

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027826.D
 Acq On : 22 Sep 2023 16:02
 Operator : MA/JU
 Sample : PB155653BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS653

Quant Time: Sep 22 18:41:02 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)

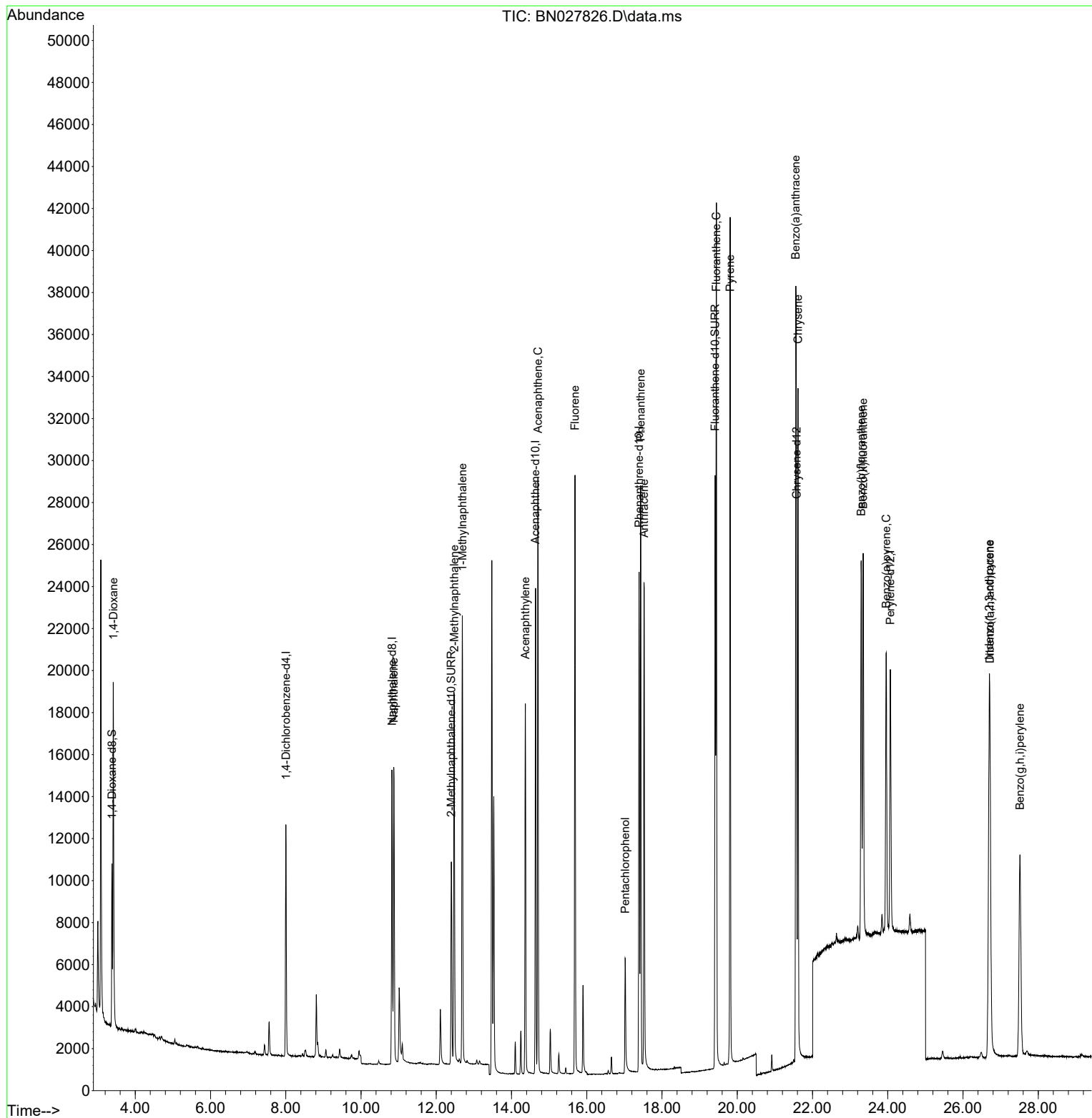
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	5853	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	20053	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	12708	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	27686	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	21487	0.400	ng/ul	0.00
23) Perylene-d12	24.070	264	18597	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	5166	0.701	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	13132	0.432	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	31482	0.480	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.418	88	12127	1.580	ng/ul#	87
5) Naphthalene	10.872	128	20109	0.351	ng/ul	99
7) 2-Methylnaphthalene	12.478	142	13308	0.366	ng/ul	100
8) 1-Methylnaphthalene	12.692	142	14816	0.395	ng/ul	99
10) Acenaphthylene	14.370	152	20565	0.370	ng/ul	99
11) Acenaphthene	14.703	153	16105	0.336	ng/ul	98
12) Fluorene	15.688	166	18259	0.324	ng/ul	100
14) Pentachlorophenol	17.020	266	4220	0.651	ng/ul	98
15) Phenanthrene	17.434	178	29684	0.341	ng/ul	99
16) Anthracene	17.523	178	26401	0.362	ng/ul	99
19) Fluoranthene	19.445	202	34288	0.395	ng/ul	99
20) Pyrene	19.812	202	35586	0.398	ng/ul	97
21) Benzo(a)anthracene	21.556	228	30124	0.362	ng/ul	99
22) Chrysene	21.615	228	29736	0.346	ng/ul	99
24) Benzo(b)fluoranthene	23.295	252	26182	0.316	ng/ul	93
25) Benzo(k)fluoranthene	23.348	252	26237	0.327	ng/ul	94
26) Benzo(a)pyrene	23.959	252	22258	0.334	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.696	276	27022	0.316	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.716	278	21745	0.316	ng/ul	97
29) Benzo(g,h,i)perylene	27.515	276	22768	0.314	ng/ul	99

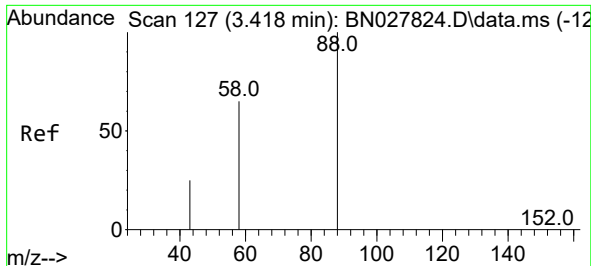
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

