

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027799.D
 Acq On : 21 Sep 2023 23:08
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4267

Quant Time: Sep 22 04:02:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

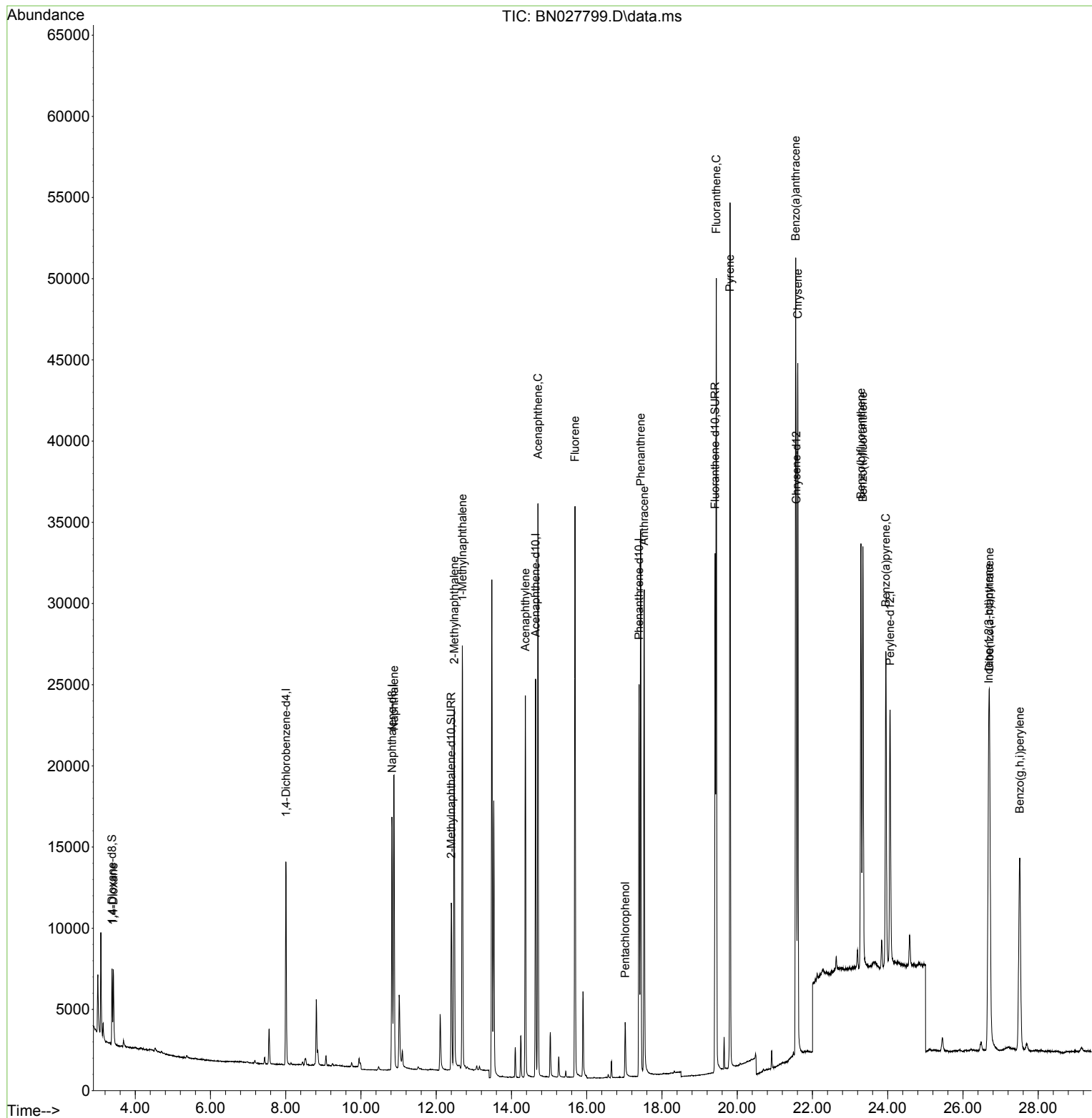
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	6482	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	22089	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	13306	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	28392	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	24952	0.400	ng/ul	0.00
23) Perylene-d12	24.064	264	22830	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	3151	0.386	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	14258	0.426	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	33788	0.443	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.418	88	3233	0.380	ng/ul	98
5) Naphthalene	10.878	128	25979	0.412	ng/ul	100
7) 2-Methylnaphthalene	12.478	142	16805	0.420	ng/ul	100
8) 1-Methylnaphthalene	12.693	142	17796	0.431	ng/ul	99
10) Acenaphthylene	14.370	152	26086	0.449	ng/ul	99
11) Acenaphthene	14.703	153	20017	0.398	ng/ul	98
12) Fluorene	15.688	166	22602	0.383	ng/ul	99
14) Pentachlorophenol	17.020	266	2574	0.387	ng/ul	97
15) Phenanthrene	17.434	178	35979	0.403	ng/ul	99
16) Anthracene	17.527	178	32868	0.440	ng/ul	99
19) Fluoranthene	19.445	202	42404	0.420	ng/ul	98
20) Pyrene	19.808	202	44742	0.430	ng/ul	99
21) Benzo(a)anthracene	21.550	228	40952	0.424	ng/ul	99
22) Chrysene	21.609	228	39518	0.396	ng/ul	99
24) Benzo(b)fluoranthene	23.287	252	36291	0.357	ng/ul	95
25) Benzo(k)fluoranthene	23.339	252	37279	0.378	ng/ul	96
26) Benzo(a)pyrene	23.950	252	31052	0.379	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.683	276	34308	0.327	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.706	278	27834	0.330	ng/ul	96
29) Benzo(g,h,i)perylene	27.508	276	28116	0.316	ng/ul	98

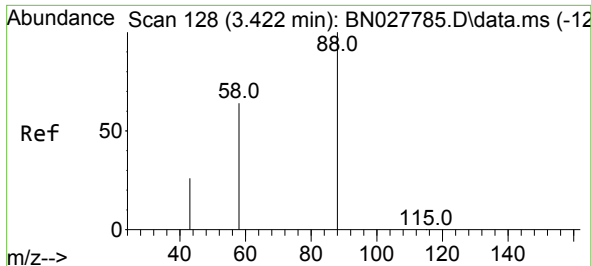
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration

