

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046632.D
 Acq On : 16 Jul 2024 13:51
 Operator : MA/JU
 Sample : PB161915BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS915

Quant Time: Jul 16 14:45:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

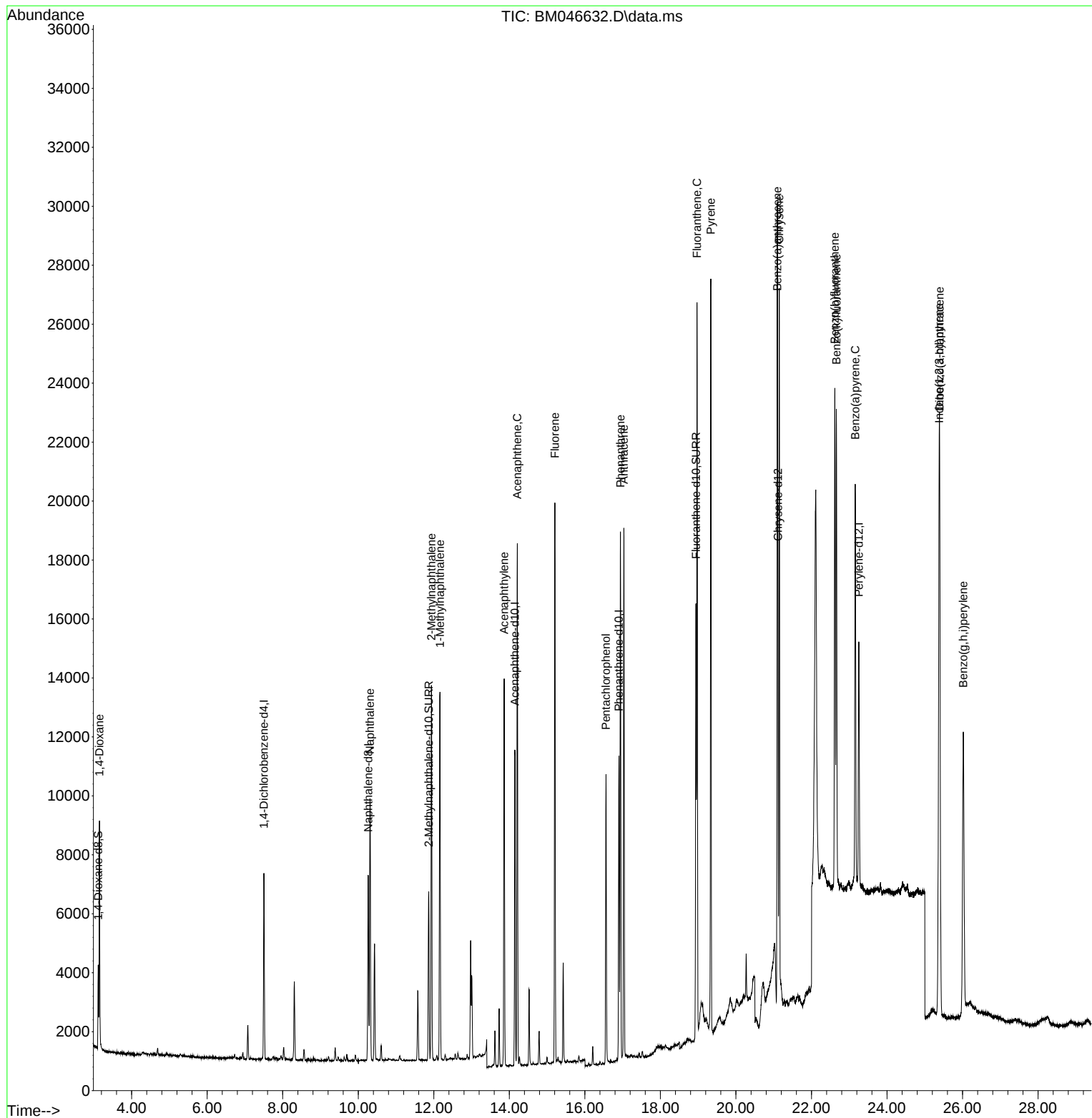
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.501	152	3045	0.400	ng/ul	0.00
4) Naphthalene-d8	10.266	136	8748	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.146	164	5976	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.901	188	12786	0.400	ng/ul	0.00
17) Chrysene-d12	21.111	240	9243	0.400	ng/ul #	0.00
23) Perylene-d12	23.253	264	10310	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	1619	0.647	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	7451	0.528	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	16600	0.590	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.147	88	4592	1.720	ng/ul#	73
5) Naphthalene	10.310	128	11778	0.529	ng/ul	97
7) 2-Methylnaphthalene	11.937	142	8497	0.543	ng/ul	98
8) 1-Methylnaphthalene	12.163	142	8543	0.535	ng/ul	99
10) Acenaphthylene	13.864	152	14406	0.530	ng/ul	97
11) Acenaphthene	14.211	153	9916	0.544	ng/ul	97
12) Fluorene	15.205	166	11806	0.524	ng/ul	98
14) Pentachlorophenol	16.559	266	6108	0.943	ng/ul	99
15) Phenanthrene	16.943	178	18730	0.513	ng/ul	100
16) Anthracene	17.031	178	18669	0.524	ng/ul	99
19) Fluoranthene	18.970	202	22242	0.586	ng/ul#	97
20) Pyrene	19.337	202	22806	0.555	ng/ul	99
21) Benzo(a)anthracene	21.096	228	20799	0.509	ng/ul	99
22) Chrysene	21.146	228	19580	0.495	ng/ul	99
24) Benzo(b)fluoranthene	22.618	252	20494	0.498	ng/ul	97
25) Benzo(k)fluoranthene	22.659	252	20127	0.498	ng/ul#	96
26) Benzo(a)pyrene	23.159	252	18733	0.553	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.380	276	25010	0.485	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.393	278	19661	0.481	ng/ul#	97
29) Benzo(g,h,i)perylene	26.020	276	19443	0.472	ng/ul#	97

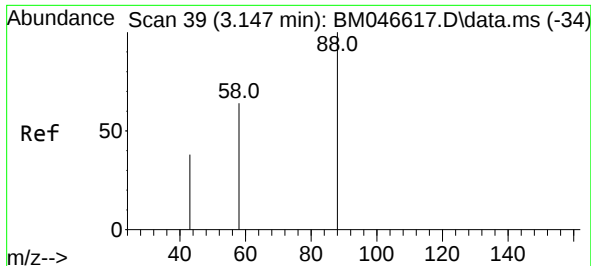
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 16 14:45:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

