

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090523\
 Data File : BN027377.D
 Acq On : 05 Sep 2023 16:07
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4256

Quant Time: Sep 06 00:42:19 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 02 06:16:48 2023
 Response via : Initial Calibration

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

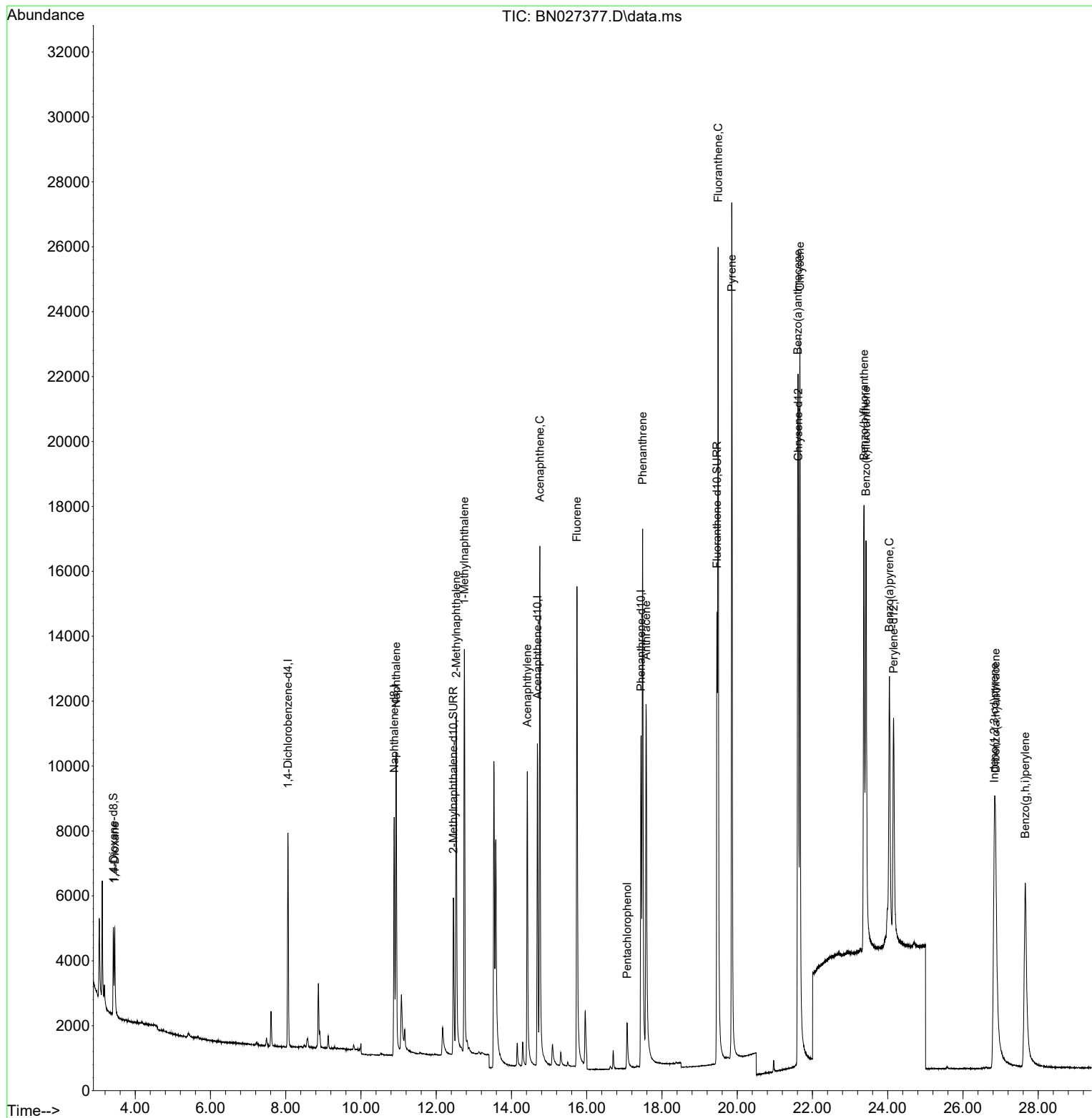
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	3490	0.400	ng/ul	0.00
4) Naphthalene-d8	10.883	136	11264	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	6529	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.443	188	15252	0.400	ng/ul	0.00
17) Chrysene-d12	21.627	240	13550	0.400	ng/ul	0.02
23) Perylene-d12	24.155	264	11744	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.418	96	1932	0.416	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	7366	0.431	ng/ul	0.00
18) Fluoranthene-d10	19.464	212	19312	0.416	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.456	88	1995	0.425	ng/ul	97
5) Naphthalene	10.933	128	14037	0.430	ng/ul	99
7) 2-Methylnaphthalene	12.533	142	8765	0.429	ng/ul	99
8) 1-Methylnaphthalene	12.748	142	9241	0.424	ng/ul	100
10) Acenaphthylene	14.421	152	13179	0.441	ng/ul	99
11) Acenaphthene	14.754	153	11043	0.429	ng/ul	98
12) Fluorene	15.739	166	12613	0.438	ng/ul	100
14) Pentachlorophenol	17.076	266	1460	0.491	ng/ul	99
15) Phenanthrene	17.485	178	21278	0.428	ng/ul	100
16) Anthracene	17.578	178	17628	0.446	ng/ul	99
19) Fluoranthene	19.492	202	25482	0.409	ng/ul	99
20) Pyrene	19.855	202	26597	0.419	ng/ul	99
21) Benzo(a)anthracene	21.609	228	20219	0.414	ng/ul	99
22) Chrysene	21.665	228	23325	0.409	ng/ul	100
24) Benzo(b)fluoranthene	23.369	252	21751	0.392	ng/ul	98
25) Benzo(k)fluoranthene	23.422	252	22862	0.422	ng/ul	99
26) Benzo(a)pyrene	24.044	252	17694	0.408	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.831	276	19334	0.402	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.864	278	14535	0.395	ng/ul	99
29) Benzo(g,h,i)perylene	27.656	276	18080	0.416	ng/ul	100

