

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110522\
 Data File : BM037379.D
 Acq On : 05 Nov 2022 16:06
 Operator : CG/JU
 Sample : SSTD1.683
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.6040

Quant Time: Nov 07 00:19:39 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:16:16 2022
 Response via : Initial Calibration

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

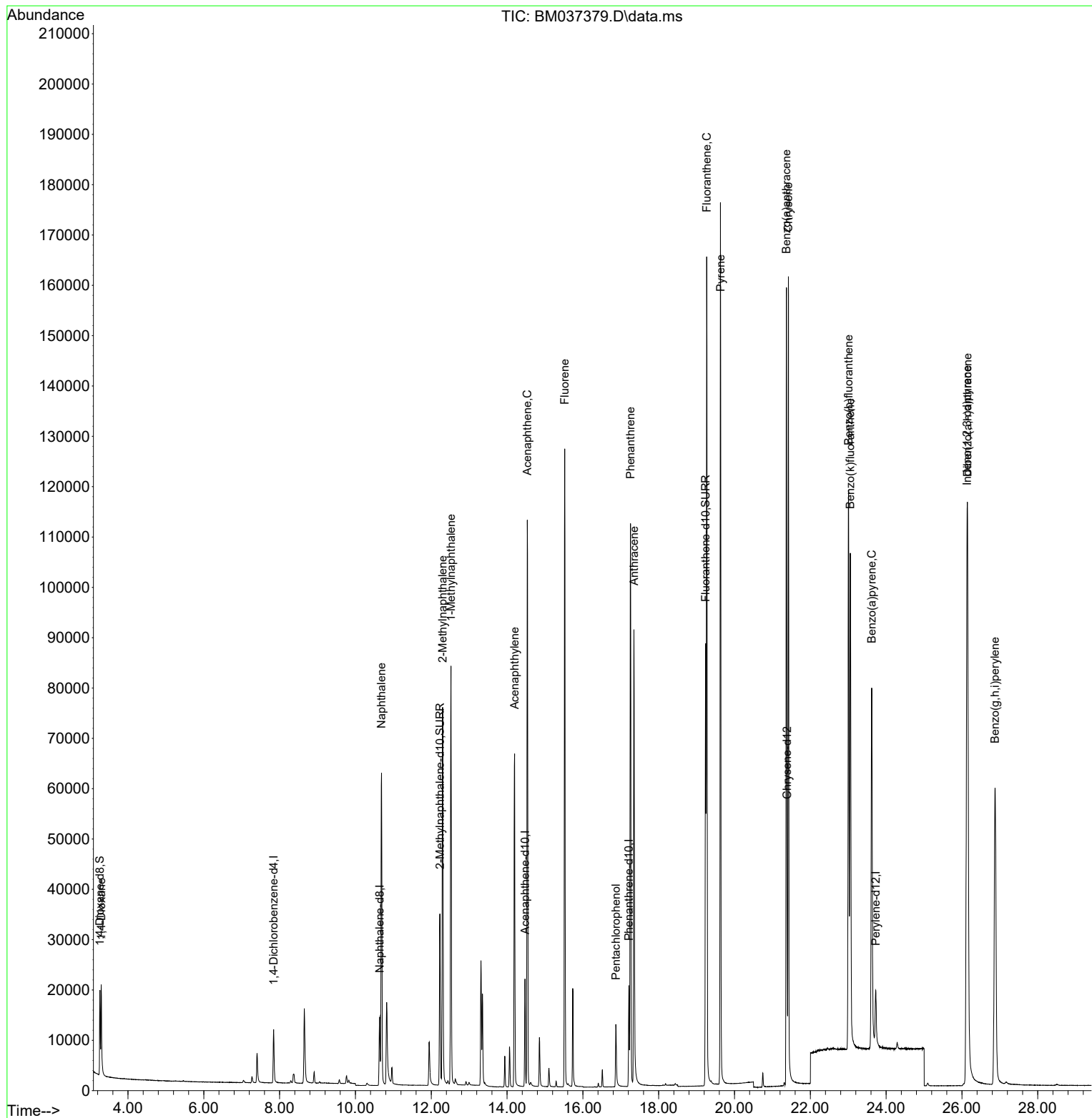
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	6135	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	18980	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	11307	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	23456	0.400	ng/ul	0.00
17) Chrysene-d12	21.385	240	19443	0.400	ng/ul	0.00
23) Perylene-d12	23.723	264	16267	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	11127	1.488	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	45346	1.680	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	94826	1.612	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	11184	1.439	ng/ul#	86
5) Naphthalene	10.688	128	85321	1.518	ng/ul	99
7) 2-Methylnaphthalene	12.299	142	55521	1.649	ng/ul	99
8) 1-Methylnaphthalene	12.519	142	56669	1.649	ng/ul	99
10) Acenaphthylene	14.197	152	76998	1.585	ng/ul	99
11) Acenaphthene	14.534	153	65142	1.484	ng/ul	99
12) Fluorene	15.520	166	75518	1.471	ng/ul	100
14) Pentachlorophenol	16.871	266	9859	1.736	ng/ul	99
15) Phenanthrene	17.255	178	120341	1.520	ng/ul	99
16) Anthracene	17.348	178	105311	1.679	ng/ul	99
19) Fluoranthene	19.267	202	141482	1.675	ng/ul	99
20) Pyrene	19.629	202	144120	1.683	ng/ul	97
21) Benzo(a)anthracene	21.368	228	130247	1.726	ng/ul	100
22) Chrysene	21.420	228	133586	1.539	ng/ul	100
24) Benzo(b)fluoranthene	23.007	252	142708	1.656	ng/ul	92
25) Benzo(k)fluoranthene	23.054	252	138575	1.664	ng/ul#	90
26) Benzo(a)pyrene	23.618	252	117999	1.706	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.134	276	159597	1.652	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.148	278	124016	1.626	ng/ul	95
29) Benzo(g,h,i)perylene	26.872	276	133706	1.573	ng/ul	98