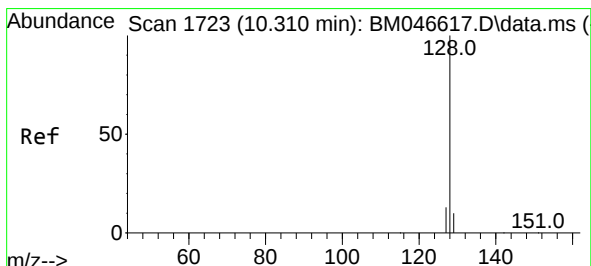
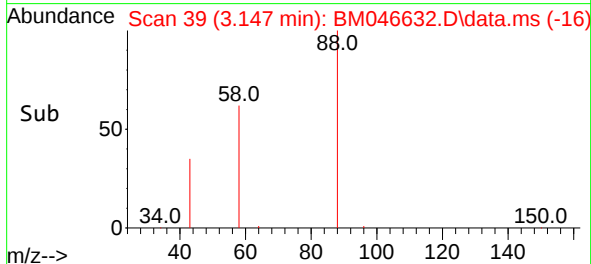
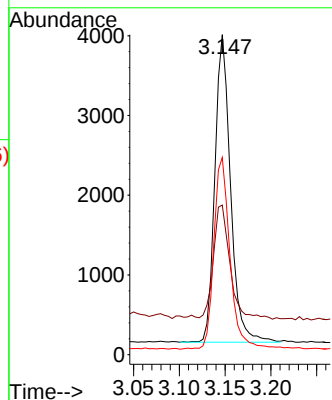
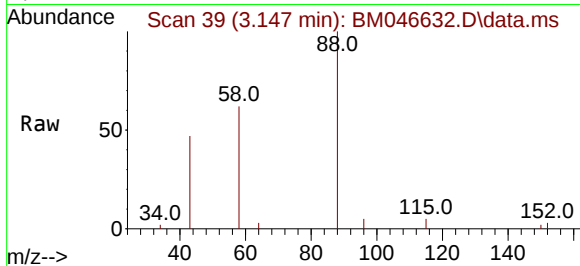




#2
1,4-Dioxane
Concen: 1.720 ng/ul
RT: 3.147 min Scan# 39
Delta R.T. -0.005 min
Lab File: BM046632.D
Acq: 16 Jul 2024 13:51

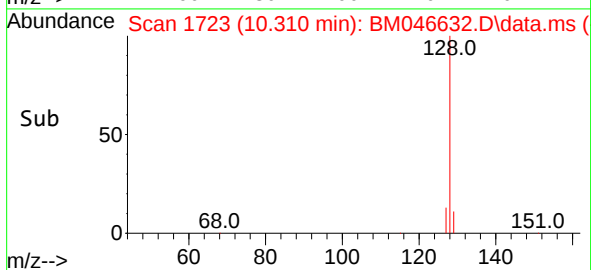
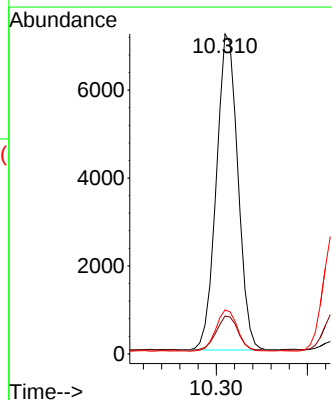
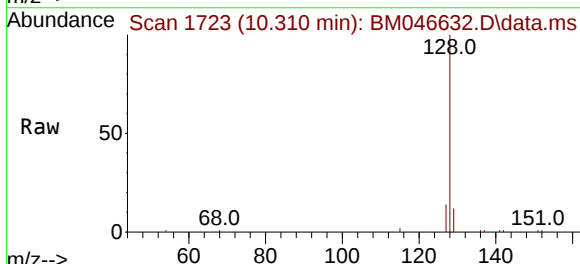
Instrument :
BNA_M
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SLCS915

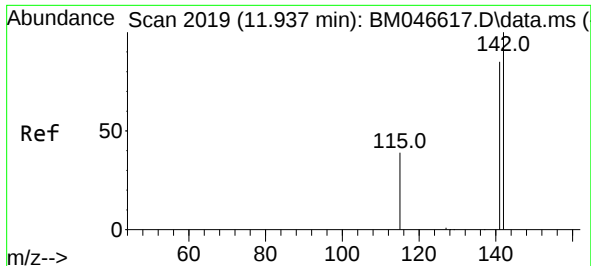
Tgt Ion: 88 Resp: 4592
Ion Ratio Lower Upper
88 100
43 46.7 70.2 105.4#
58 61.6 48.2 72.4



#5
Naphthalene
Concen: 0.529 ng/ul
RT: 10.310 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BM046632.D
Acq: 16 Jul 2024 13:51

Tgt Ion: 128 Resp: 11778
Ion Ratio Lower Upper
128 100
129 11.8 10.3 15.5
127 13.8 12.2 18.4

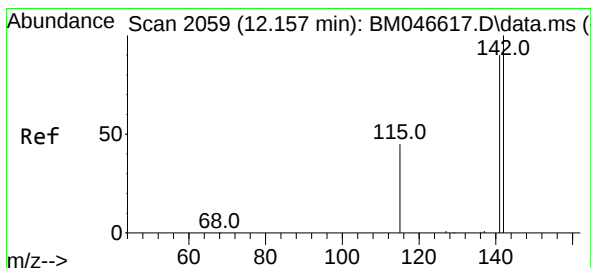
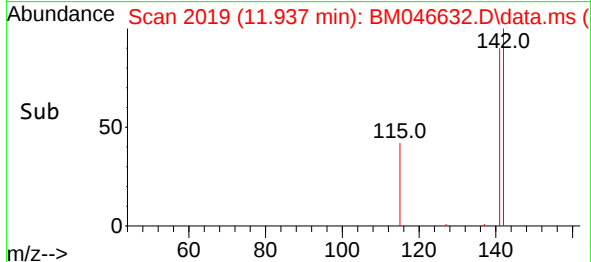
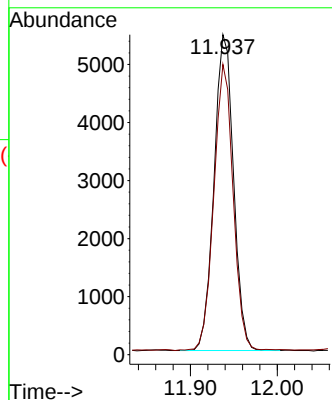
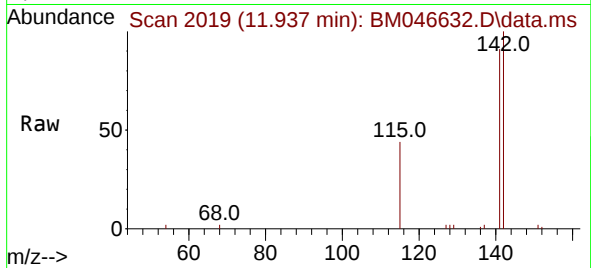