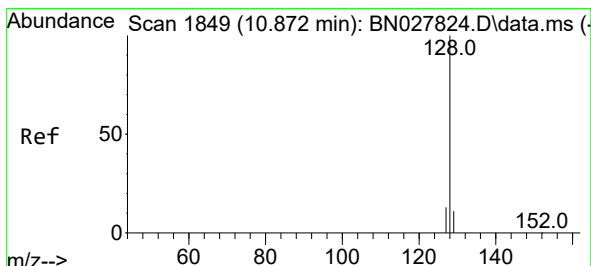
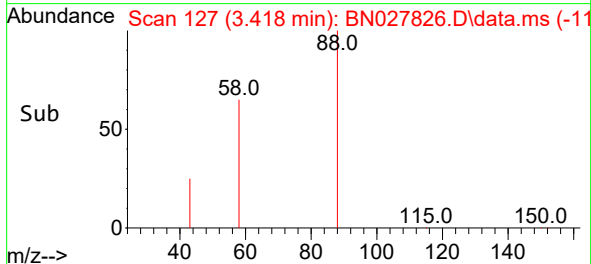
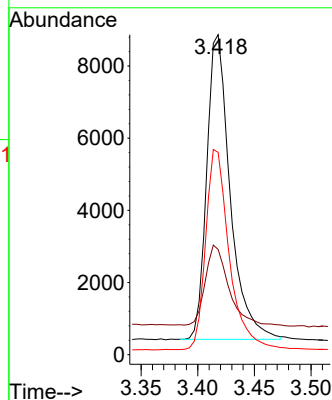
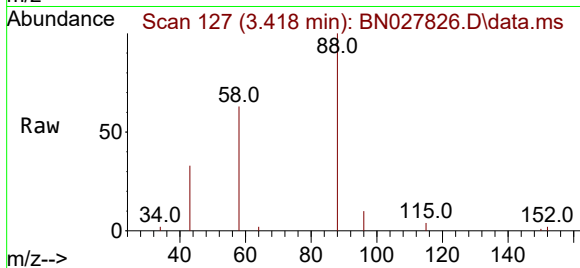




#2
1,4-Dioxane
Concen: 1.580 ng/ul
RT: 3.418 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027826.D
Acq: 22 Sep 2023 16:02

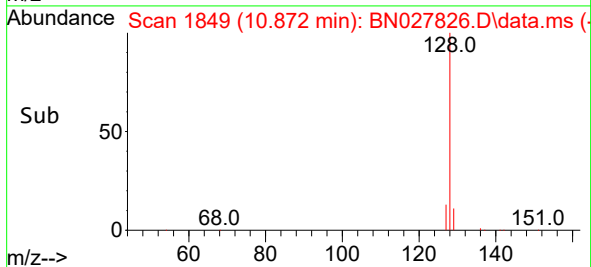
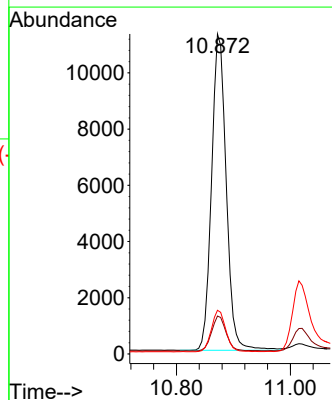
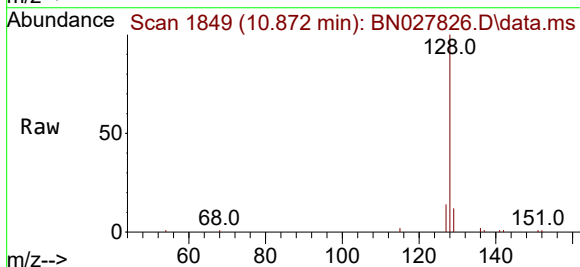
Instrument :
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ClientSampleId :
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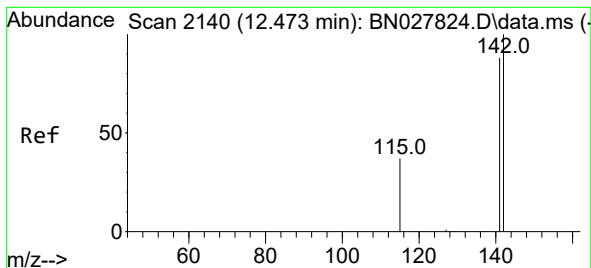
Tgt Ion: 88 Resp: 12127
Ion Ratio Lower Upper
88 100
43 32.9 39.6 59.4#
58 63.2 48.3 72.5



#5
Naphthalene
Concen: 0.351 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BN027826.D
Acq: 22 Sep 2023 16:02

Tgt Ion: 128 Resp: 20109
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.6 10.7 16.1

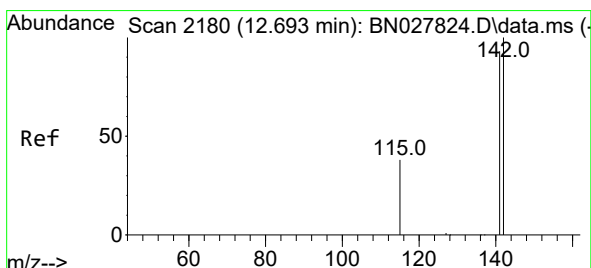
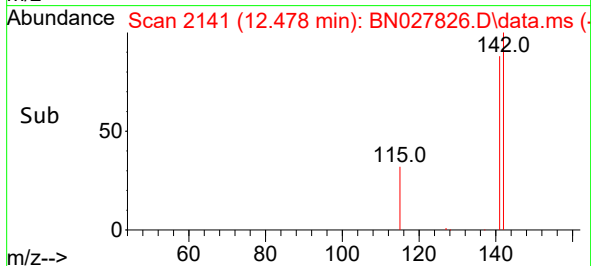
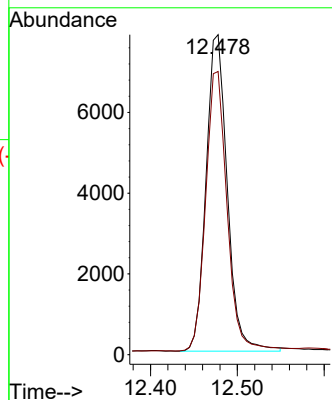
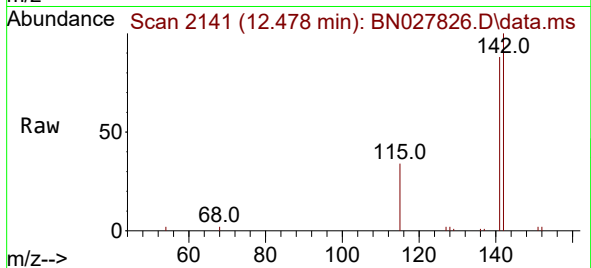




#7
2-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.478 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BN027826.D
Acq: 22 Sep 2023 16:02

