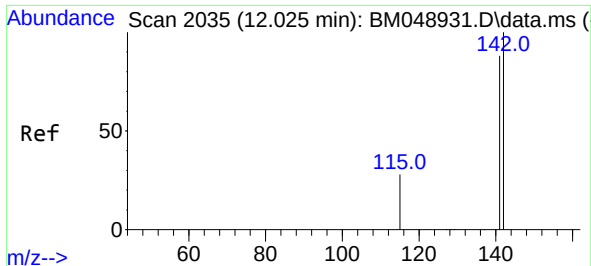
128 100

129 12.2 9.4 14.2

127 13.2 10.6 16.0

Abundance

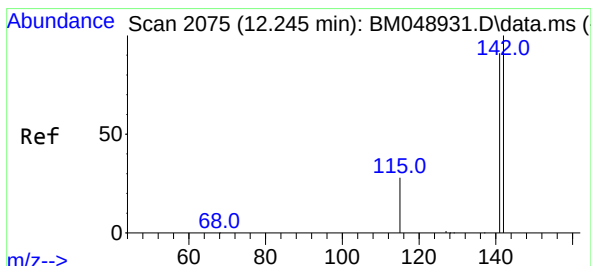
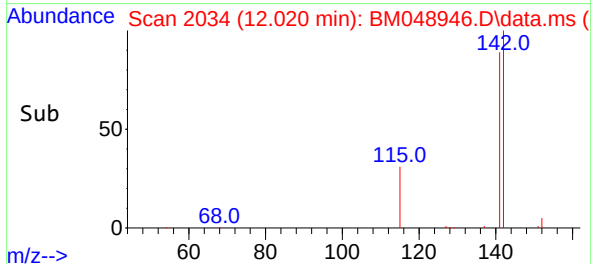
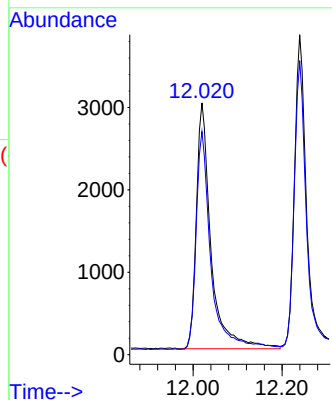
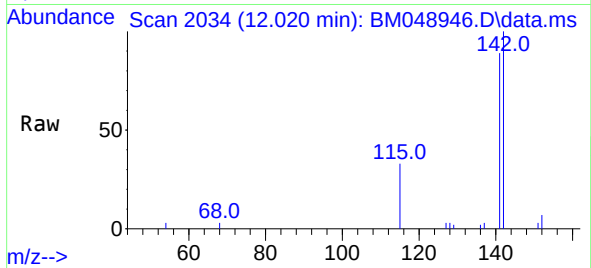




#7
2-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.020 min Scan# 2034
Delta R.T. -0.004 min
Lab File: BM048946.D
Acq: 11 Dec 2024 05:22

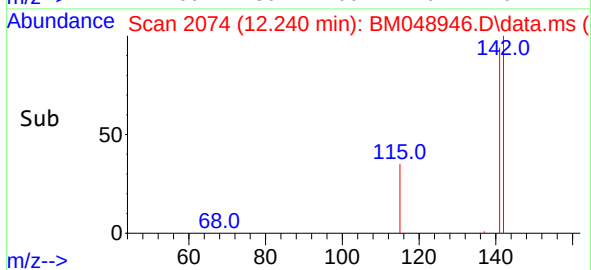
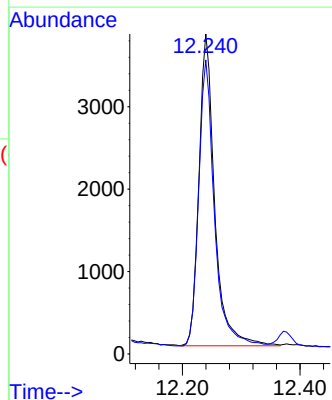
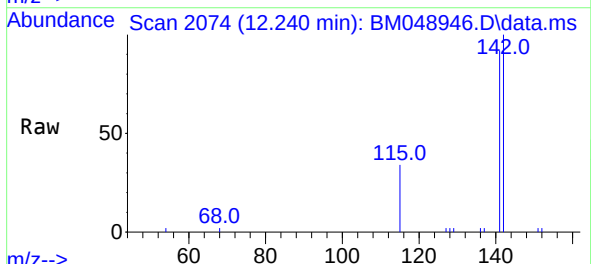
Instrument :
BNA_M
ClientSampleId :
SLCS509

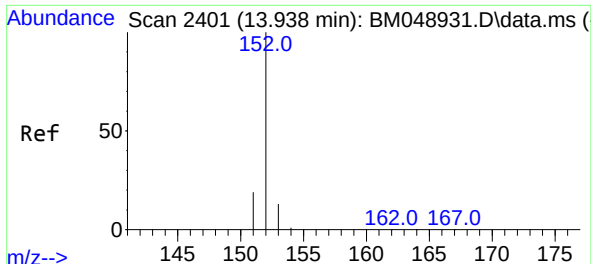
Tgt Ion:142 Resp: 6845
Ion Ratio Lower Upper
142 100
141 89.4 71.2 106.8



#8
1-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.240 min Scan# 2074
Delta R.T. -0.004 min
Lab File: BM048946.D
Acq: 11 Dec 2024 05:22