#7
2-Methylnaphthalene
Concen: 0.543 ng/ul
RT: 11.937 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BM046632.D
Acq: 16 Jul 2024 13:51

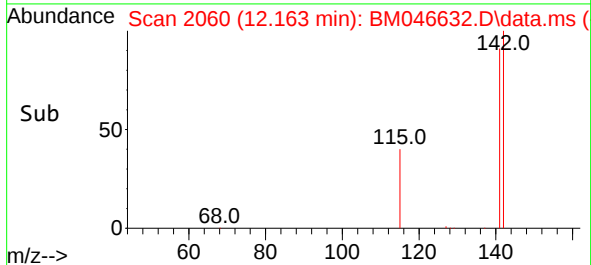
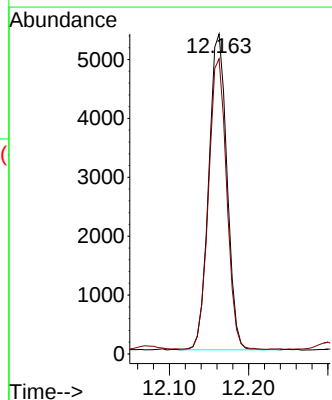
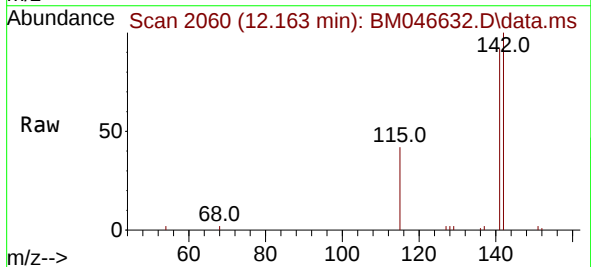
Instrument :
BNA_M
ClientSampleId :
SLCS915

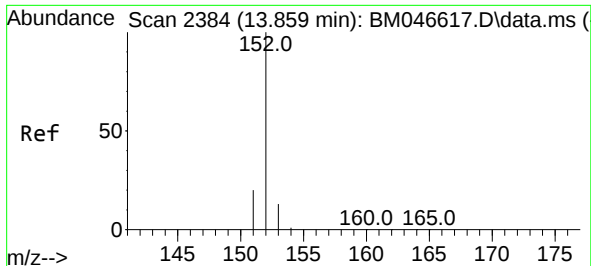
Tgt Ion:142 Resp: 8497
Ion Ratio Lower Upper
142 100
141 90.0 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.535 ng/ul
RT: 12.163 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BM046632.D
Acq: 16 Jul 2024 13:51

Tgt Ion:142 Resp: 8543
Ion Ratio Lower Upper
142 100
141 91.5 73.9 110.9

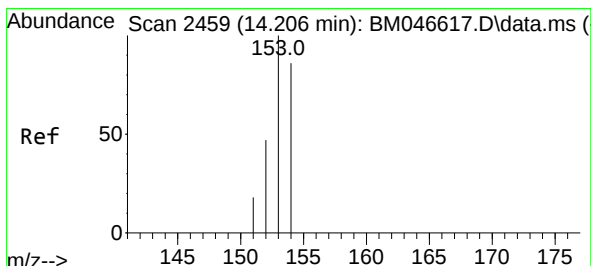
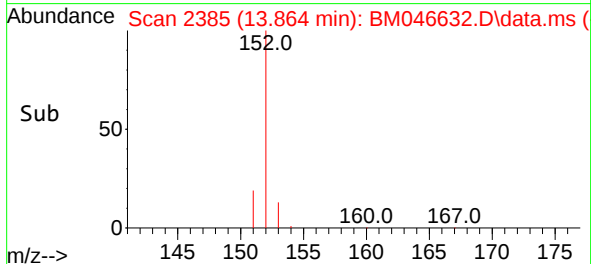
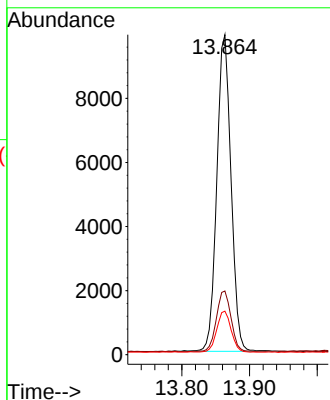
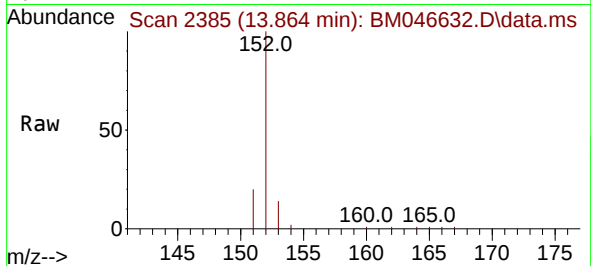




#10
Acenaphthylene
Concen: 0.530 ng/ul
RT: 13.864 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM046632.D
Acq: 16 Jul 2024 13:51

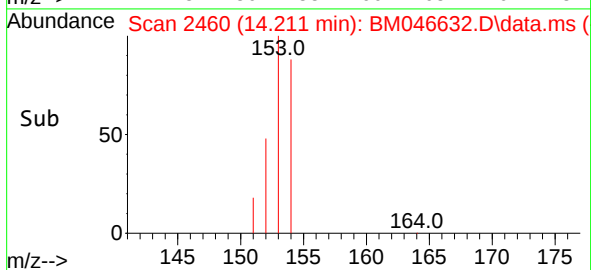
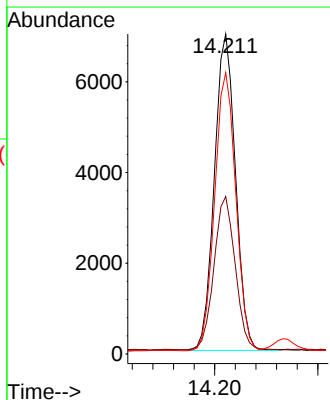
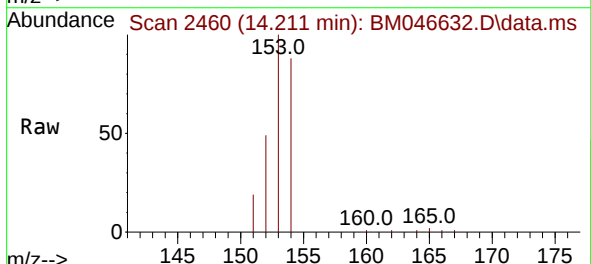
Instrument :
BNA_M
ClientSampleId :
SLCS915

