

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040616.D
 Acq On : 04 Jul 2023 17:48
 Operator : MA/JU
 Sample : 03246-07DL 5X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 05 02:41:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 13:40:38 2023
 Response via : Initial Calibration

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

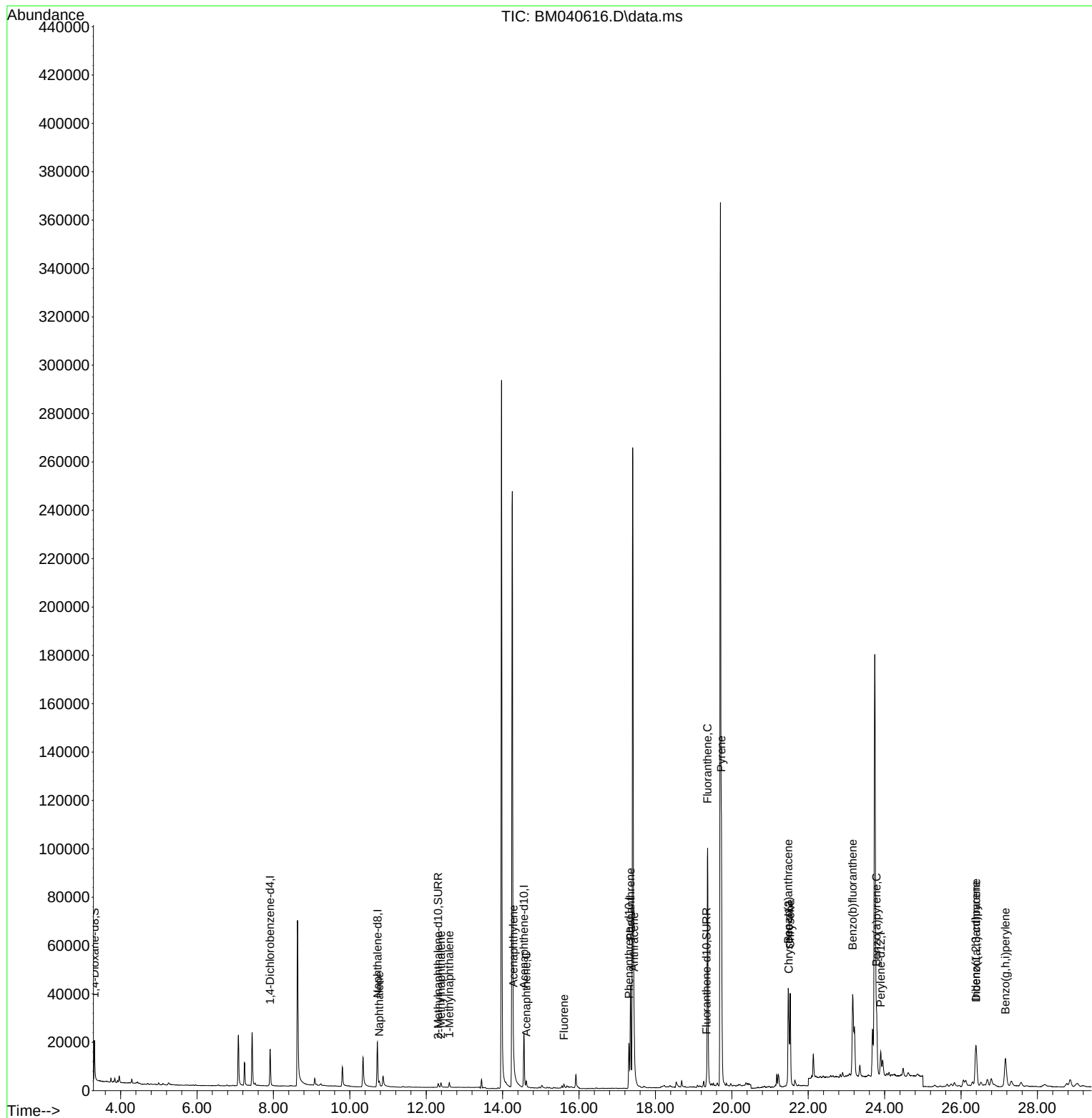
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	8021	0.400	ng/ul	0.00
4) Naphthalene-d8	10.723	136	29016	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.558	164	13226	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.307	188	25810	0.400	ng/ul	-0.01
17) Chrysene-d12	21.491	240	15079	0.400	ng/ul	-0.01
23) Perylene-d12	23.897	264	14627	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	9715	0.771	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	2666	0.066	ng/ul	-0.01
18) Fluoranthene-d10	19.333	212	4083	0.084	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.772	128	2675	0.033	ng/ul#	85
7) 2-Methylnaphthalene	12.384	142	1653	0.035	ng/ul	97
8) 1-Methylnaphthalene	12.604	142	1549	0.033	ng/ul	99
10) Acenaphthylene	14.281	152	4903	0.083	ng/ul#	92
11) Acenaphthene	14.619	153	1524	0.031	ng/ul	98
12) Fluorene	15.609	166	1143	0.021	ng/ul#	92
15) Phenanthrene	17.349	178	52330	0.653	ng/ul	99
16) Anthracene	17.442	178	11953	0.177	ng/ul	96
19) Fluoranthene	19.365	202	97851	1.528	ng/ul	96
20) Pyrene	19.728	202	82682	1.204	ng/ul	98
21) Benzo(a)anthracene	21.477	228	40307	0.790	ng/ul	97
22) Chrysene	21.529	228	40776	0.701	ng/ul	97
24) Benzo(b)fluoranthene	23.163	252	62976	1.113	ng/ul	94
26) Benzo(a)pyrene	23.789	252	36191	0.710	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.390	276	33616	0.473	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.397	278	8030	0.144	ng/ul#	82
29) Benzo(g,h,i)perylene	27.161	276	30435	0.489	ng/ul	99