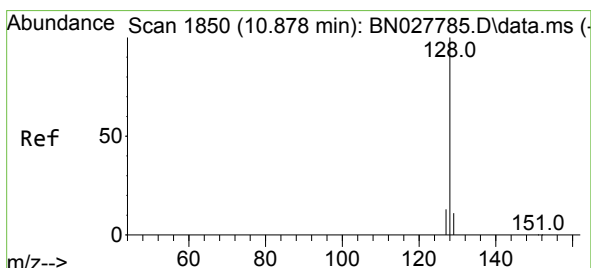
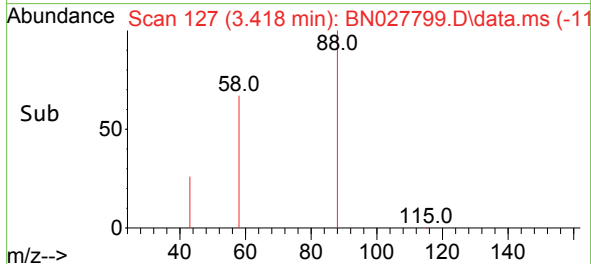
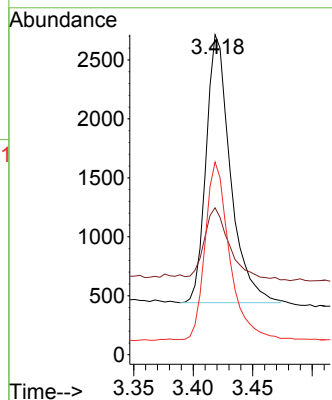
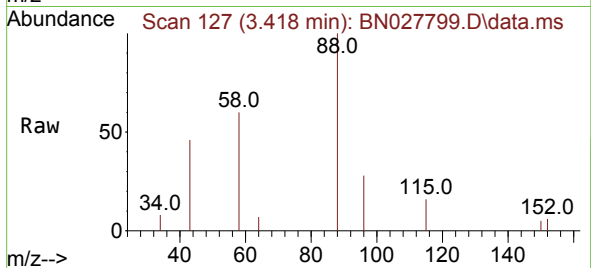




#2
1,4-Dioxane
Concen: 0.380 ng/ul
RT: 3.418 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027799.D
Acq: 21 Sep 2023 23:08

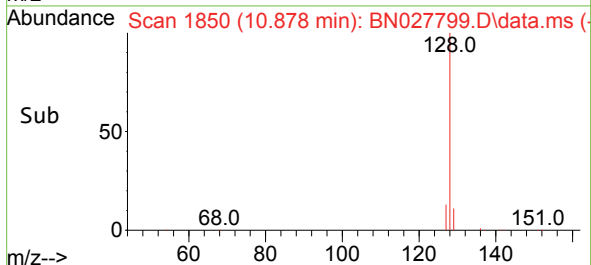
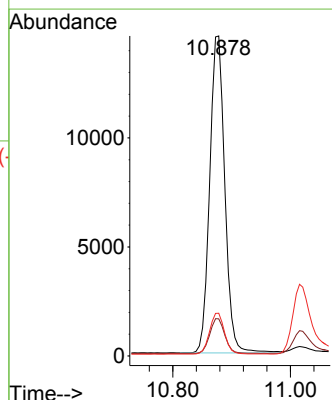
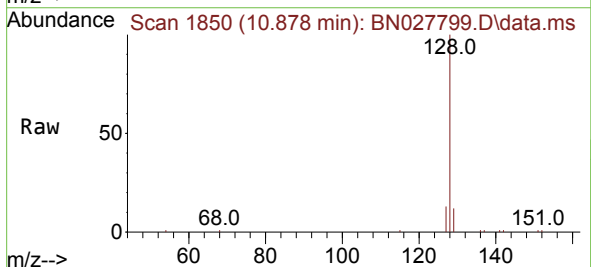
Instrument :
BNA_N
ClientSampleId :
SSTD0.4267

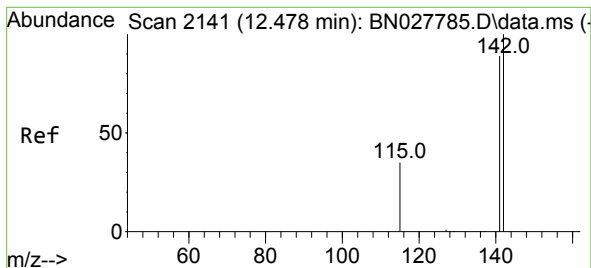
Tgt Ion: 88 Resp: 3233
Ion Ratio Lower Upper
88 100
43 45.9 39.6 59.4
58 60.2 48.3 72.5



#5
Naphthalene
Concen: 0.412 ng/ul
RT: 10.878 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BN027799.D
Acq: 21 Sep 2023 23:08

Tgt Ion: 128 Resp: 25979
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.4 10.7 16.1

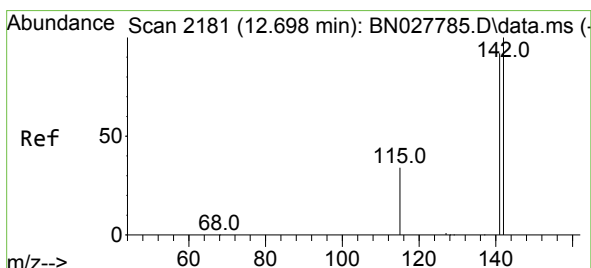
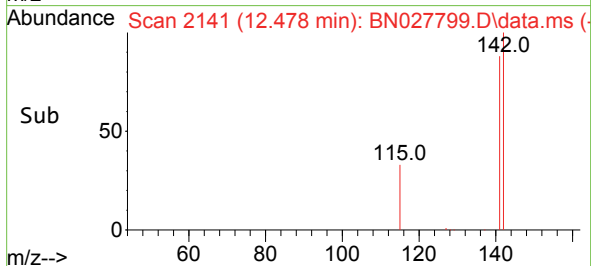
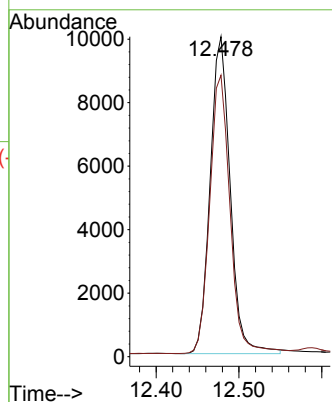
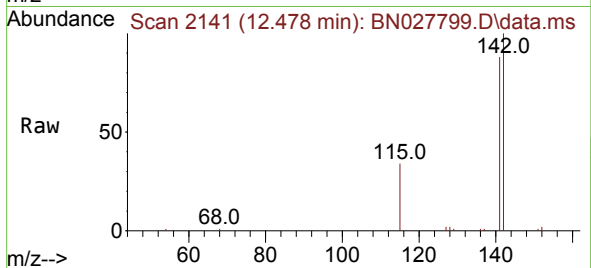




#7
2-Methylnaphthalene
Concen: 0.420 ng/ul
RT: 12.478 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BN027799.D
Acq: 21 Sep 2023 23:08