Tgt Ion:142 Resp: 7054
Ion Ratio Lower Upper
142 100
141 91.4 72.8 109.2

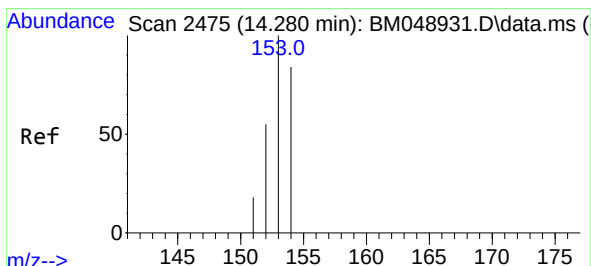
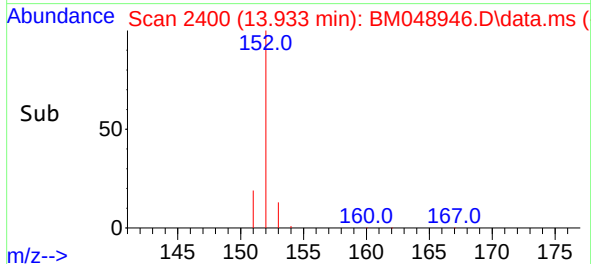
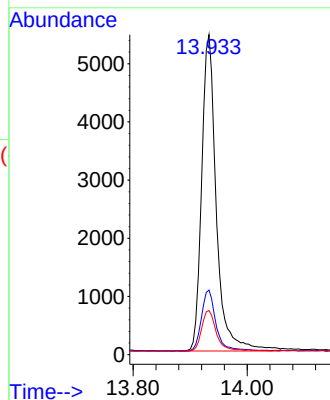
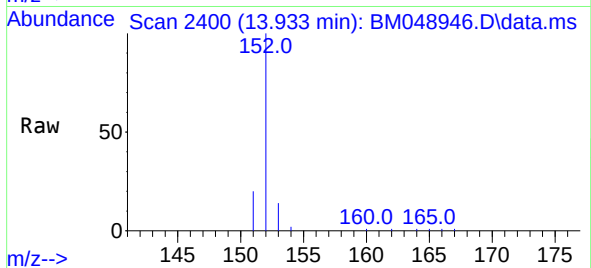




#10
Acenaphthylene
Concen: 0.353 ng/u1
RT: 13.933 min Scan# 2400
Delta R.T. -0.003 min
Lab File: BM048946.D
Acq: 11 Dec 2024 05:22

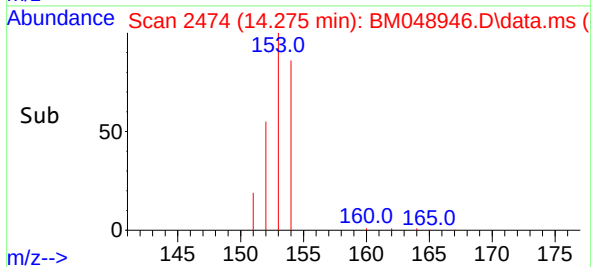
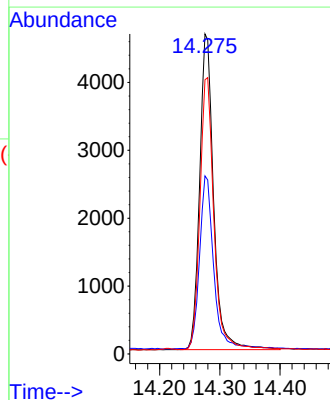
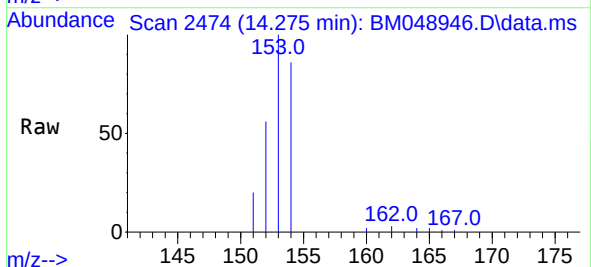
Instrument :
BNA_M
ClientSampleId :
SLCS509

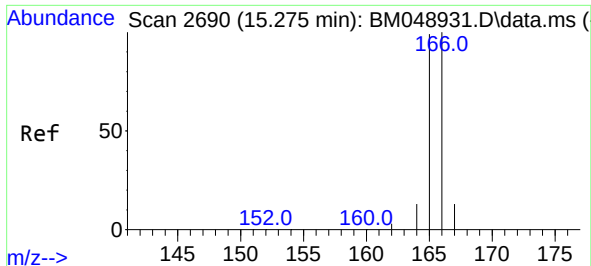
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.8	11.2	16.8



#11
Acenaphthene
Concen: 0.360 ng/u1
RT: 14.275 min Scan# 2474
Delta R.T. -0.008 min
Lab File: BM048946.D
Acq: 11 Dec 2024 05:22