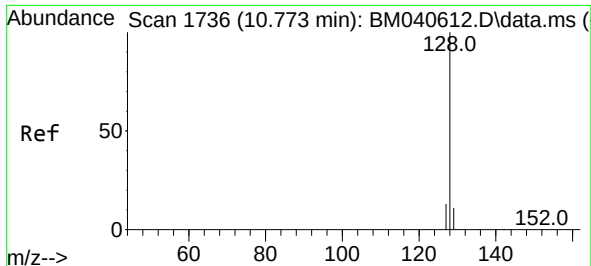
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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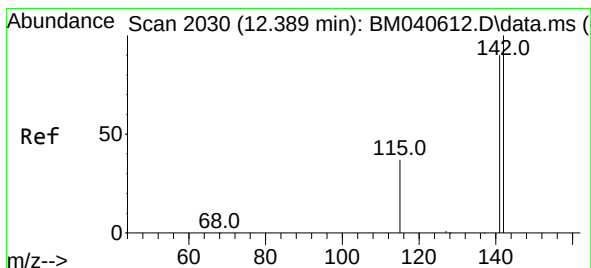
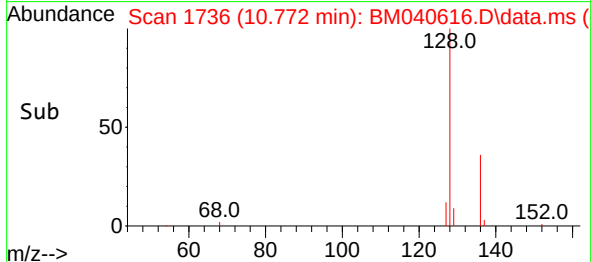
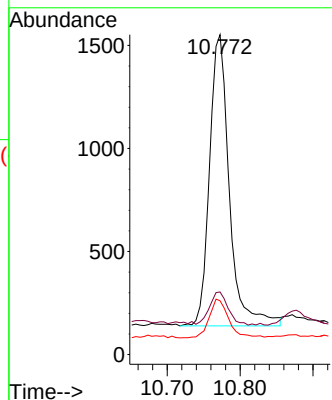
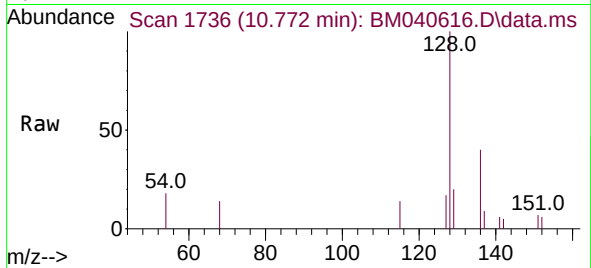




#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.772 min Scan# 1736
Delta R.T. -0.011 min
Lab File: BM040616.D
Acq: 04 Jul 2023 17:48

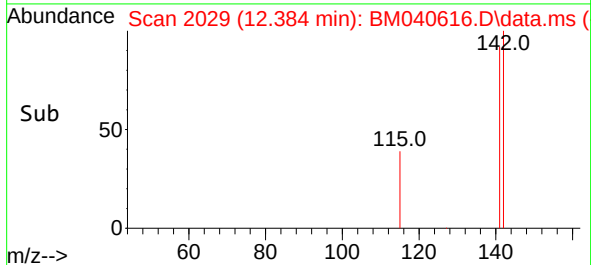
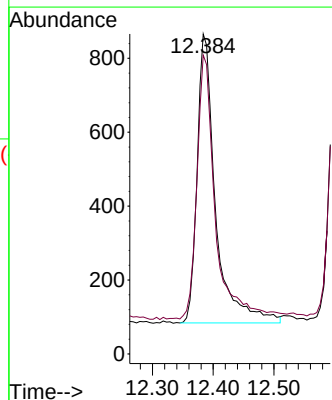
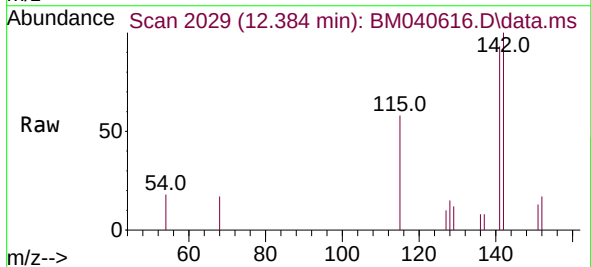
Instrument :
BNA_M
ClientSampleId :

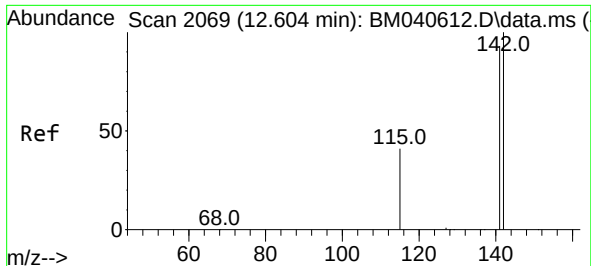
Tgt Ion:128 Resp: 2675
Ion Ratio Lower Upper
128 100
129 19.6 9.2 13.8#
127 16.8 10.6 15.8#



#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.384 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BM040616.D
Acq: 04 Jul 2023 17:48