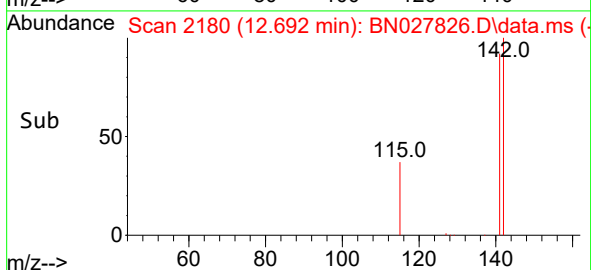
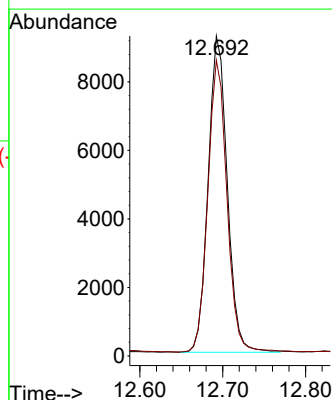
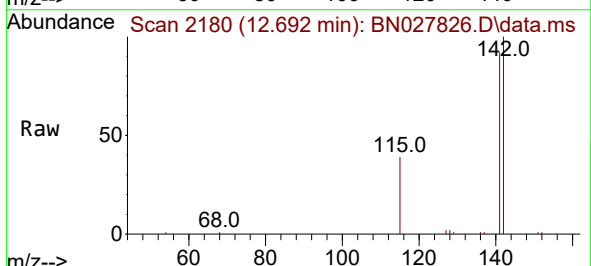
Instrument :
BNA_N
ClientSampleId :
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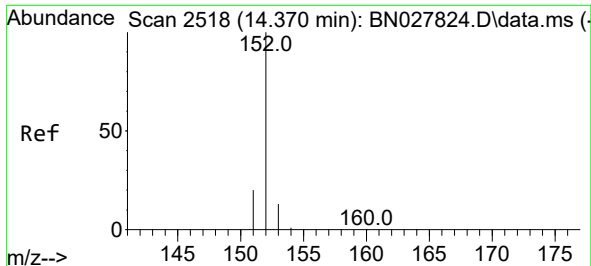
Tgt Ion:142 Resp: 13308
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.692 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BN027826.D
Acq: 22 Sep 2023 16:02

Tgt Ion:142 Resp: 14816
Ion Ratio Lower Upper
142 100
141 92.2 72.8 109.2

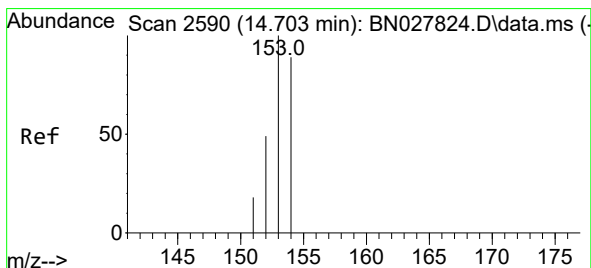
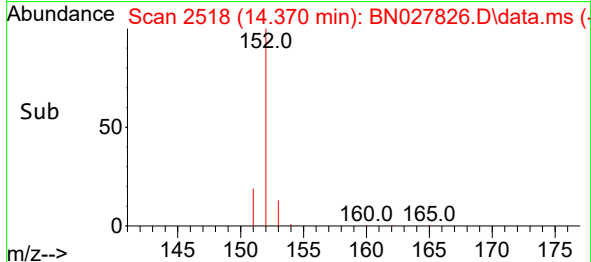
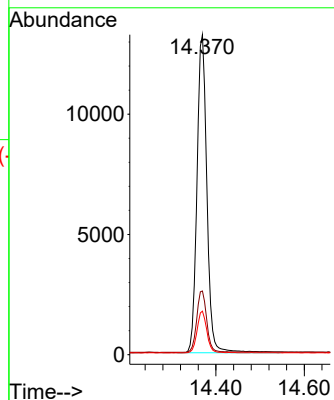
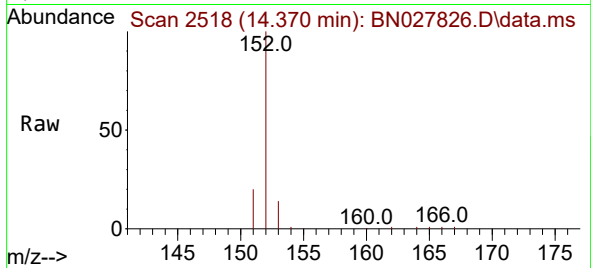




#10
Acenaphthylene
Concen: 0.370 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. -0.000 min
Lab File: BN027826.D
Acq: 22 Sep 2023 16:02

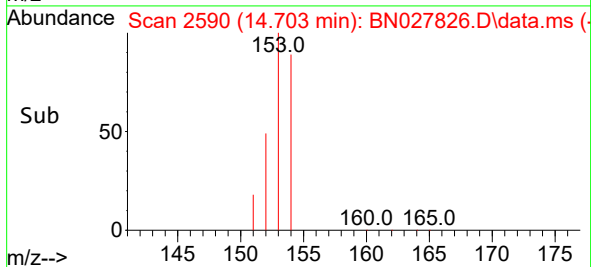
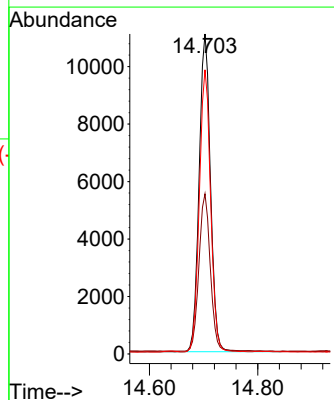
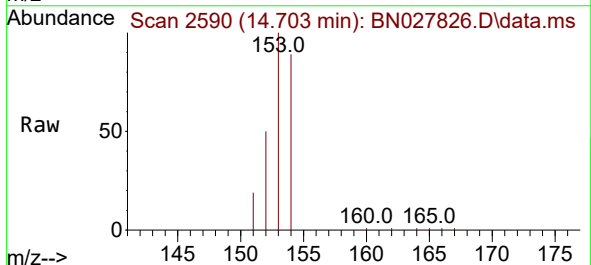
Instrument :
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ClientSampleId :
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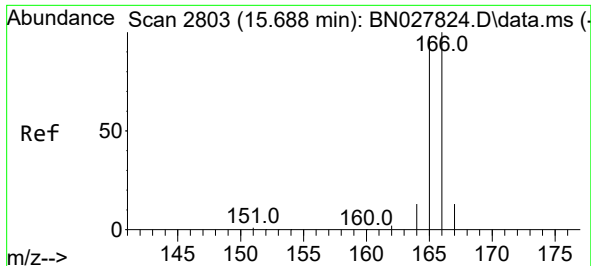
Tgt Ion:152 Resp: 20565
Ion Ratio Lower Upper
152 100
151 19.9 16.6 25.0
153 13.6 11.0 16.6