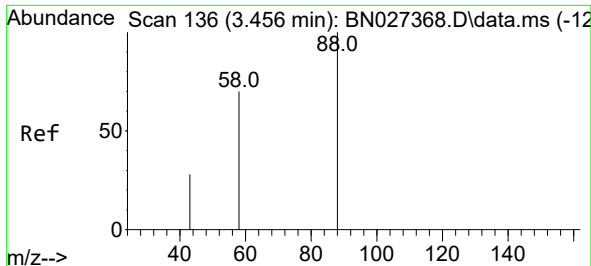
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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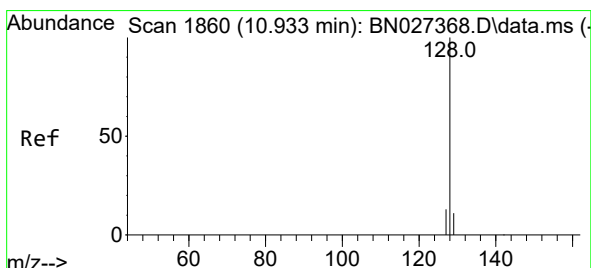
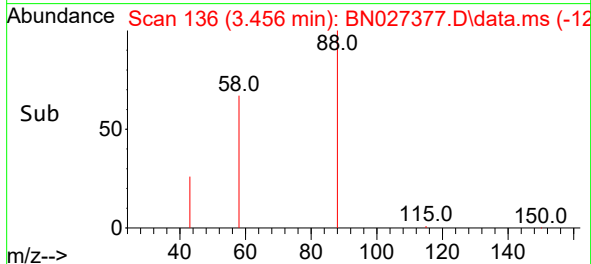
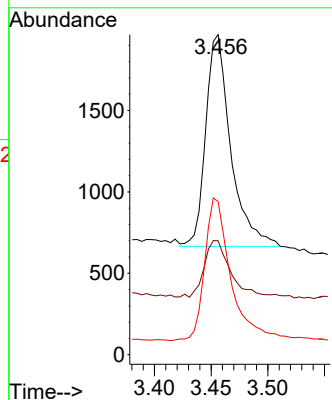
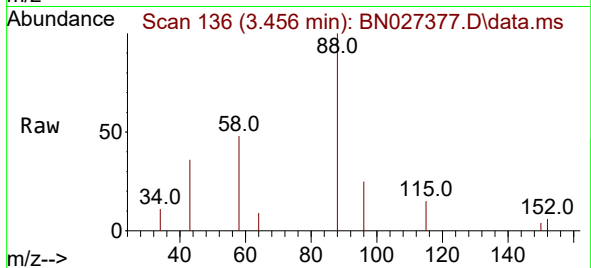




#2
1,4-Dioxane
Concen: 0.425 ng/ul
RT: 3.456 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027377.D
Acq: 05 Sep 2023 16:07

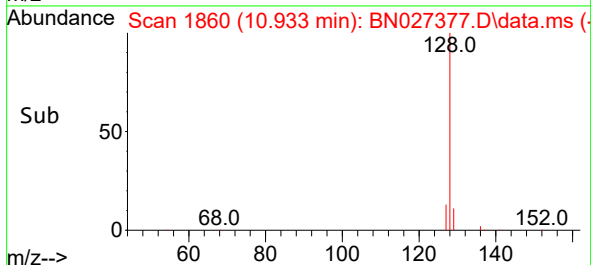
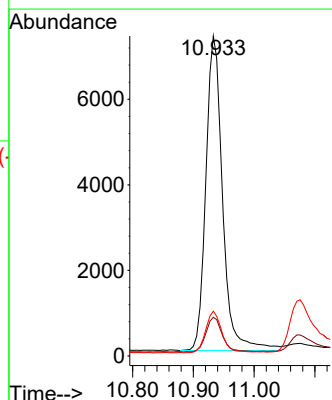
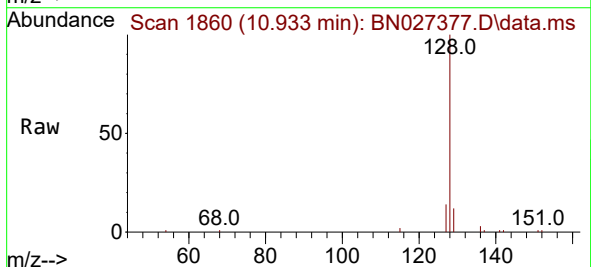
Instrument :
BNA_N
ClientSampleId :
SSTD0.4256

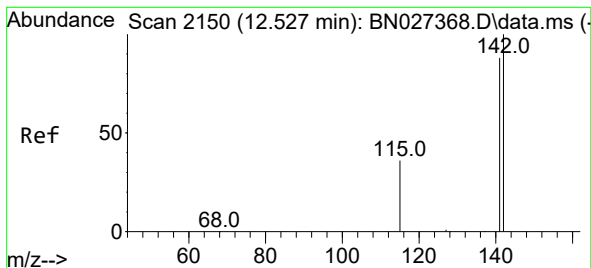
Tgt Ion: 88 Resp: 1995
Ion Ratio Lower Upper
88 100
43 35.6 26.8 40.2
58 47.9 39.9 59.9



#5
Naphthalene
Concen: 0.430 ng/ul
RT: 10.933 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BN027377.D
Acq: 05 Sep 2023 16:07

Tgt Ion: 128 Resp: 14037
Ion Ratio Lower Upper
128 100
129 12.1 9.4 14.0
127 14.0 10.6 16.0

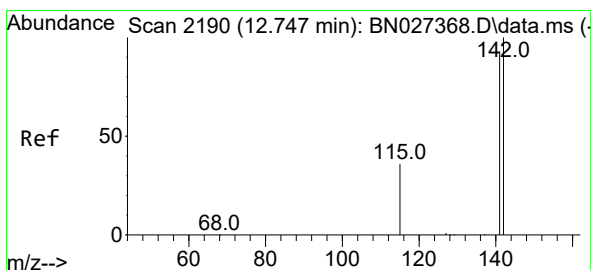
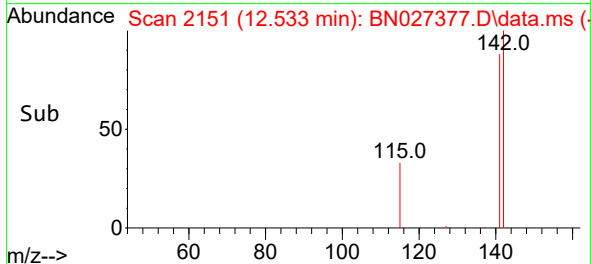
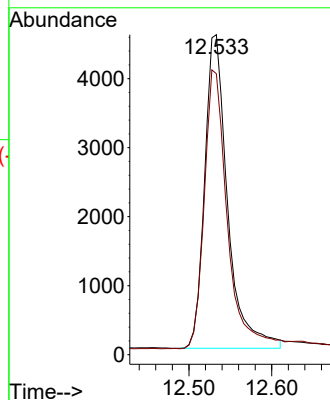
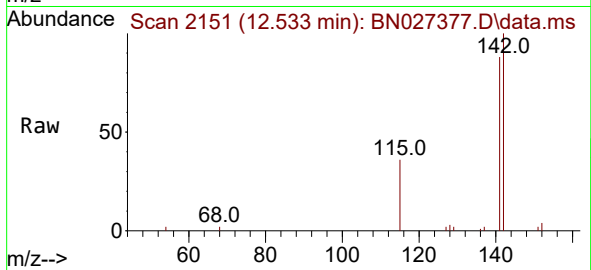