Tgt Ion	Ratio	Lower	Upper
153	100		
152	55.6	43.5	65.3
154	85.7	69.5	104.3

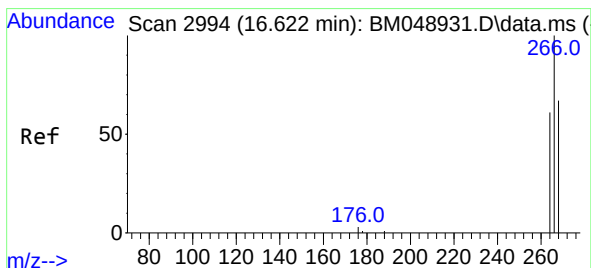
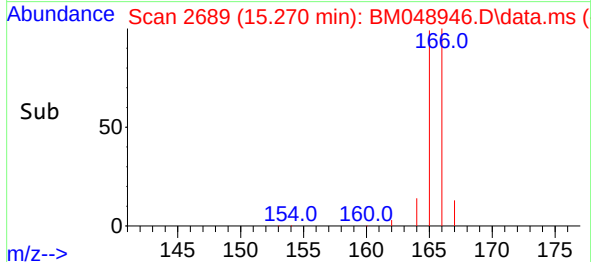
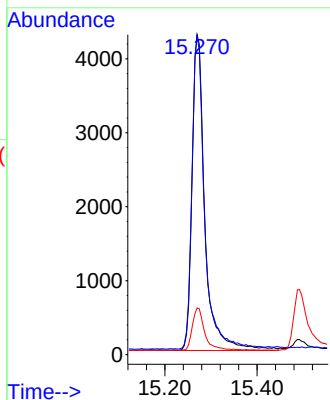
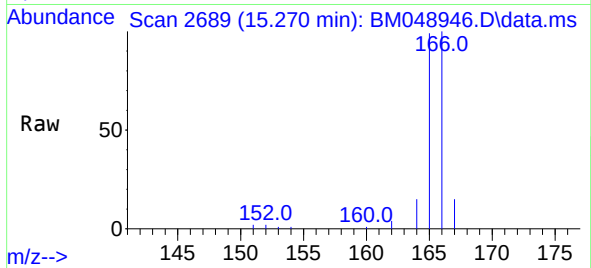




#12
Fluorene
Concen: 0.357 ng/ul
RT: 15.270 min Scan# 2093
Delta R.T. -0.008 min
Lab File: BM048946.D
Acq: 11 Dec 2024 05:22

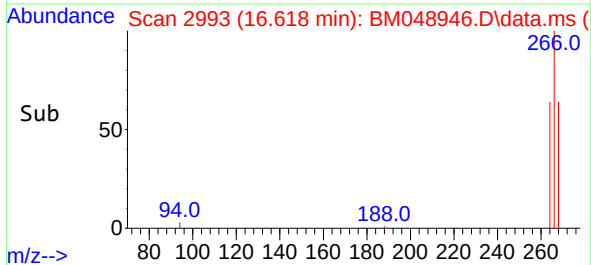
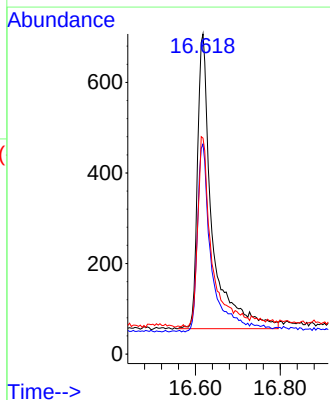
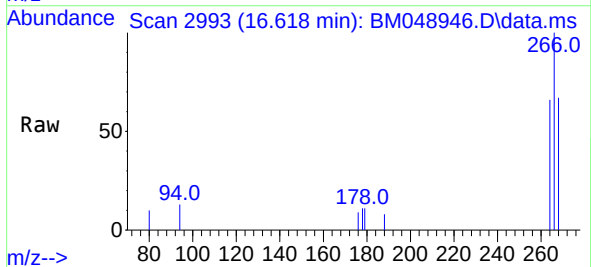
Instrument :
BNA_M
ClientSampleId :
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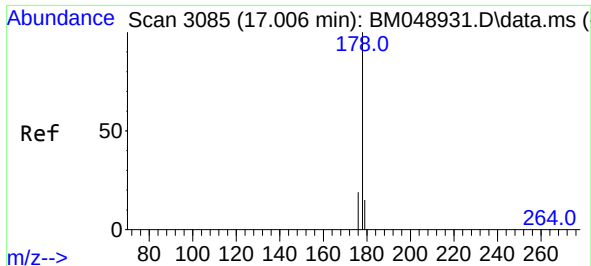
Tgt Ion:166 Resp: 8257
Ion Ratio Lower Upper
166 100
165 99.5 78.1 117.1
167 14.6 11.6 17.4



#14
Pentachlorophenol
Concen: 0.594 ng/ul
RT: 16.618 min Scan# 2993
Delta R.T. -0.007 min
Lab File: BM048946.D
Acq: 11 Dec 2024 05:22

Tgt Ion:266 Resp: 1570
Ion Ratio Lower Upper
266 100
264 62.7 47.9 71.9
268 61.4 55.0 82.6