#11
Acenaphthene
Concen: 0.336 ng/ul
RT: 14.703 min Scan# 2590
Delta R.T. -0.000 min
Lab File: BN027826.D
Acq: 22 Sep 2023 16:02

Tgt Ion:153 Resp: 16105
Ion Ratio Lower Upper
153 100
152 50.0 41.7 62.5
154 88.8 70.3 105.5

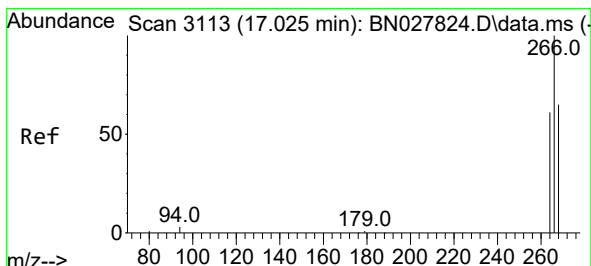
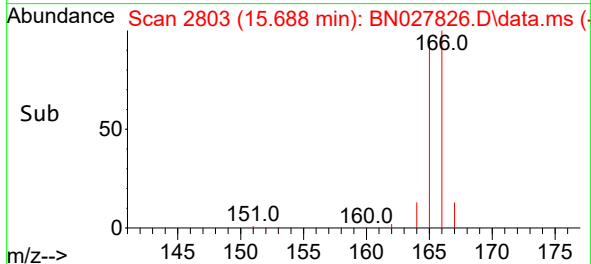
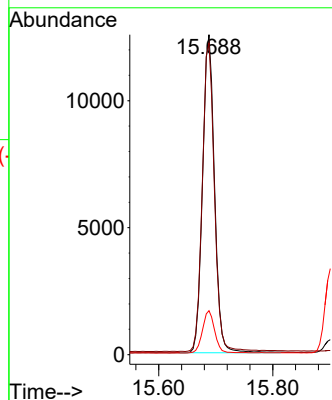
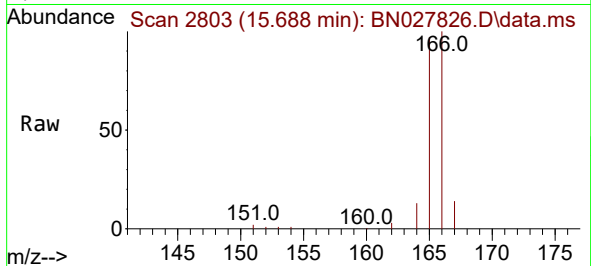




#12
Fluorene
Concen: 0.324 ng/ul
RT: 15.688 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027826.D
Acq: 22 Sep 2023 16:02

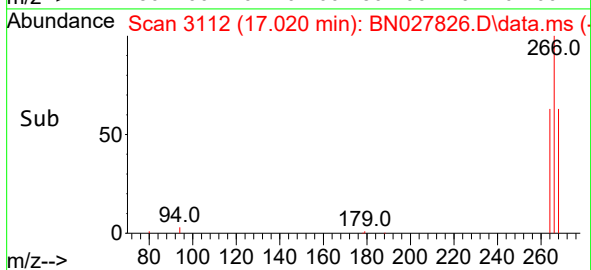
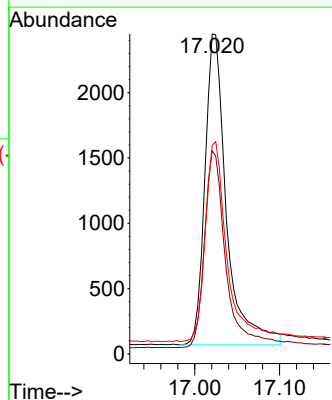
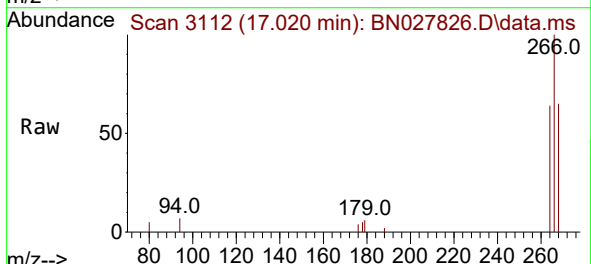
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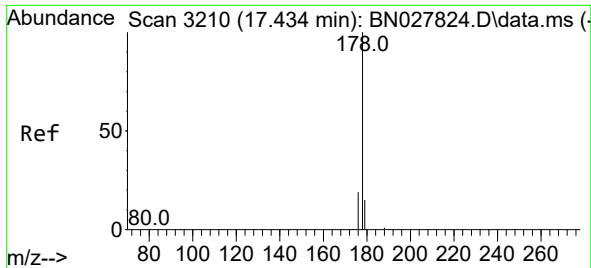
Tgt Ion:166 Resp: 18259
Ion Ratio Lower Upper
166 100
165 97.4 78.0 117.0
167 13.8 11.4 17.2



#14
Pentachlorophenol
Concen: 0.651 ng/ul
RT: 17.020 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BN027826.D
Acq: 22 Sep 2023 16:02

Tgt Ion:266 Resp: 4220
Ion Ratio Lower Upper
266 100
264 63.2 49.6 74.4
268 65.7 50.7 76.1

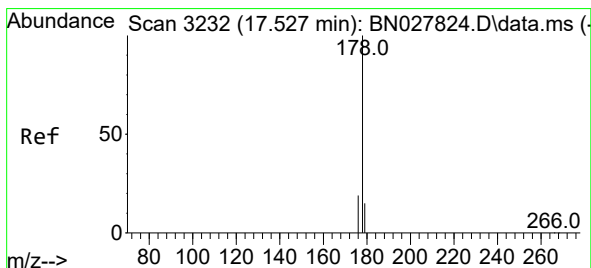
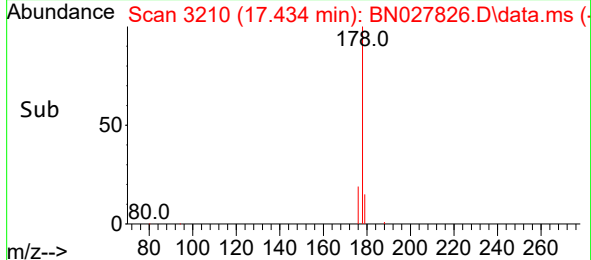
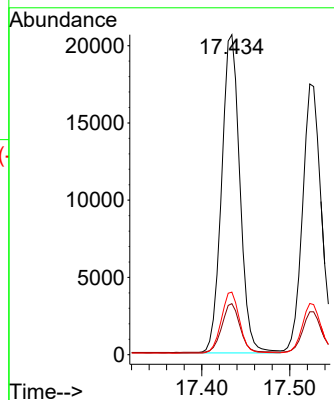
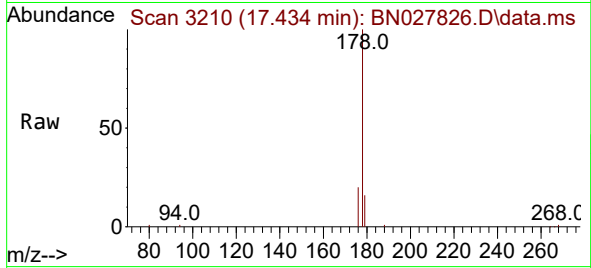