#7
2-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.533 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BN027377.D
Acq: 05 Sep 2023 16:07

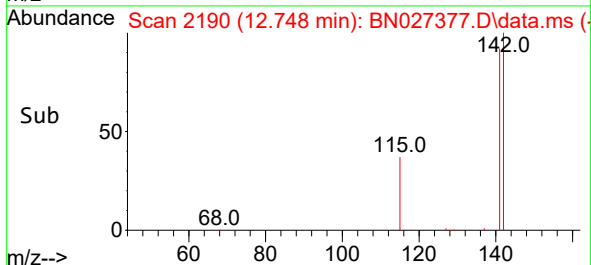
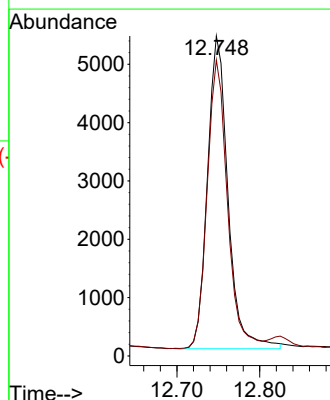
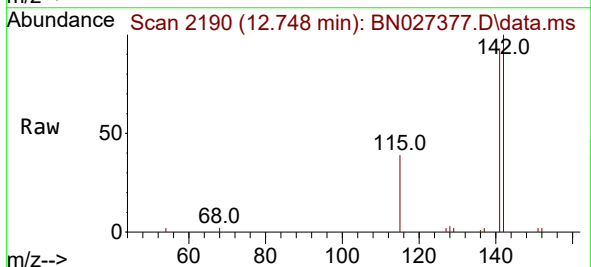
Instrument :
BNA_N
ClientSampleId :
SSTD0.4256

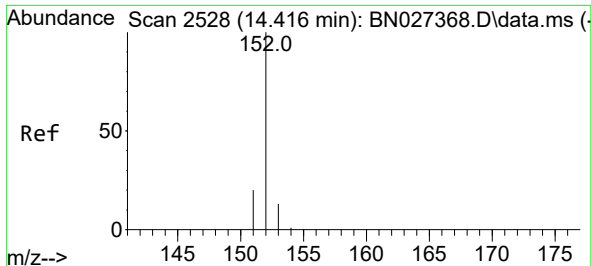
Tgt Ion:142 Resp: 8765
Ion Ratio Lower Upper
142 100
141 88.9 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.424 ng/ul
RT: 12.748 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BN027377.D
Acq: 05 Sep 2023 16:07

Tgt Ion:142 Resp: 9241
Ion Ratio Lower Upper
142 100
141 91.0 73.0 109.4

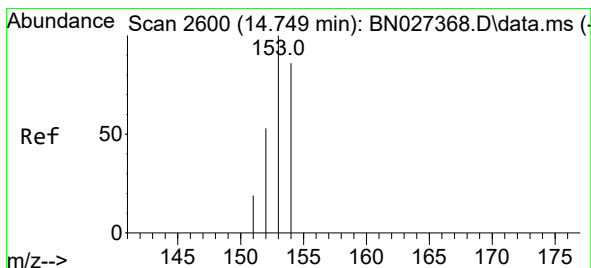
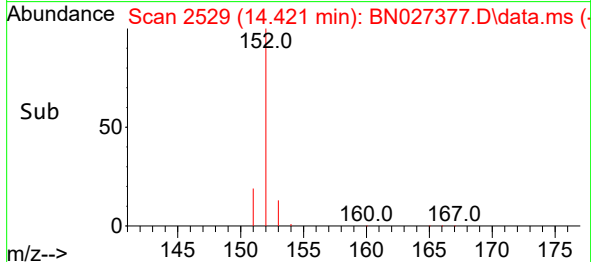
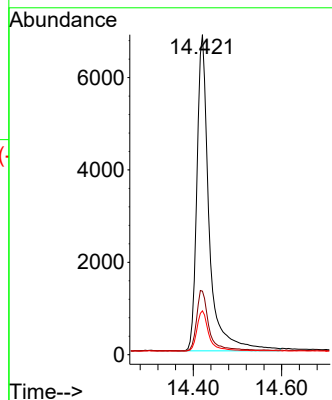
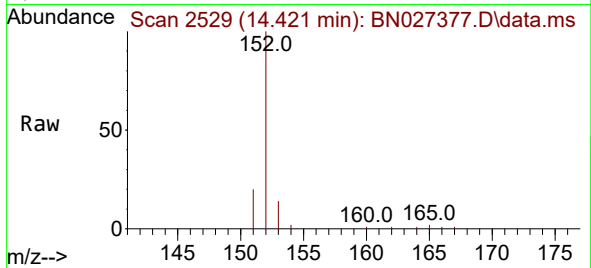




#10
Acenaphthylene
Concen: 0.441 ng/ul
RT: 14.421 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027377.D
Acq: 05 Sep 2023 16:07

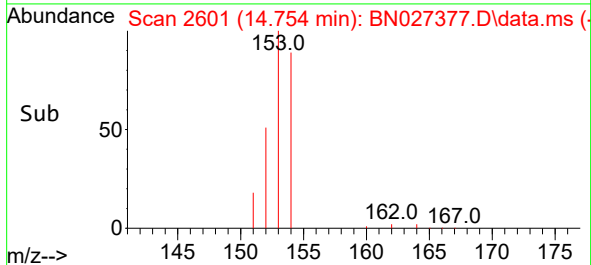
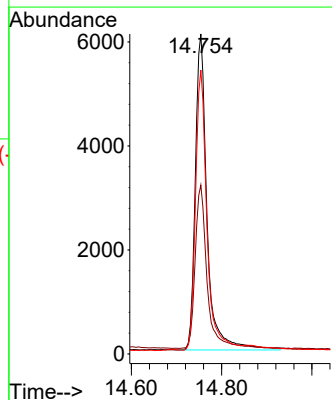
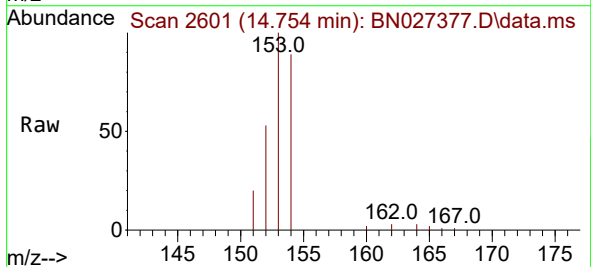
Instrument :
BNA_N
ClientSampleId :
SSTD0.4256

