

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
 Data File : BN028815.D
 Acq On : 21 Nov 2023 17:55
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4326

Quant Time: Nov 21 23:52:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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

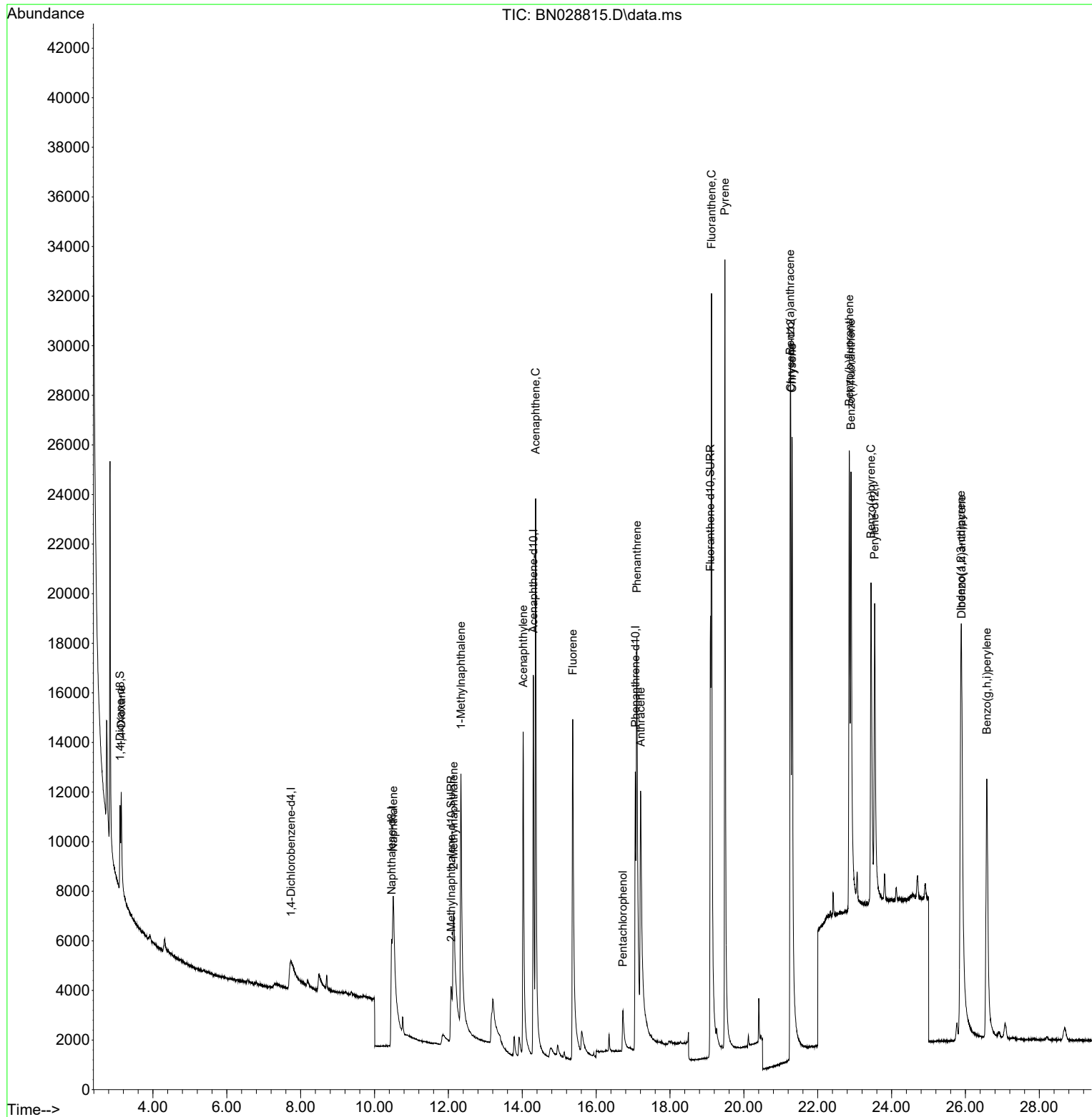
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.736	152	3646	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.462	136	17919	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.303	164	11879	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.061	188	21082	0.400	ng/ul	0.00
17) Chrysene-d12	21.270	240	18804	0.400	ng/ul	0.00
23) Perylene-d12	23.541	264	19244	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.108	96	3023	0.750	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	7288	0.270	ng/ul	0.00
18) Fluoranthene-d10	19.095	212	26928	0.445	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.141	88	2939	0.660	ng/ul#	89
5) Naphthalene	10.506	128	18208	0.363	ng/ul#	94
7) 2-Methylnaphthalene	12.140	142	8541	0.258	ng/ul	97
8) 1-Methylnaphthalene	12.338	142	11968	0.356	ng/ul	99
10) Acenaphthylene	14.025	152	24702	0.417	ng/ul	99
11) Acenaphthene	14.363	153	18055	0.414	ng/ul	99
12) Fluorene	15.367	166	18077	0.356	ng/ul	97
14) Pentachlorophenol	16.723	266	2311	0.457	ng/ul	99
15) Phenanthrene	17.103	178	26736	0.413	ng/ul	96
16) Anthracene	17.204	178	20351	0.343	ng/ul#	95
19) Fluoranthene	19.123	202	34650	0.433	ng/ul	100
20) Pyrene	19.485	202	38411	0.463	ng/ul	98
21) Benzo(a)anthracene	21.255	228	25549	0.344	ng/ul	98
22) Chrysene	21.305	228	28760	0.396	ng/ul	99
24) Benzo(b)fluoranthene	22.854	252	26212	0.363	ng/ul	89
25) Benzo(k)fluoranthene	22.904	252	31072	0.411	ng/ul#	91
26) Benzo(a)pyrene	23.444	252	27855	0.409	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.874	276	32871	0.434	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.898	278	25561	0.423	ng/ul#	92
29) Benzo(g,h,i)perylene	26.579	276	28078	0.453	ng/ul	97