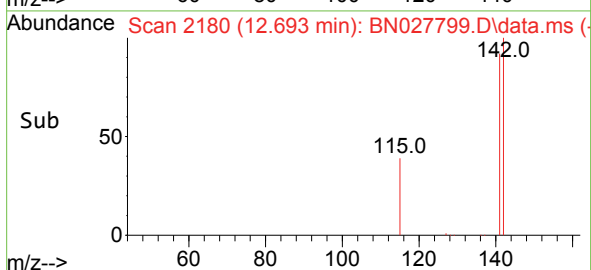
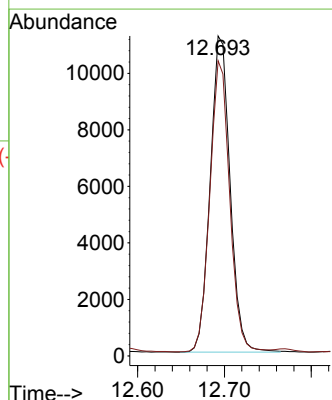
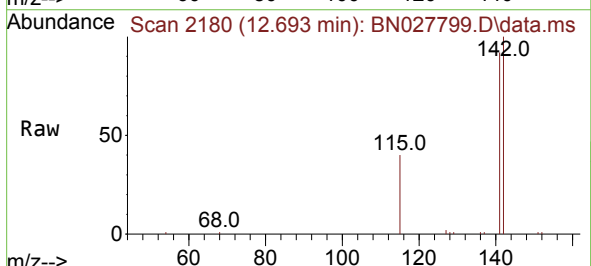
Instrument :
BNA_N
ClientSampleId :
SSTD0.4267

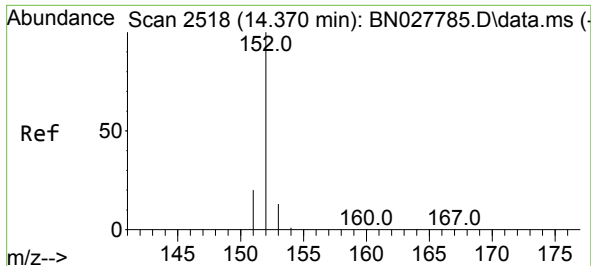
Tgt Ion:142 Resp: 16805
Ion Ratio Lower Upper
142 100
141 88.7 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.431 ng/ul
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027799.D
Acq: 21 Sep 2023 23:08

Tgt Ion:142 Resp: 17796
Ion Ratio Lower Upper
142 100
141 91.6 72.8 109.2

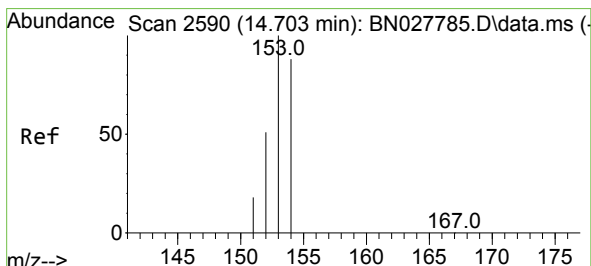
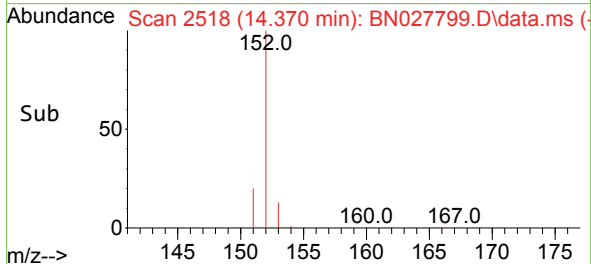
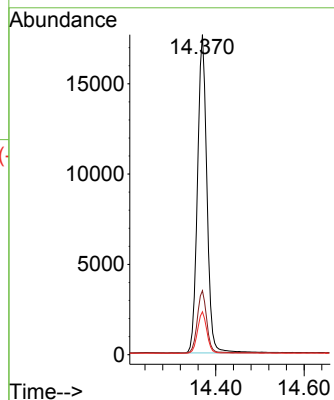
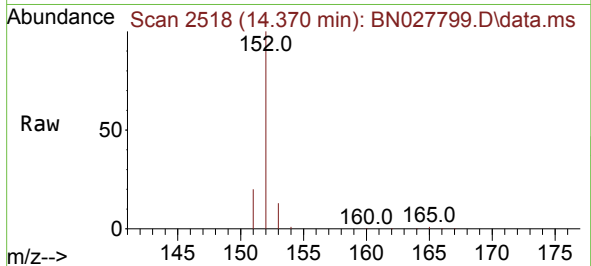




#10
Acenaphthylene
Concen: 0.449 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027799.D
Acq: 21 Sep 2023 23:08

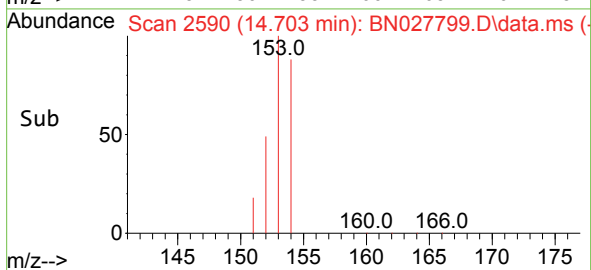
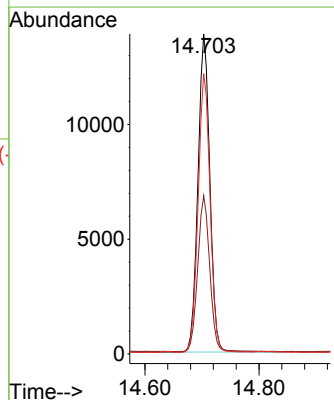
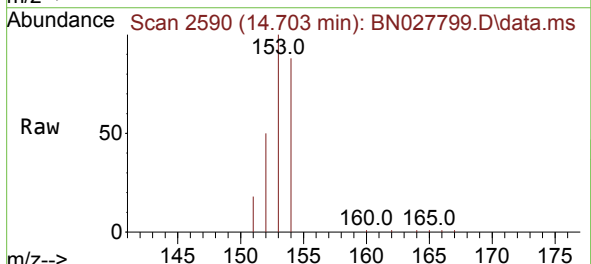
Instrument :
BNA_N
ClientSampleId :
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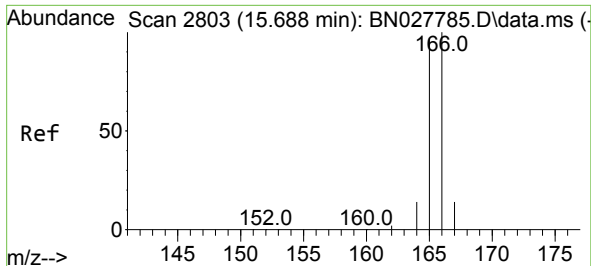
Tgt Ion:152 Resp: 26086
Ion Ratio Lower Upper
152 100
151 20.0 16.6 25.0
153 13.4 11.0 16.6