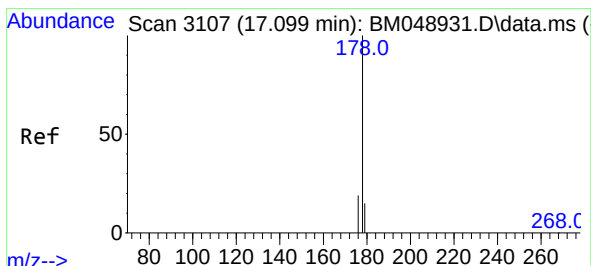
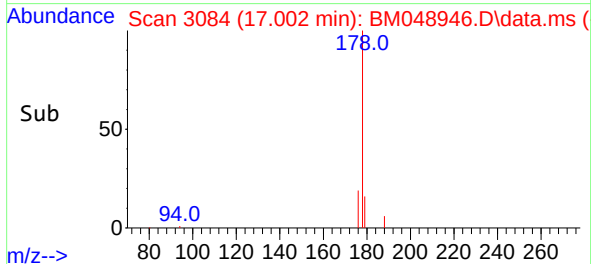
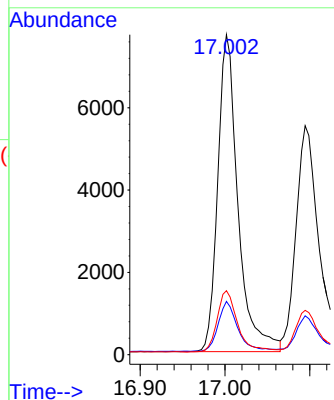
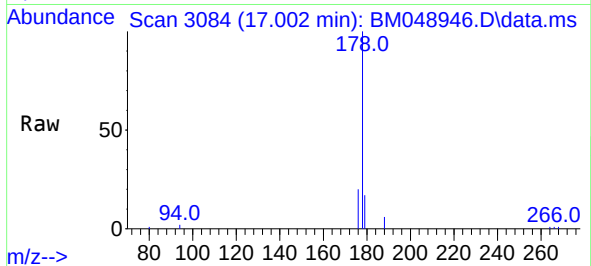




#15
Phenanthrene
Concen: 0.363 ng/ul
RT: 17.002 min Scan# 3084
Delta R.T. -0.007 min
Lab File: BM048946.D
Acq: 11 Dec 2024 05:22

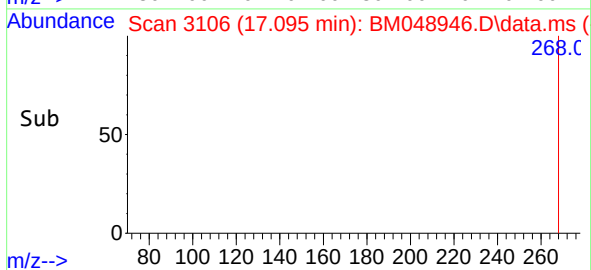
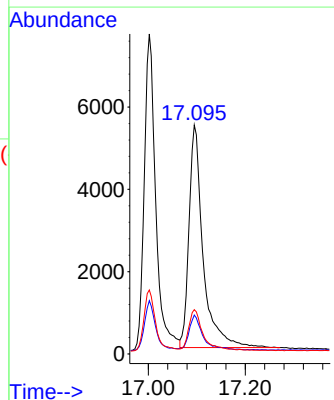
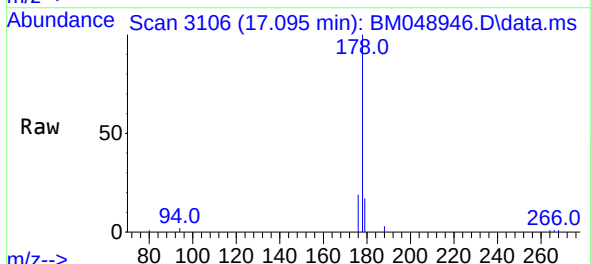
Instrument :
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ClientSampleId :
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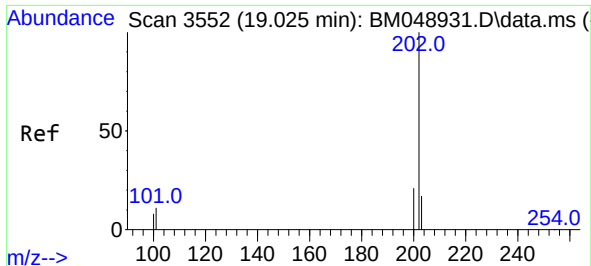
Tgt Ion:178 Resp: 12770
Ion Ratio Lower Upper
178 100
179 16.7 13.0 19.6
176 20.0 15.8 23.8



#16
Anthracene
Concen: 0.348 ng/ul
RT: 17.095 min Scan# 3106
Delta R.T. -0.007 min
Lab File: BM048946.D
Acq: 11 Dec 2024 05:22

Tgt Ion:178 Resp: 10933
Ion Ratio Lower Upper
178 100
179 17.0 13.0 19.4
176 19.4 15.0 22.6

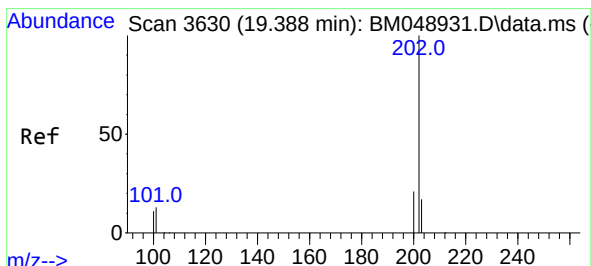
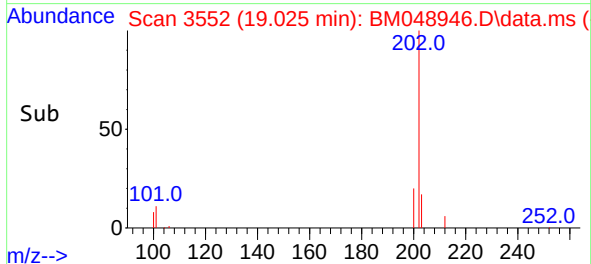
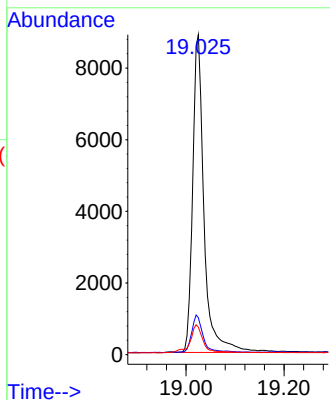
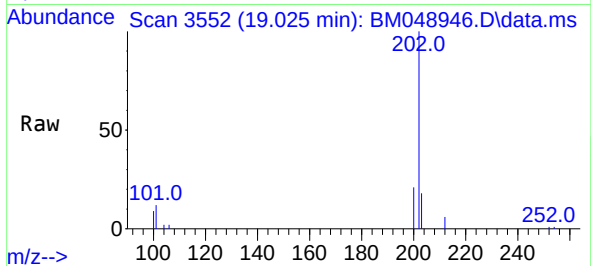