Tgt Ion:142 Resp: 1653
Ion Ratio Lower Upper
142 100
141 92.3 71.9 107.9

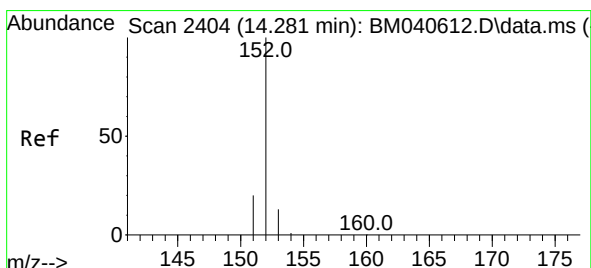
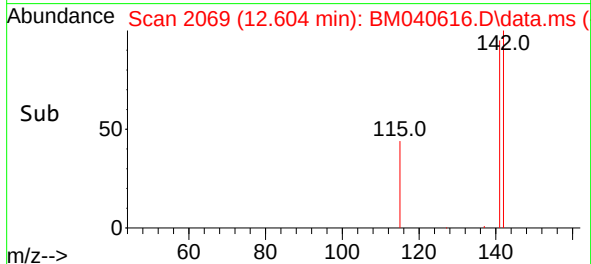
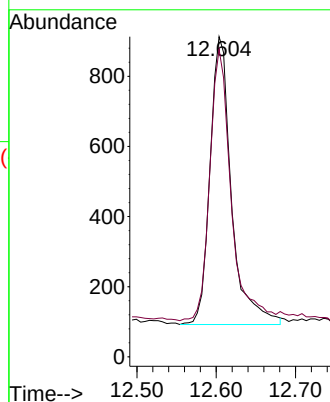
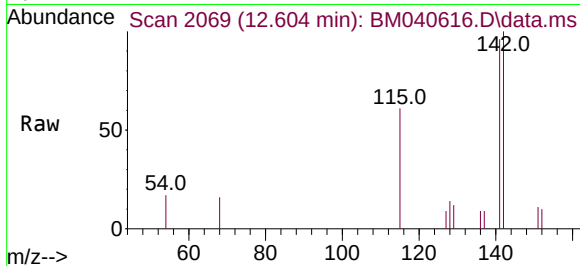




#8
1-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.604 min Scan# 2069
Delta R.T. -0.011 min
Lab File: BM040616.D
Acq: 04 Jul 2023 17:48

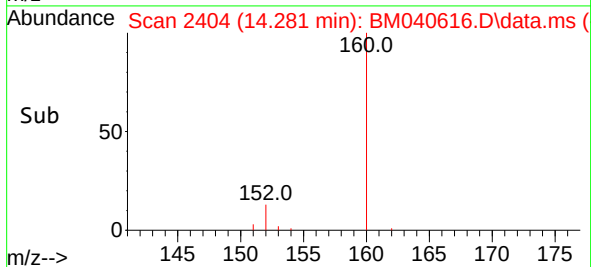
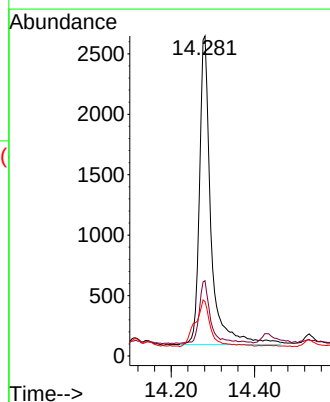
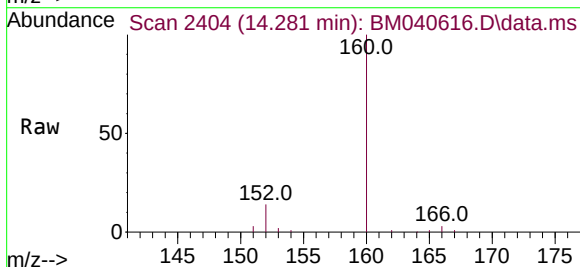
Instrument :
BNA_M
ClientSampleId :

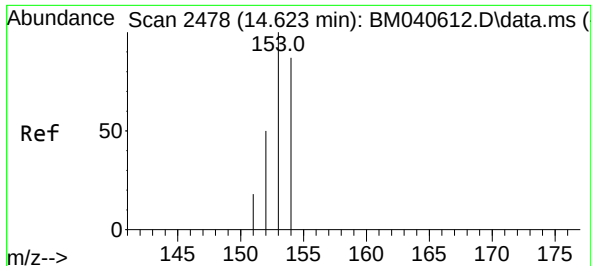
Tgt Ion:142 Resp: 1549
Ion Ratio Lower Upper
142 100
141 93.2 73.7 110.5



#10
Acenaphthylene
Concen: 0.083 ng/ul
RT: 14.281 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BM040616.D
Acq: 04 Jul 2023 17:48

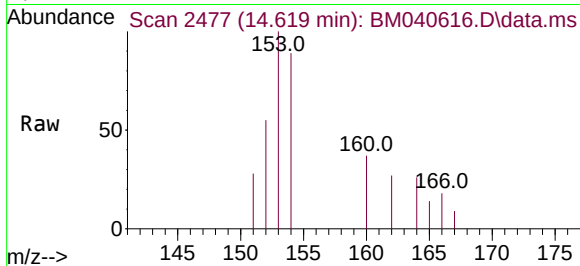
Tgt Ion:152 Resp: 4903
Ion Ratio Lower Upper
152 100
151 23.5 16.2 24.2
153 17.0 10.9 16.3#



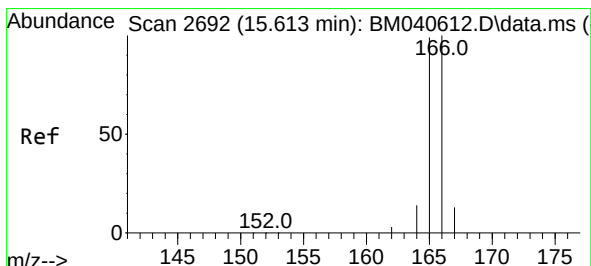
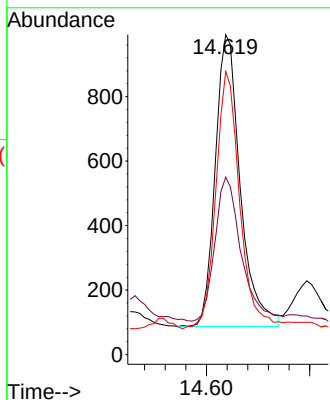
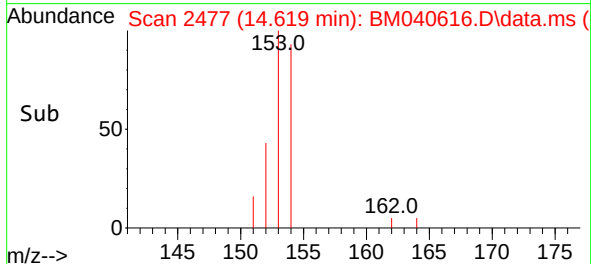