#11
Acenaphthene
Concen: 0.398 ng/ul
RT: 14.703 min Scan# 2590
Delta R.T. 0.000 min
Lab File: BN027799.D
Acq: 21 Sep 2023 23:08

Tgt Ion:153 Resp: 20017
Ion Ratio Lower Upper
153 100
152 49.5 41.7 62.5
154 87.6 70.3 105.5

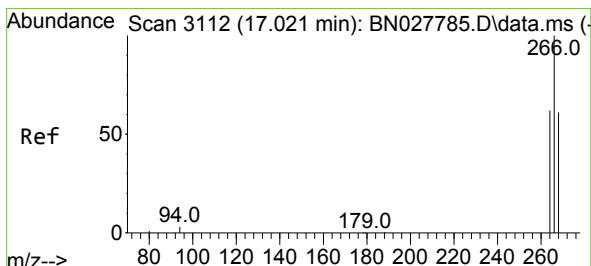
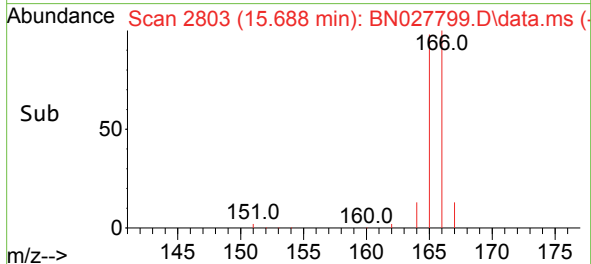
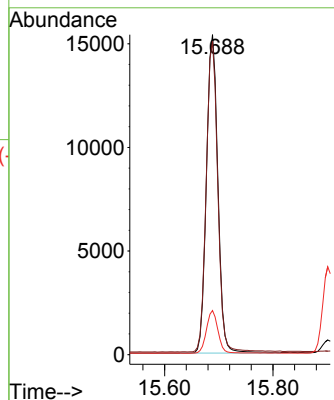
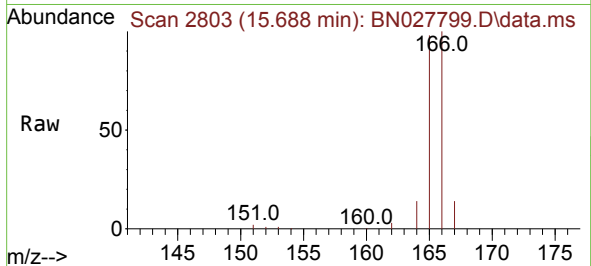




#12
 Fluorene
 Concen: 0.383 ng/ul
 RT: 15.688 min Scan# 2803
 Delta R.T. 0.000 min
 Lab File: BN027799.D
 Acq: 21 Sep 2023 23:08

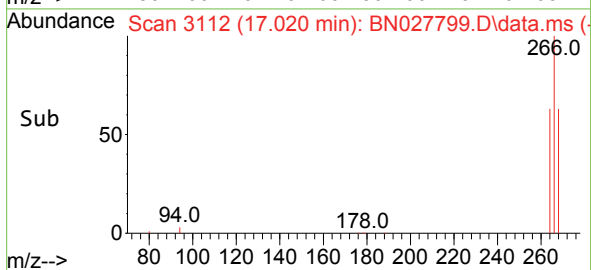
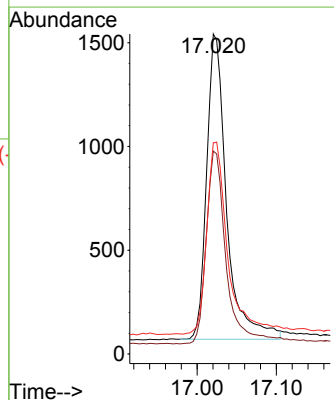
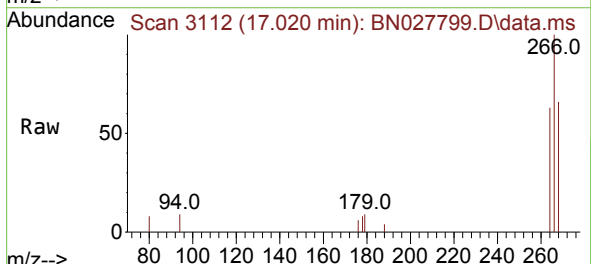
Instrument :
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 ClientSampleId :
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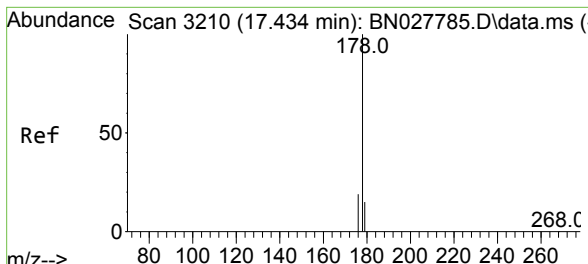
Tgt Ion:166 Resp: 22602
 Ion Ratio Lower Upper
 166 100
 165 97.9 78.0 117.0
 167 13.8 11.4 17.2



#14
 Pentachlorophenol
 Concen: 0.387 ng/ul
 RT: 17.020 min Scan# 3112
 Delta R.T. -0.000 min
 Lab File: BN027799.D
 Acq: 21 Sep 2023 23:08

Tgt Ion:266 Resp: 2574
 Ion Ratio Lower Upper
 266 100
 264 62.9 49.6 74.4
 268 66.4 50.7 76.1