#19
Fluoranthene
Concen: 0.378 ng/u1
RT: 19.025 min Scan# 31
Delta R.T. -0.008 min
Lab File: BM048946.D
Acq: 11 Dec 2024 05:22

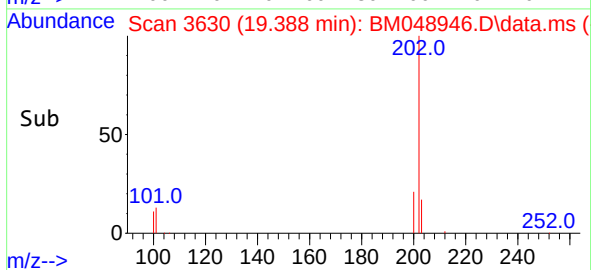
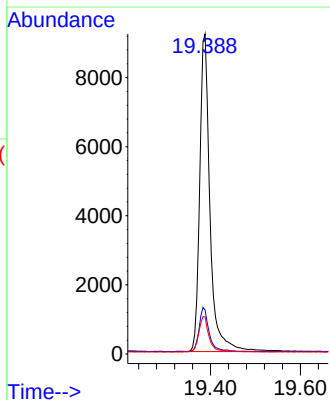
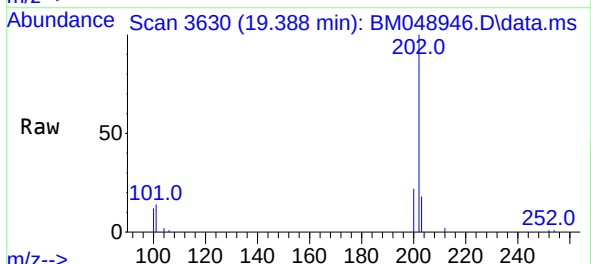
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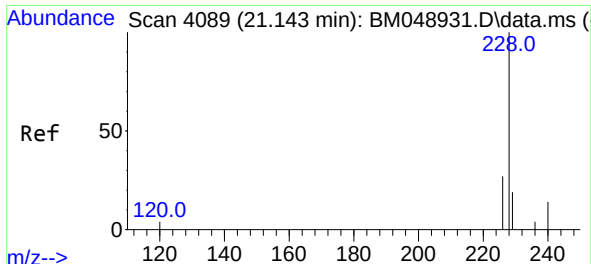
Tgt Ion:202 Resp: 14315
Ion Ratio Lower Upper
202 100
101 11.6 9.7 14.5
100 8.6 7.3 10.9



#20
Pyrene
Concen: 0.359 ng/u1
RT: 19.388 min Scan# 3630
Delta R.T. -0.008 min
Lab File: BM048946.D
Acq: 11 Dec 2024 05:22

Tgt Ion:202 Resp: 14661
Ion Ratio Lower Upper
202 100
101 13.8 10.6 16.0
100 11.6 8.4 12.6

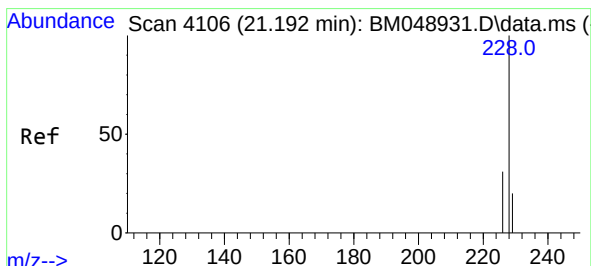
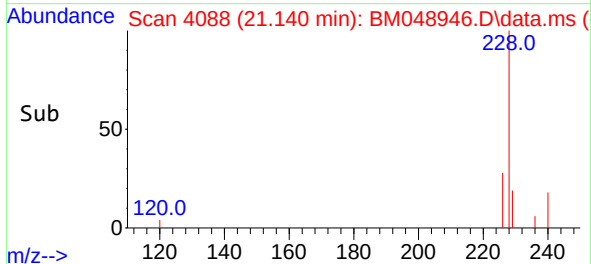
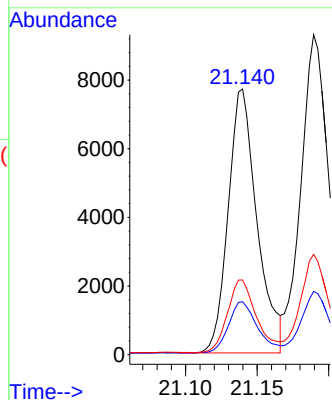
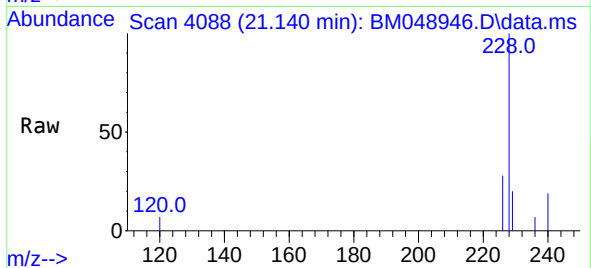