#11
Acenaphthene
Concen: 0.031 ng/ul
RT: 14.619 min Scan# 2477
Delta R.T. -0.014 min
Lab File: BM040616.D
Acq: 04 Jul 2023 17:48

Instrument :
BNA_M
ClientSampleId :

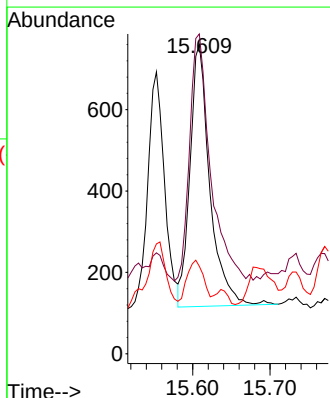
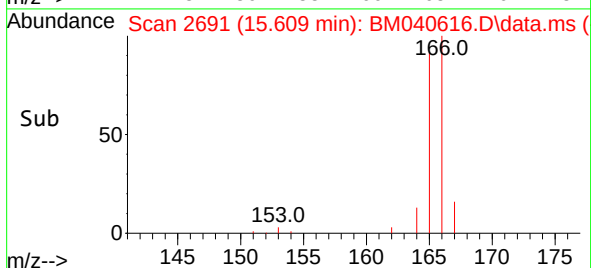
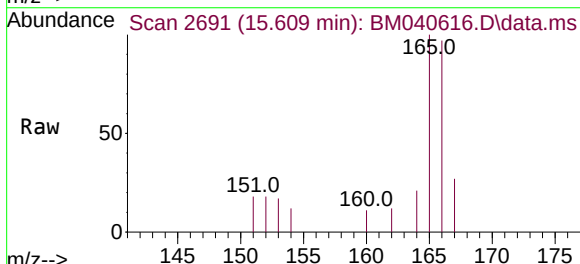


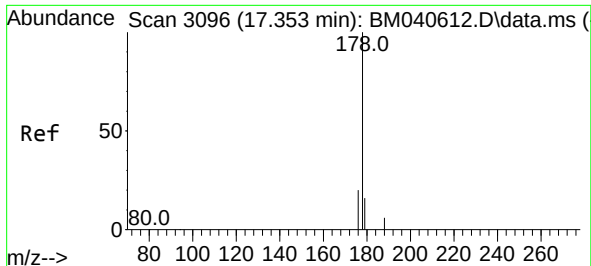
Tgt Ion:153 Resp: 1524
Ion Ratio Lower Upper
153 100
152 55.4 41.0 61.4
154 88.5 70.8 106.2



#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.609 min Scan# 2691
Delta R.T. -0.009 min
Lab File: BM040616.D
Acq: 04 Jul 2023 17:48

Tgt Ion:166 Resp: 1143
Ion Ratio Lower Upper
166 100
165 103.4 79.6 119.4
167 28.3 11.4 17.0#

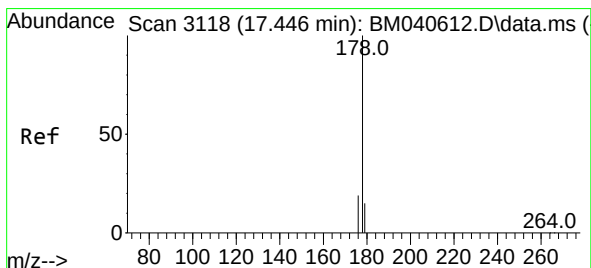
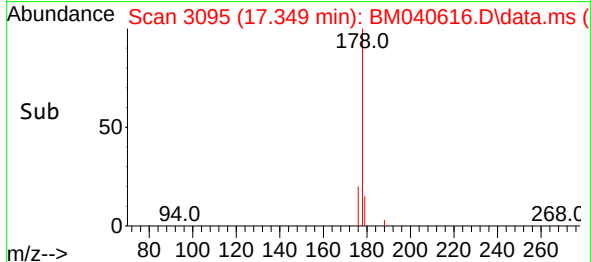
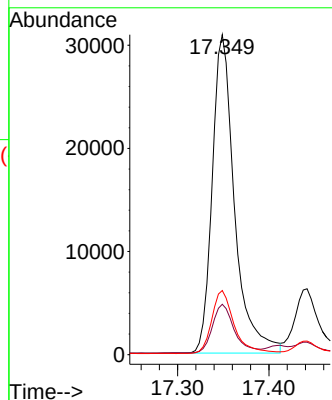
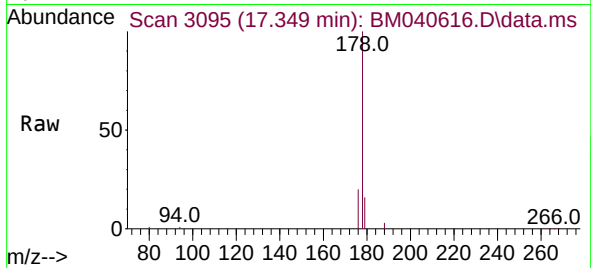




#15
Phenanthrene
Concen: 0.653 ng/ul
RT: 17.349 min Scan# 3095
Delta R.T. -0.013 min
Lab File: BM040616.D
Acq: 04 Jul 2023 17:48