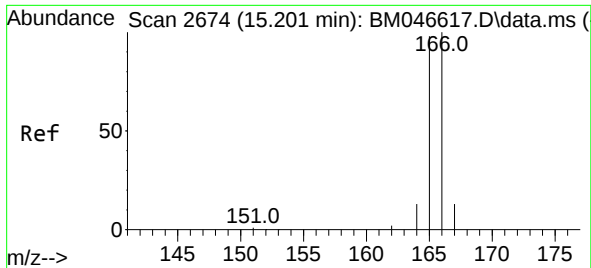
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.4	24.6
153	13.6	12.4	18.6



#11
Acenaphthene
Concen: 0.544 ng/ul
RT: 14.211 min Scan# 2460
Delta R.T. -0.000 min
Lab File: BM046632.D
Acq: 16 Jul 2024 13:51

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.2	43.0	64.6
154	87.9	69.9	104.9

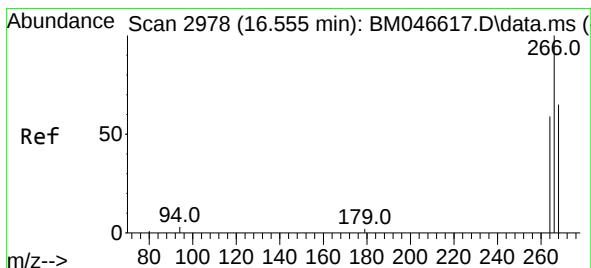
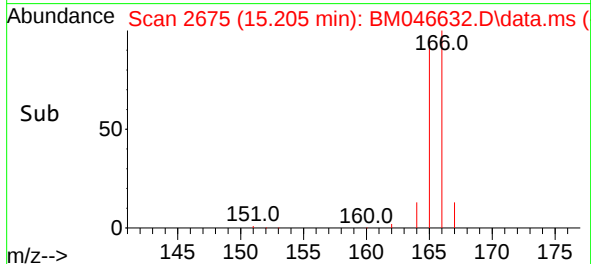
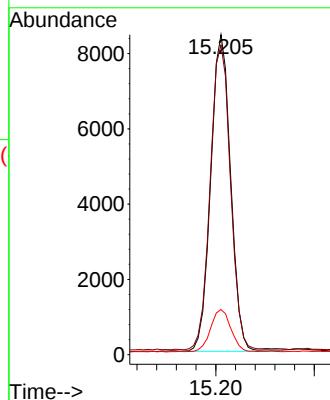
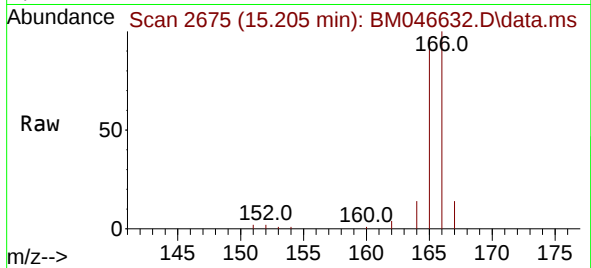




#12
 Fluorene
 Concen: 0.524 ng/ul
 RT: 15.205 min Scan# 2
 Delta R.T. -0.000 min
 Lab File: BM046632.D
 Acq: 16 Jul 2024 13:51

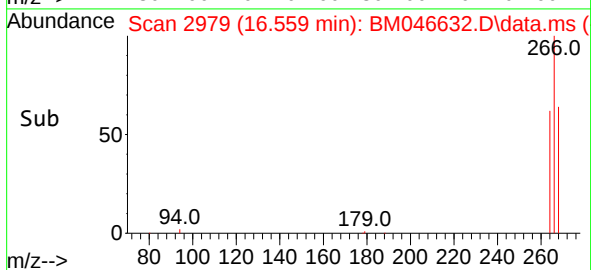
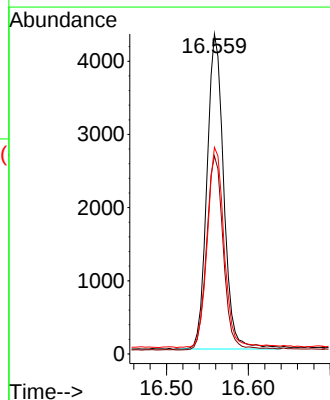
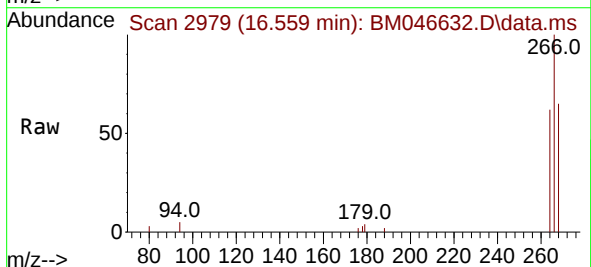
Instrument :
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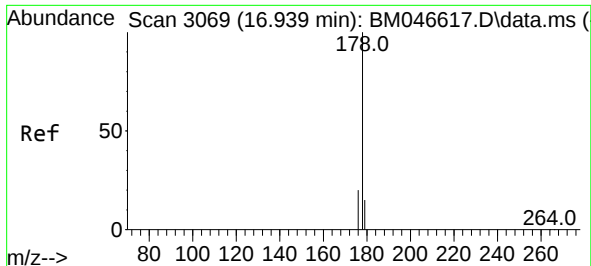
Tgt Ion:166 Resp: 11806
 Ion Ratio Lower Upper
 166 100
 165 96.8 76.1 114.1
 167 14.1 12.5 18.7



#14
 Pentachlorophenol
 Concen: 0.943 ng/ul
 RT: 16.559 min Scan# 2979
 Delta R.T. 0.004 min
 Lab File: BM046632.D
 Acq: 16 Jul 2024 13:51

Tgt Ion:266 Resp: 6108
 Ion Ratio Lower Upper
 266 100
 264 61.9 50.1 75.1
 268 64.3 52.5 78.7