#15
Phenanthrene
Concen: 0.341 ng/ul
RT: 17.434 min Scan# 3210
Delta R.T. -0.000 min
Lab File: BN027826.D
Acq: 22 Sep 2023 16:02

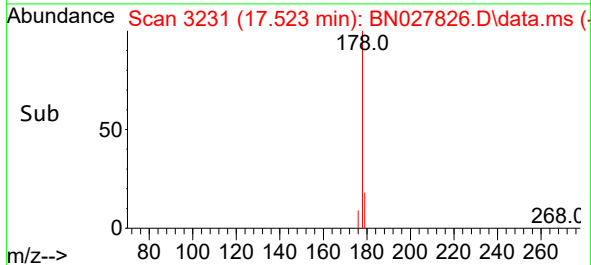
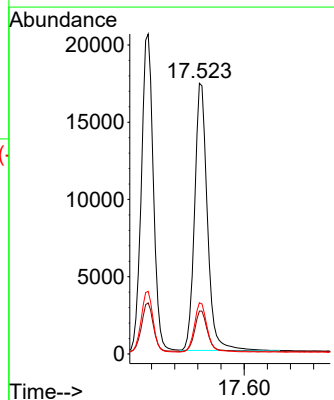
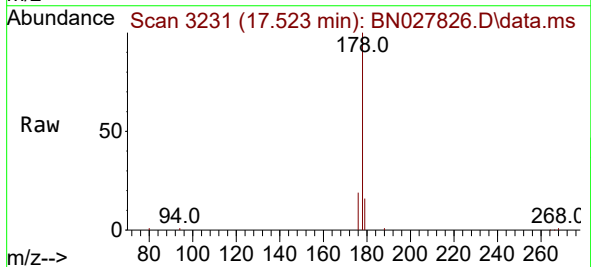
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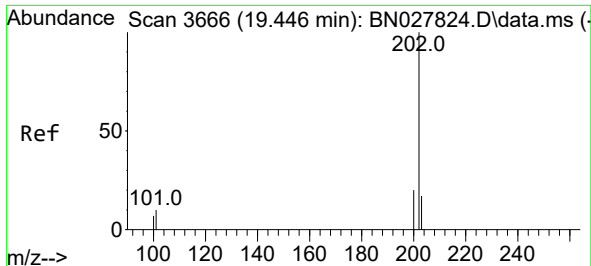
Tgt Ion:178 Resp: 29684
Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 19.5 16.0 24.0



#16
Anthracene
Concen: 0.362 ng/ul
RT: 17.523 min Scan# 3231
Delta R.T. -0.004 min
Lab File: BN027826.D
Acq: 22 Sep 2023 16:02

Tgt Ion:178 Resp: 26401
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 18.9 15.5 23.3

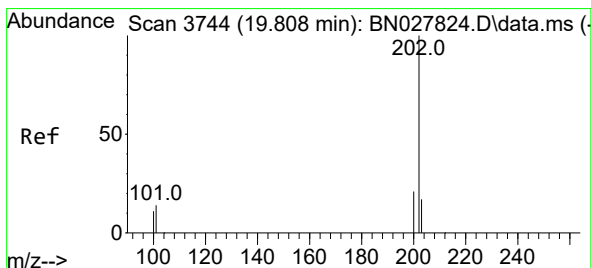
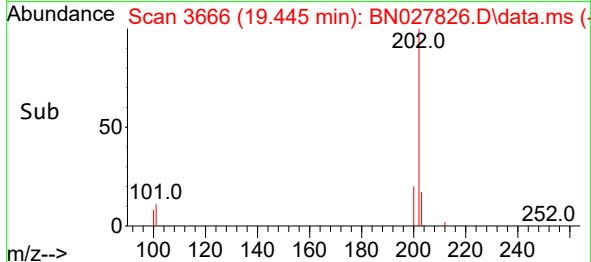
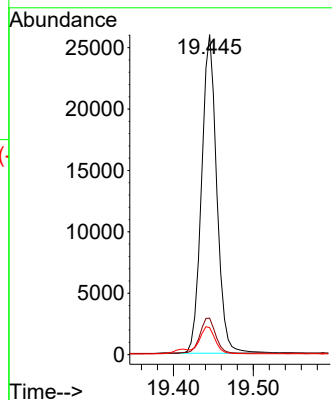
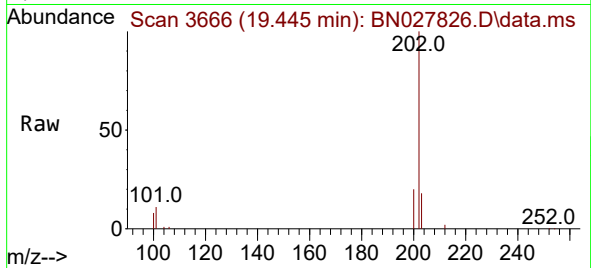




#19
Fluoranthene
Concen: 0.395 ng/ul
RT: 19.445 min Scan# 3666
Delta R.T. -0.000 min
Lab File: BN027826.D
Acq: 22 Sep 2023 16:02