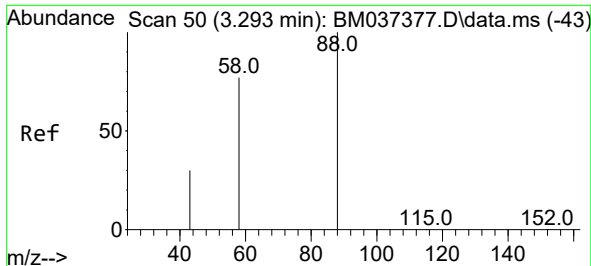
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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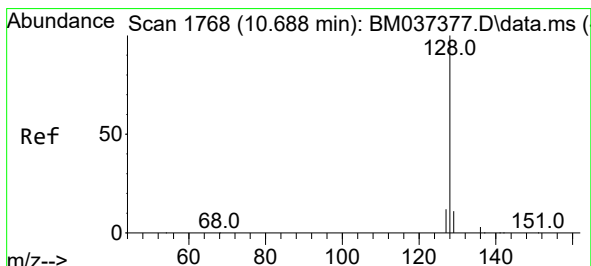
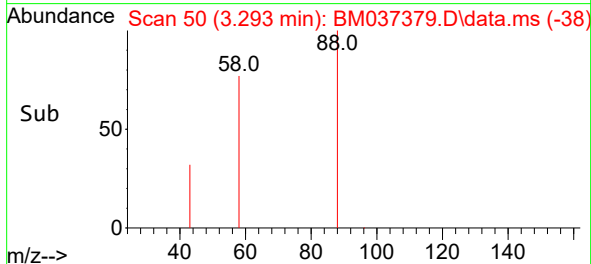
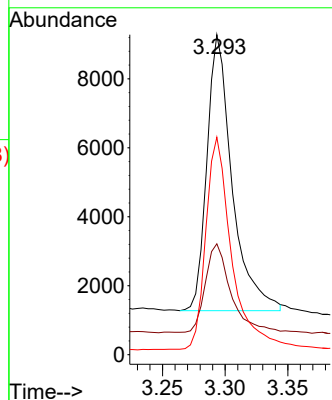
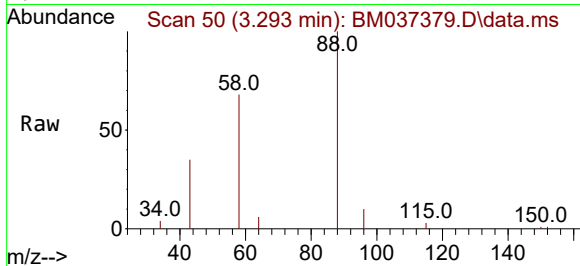




#2
1,4-Dioxane
Concen: 1.439 ng/ul
RT: 3.293 min Scan# 50
Delta R.T. 0.000 min
Lab File: BM037379.D
Acq: 05 Nov 2022 16:06

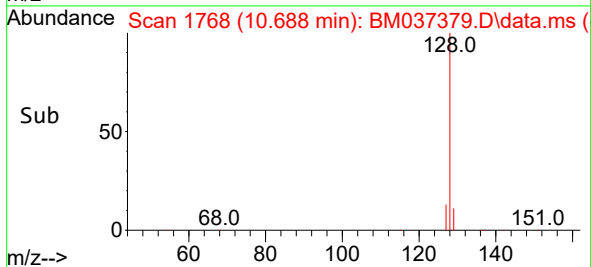
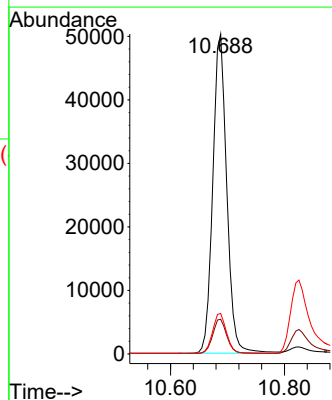
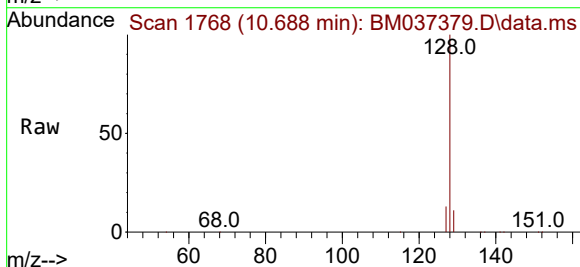
Instrument :
BNA_M
ClientSampleId :
SSTD1.6040

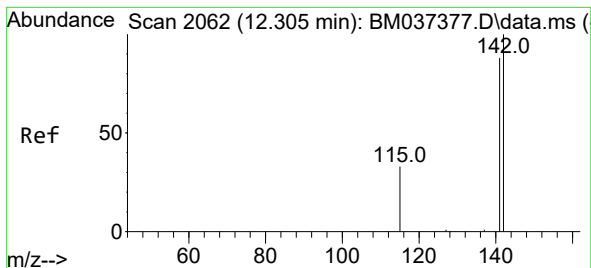
Tgt Ion: 88 Resp: 11184
Ion Ratio Lower Upper
88 100
43 34.7 39.9 59.9#
58 67.9 50.2 75.2



#5
Naphthalene
Concen: 1.518 ng/ul
RT: 10.688 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BM037379.D
Acq: 05 Nov 2022 16:06

Tgt Ion: 128 Resp: 85321
Ion Ratio Lower Upper
128 100
129 10.8 9.2 13.8
127 12.7 10.2 15.4

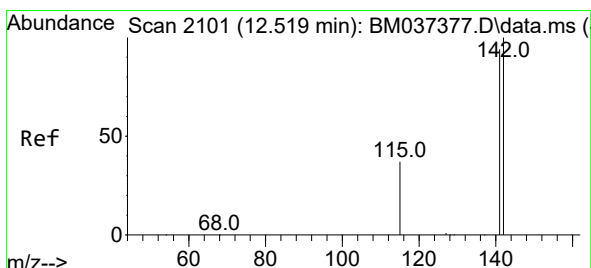
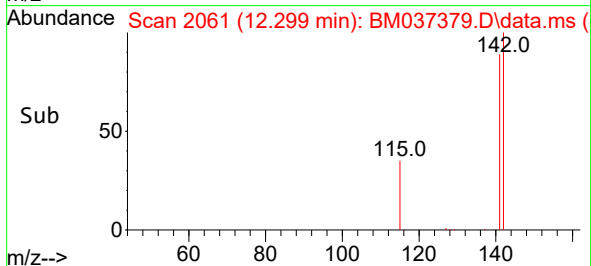
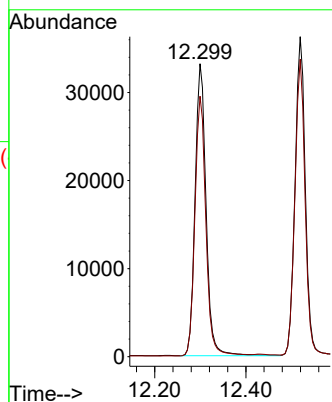
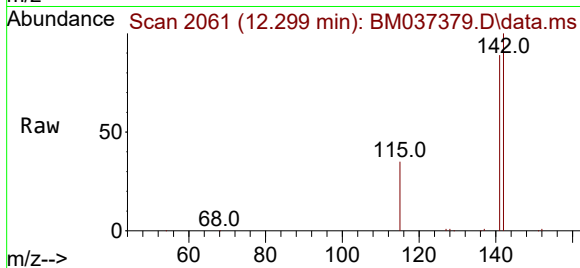