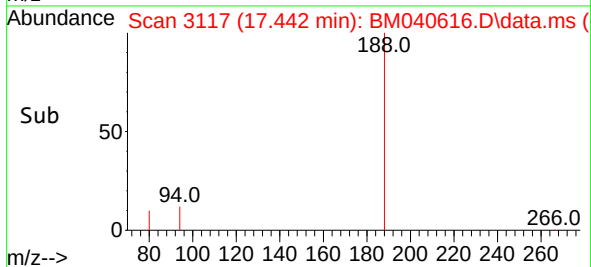
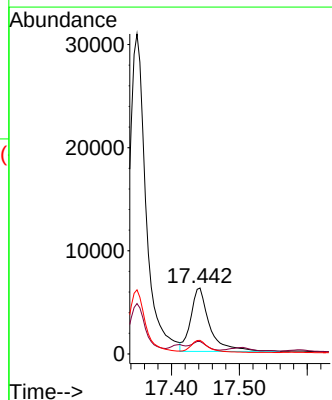
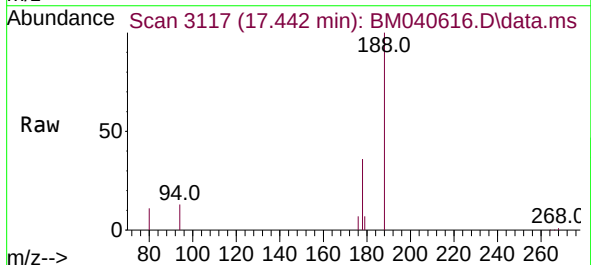
Instrument :
BNA_M
ClientSampleId :

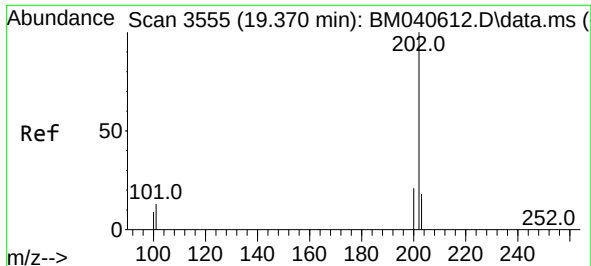
Tgt Ion:178 Resp: 52330
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 20.0 16.4 24.6



#16
Anthracene
Concen: 0.177 ng/ul
RT: 17.442 min Scan# 3117
Delta R.T. -0.013 min
Lab File: BM040616.D
Acq: 04 Jul 2023 17:48

Tgt Ion:178 Resp: 11953
Ion Ratio Lower Upper
178 100
179 18.9 12.9 19.3
176 20.6 15.8 23.6

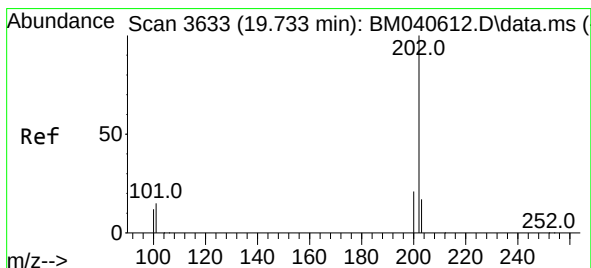
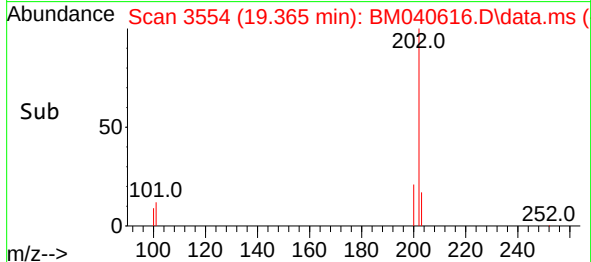
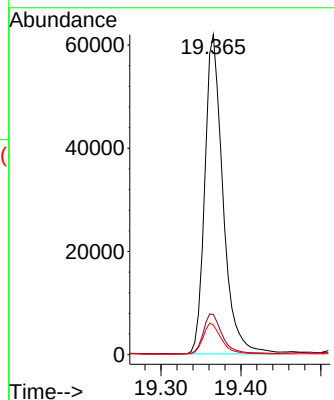
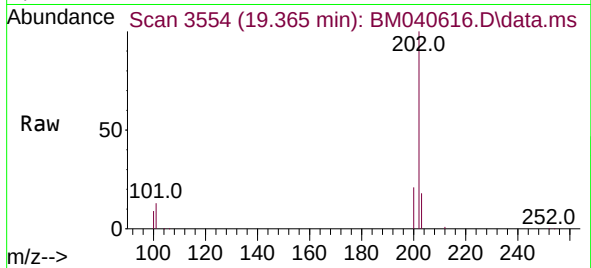




#19
Fluoranthene
Concen: 1.528 ng/ul
RT: 19.365 min Scan# 3555
Delta R.T. -0.014 min
Lab File: BM040616.D
Acq: 04 Jul 2023 17:48