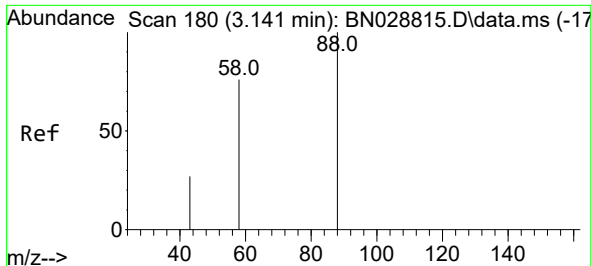
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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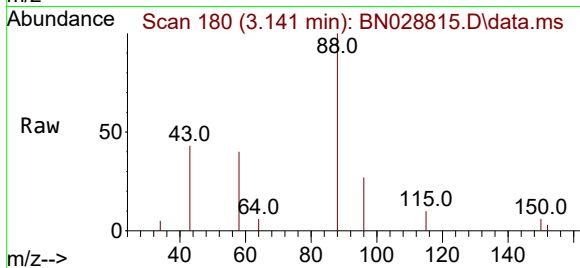
Quant Time: Nov 21 23:52:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
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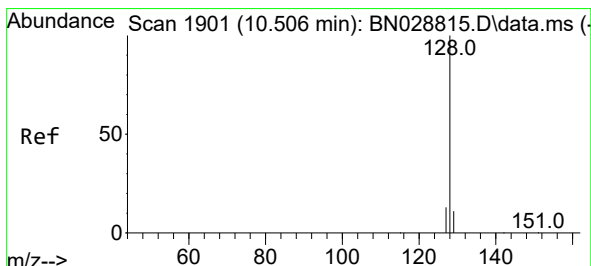
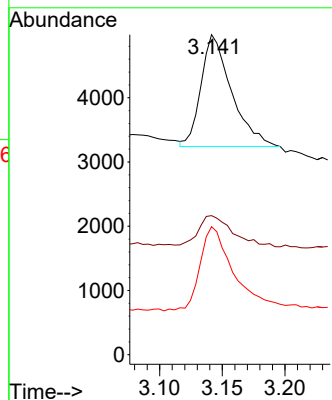
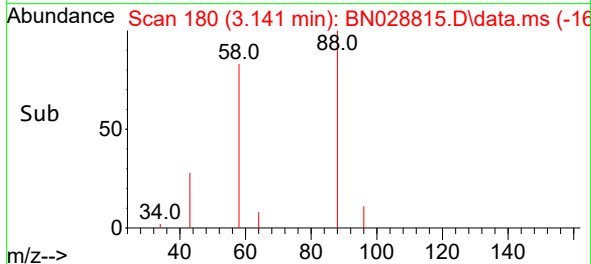