#7
2-Methylnaphthalene
Concen: 1.649 ng/ul
RT: 12.299 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BM037379.D
Acq: 05 Nov 2022 16:06

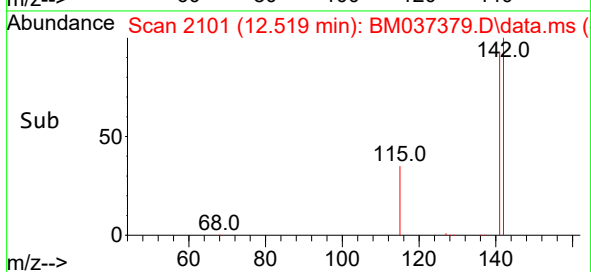
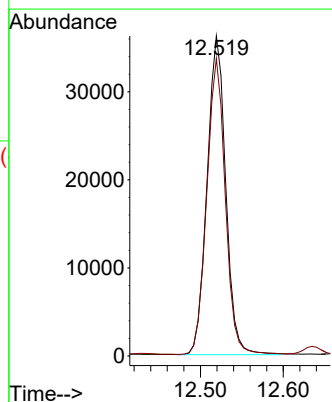
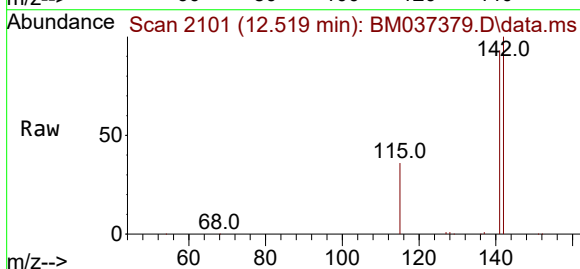
Instrument :
BNA_M
ClientSampleId :
SSTD1.6040

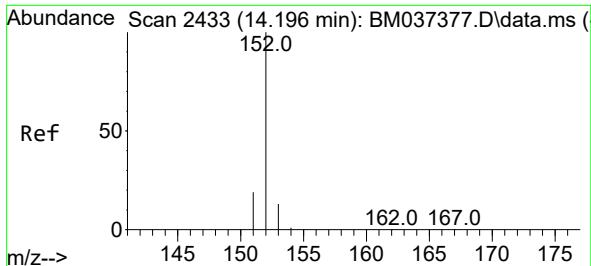
Tgt Ion:142 Resp: 55521
Ion Ratio Lower Upper
142 100
141 88.8 70.6 105.8



#8
1-Methylnaphthalene
Concen: 1.649 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM037379.D
Acq: 05 Nov 2022 16:06

Tgt Ion:142 Resp: 56669
Ion Ratio Lower Upper
142 100
141 91.8 73.9 110.9

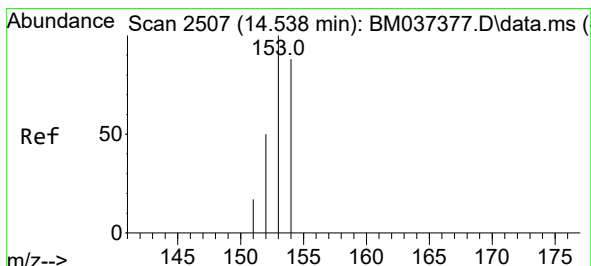
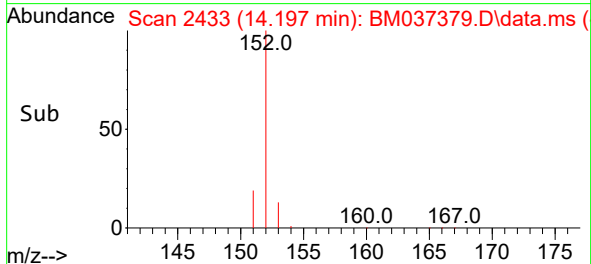
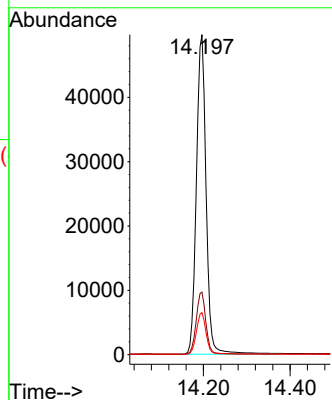
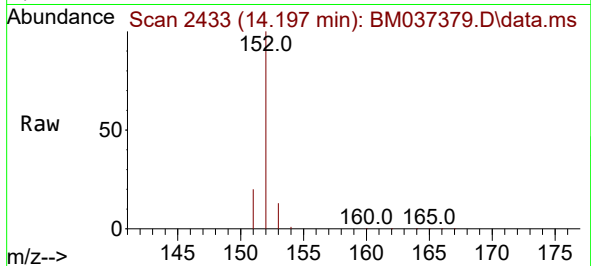




#10
Acenaphthylene
Concen: 1.585 ng/ul
RT: 14.197 min Scan# 2433
Delta R.T. 0.001 min
Lab File: BM037379.D
Acq: 05 Nov 2022 16:06

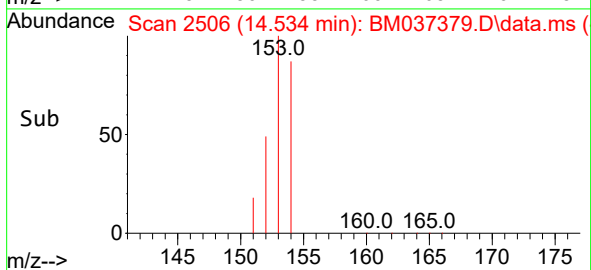
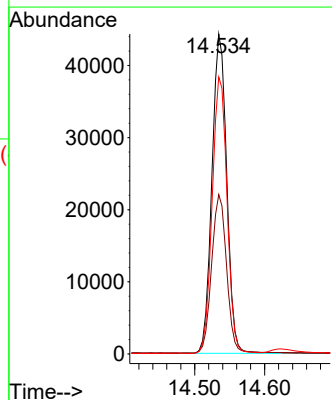
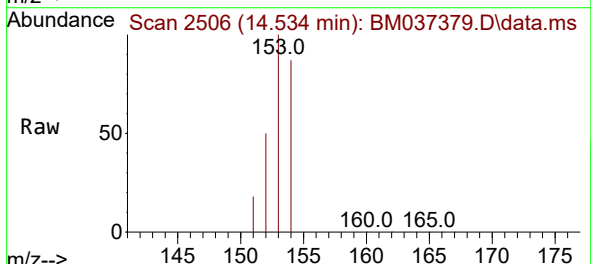
Instrument :
BNA_M
ClientSampleId :
SSTD1.6040