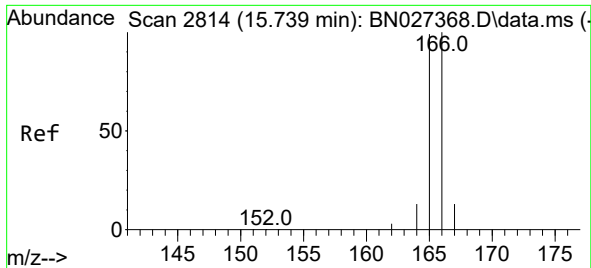
Tgt Ion:152 Resp: 13179
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.7 11.1 16.7



#11
Acenaphthene
Concen: 0.429 ng/ul
RT: 14.754 min Scan# 2601
Delta R.T. 0.005 min
Lab File: BN027377.D
Acq: 05 Sep 2023 16:07

Tgt Ion:153 Resp: 11043
Ion Ratio Lower Upper
153 100
152 52.8 42.9 64.3
154 88.7 69.4 104.0

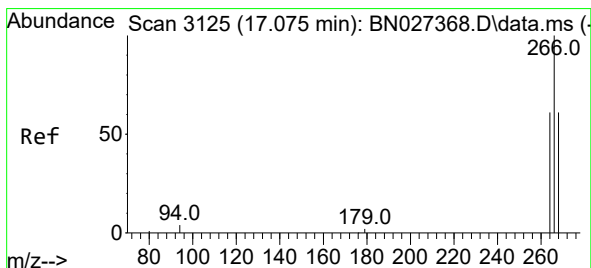
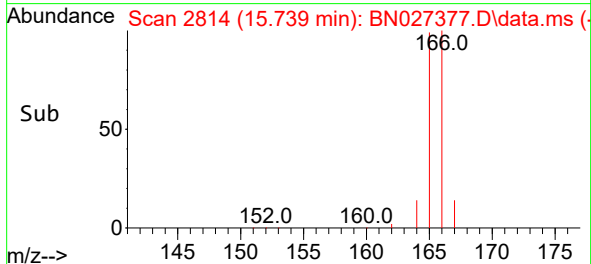
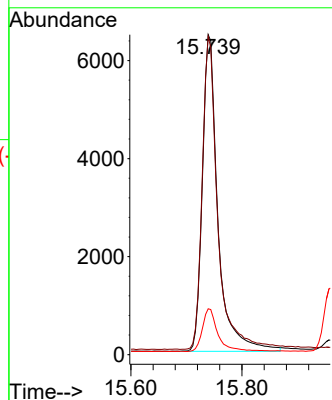
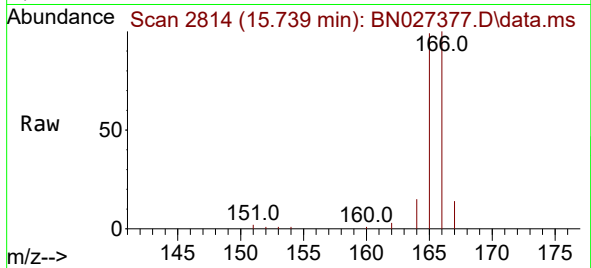




#12
Fluorene
Concen: 0.438 ng/ul
RT: 15.739 min Scan# 2814
Delta R.T. -0.000 min
Lab File: BN027377.D
Acq: 05 Sep 2023 16:07

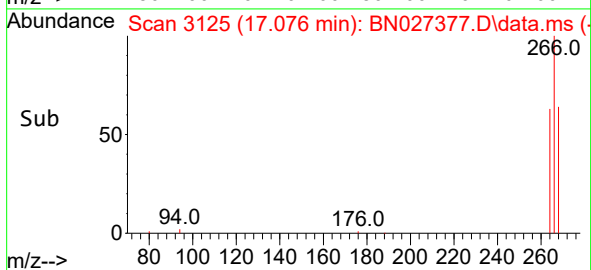
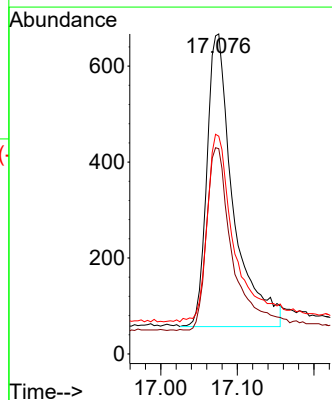
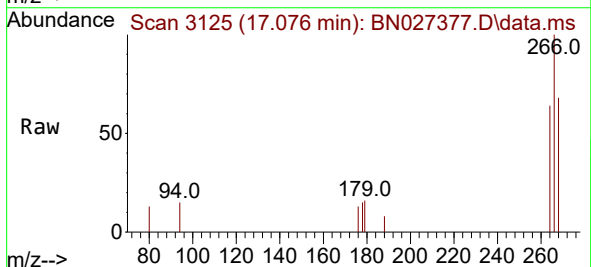
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BNA_N
ClientSampleId :
SSTD0.4256

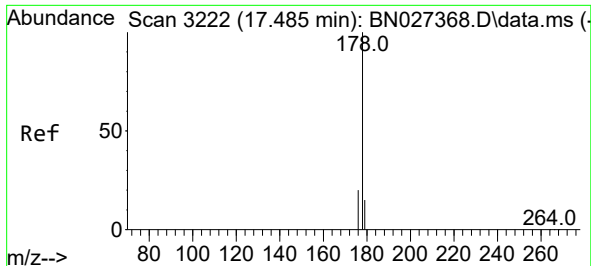
Tgt Ion:166 Resp: 12613
Ion Ratio Lower Upper
166 100
165 99.4 79.6 119.4
167 14.4 11.4 17.0



#14
Pentachlorophenol
Concen: 0.491 ng/ul
RT: 17.076 min Scan# 3125
Delta R.T. 0.009 min
Lab File: BN027377.D
Acq: 05 Sep 2023 16:07

Tgt Ion:266 Resp: 1460
Ion Ratio Lower Upper
266 100
264 61.5 50.4 75.6
268 65.0 51.9 77.9