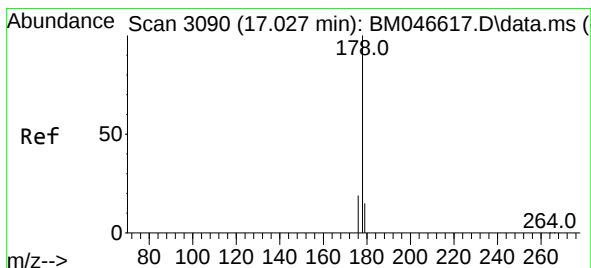
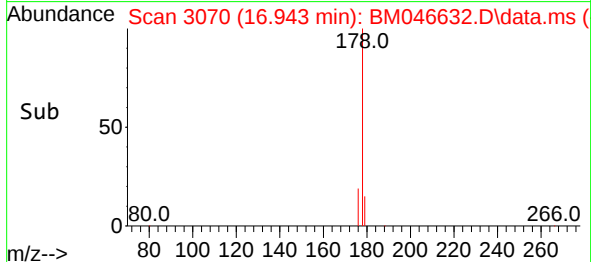
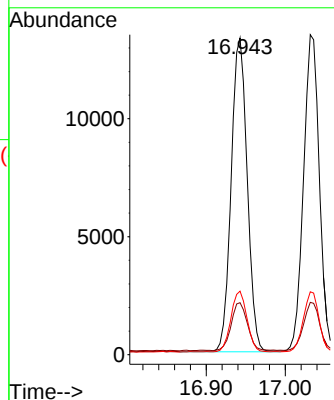
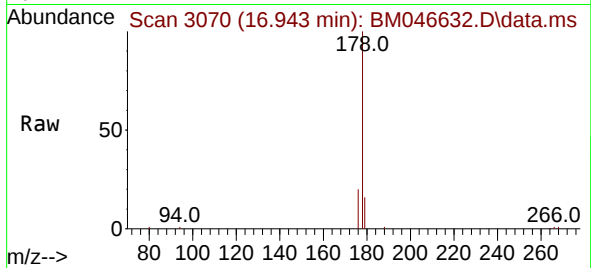




#15
Phenanthrene
Concen: 0.513 ng/ul
RT: 16.943 min Scan# 3069
Delta R.T. -0.000 min
Lab File: BM046632.D
Acq: 16 Jul 2024 13:51

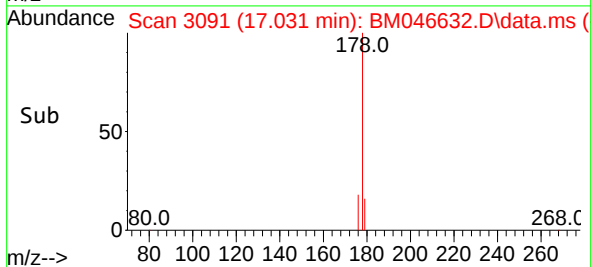
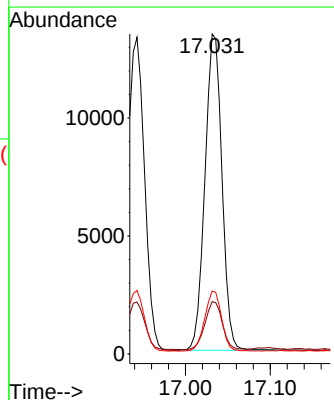
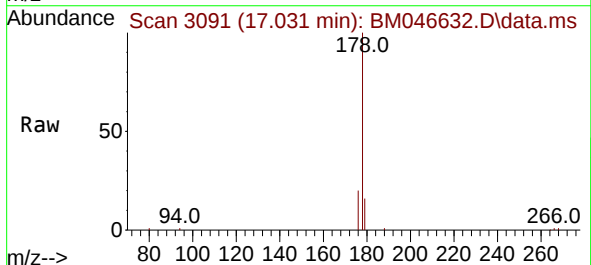
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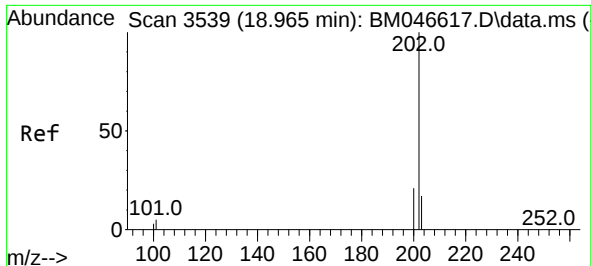
Tgt Ion:178 Resp: 18730
Ion Ratio Lower Upper
178 100
179 16.4 13.1 19.7
176 20.1 16.0 24.0



#16
Anthracene
Concen: 0.524 ng/ul
RT: 17.031 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BM046632.D
Acq: 16 Jul 2024 13:51

Tgt Ion:178 Resp: 18669
Ion Ratio Lower Upper
178 100
179 16.4 13.5 20.3
176 19.7 15.7 23.5

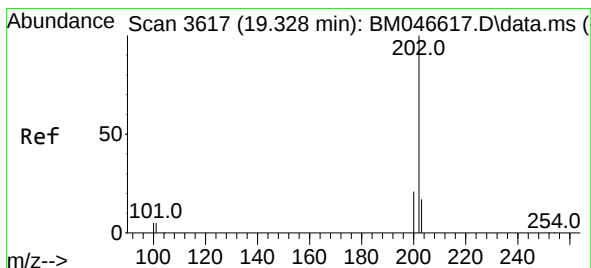
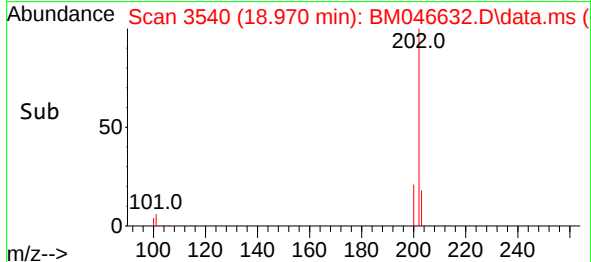
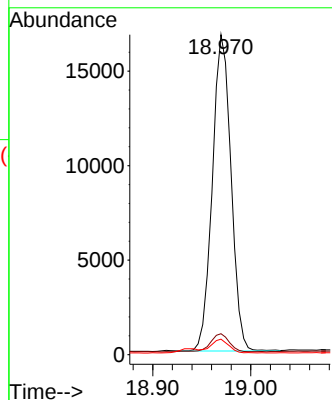
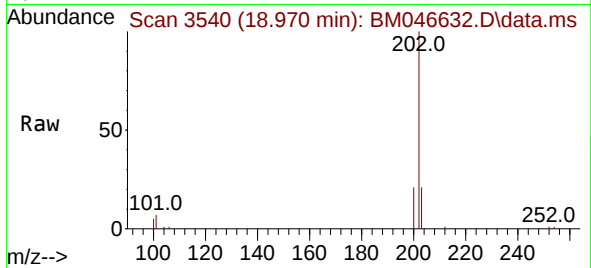




#19
Fluoranthene
Concen: 0.586 ng/ul
RT: 18.970 min Scan# 3540
Delta R.T. -0.000 min
Lab File: BM046632.D
Acq: 16 Jul 2024 13:51