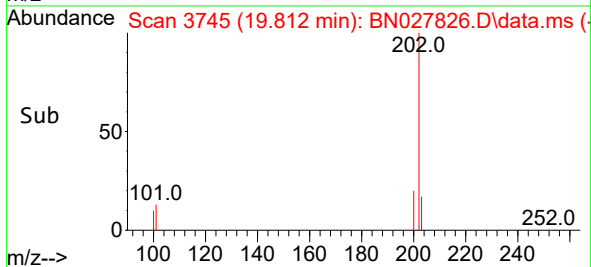
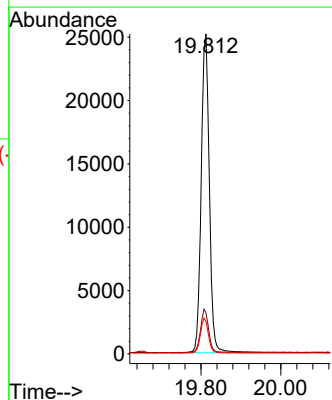
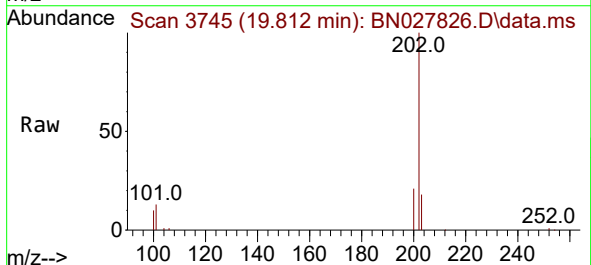
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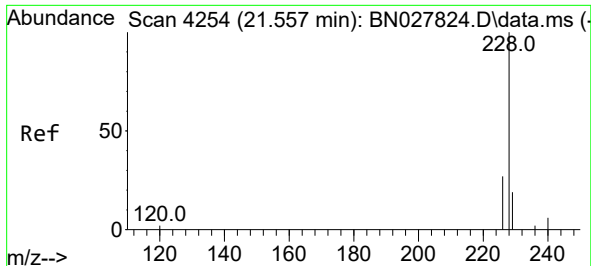
Tgt Ion:202 Resp: 34288
Ion Ratio Lower Upper
202 100
101 11.4 9.3 13.9
100 8.5 7.0 10.4



#20
Pyrene
Concen: 0.398 ng/ul
RT: 19.812 min Scan# 3745
Delta R.T. -0.000 min
Lab File: BN027826.D
Acq: 22 Sep 2023 16:02

Tgt Ion:202 Resp: 35586
Ion Ratio Lower Upper
202 100
101 12.9 11.4 17.0
100 10.2 9.1 13.7

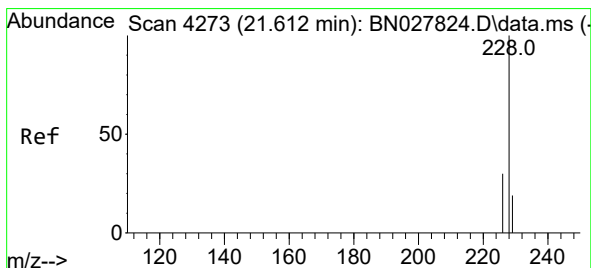
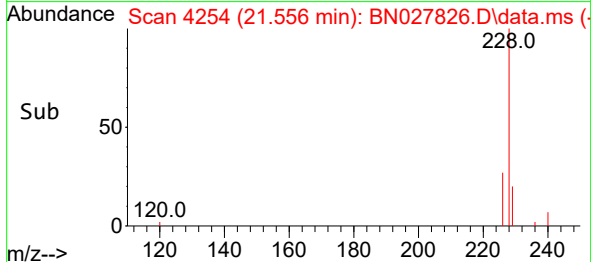
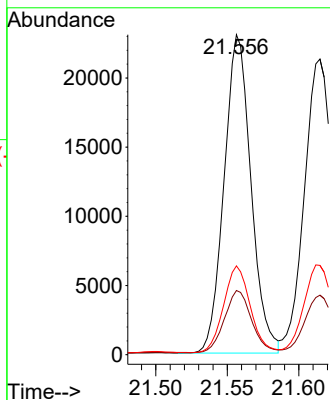
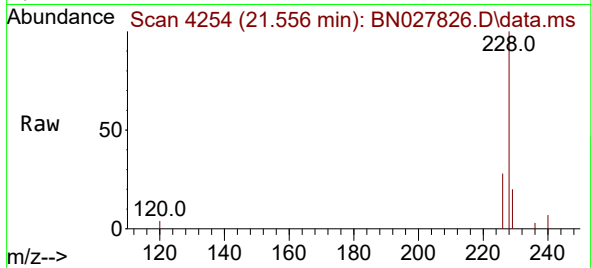




#21
Benzo(a)anthracene
Concen: 0.362 ng/ul
RT: 21.556 min Scan# 4254
Delta R.T. 0.003 min
Lab File: BN027826.D
Acq: 22 Sep 2023 16:02

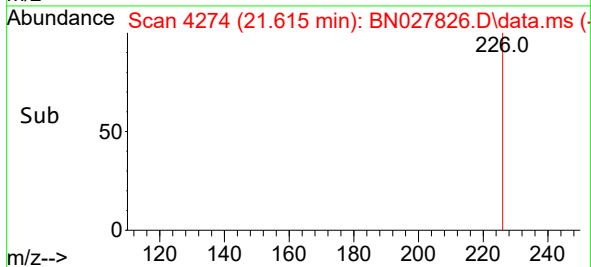
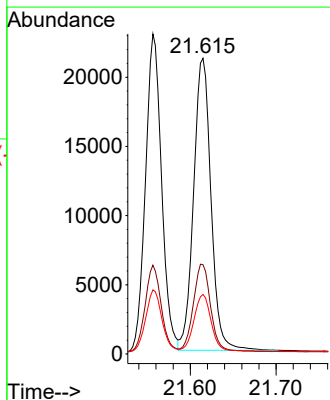
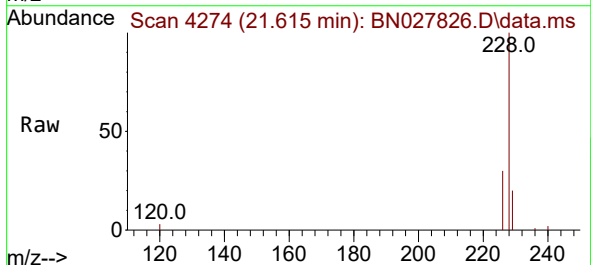
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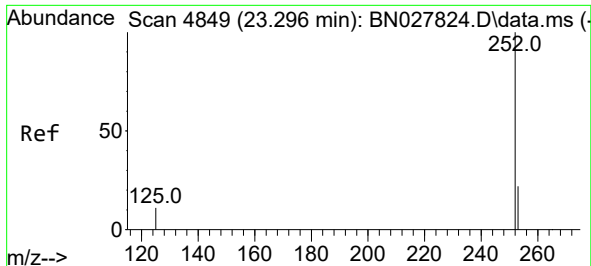
Tgt Ion:228 Resp: 30124
Ion Ratio Lower Upper
228 100
229 20.1 15.8 23.8
226 27.8 22.0 33.0