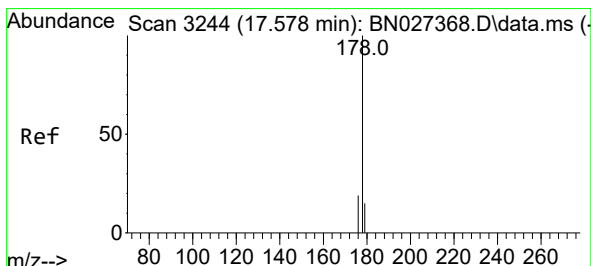
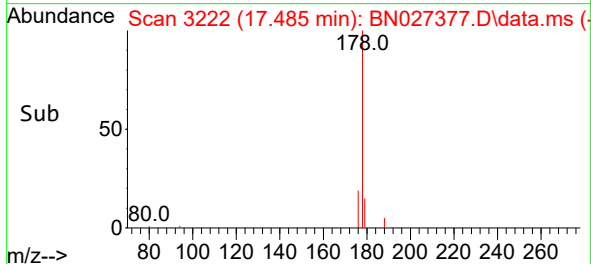
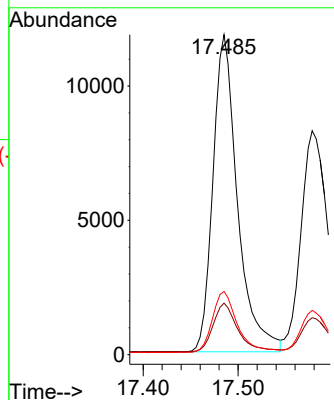
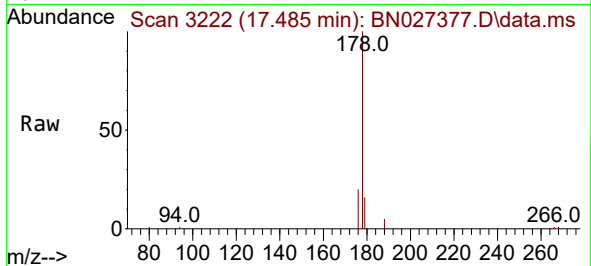




#15
Phenanthrene
Concen: 0.428 ng/ul
RT: 17.485 min Scan# 31
Delta R.T. 0.005 min
Lab File: BN027377.D
Acq: 05 Sep 2023 16:07

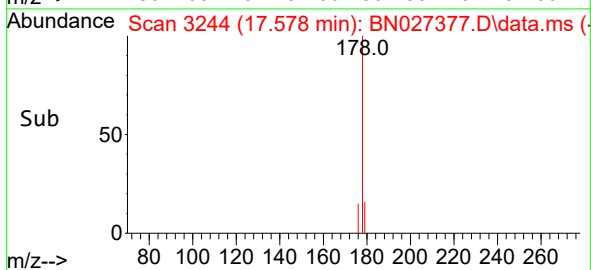
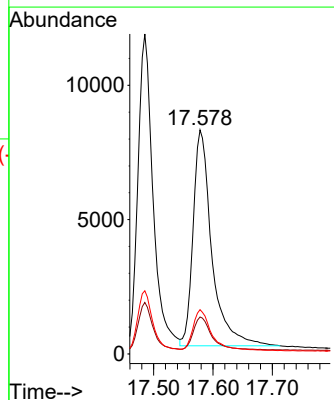
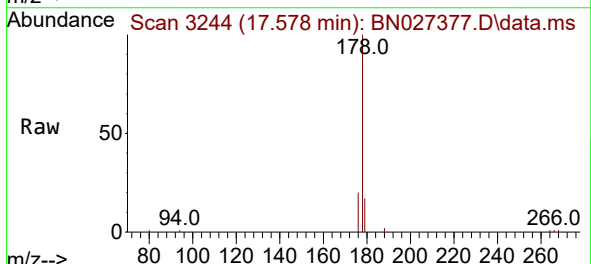
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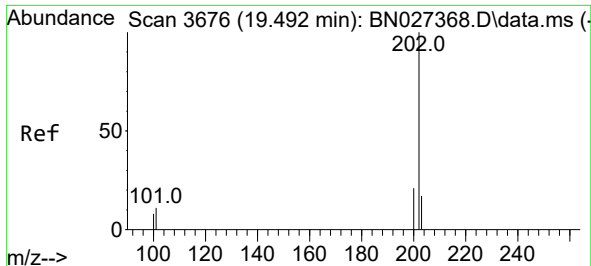
Tgt Ion:178 Resp: 21278
Ion Ratio Lower Upper
178 100
179 16.1 12.6 19.0
176 19.7 15.8 23.8



#16
Anthracene
Concen: 0.446 ng/ul
RT: 17.578 min Scan# 3244
Delta R.T. 0.005 min
Lab File: BN027377.D
Acq: 05 Sep 2023 16:07

Tgt Ion:178 Resp: 17628
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.6
176 19.8 15.6 23.4

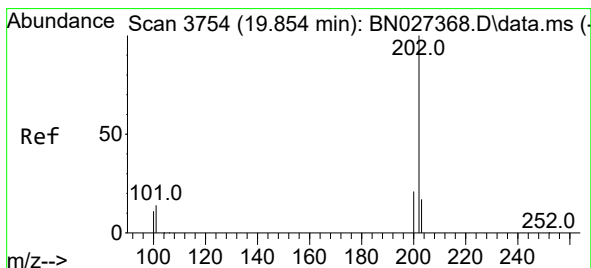
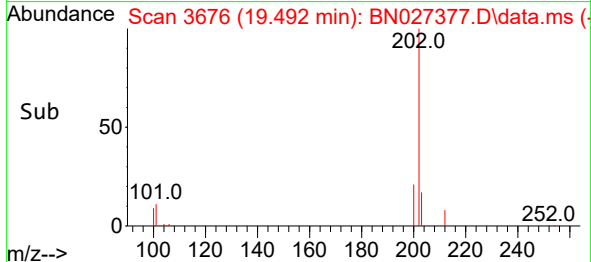
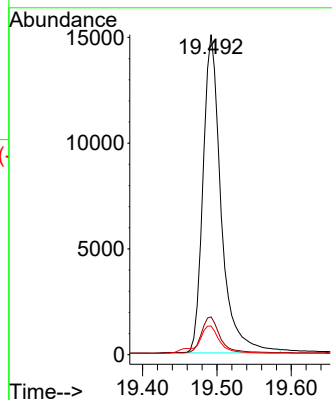
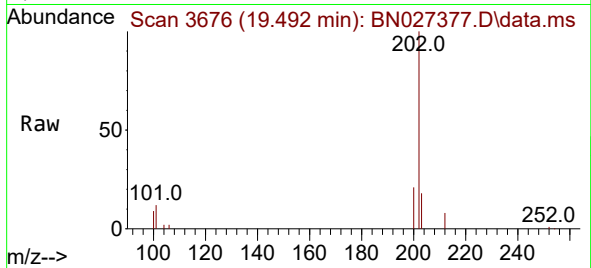




#19
Fluoranthene
Concen: 0.409 ng/ul
RT: 19.492 min Scan# 3076
Delta R.T. 0.005 min
Lab File: BN027377.D
Acq: 05 Sep 2023 16:07