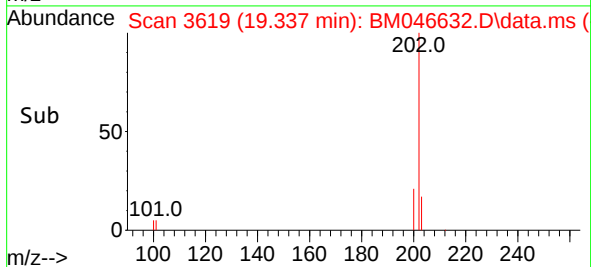
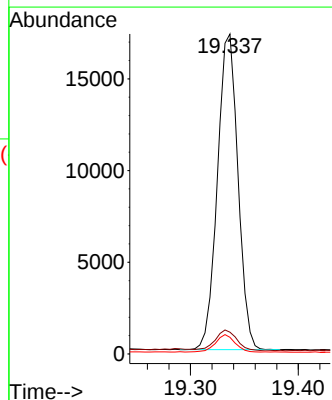
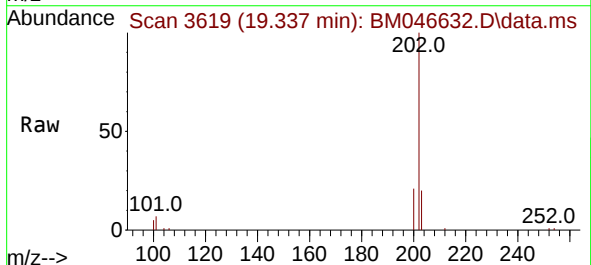
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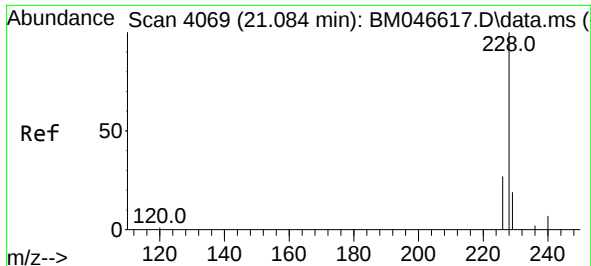
Tgt Ion:202 Resp: 22242
Ion Ratio Lower Upper
202 100
101 6.5 4.6 6.8
100 4.8 3.0 4.6#



#20
Pyrene
Concen: 0.555 ng/ul
RT: 19.337 min Scan# 3619
Delta R.T. 0.004 min
Lab File: BM046632.D
Acq: 16 Jul 2024 13:51

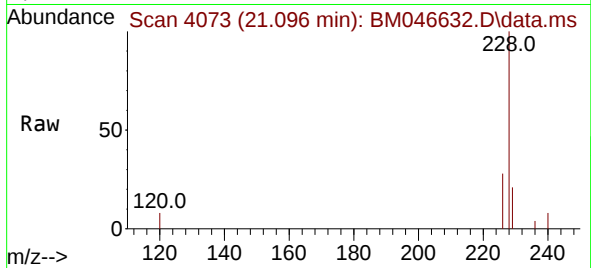
Tgt Ion:202 Resp: 22806
Ion Ratio Lower Upper
202 100
101 6.8 5.1 7.7
100 5.2 3.8 5.6



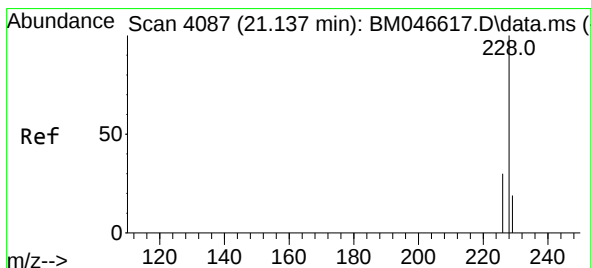
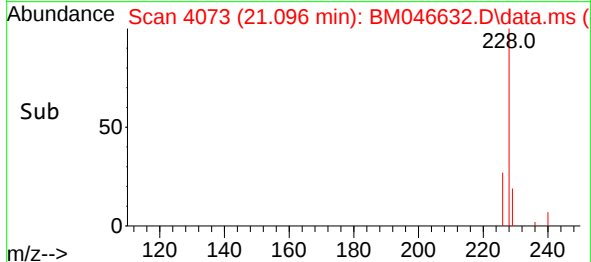
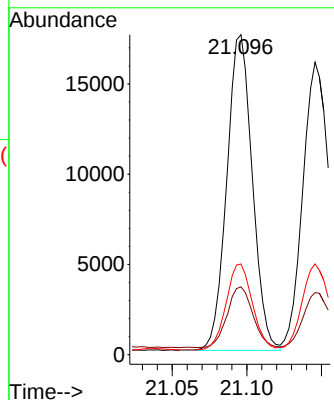


#21
Benzo(a)anthracene
Concen: 0.509 ng/ul
RT: 21.096 min Scan# 4069
Delta R.T. 0.008 min
Lab File: BM046632.D
Acq: 16 Jul 2024 13:51

Instrument :
BNA_M
ClientSampleId :
SLCS915

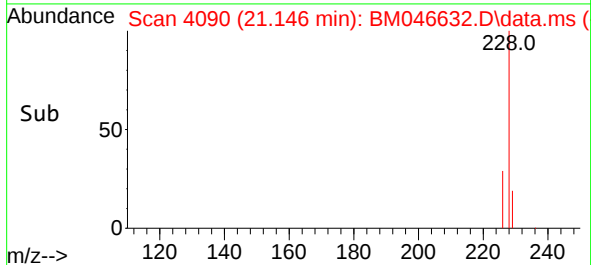
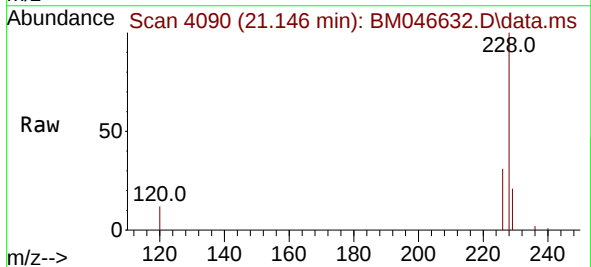
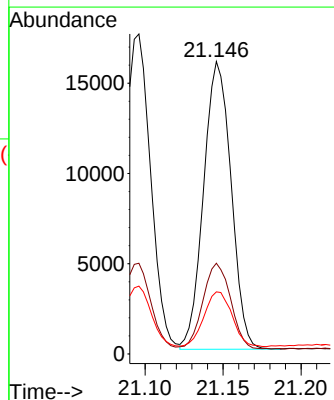


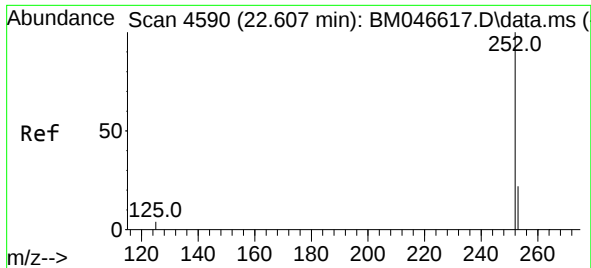
Tgt Ion:228 Resp: 20799
Ion Ratio Lower Upper
228 100
229 21.2 16.5 24.7
226 28.3 22.5 33.7