#22
Chrysene
Concen: 0.346 ng/ul
RT: 21.615 min Scan# 4274
Delta R.T. 0.006 min
Lab File: BN027826.D
Acq: 22 Sep 2023 16:02

Tgt Ion:228 Resp: 29736
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 20.1 16.0 24.0

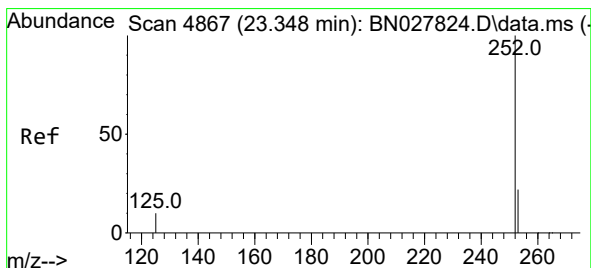
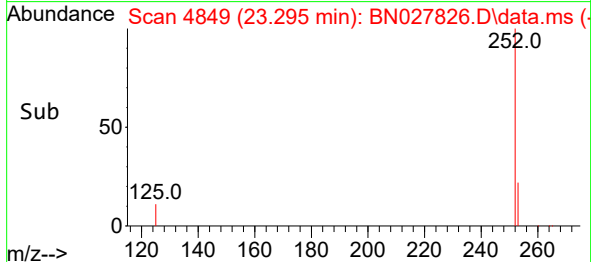
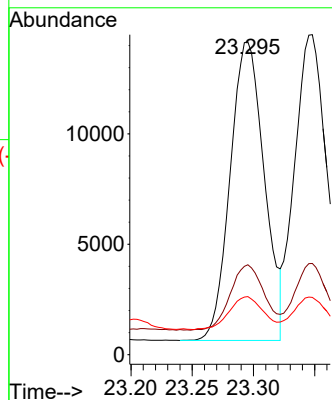
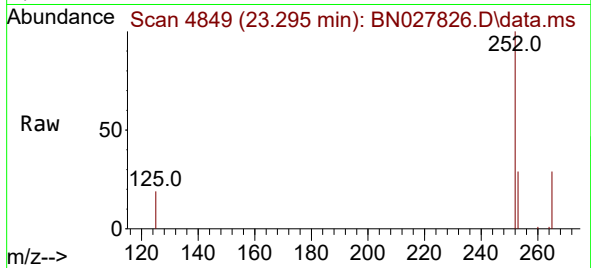




#24
Benzo(b)fluoranthene
Concen: 0.316 ng/ul
RT: 23.295 min Scan# 4849
Delta R.T. 0.006 min
Lab File: BN027826.D
Acq: 22 Sep 2023 16:02

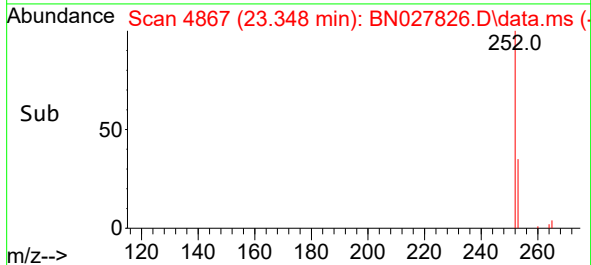
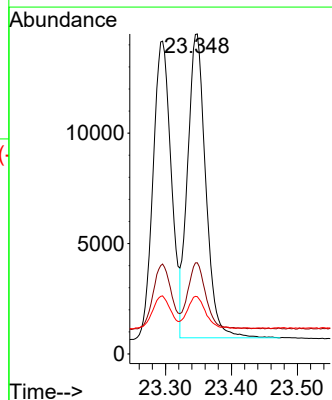
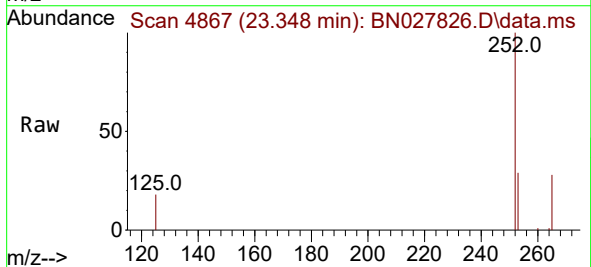
Instrument :
BNA_N
ClientSampleId :
SLCS653

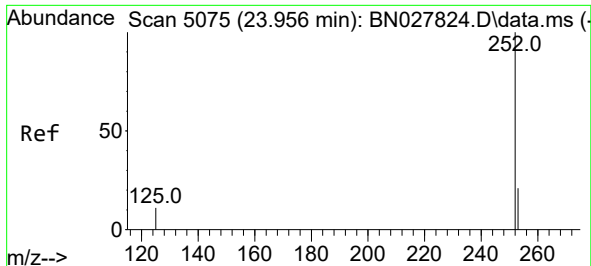
Tgt Ion:252 Resp: 26182
Ion Ratio Lower Upper
252 100
253 28.8 0.0 50.2
125 18.5 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.327 ng/ul
RT: 23.348 min Scan# 4867
Delta R.T. 0.006 min
Lab File: BN027826.D
Acq: 22 Sep 2023 16:02

Tgt Ion:252 Resp: 26237
Ion Ratio Lower Upper
252 100
253 28.5 19.9 29.9
125 17.9 12.6 19.0

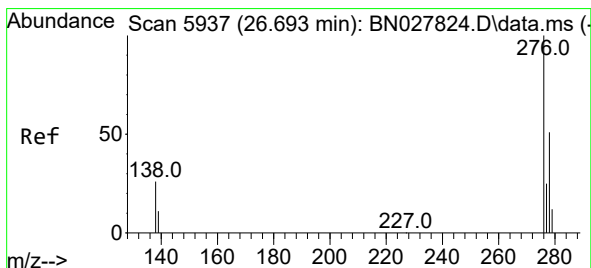
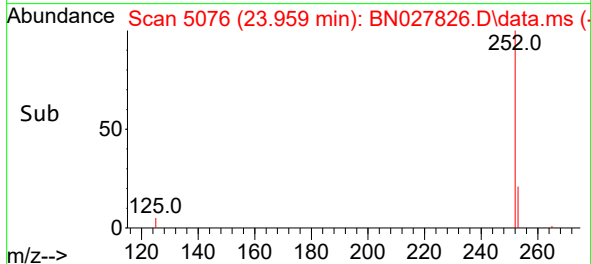
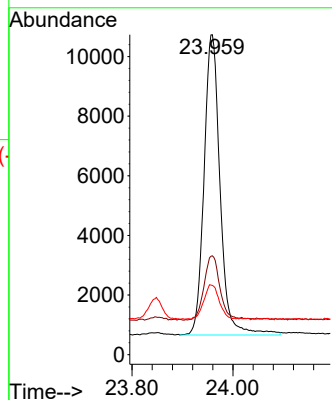
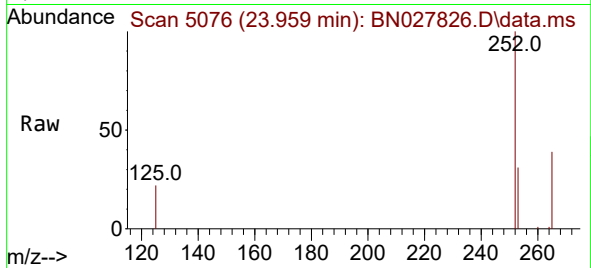