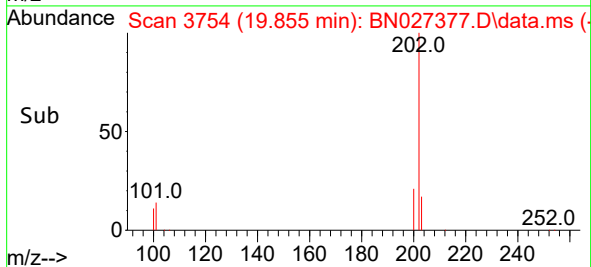
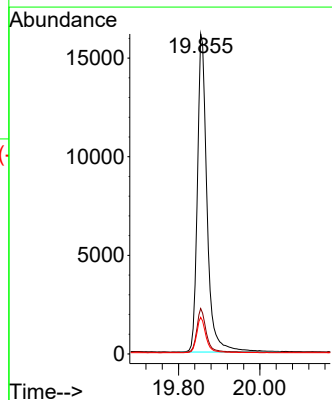
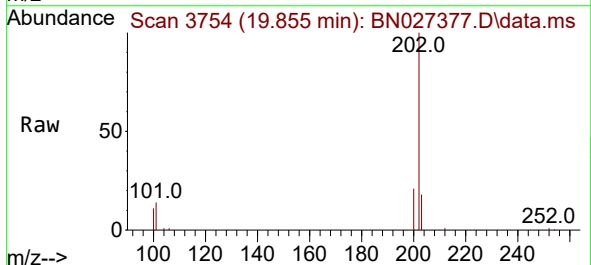
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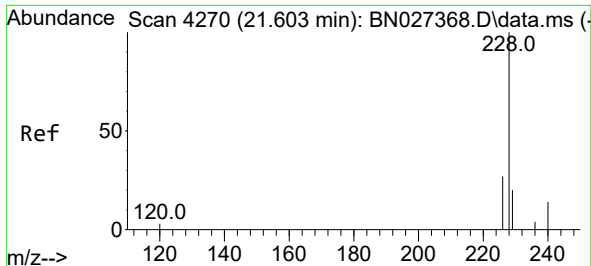
Tgt Ion:202 Resp: 25482
Ion Ratio Lower Upper
202 100
101 11.8 9.4 14.0
100 9.0 6.9 10.3



#20
Pyrene
Concen: 0.419 ng/ul
RT: 19.855 min Scan# 3754
Delta R.T. 0.005 min
Lab File: BN027377.D
Acq: 05 Sep 2023 16:07

Tgt Ion:202 Resp: 26597
Ion Ratio Lower Upper
202 100
101 14.2 11.4 17.2
100 11.4 9.4 14.2

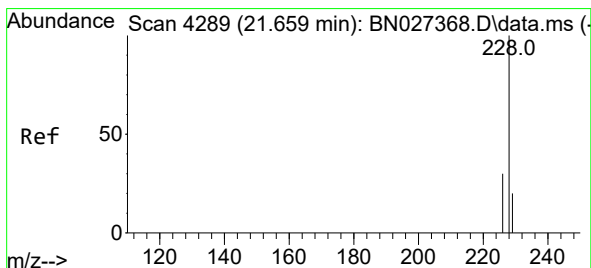
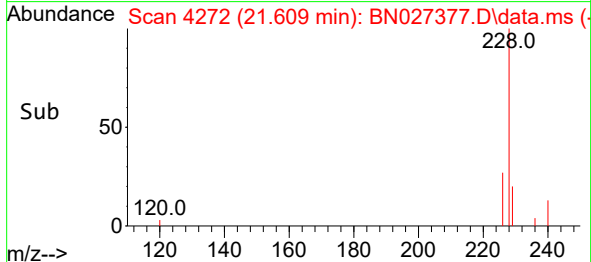
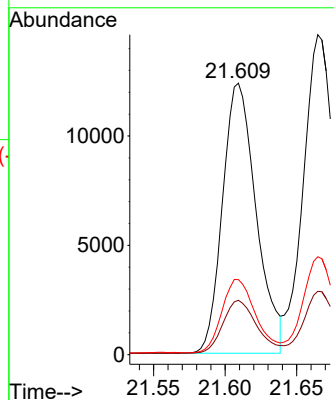
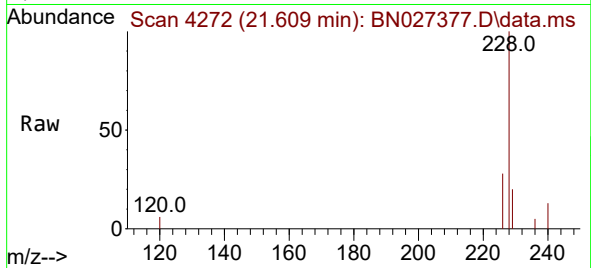




#21
Benzo(a)anthracene
Concen: 0.414 ng/ul
RT: 21.609 min Scan# 41
Delta R.T. 0.018 min
Lab File: BN027377.D
Acq: 05 Sep 2023 16:07

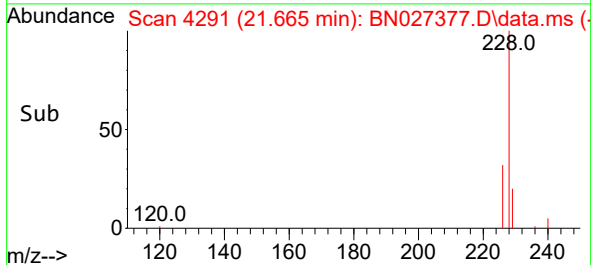
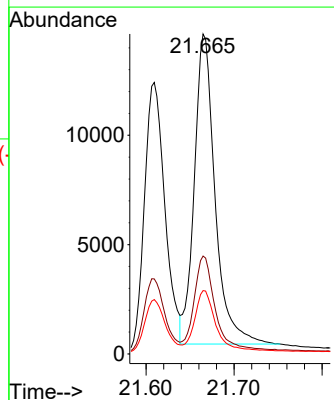
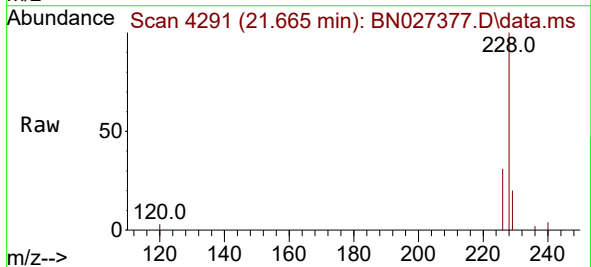
Instrument :
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ClientSampleId :
SSTD0.4256

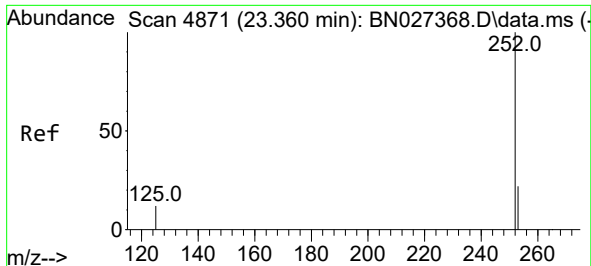
Tgt Ion:228 Resp: 20219
Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 27.6 22.0 33.0