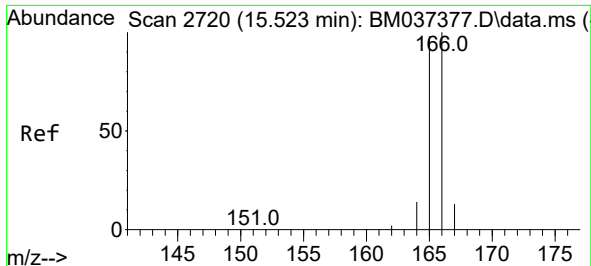
Tgt Ion:152 Resp: 76998
Ion Ratio Lower Upper
152 100
151 19.6 16.1 24.1
153 13.1 11.0 16.4



#11
Acenaphthene
Concen: 1.484 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.004 min
Lab File: BM037379.D
Acq: 05 Nov 2022 16:06

Tgt Ion:153 Resp: 65142
Ion Ratio Lower Upper
153 100
152 49.8 40.2 60.4
154 86.6 70.4 105.6

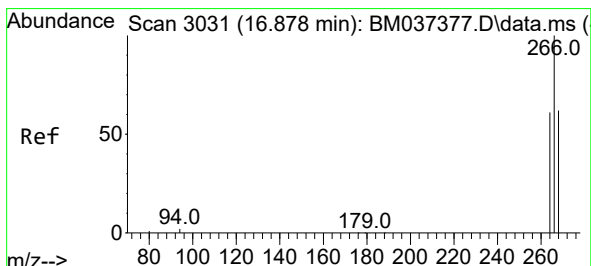
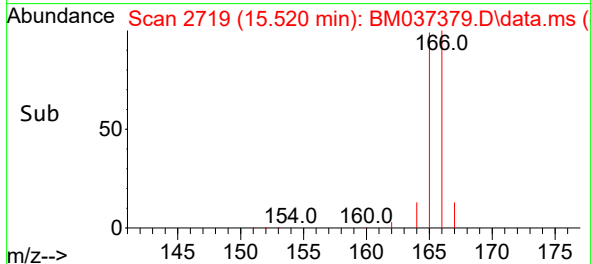
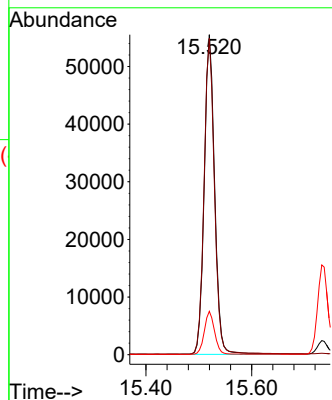
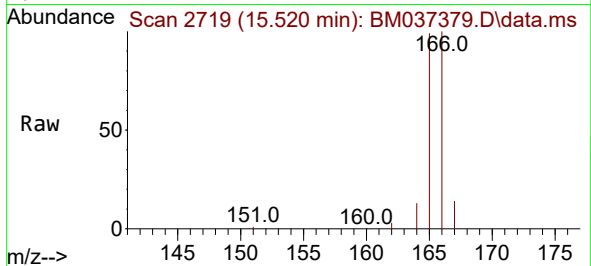




#12
Fluorene
Concen: 1.471 ng/ul
RT: 15.520 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM037379.D
Acq: 05 Nov 2022 16:06

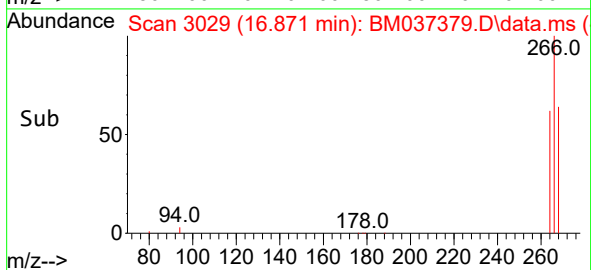
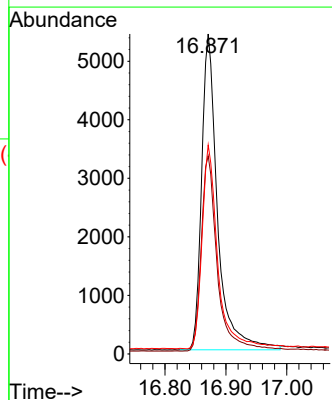
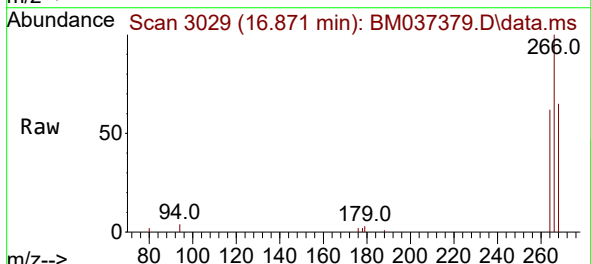
Instrument :
BNA_M
ClientSampleId :
SSTD1.6040

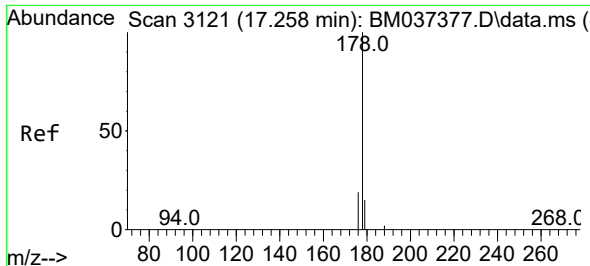
Tgt Ion:166 Resp: 75518
Ion Ratio Lower Upper
166 100
165 98.9 79.0 118.4
167 13.5 11.1 16.7



#14
Pentachlorophenol
Concen: 1.736 ng/ul
RT: 16.871 min Scan# 3029
Delta R.T. -0.008 min
Lab File: BM037379.D
Acq: 05 Nov 2022 16:06

Tgt Ion:266 Resp: 9859
Ion Ratio Lower Upper
266 100
264 62.4 49.9 74.9
268 64.1 51.9 77.9