#21
Benzo(a)anthracene
Concen: 0.335 ng/ul
RT: 21.140 min Scan# 4089
Delta R.T. -0.009 min
Lab File: BM048946.D
Acq: 11 Dec 2024 05:22

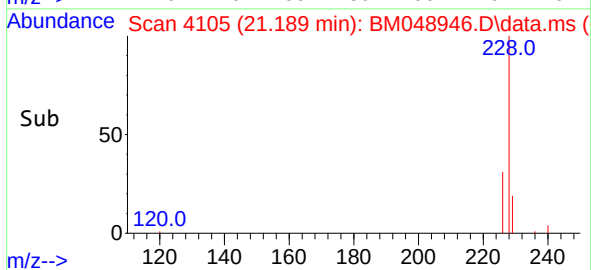
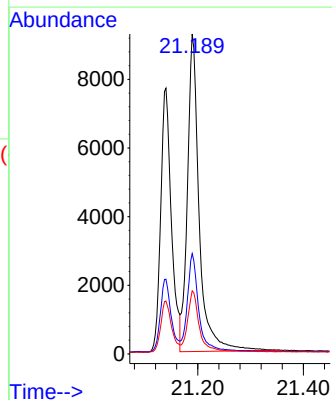
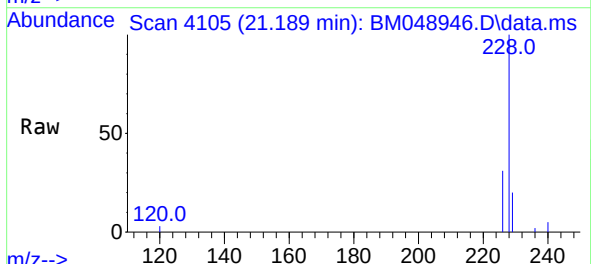
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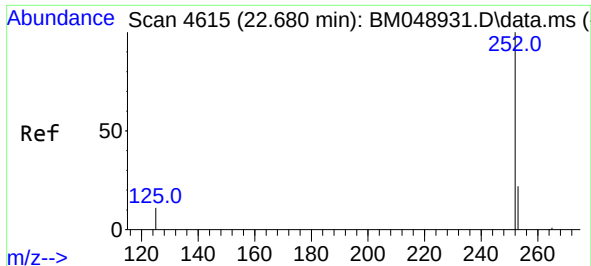
Tgt Ion:228 Resp: 10792
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 28.1 23.0 34.4



#22
Chrysene
Concen: 0.392 ng/ul
RT: 21.189 min Scan# 4105
Delta R.T. -0.009 min
Lab File: BM048946.D
Acq: 11 Dec 2024 05:22

Tgt Ion:228 Resp: 14283
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 19.7 16.0 24.0

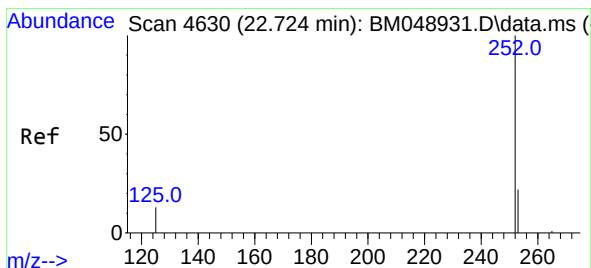
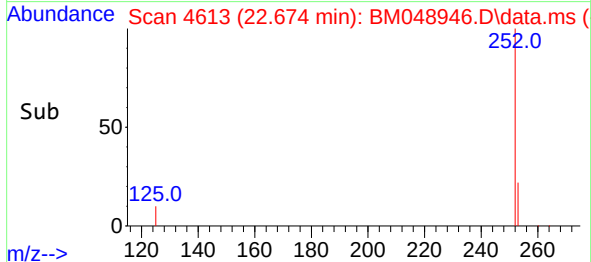
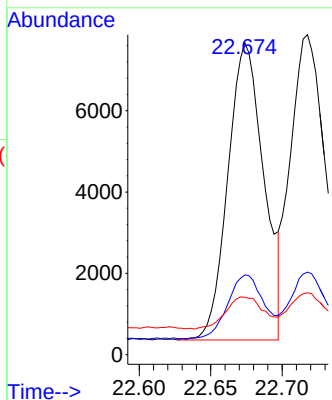
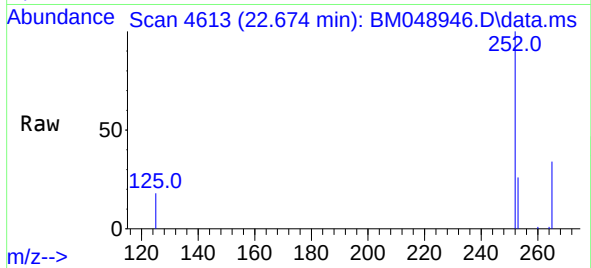