#22
Chrysene
Concen: 0.409 ng/ul
RT: 21.665 min Scan# 4291
Delta R.T. 0.018 min
Lab File: BN027377.D
Acq: 05 Sep 2023 16:07

Tgt Ion:228 Resp: 23325
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 19.8 15.6 23.4

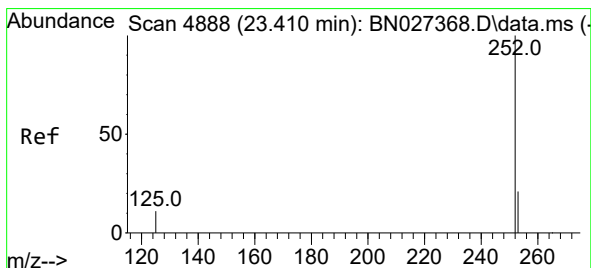
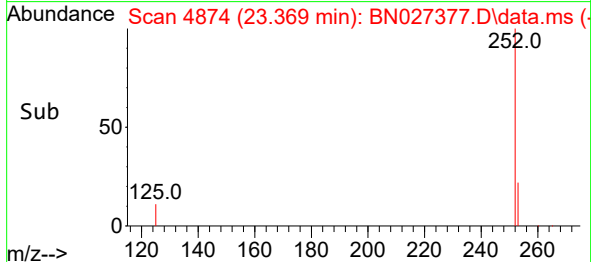
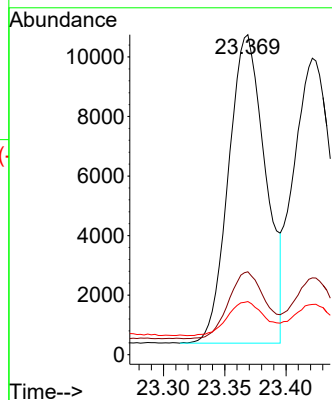
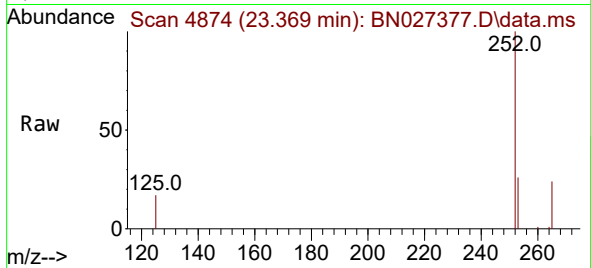




#24
Benzo(b)fluoranthene
Concen: 0.392 ng/ul
RT: 23.369 min Scan# 4871
Delta R.T. 0.024 min
Lab File: BN027377.D
Acq: 05 Sep 2023 16:07

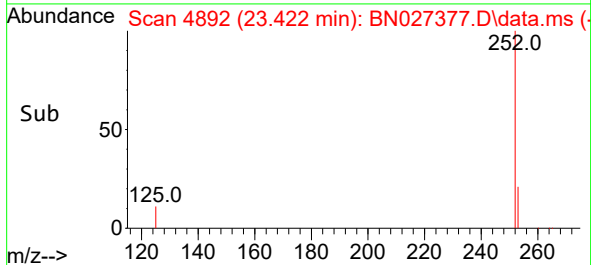
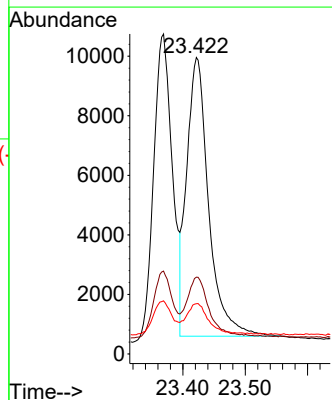
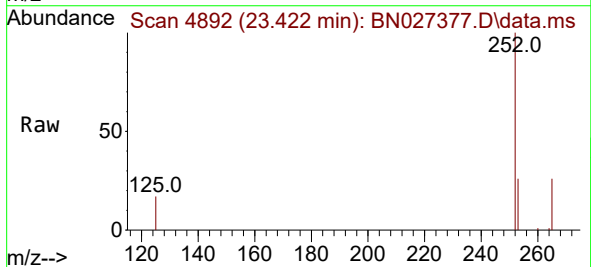
Instrument :
BNA_N
ClientSampleId :
SSTD0.4256

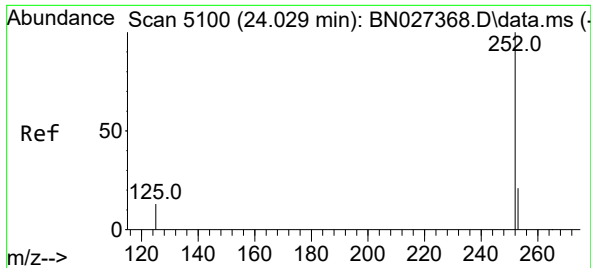
Tgt Ion:252 Resp: 21751
Ion Ratio Lower Upper
252 100
253 25.9 0.0 49.6
125 16.6 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.422 ng/ul
RT: 23.422 min Scan# 4892
Delta R.T. 0.024 min
Lab File: BN027377.D
Acq: 05 Sep 2023 16:07

Tgt Ion:252 Resp: 22862
Ion Ratio Lower Upper
252 100
253 25.9 19.9 29.9
125 16.9 13.6 20.4

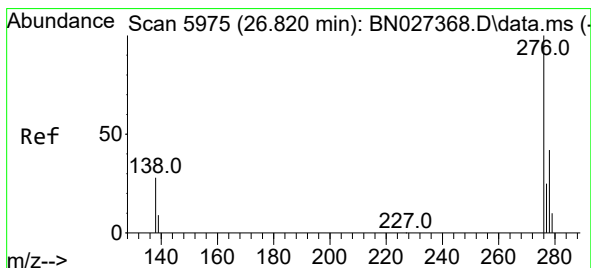
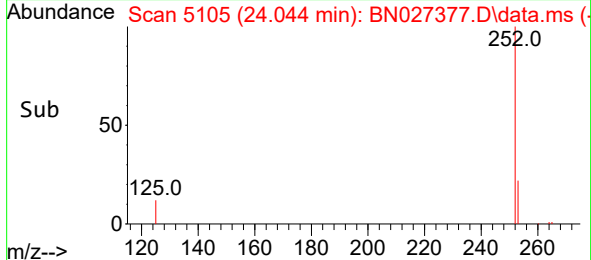
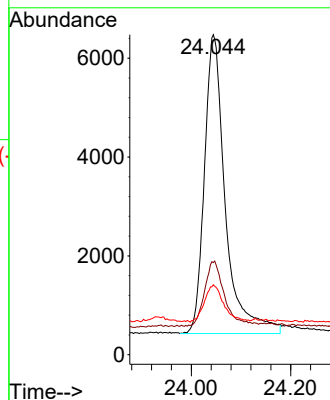
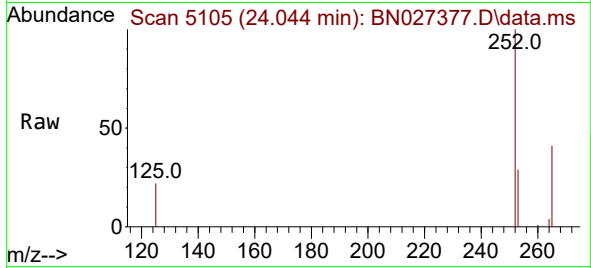