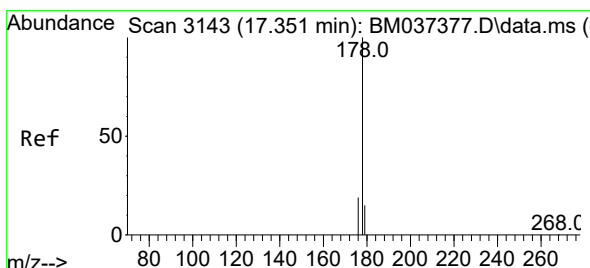
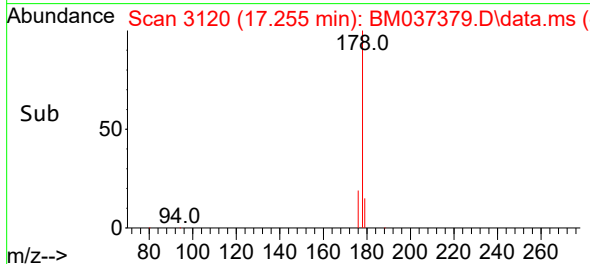
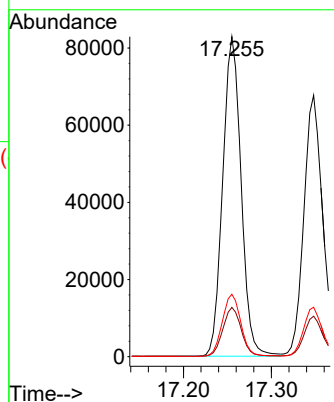
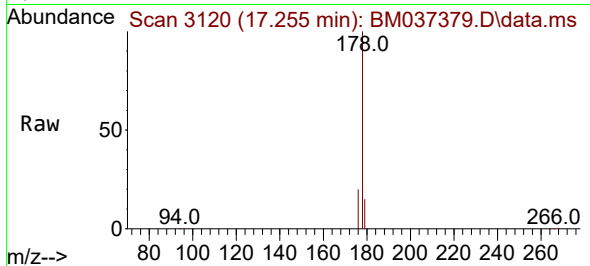




#15
Phenanthrene
Concen: 1.520 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. -0.003 min
Lab File: BM037379.D
Acq: 05 Nov 2022 16:06

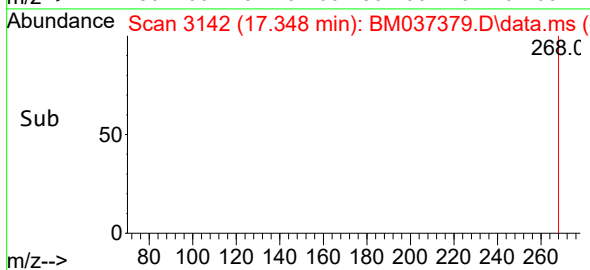
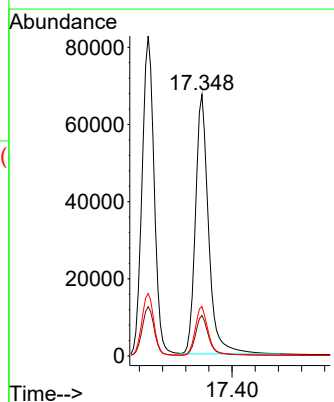
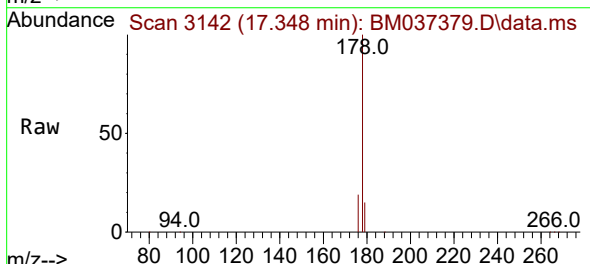
Instrument :
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ClientSampleId :
SSTD1.6040

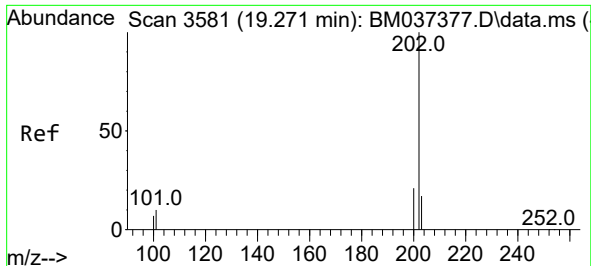
Tgt Ion:178 Resp: 120341
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 19.5 16.0 24.0



#16
Anthracene
Concen: 1.679 ng/ul
RT: 17.348 min Scan# 3142
Delta R.T. -0.003 min
Lab File: BM037379.D
Acq: 05 Nov 2022 16:06

Tgt Ion:178 Resp: 105311
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 18.9 15.5 23.3

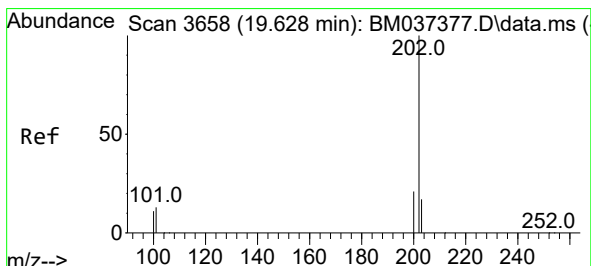
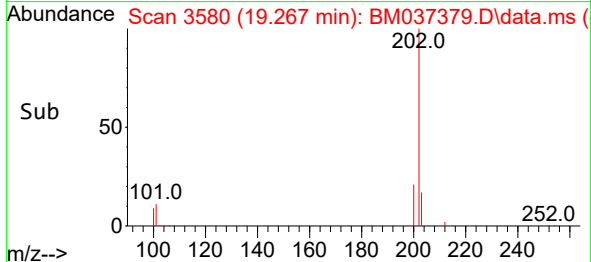
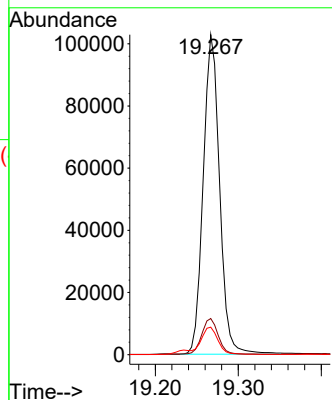
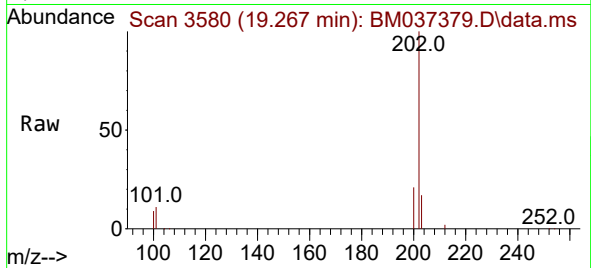




#19
Fluoranthene
Concen: 1.675 ng/ul
RT: 19.267 min Scan# 3580
Delta R.T. -0.004 min
Lab File: BM037379.D
Acq: 05 Nov 2022 16:06