#24
Benzo(b)fluoranthene
Concen: 0.387 ng/ul
RT: 22.674 min Scan# 4613
Delta R.T. -0.015 min
Lab File: BM048946.D
Acq: 11 Dec 2024 05:22

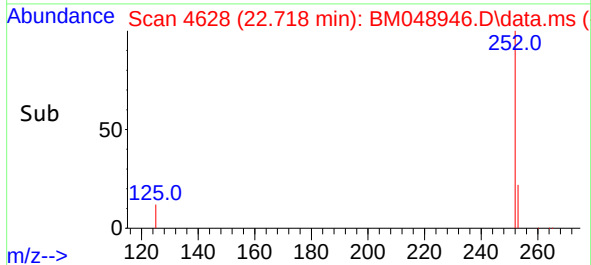
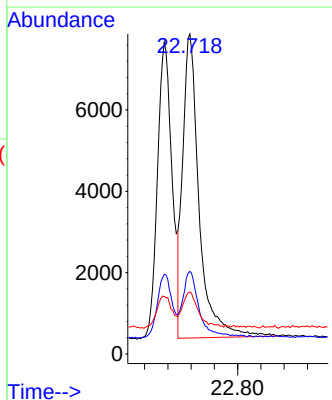
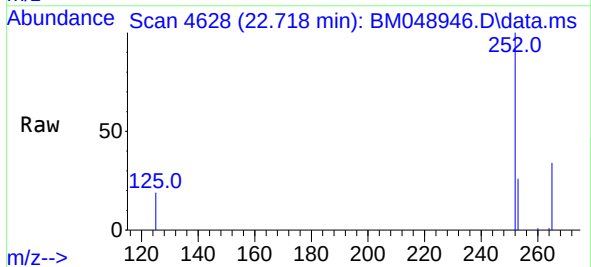
Instrument :
BNA_M
ClientSampleId :
SLCS509

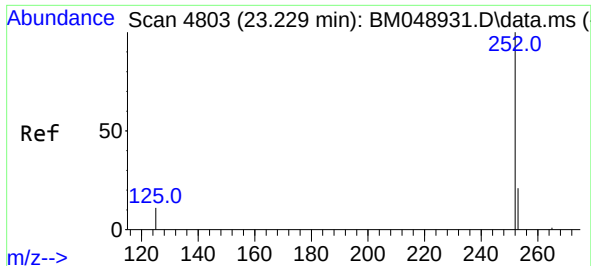
Tgt Ion:	252	Resp:	12791
Ion	Ratio	Lower	Upper
252	100		
253	25.5	0.0	51.0
125	18.4	0.0	36.6



#25
Benzo(k)fluoranthene
Concen: 0.383 ng/ul
RT: 22.718 min Scan# 4628
Delta R.T. -0.015 min
Lab File: BM048946.D
Acq: 11 Dec 2024 05:22

Tgt Ion:	252	Resp:	14629
Ion	Ratio	Lower	Upper
252	100		
253	25.8	20.5	30.7
125	19.3	17.3	25.9

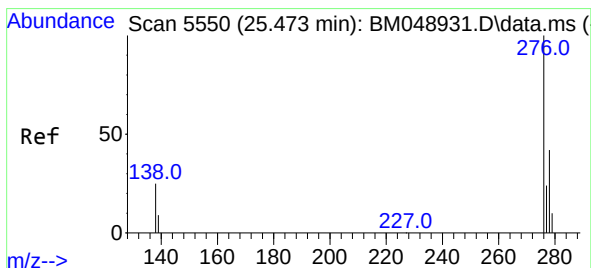
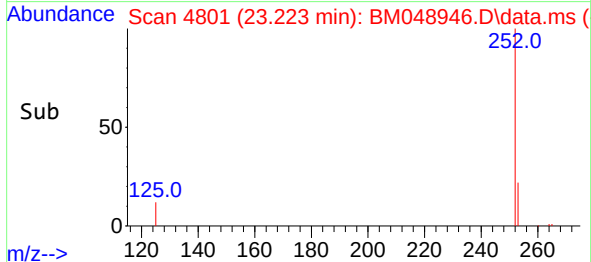
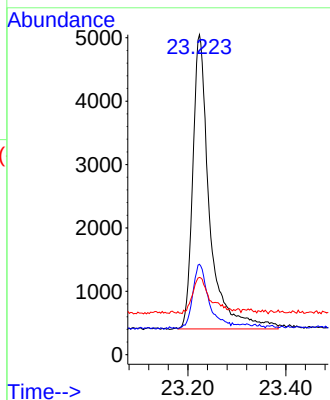
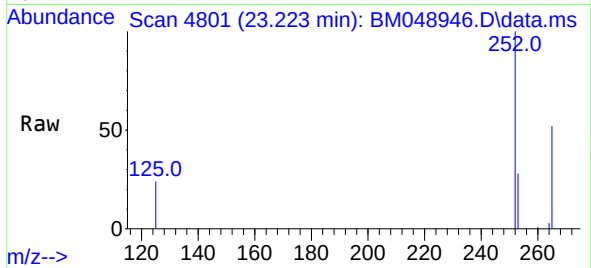




#26
Benzo(a)pyrene
Concen: 0.363 ng/ul
RT: 23.223 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM048946.D
Acq: 11 Dec 2024 05:22