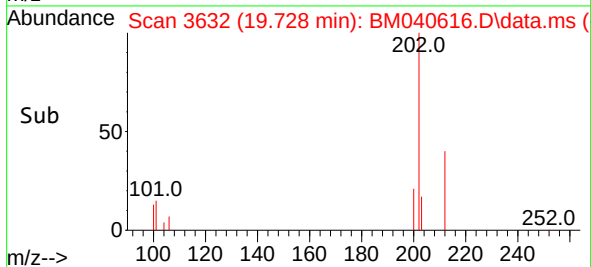
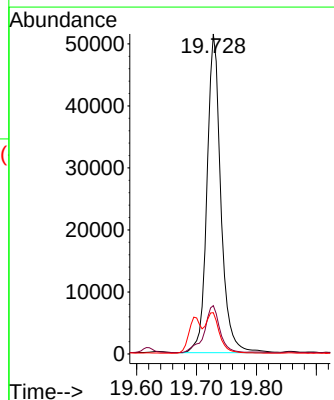
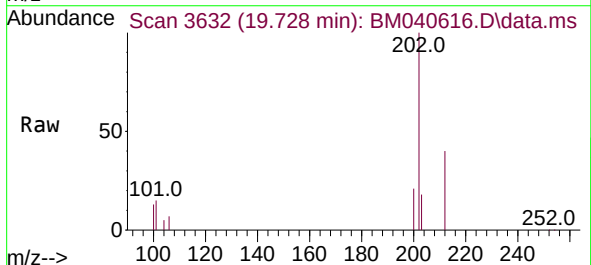
Instrument :
BNA_M
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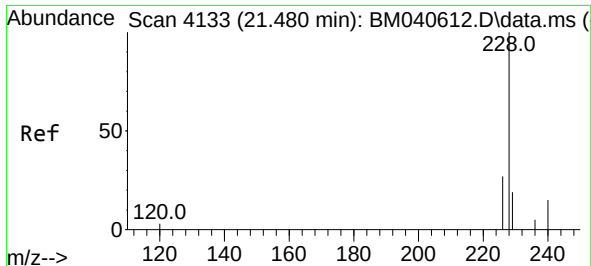
Tgt Ion:202 Resp: 97851
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 9.2 8.7 13.1



#20
Pyrene
Concen: 1.204 ng/ul
RT: 19.728 min Scan# 3632
Delta R.T. -0.014 min
Lab File: BM040616.D
Acq: 04 Jul 2023 17:48

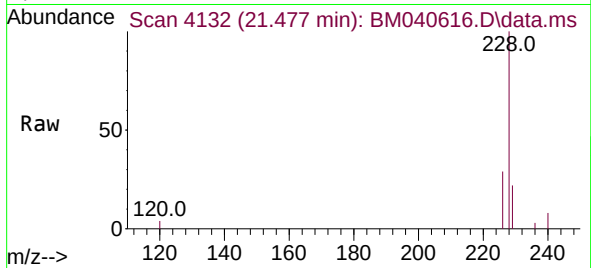
Tgt Ion:202 Resp: 82682
Ion Ratio Lower Upper
202 100
101 15.1 12.6 18.8
100 12.9 9.8 14.6



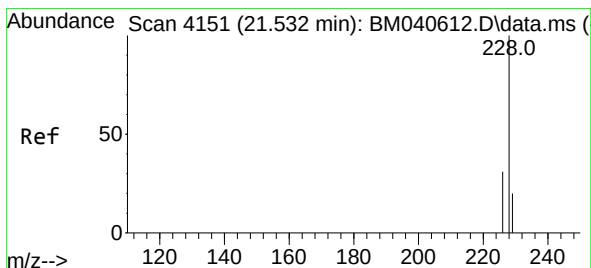
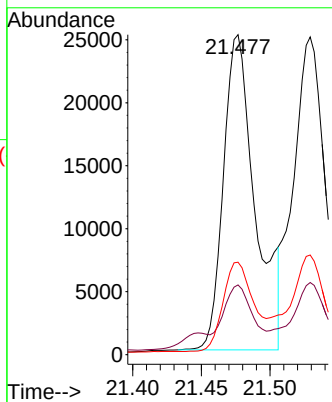
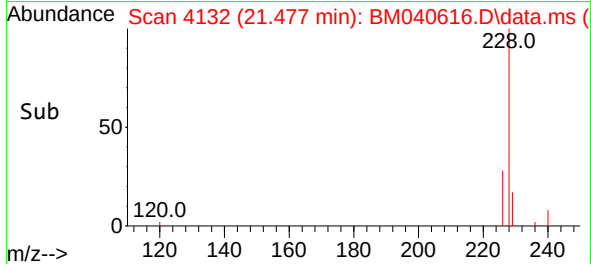


#21
Benzo(a)anthracene
Concen: 0.790 ng/ul
RT: 21.477 min Scan# 4133
Delta R.T. -0.012 min
Lab File: BM040616.D
Acq: 04 Jul 2023 17:48

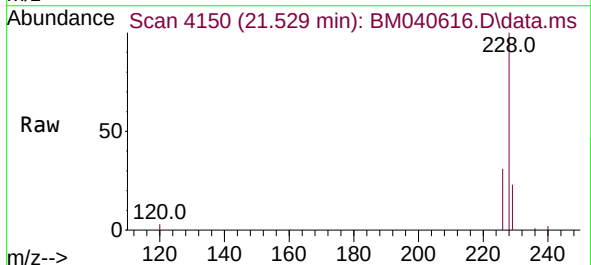
Instrument :
BNA_M
ClientSampleId :



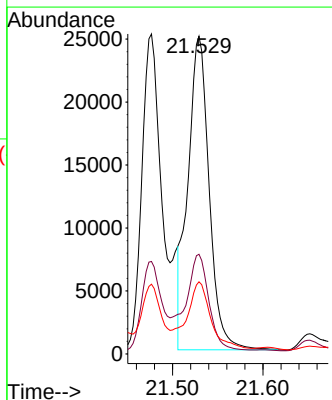
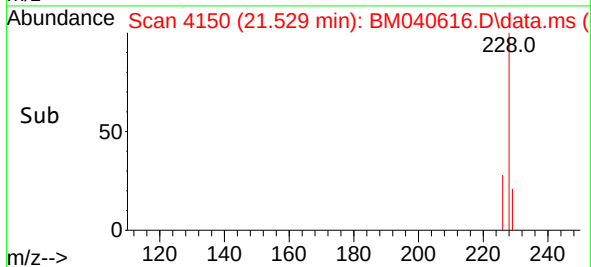
Tgt Ion:228 Resp: 40307
Ion Ratio Lower Upper
228 100
229 21.8 16.0 24.0
226 28.9 22.3 33.5