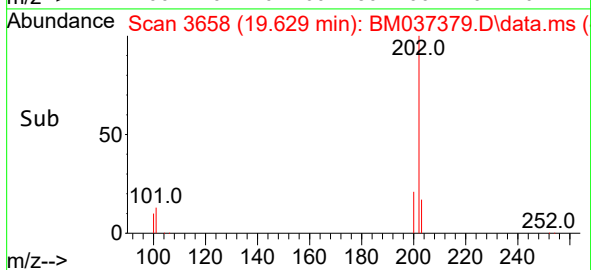
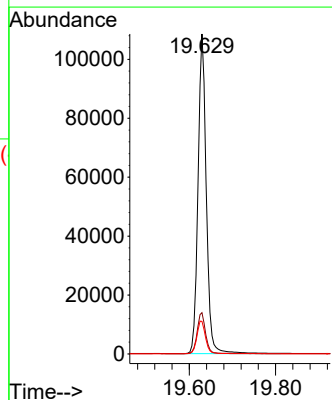
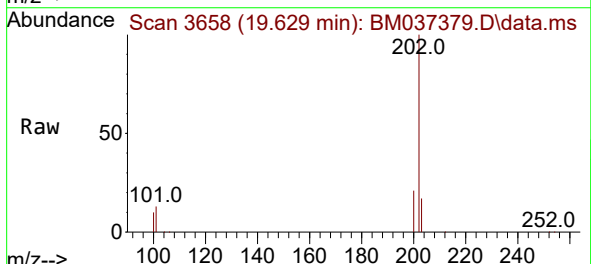
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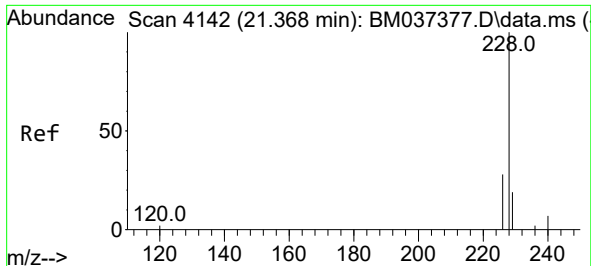
Tgt Ion:202 Resp: 141482
Ion Ratio Lower Upper
202 100
101 11.3 8.7 13.1
100 8.6 6.6 10.0



#20
Pyrene
Concen: 1.683 ng/ul
RT: 19.629 min Scan# 3658
Delta R.T. 0.001 min
Lab File: BM037379.D
Acq: 05 Nov 2022 16:06

Tgt Ion:202 Resp: 144120
Ion Ratio Lower Upper
202 100
101 12.9 11.1 16.7
100 10.2 9.0 13.4

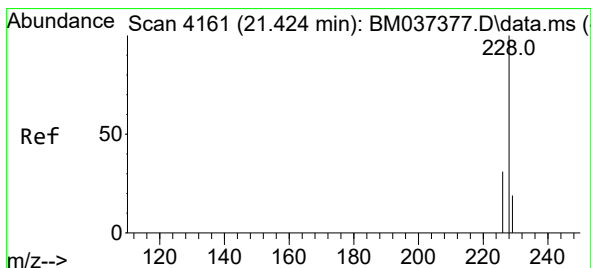
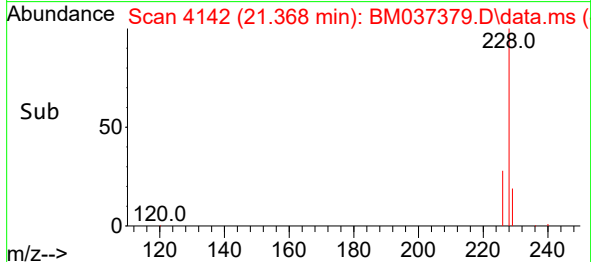
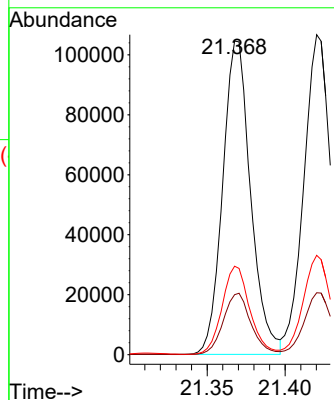
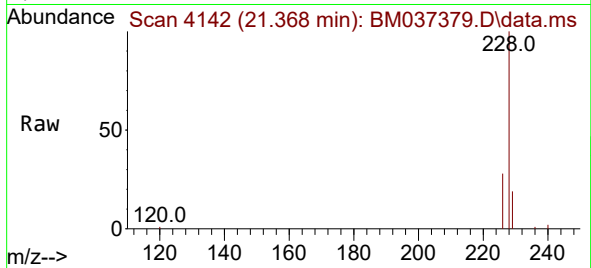




#21
Benzo(a)anthracene
Concen: 1.726 ng/ul
RT: 21.368 min Scan# 4142
Delta R.T. -0.001 min
Lab File: BM037379.D
Acq: 05 Nov 2022 16:06

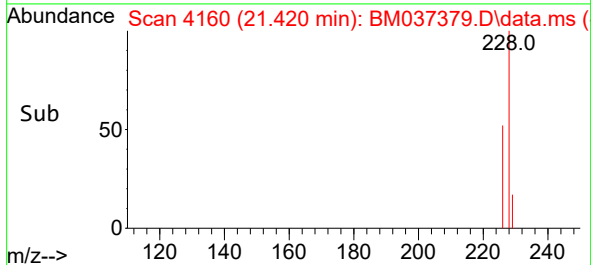
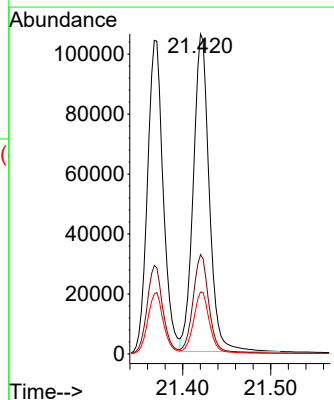
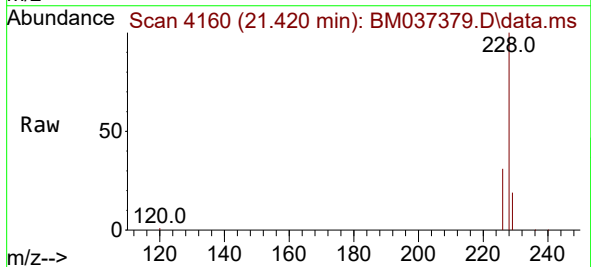
Instrument :
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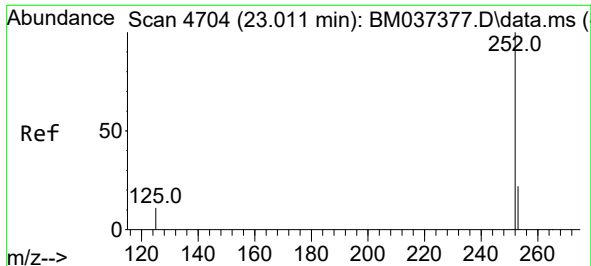
Tgt Ion:228 Resp: 130247
Ion Ratio Lower Upper
228 100
229 19.1 15.7 23.5
226 28.2 22.6 33.8