#26
Benzo(a)pyrene
Concen: 0.408 ng/ul
RT: 24.044 min Scan# 5100
Delta R.T. 0.027 min
Lab File: BN027377.D
Acq: 05 Sep 2023 16:07

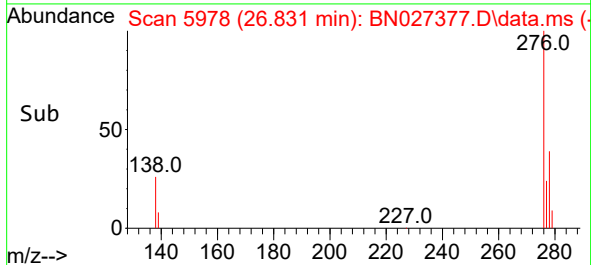
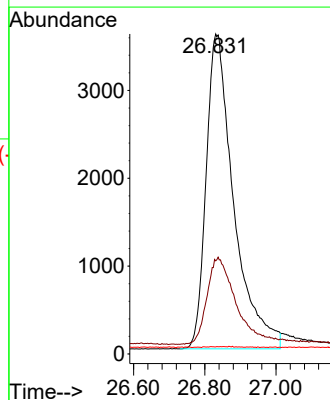
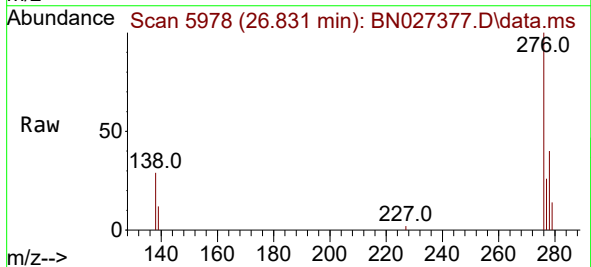
Instrument :
BNA_N
ClientSampleId :
SSTD0.4256

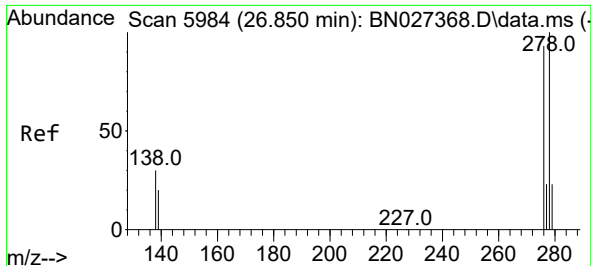
Tgt Ion:252 Resp: 17694
Ion Ratio Lower Upper
252 100
253 28.8 22.4 33.6
125 21.9 17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng/ul
RT: 26.831 min Scan# 5978
Delta R.T. 0.030 min
Lab File: BN027377.D
Acq: 05 Sep 2023 16:07

Tgt Ion:276 Resp: 19334
Ion Ratio Lower Upper
276 100
138 29.1 23.9 35.9
227 0.0 0.1 0.1#

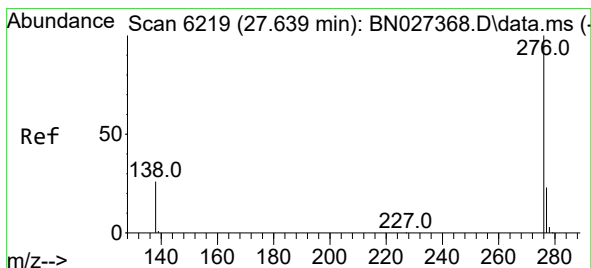
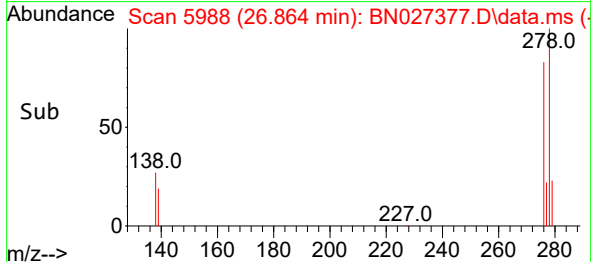
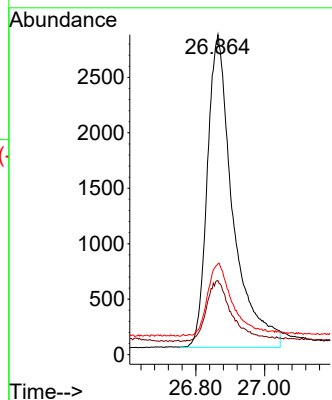
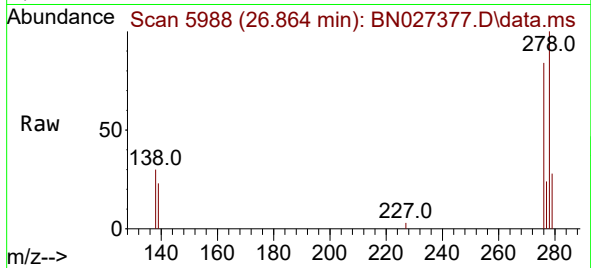




#28
Dibenzo(a,h)anthracene
Concen: 0.395 ng/ul
RT: 26.864 min Scan# 5984
Delta R.T. 0.030 min
Lab File: BN027377.D
Acq: 05 Sep 2023 16:07

Instrument :
BNA_N
ClientSampleId :
SSTD0.4256

Tgt Ion:278 Resp: 14535
Ion Ratio Lower Upper
278 100
139 23.1 18.0 27.0
279 28.4 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.416 ng/ul
RT: 27.656 min Scan# 6224
Delta R.T. 0.027 min
Lab File: BN027377.D
Acq: 05 Sep 2023 16:07

Tgt Ion:276 Resp: 18080
Ion Ratio Lower Upper
276 100
138 27.7 22.1 33.1
277 25.4 20.2 30.4