#22
Chrysene
Concen: 0.495 ng/ul
RT: 21.146 min Scan# 4090
Delta R.T. 0.005 min
Lab File: BM046632.D
Acq: 16 Jul 2024 13:51

Tgt Ion:228 Resp: 19580
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 21.2 16.4 24.6

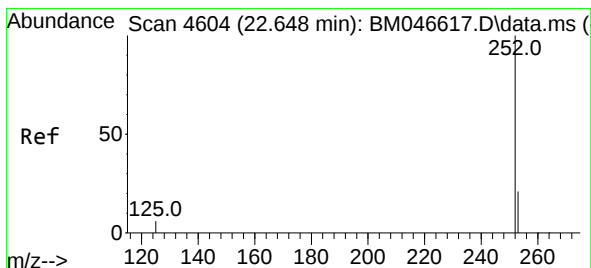
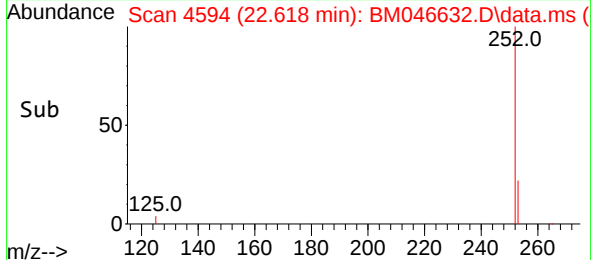
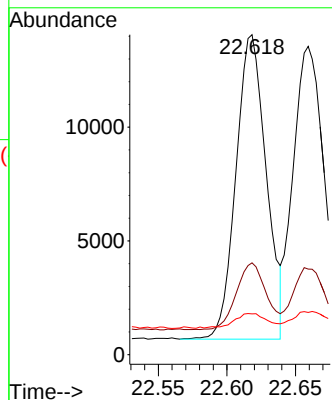
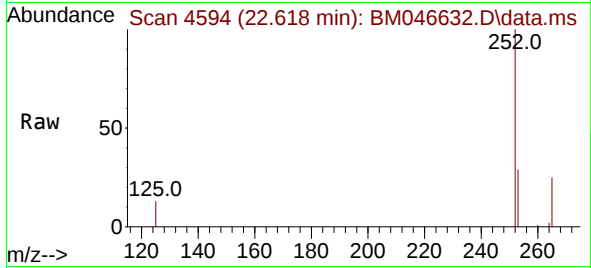




#24
Benzo(b)fluoranthene
Concen: 0.498 ng/ul
RT: 22.618 min Scan# 4594
Delta R.T. 0.008 min
Lab File: BM046632.D
Acq: 16 Jul 2024 13:51

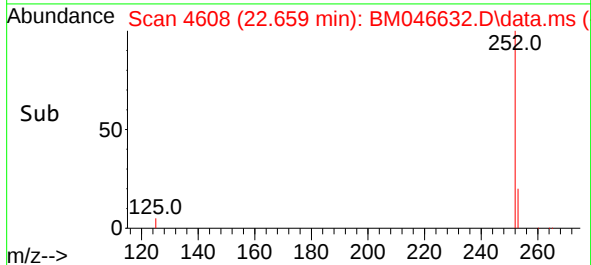
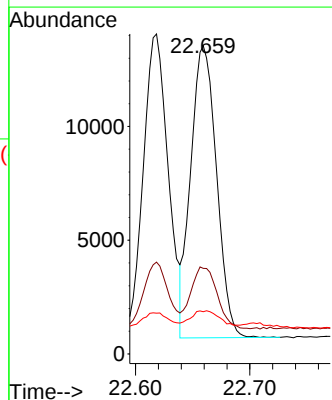
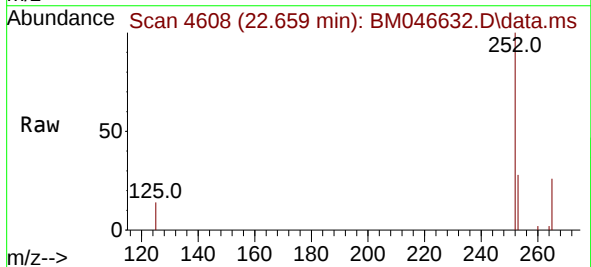
Instrument :
BNA_M
ClientSampleId :
SLCS915

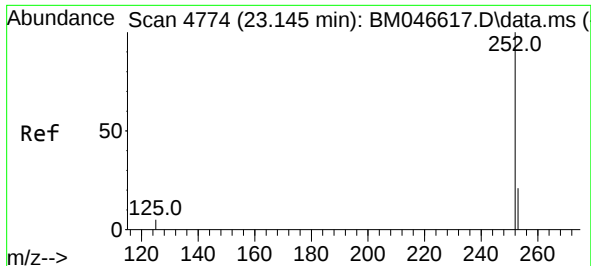
Tgt Ion:252 Resp: 20494
Ion Ratio Lower Upper
252 100
253 28.7 0.0 56.2
125 12.8 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 0.498 ng/ul
RT: 22.659 min Scan# 4608
Delta R.T. 0.008 min
Lab File: BM046632.D
Acq: 16 Jul 2024 13:51

Tgt Ion:252 Resp: 20127
Ion Ratio Lower Upper
252 100
253 27.8 22.4 33.6
125 13.7 7.0 10.4#

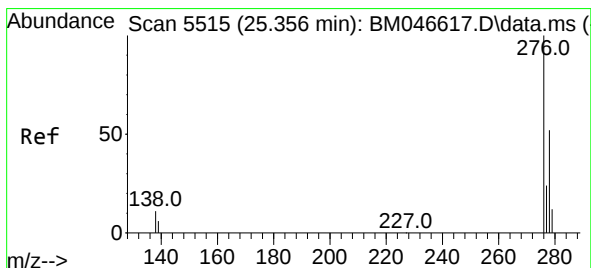
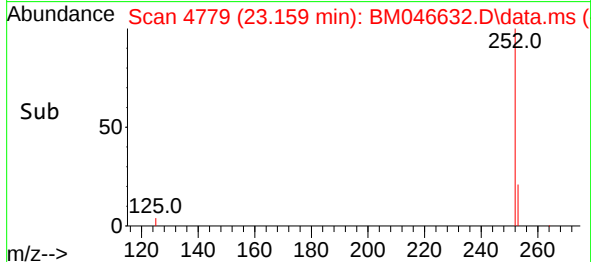
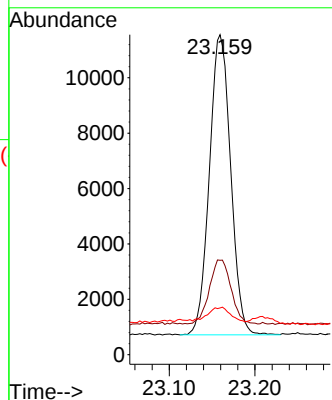
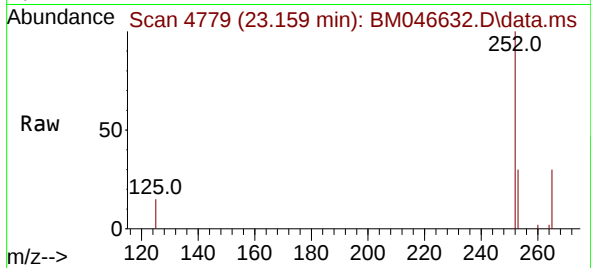