#26
Benzo(a)pyrene
Concen: 0.334 ng/ul
RT: 23.959 min Scan# 5075
Delta R.T. 0.009 min
Lab File: BN027826.D
Acq: 22 Sep 2023 16:02

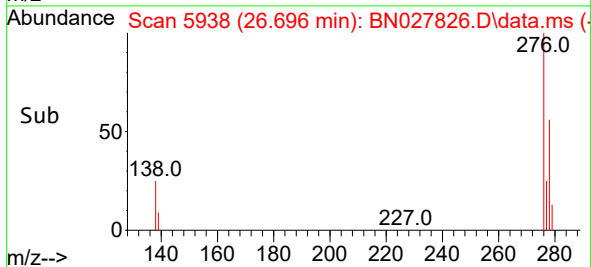
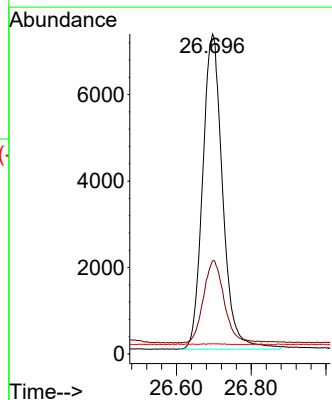
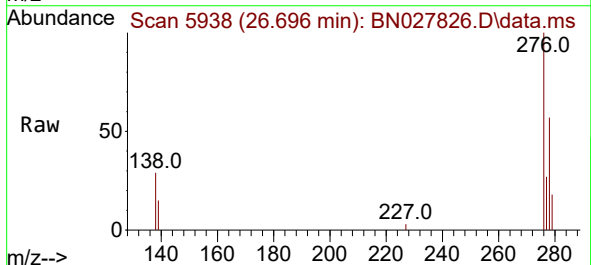
Instrument :
BNA_N
ClientSampleId :
SLCS653

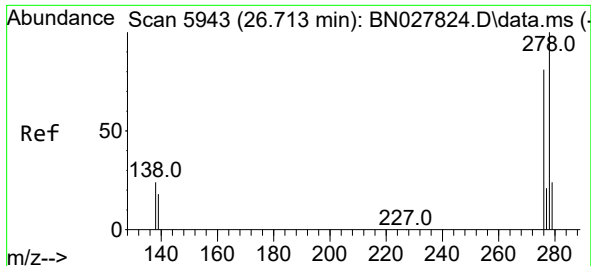
Tgt Ion:	252	Resp:	22258
Ion Ratio	Lower	Upper	
252	100		
253	30.9	21.9	32.9
125	21.6	15.5	23.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.316 ng/ul
RT: 26.696 min Scan# 5938
Delta R.T. 0.013 min
Lab File: BN027826.D
Acq: 22 Sep 2023 16:02

Tgt Ion:	276	Resp:	27022
Ion Ratio	Lower	Upper	
276	100		
138	26.9	24.3	36.5
227	0.1	0.0	0.0

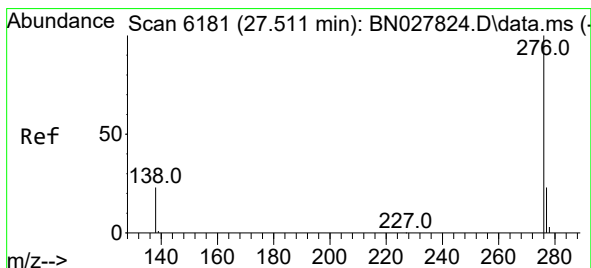
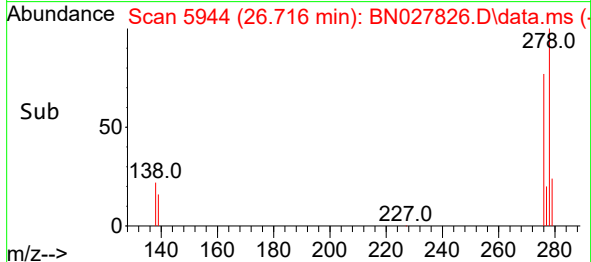
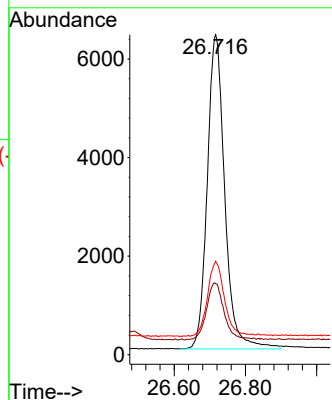
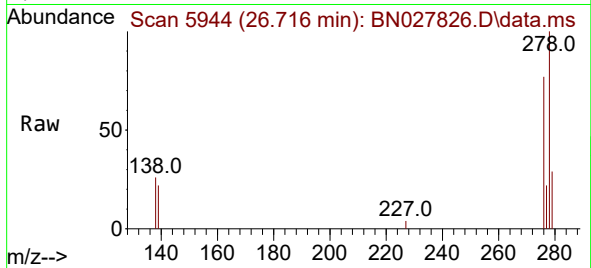




#28
Dibenzo(a,h)anthracene
Concen: 0.316 ng/ul
RT: 26.716 min Scan# 5944
Delta R.T. 0.010 min
Lab File: BN027826.D
Acq: 22 Sep 2023 16:02

Instrument :
BNA_N
ClientSampleId :
SLCS653

Tgt Ion:278 Resp: 21745
Ion Ratio Lower Upper
278 100
139 22.1 17.2 25.8
279 29.2 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.314 ng/ul
RT: 27.515 min Scan# 6182
Delta R.T. 0.010 min
Lab File: BN027826.D
Acq: 22 Sep 2023 16:02

Tgt Ion:276 Resp: 22768
Ion Ratio Lower Upper
276 100
138 26.6 21.7 32.5
277 25.7 20.2 30.2