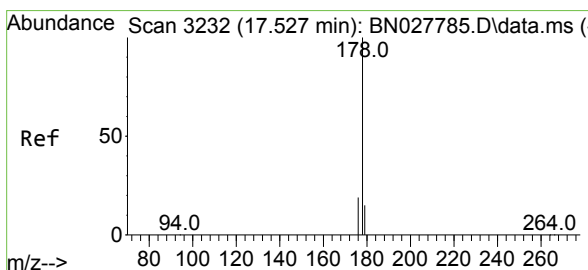
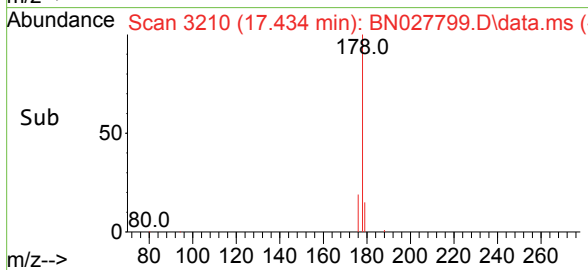
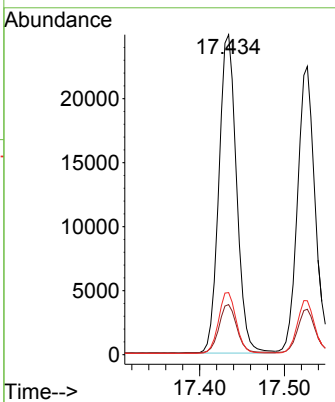
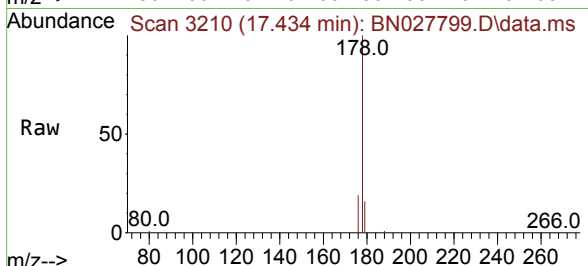




#15
 Phenanthrene
 Concen: 0.403 ng/ul
 RT: 17.434 min Scan# 3210
 Delta R.T. -0.000 min
 Lab File: BN027799.D
 Acq: 21 Sep 2023 23:08

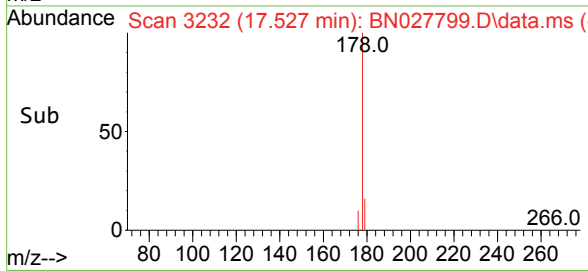
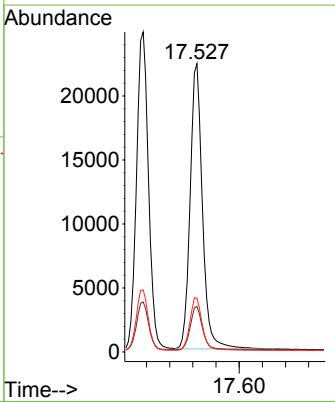
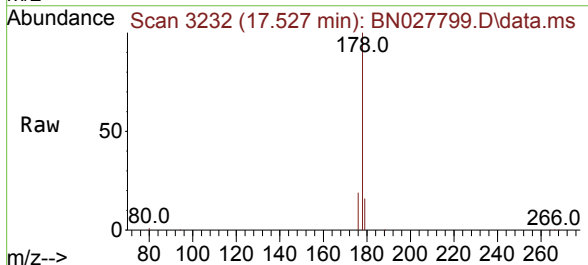
Instrument :
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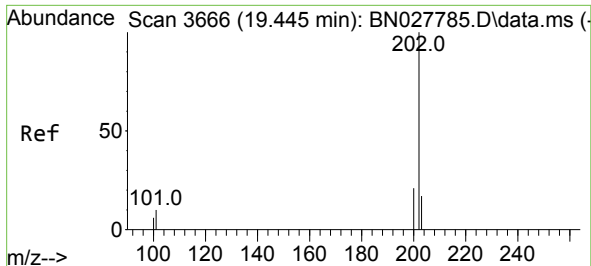
Tgt Ion:	178	Resp:	35979
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.4	18.6
176	19.4	16.0	24.0



#16
 Anthracene
 Concen: 0.440 ng/ul
 RT: 17.527 min Scan# 3232
 Delta R.T. -0.000 min
 Lab File: BN027799.D
 Acq: 21 Sep 2023 23:08

Tgt Ion:	178	Resp:	32868
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.6	19.0
176	18.7	15.5	23.3

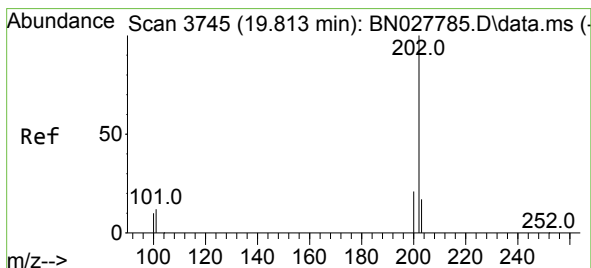
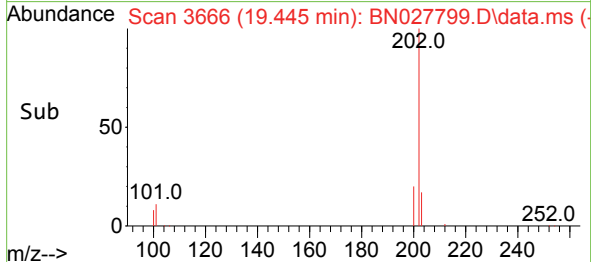
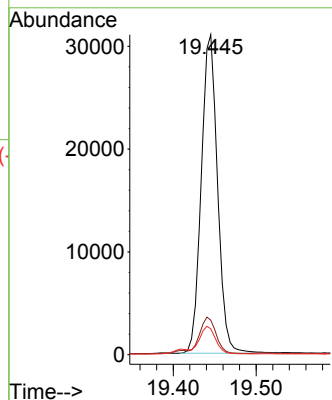
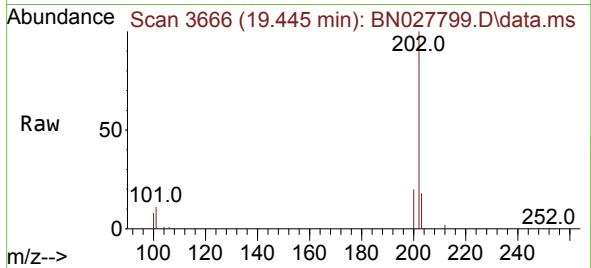




#19
Fluoranthene
Concen: 0.420 ng/ul
RT: 19.445 min Scan# 3666
Delta R.T. -0.000 min
Lab File: BN027799.D
Acq: 21 Sep 2023 23:08