#22
Chrysene
Concen: 1.539 ng/ul
RT: 21.420 min Scan# 4160
Delta R.T. -0.004 min
Lab File: BM037379.D
Acq: 05 Nov 2022 16:06

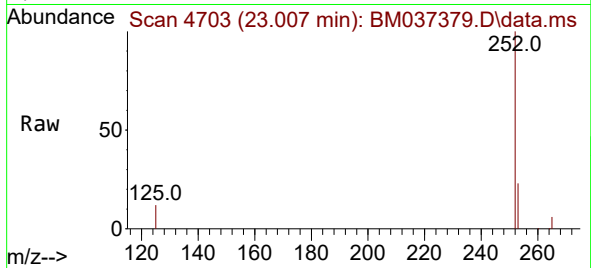
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Ion Ratio Lower Upper
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229 19.4 15.6 23.4



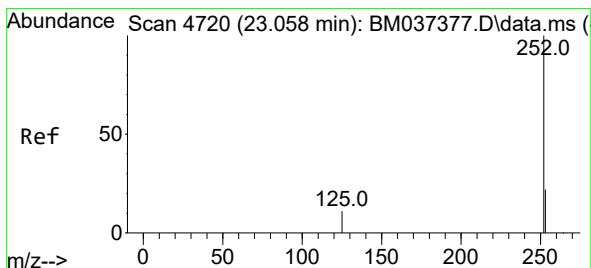
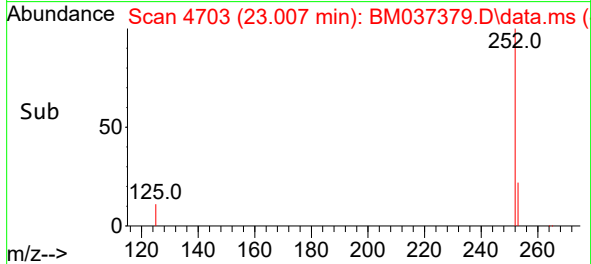
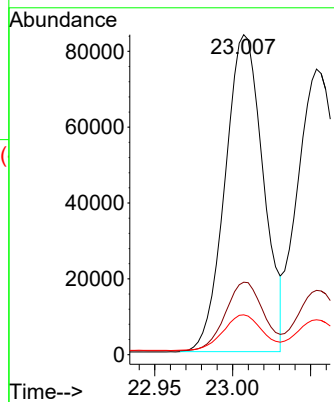


#24
Benzo(b)fluoranthene
Concen: 1.656 ng/ul
RT: 23.007 min Scan# 4719
Delta R.T. -0.004 min
Lab File: BM037379.D
Acq: 05 Nov 2022 16:06

Instrument :
BNA_M
ClientSampleId :
SSTD1.6040

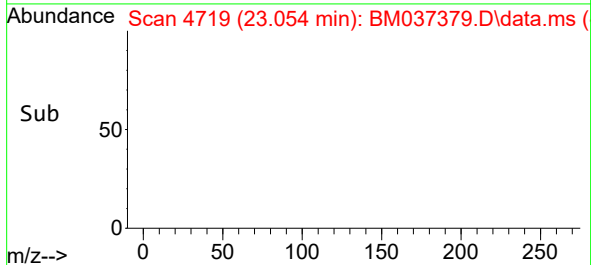
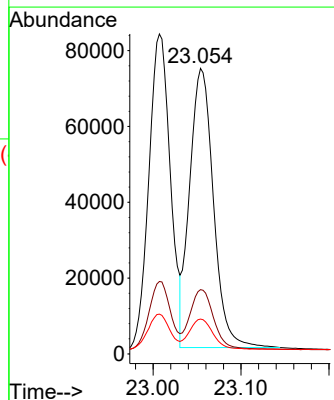
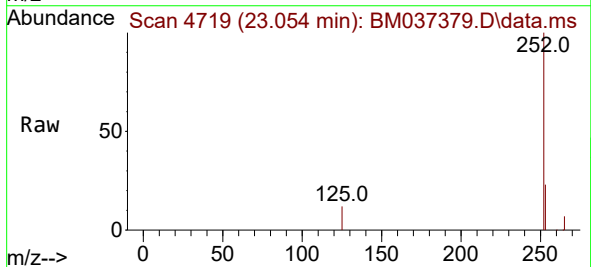


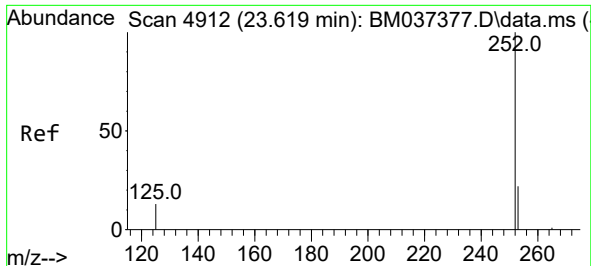
Tgt Ion:252 Resp: 142708
Ion Ratio Lower Upper
252 100
253 22.7 0.0 52.6
125 12.5 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 1.664 ng/ul
RT: 23.054 min Scan# 4719
Delta R.T. -0.004 min
Lab File: BM037379.D
Acq: 05 Nov 2022 16:06

Tgt Ion:252 Resp: 138575
Ion Ratio Lower Upper
252 100
253 22.5 21.6 32.4
125 12.2 13.8 20.8#

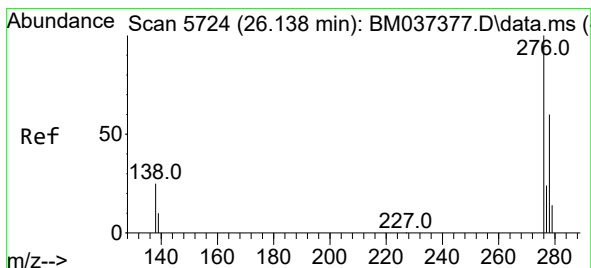
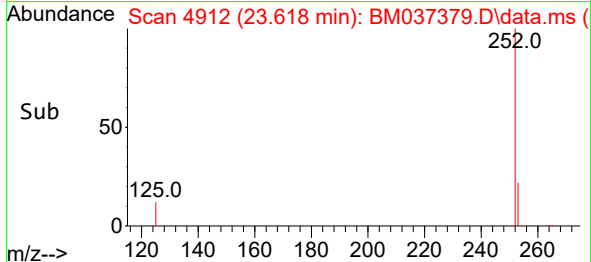
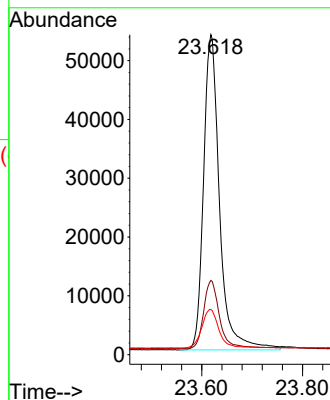
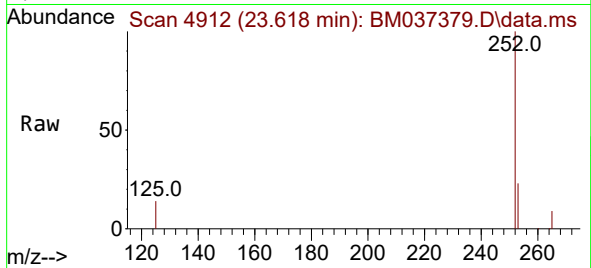