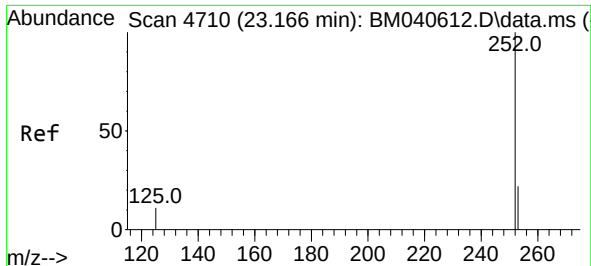


#22
Chrysene
Concen: 0.701 ng/ul
RT: 21.529 min Scan# 4150
Delta R.T. -0.012 min
Lab File: BM040616.D
Acq: 04 Jul 2023 17:48



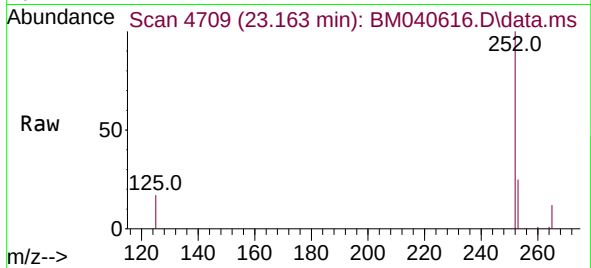
Tgt Ion:228 Resp: 40776
Ion Ratio Lower Upper
228 100
226 31.4 24.9 37.3
229 22.7 15.8 23.6



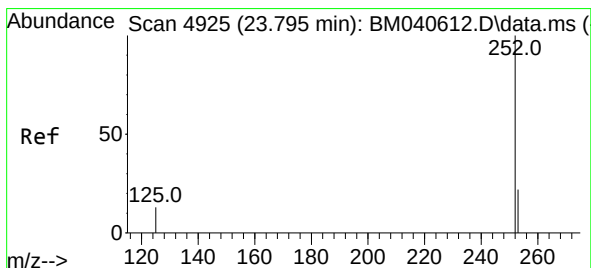
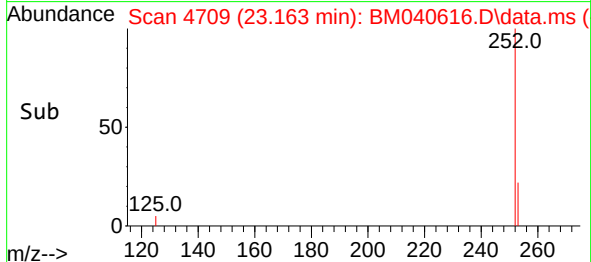
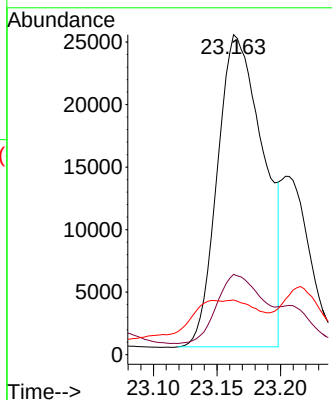


#24
Benzo(b)fluoranthene
Concen: 1.113 ng/ul
RT: 23.163 min Scan# 4710
Delta R.T. -0.018 min
Lab File: BM040616.D
Acq: 04 Jul 2023 17:48

Instrument :
BNA_M
ClientSampleId :

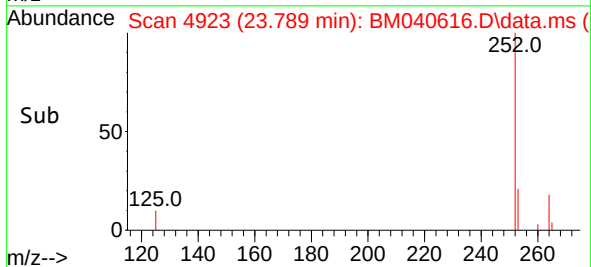
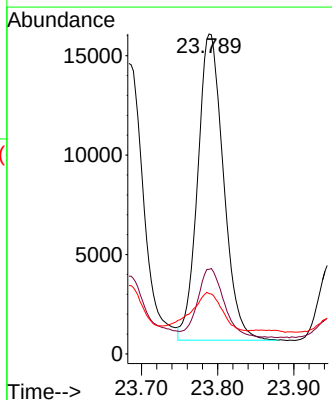
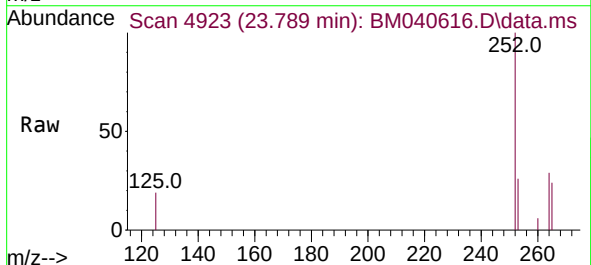


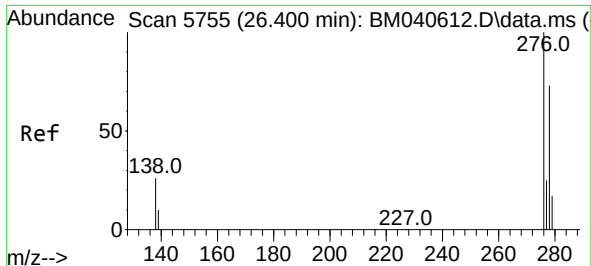
Tgt Ion:252 Resp: 62976
Ion Ratio Lower Upper
252 100
253 25.1 0.0 52.8
125 17.1 0.0 43.0



#26
Benzo(a)pyrene
Concen: 0.710 ng/ul
RT: 23.789 min Scan# 4923
Delta R.T. -0.015 min
Lab File: BM040616.D
Acq: 04 Jul 2023 17:48