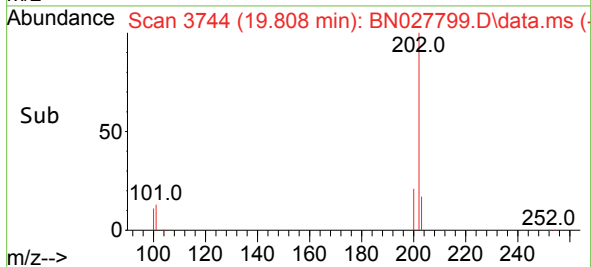
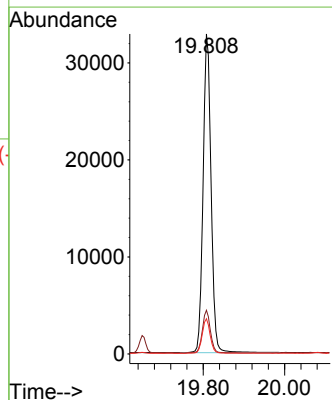
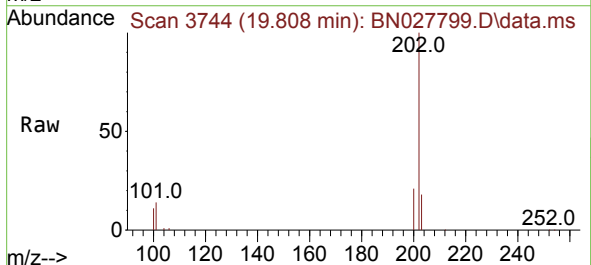
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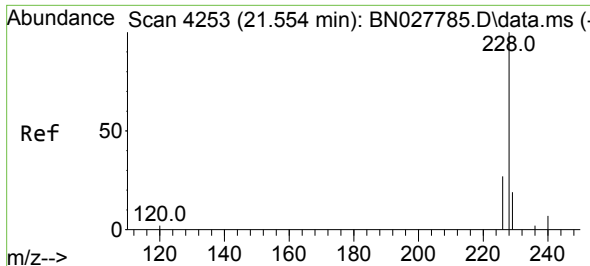
Tgt Ion:202 Resp: 42404
Ion Ratio Lower Upper
202 100
101 10.8 9.3 13.9
100 8.1 7.0 10.4



#20
Pyrene
Concen: 0.430 ng/ul
RT: 19.808 min Scan# 3744
Delta R.T. -0.005 min
Lab File: BN027799.D
Acq: 21 Sep 2023 23:08

Tgt Ion:202 Resp: 44742
Ion Ratio Lower Upper
202 100
101 13.7 11.4 17.0
100 11.0 9.1 13.7

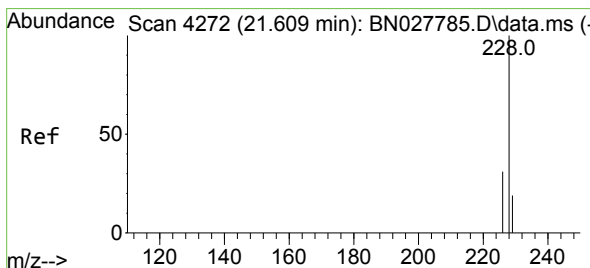
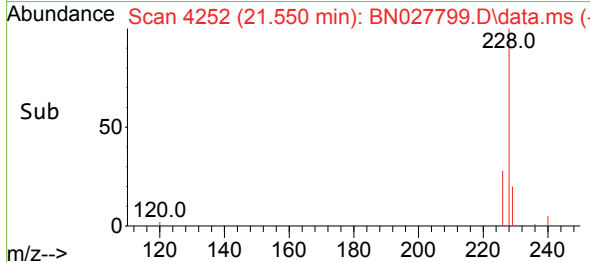
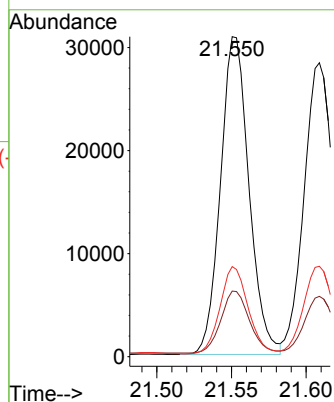
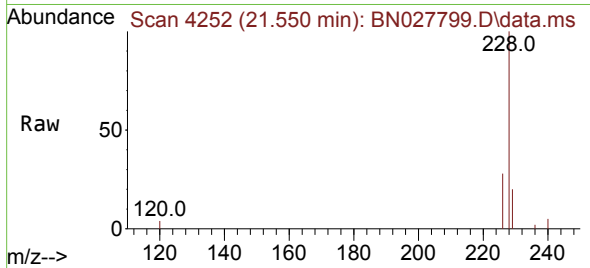




#21
Benzo(a)anthracene
Concen: 0.424 ng/ul
RT: 21.550 min Scan# 4253
Delta R.T. -0.003 min
Lab File: BN027799.D
Acq: 21 Sep 2023 23:08

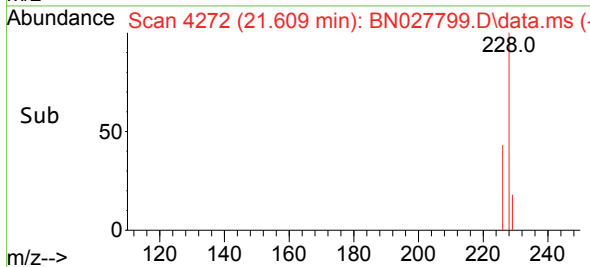
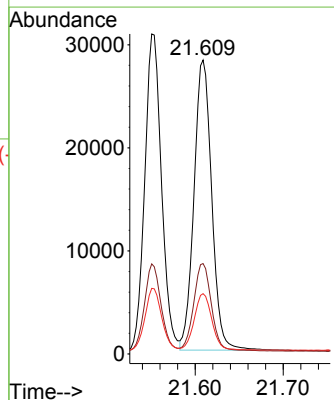
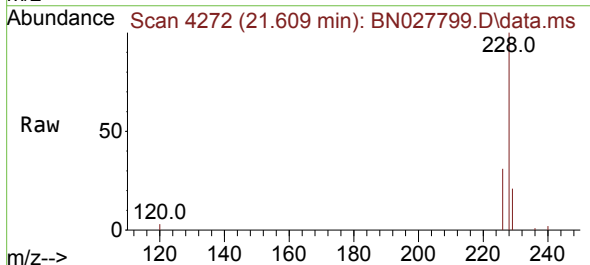
Instrument :
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SSTD0.4267

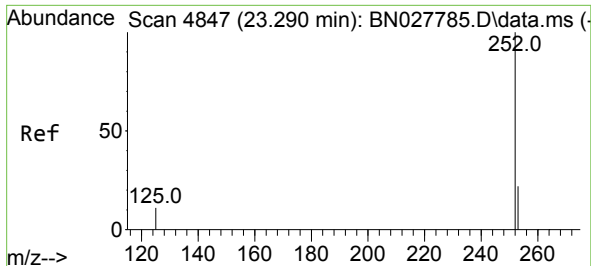
Tgt Ion:228 Resp: 40952
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.8
226 28.2 22.0 33.0