#26
Benzo(a)pyrene
Concen: 1.706 ng/ul
RT: 23.618 min Scan# 4912
Delta R.T. -0.001 min
Lab File: BM037379.D
Acq: 05 Nov 2022 16:06

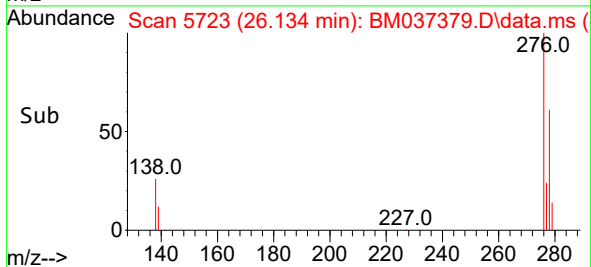
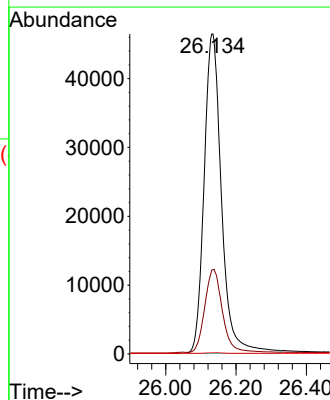
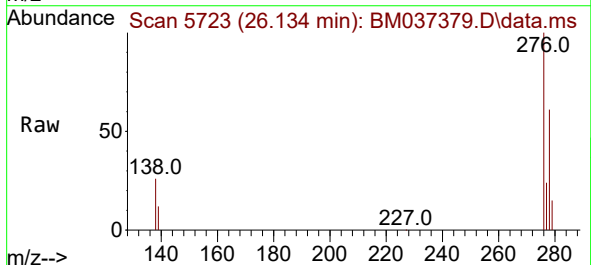
Instrument :
BNA_M
ClientSampleId :
SSTD1.6040

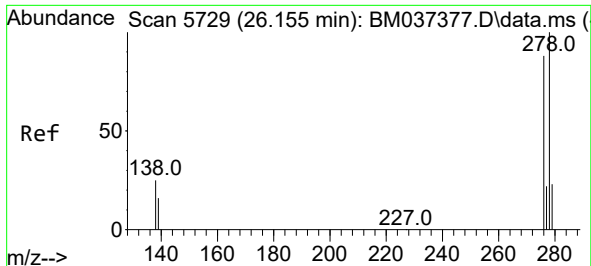
Tgt Ion:252 Resp: 117999
Ion Ratio Lower Upper
252 100
253 23.2 23.8 35.6#
125 14.1 17.2 25.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.652 ng/ul
RT: 26.134 min Scan# 5723
Delta R.T. -0.004 min
Lab File: BM037379.D
Acq: 05 Nov 2022 16:06

Tgt Ion:276 Resp: 159597
Ion Ratio Lower Upper
276 100
138 26.1 20.8 31.2
227 0.2 0.1 0.1#

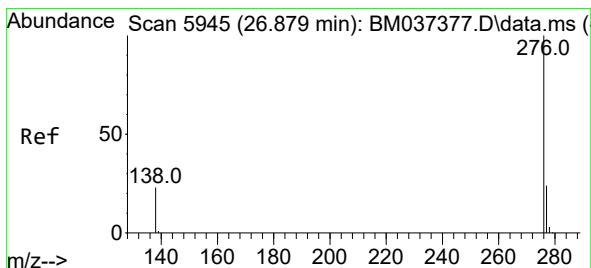
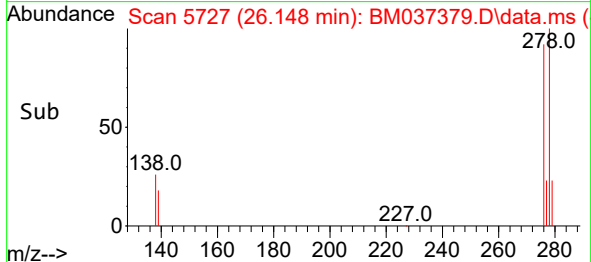
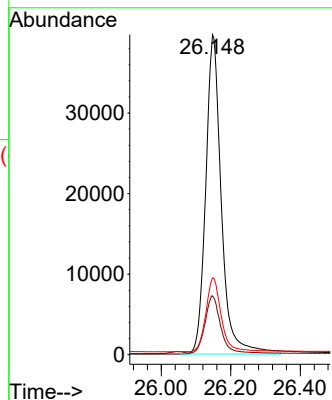
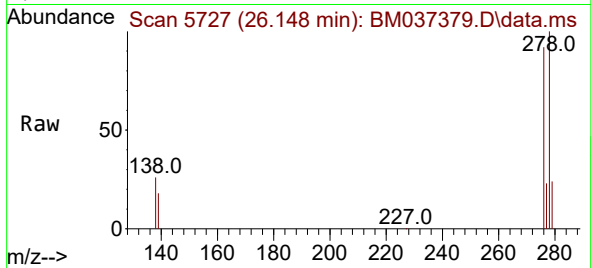




#28
Dibenzo(a,h)anthracene
Concen: 1.626 ng/ul
RT: 26.148 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM037379.D
Acq: 05 Nov 2022 16:06

Instrument :
BNA_M
ClientSampleId :
SSTD1.6040

Tgt Ion:278 Resp: 124016
Ion Ratio Lower Upper
278 100
139 18.4 15.2 22.8
279 24.0 22.2 33.2



#29
Benzo(g,h,i)perylene
Concen: 1.573 ng/ul
RT: 26.872 min Scan# 5943
Delta R.T. -0.008 min
Lab File: BM037379.D
Acq: 05 Nov 2022 16:06

Tgt Ion:276 Resp: 133706
Ion Ratio Lower Upper
276 100
138 23.6 19.6 29.4
277 23.7 20.1 30.1