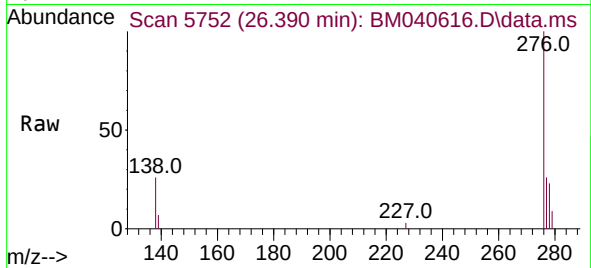
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Ion Ratio Lower Upper
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253 26.5 22.9 34.3
125 18.8 21.0 31.4#



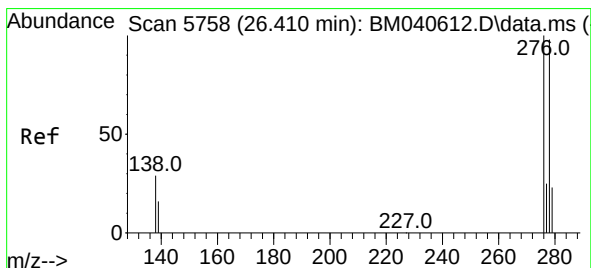
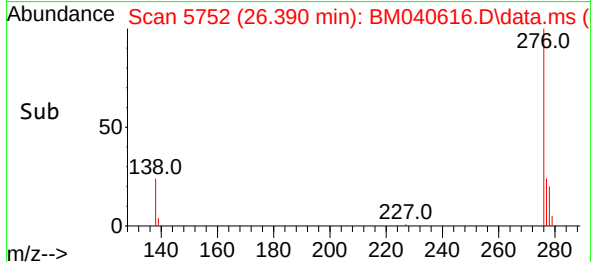
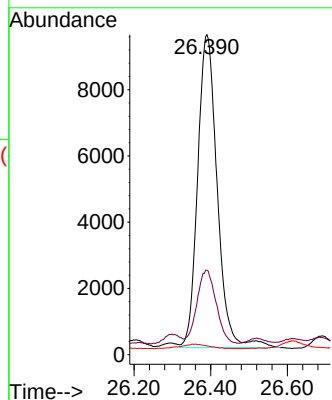


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.473 ng/ul
RT: 26.390 min Scan# 5752
Delta R.T. -0.027 min
Lab File: BM040616.D
Acq: 04 Jul 2023 17:48

Instrument :
BNA_M
ClientSampleId :

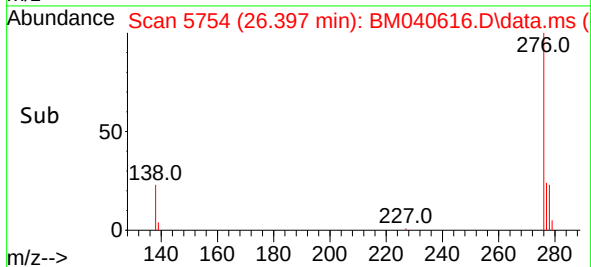
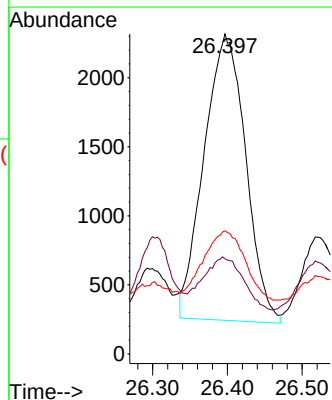
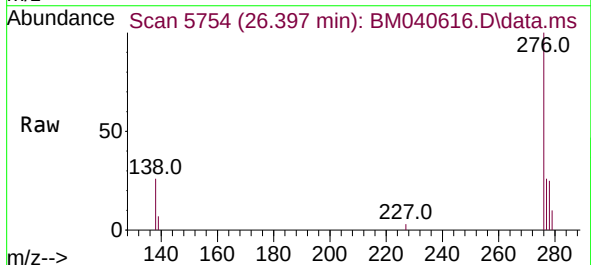


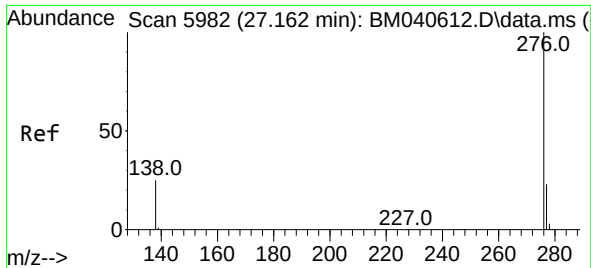
Tgt Ion:276 Resp: 33616
Ion Ratio Lower Upper
276 100
138 22.9 24.5 36.7#
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.144 ng/ul
RT: 26.397 min Scan# 5754
Delta R.T. -0.034 min
Lab File: BM040616.D
Acq: 04 Jul 2023 17:48

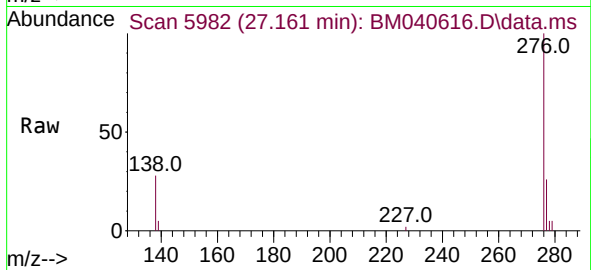
Tgt Ion:278 Resp: 8030
Ion Ratio Lower Upper
278 100
139 29.7 17.9 26.9#
279 38.5 22.0 33.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.489 ng/ul
 RT: 27.161 min Scan# 5982
 Delta R.T. -0.020 min
 Lab File: BM040616.D
 Acq: 04 Jul 2023 17:48

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:	276	Resp:	30435
Ion Ratio	Lower	Upper	
276	100		
138	27.9	23.0	34.6
277	25.8	20.3	30.5