#22
Chrysene
Concen: 0.396 ng/ul
RT: 21.609 min Scan# 4272
Delta R.T. -0.000 min
Lab File: BN027799.D
Acq: 21 Sep 2023 23:08

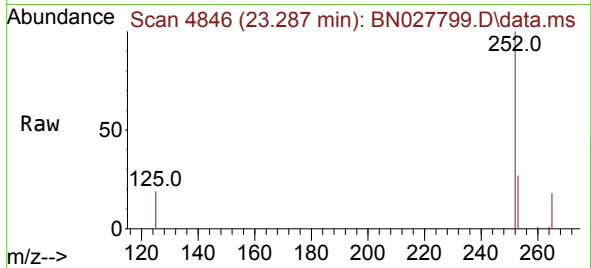
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Ion Ratio Lower Upper
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226 30.8 24.5 36.7
229 20.5 16.0 24.0



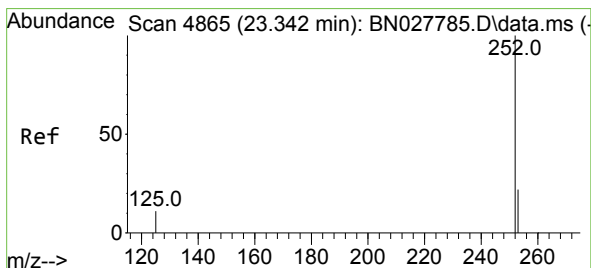
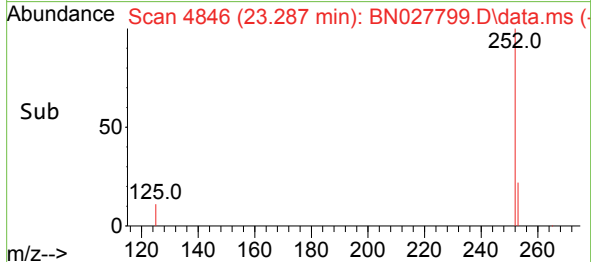
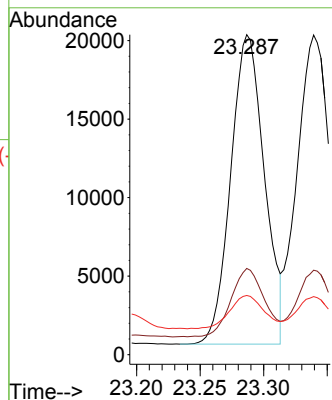


#24
Benzo(b)fluoranthene
Concen: 0.357 ng/ul
RT: 23.287 min Scan# 4846
Delta R.T. -0.003 min
Lab File: BN027799.D
Acq: 21 Sep 2023 23:08

Instrument :
BNA_N
ClientSampleId :
SSTD0.4267

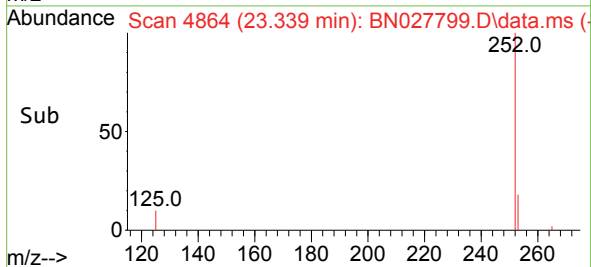
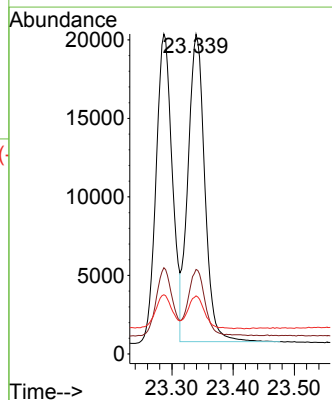
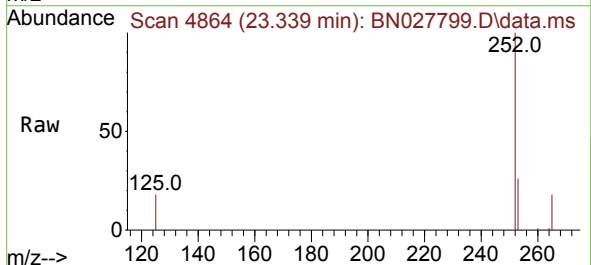


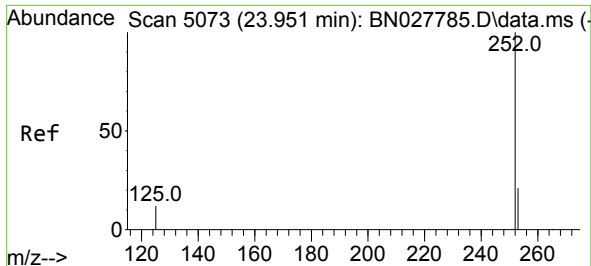
Tgt Ion:252 Resp: 36291
Ion Ratio Lower Upper
252 100
253 26.9 0.0 50.2
125 18.5 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.378 ng/ul
RT: 23.339 min Scan# 4864
Delta R.T. -0.003 min
Lab File: BN027799.D
Acq: 21 Sep 2023 23:08

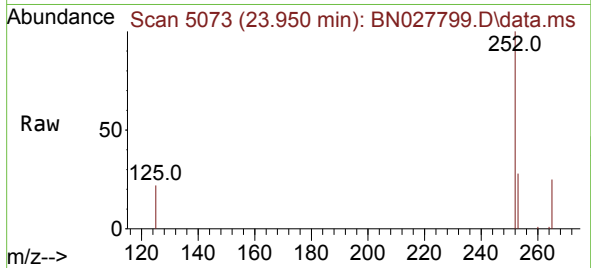
Tgt Ion:252 Resp: 37279
Ion Ratio Lower Upper
252 100
253 26.4 19.9 29.9
125 18.2 12.6 19.0