#26
Benzo(a)pyrene
Concen: 0.553 ng/ul
RT: 23.159 min Scan# 41
Delta R.T. 0.008 min
Lab File: BM046632.D
Acq: 16 Jul 2024 13:51

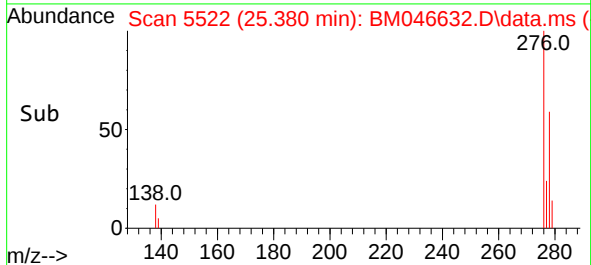
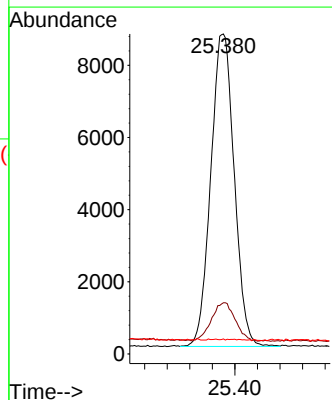
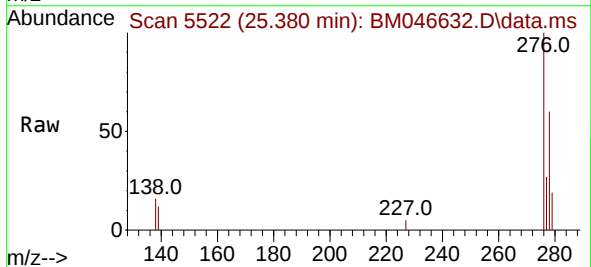
Instrument :
BNA_M
ClientSampleId :
SLCS915

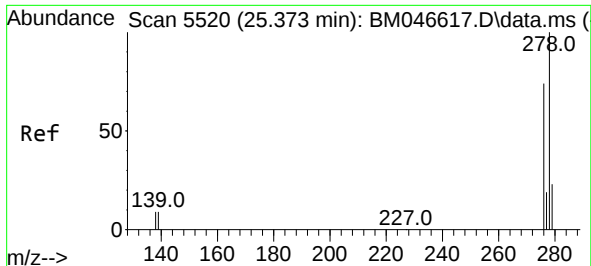
Tgt Ion:252 Resp: 18733
Ion Ratio Lower Upper
252 100
253 29.5 24.0 36.0
125 14.6 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.485 ng/ul
RT: 25.380 min Scan# 5522
Delta R.T. 0.020 min
Lab File: BM046632.D
Acq: 16 Jul 2024 13:51

Tgt Ion:276 Resp: 25010
Ion Ratio Lower Upper
276 100
138 12.4 0.0 0.0#
227 0.0 0.2 0.2#

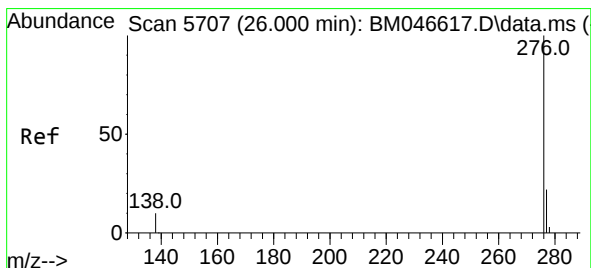
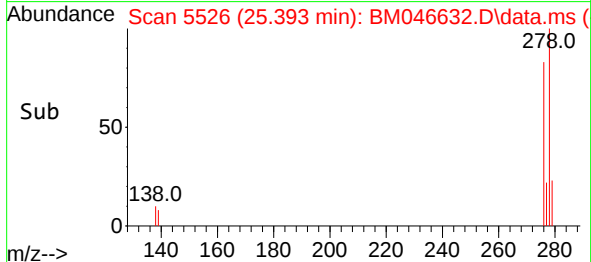
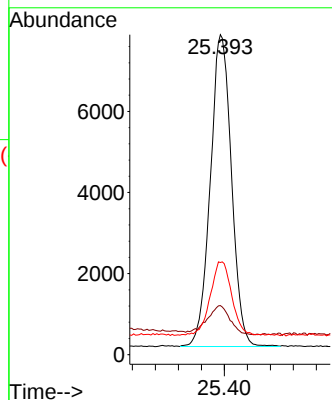
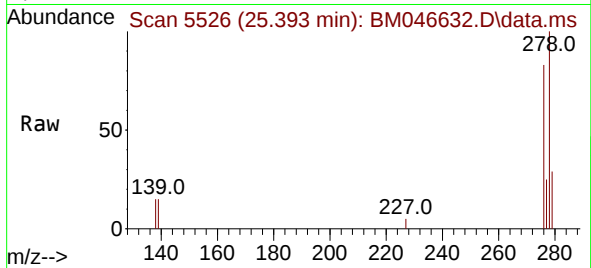




#28
Dibenzo(a,h)anthracene
Concen: 0.481 ng/ul
RT: 25.393 min Scan# 51
Delta R.T. 0.010 min
Lab File: BM046632.D
Acq: 16 Jul 2024 13:51

Instrument :
BNA_M
ClientSampleId :
SLCS915

Tgt Ion:278 Resp: 19661
Ion Ratio Lower Upper
278 100
139 15.3 9.1 13.7#
279 28.8 23.2 34.8



#29
Benzo(g,h,i)perylene
Concen: 0.472 ng/ul
RT: 26.020 min Scan# 5713
Delta R.T. 0.016 min
Lab File: BM046632.D
Acq: 16 Jul 2024 13:51

Tgt Ion:276 Resp: 19443
Ion Ratio Lower Upper
276 100
138 15.7 10.2 15.4#
277 25.9 20.9 31.3