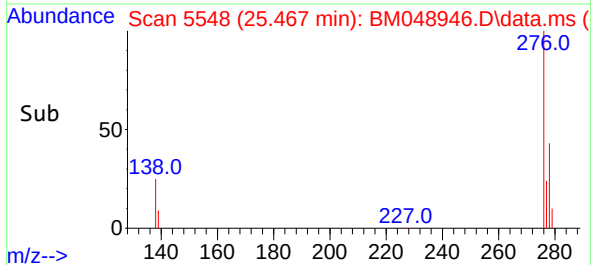
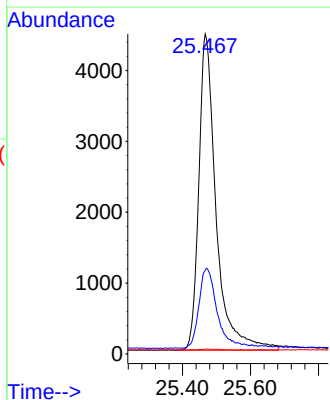
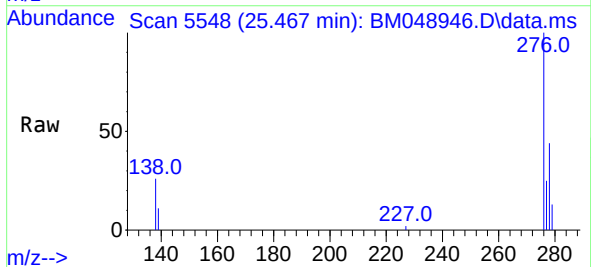
Instrument :
BNA_M
ClientSampleId :
SLCS509

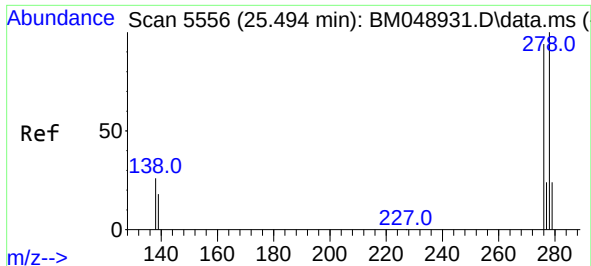
Tgt Ion:	252	Resp:	11083
Ion	Ratio	Lower	Upper
252	100		
253	28.2	21.8	32.8
125	24.1	18.6	27.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng/ul
RT: 25.467 min Scan# 5548
Delta R.T. -0.024 min
Lab File: BM048946.D
Acq: 11 Dec 2024 05:22

Tgt Ion:	276	Resp:	15804
Ion	Ratio	Lower	Upper
276	100		
138	28.0	22.1	33.1
227	0.1	0.2	0.2

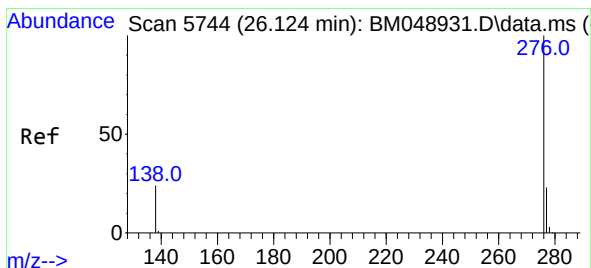
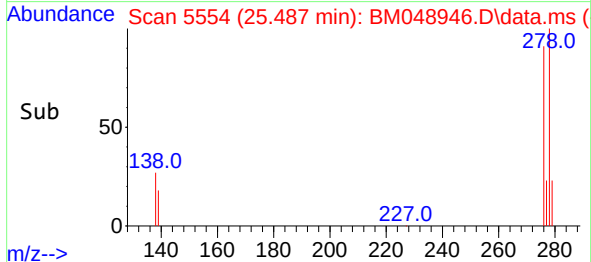
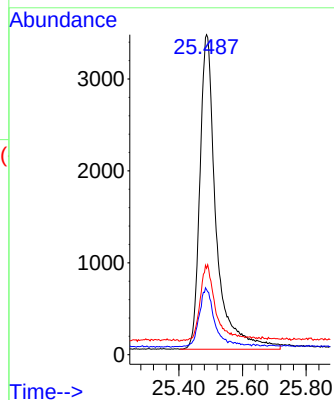
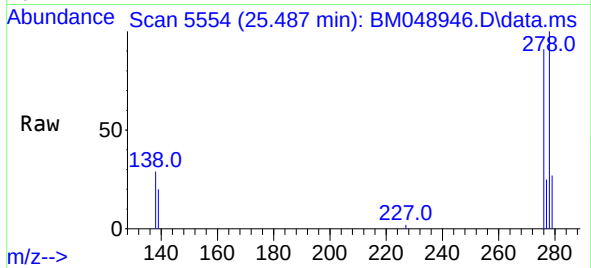




#28
Dibenzo(a,h)anthracene
Concen: 0.364 ng/ul
RT: 25.487 min Scan# 51
Delta R.T. -0.021 min
Lab File: BM048946.D
Acq: 11 Dec 2024 05:22

Instrument :
BNA_M
ClientSampleId :
SLCS509

Tgt Ion:278 Resp: 12143
Ion Ratio Lower Upper
278 100
139 20.3 17.4 26.0
279 27.0 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.382 ng/ul
RT: 26.117 min Scan# 5742
Delta R.T. -0.027 min
Lab File: BM048946.D
Acq: 11 Dec 2024 05:22

Tgt Ion:276 Resp: 13180
Ion Ratio Lower Upper
276 100
138 24.0 19.8 29.6
277 25.0 19.6 29.4