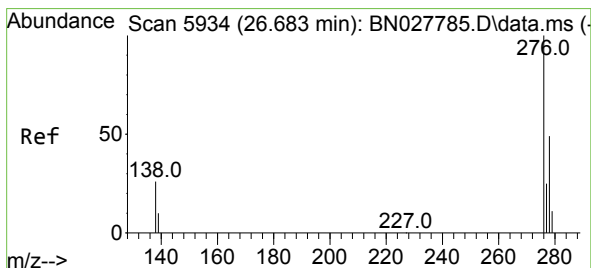
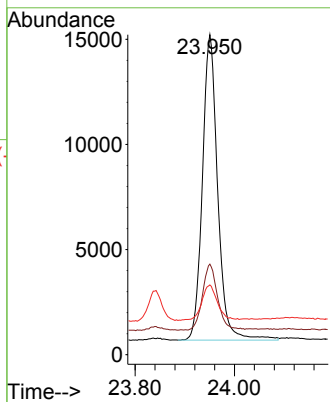
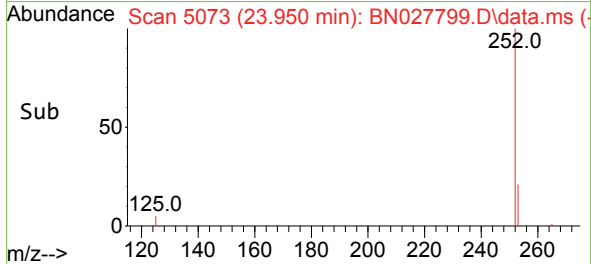


#26
Benzo(a)pyrene
Concen: 0.379 ng/ul
RT: 23.950 min Scan# 5073
Delta R.T. -0.000 min
Lab File: BN027799.D
Acq: 21 Sep 2023 23:08

Instrument :
BNA_N
ClientSampleId :
SSTD0.4267

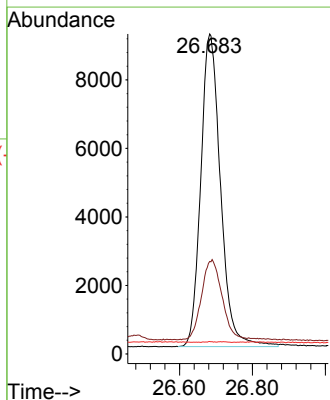
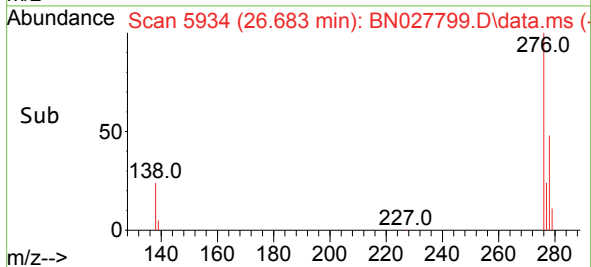
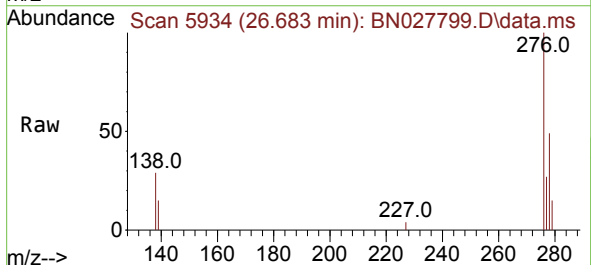


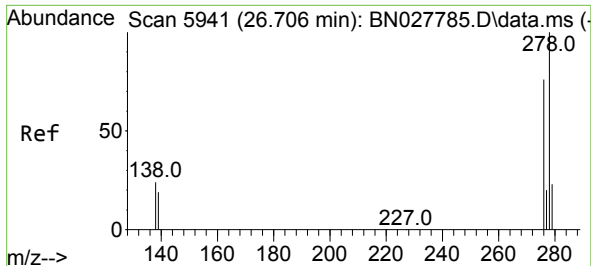
Tgt Ion:252 Resp: 31052
Ion Ratio Lower Upper
252 100
253 28.3 21.9 32.9
125 21.8 15.5 23.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.327 ng/ul
RT: 26.683 min Scan# 5934
Delta R.T. -0.000 min
Lab File: BN027799.D
Acq: 21 Sep 2023 23:08

Tgt Ion:276 Resp: 34308
Ion Ratio Lower Upper
276 100
138 26.8 24.3 36.5
227 0.1 0.0 0.0#

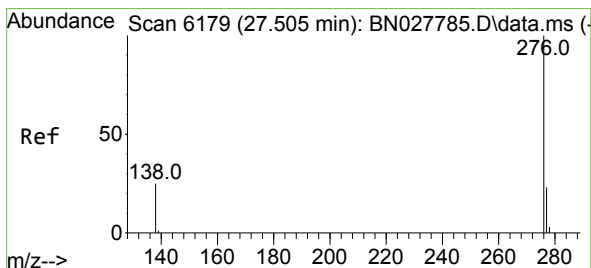
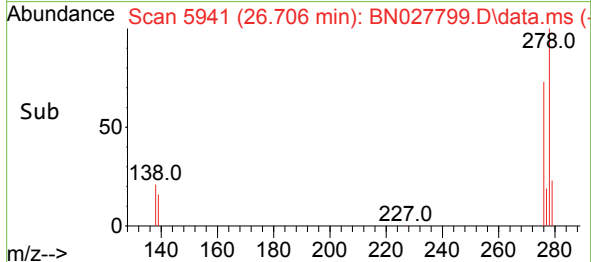
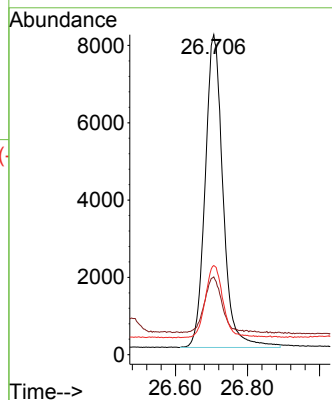
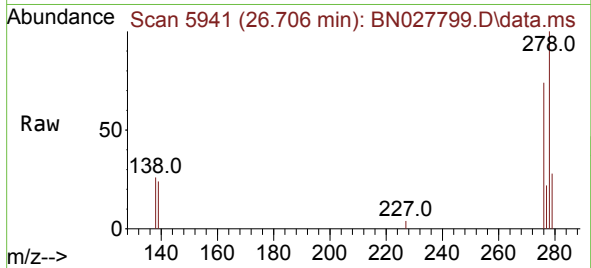




#28
Dibenzo(a,h)anthracene
Concen: 0.330 ng/ul
RT: 26.706 min Scan# 5941
Delta R.T. -0.000 min
Lab File: BN027799.D
Acq: 21 Sep 2023 23:08

Instrument :
BNA_N
ClientSampleId :
SSTD0.4267

Tgt Ion:278 Resp: 27834
Ion Ratio Lower Upper
278 100
139 24.3 17.2 25.8
279 27.9 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.316 ng/ul
RT: 27.508 min Scan# 6180
Delta R.T. 0.003 min
Lab File: BN027799.D
Acq: 21 Sep 2023 23:08

Tgt Ion:276 Resp: 28116
Ion Ratio Lower Upper
276 100
138 28.0 21.7 32.5
277 26.1 20.2 30.2