#2
1,4-Dioxane
Concen: 0.660 ng/ul
RT: 3.141 min Scan# 180
Delta R.T. 0.000 min
Lab File: BN028815.D
Acq: 21 Nov 2023 17:55

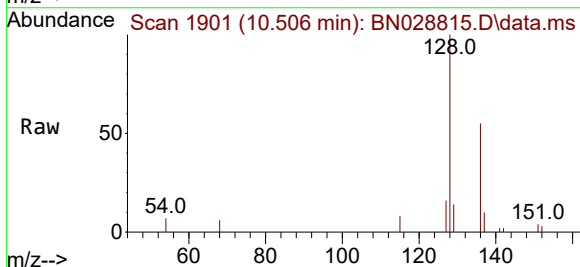
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BNA_N
ClientSampleId :
SSTD0.4326



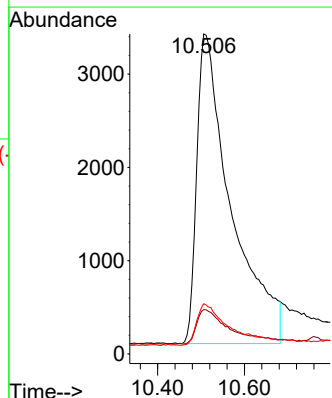
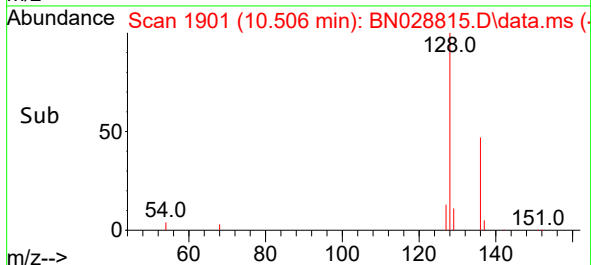
Tgt Ion: 88 Resp: 2939
Ion Ratio Lower Upper
88 100
43 43.5 32.9 49.3
58 40.0 41.8 62.8#

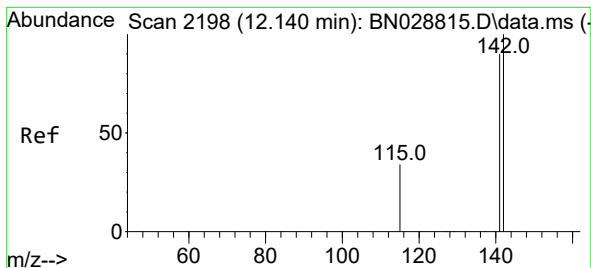


#5
Naphthalene
Concen: 0.363 ng/ul
RT: 10.506 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BN028815.D
Acq: 21 Nov 2023 17:55



Tgt Ion: 128 Resp: 18208
Ion Ratio Lower Upper
128 100
129 13.9 9.2 13.8#
127 15.7 10.7 16.1

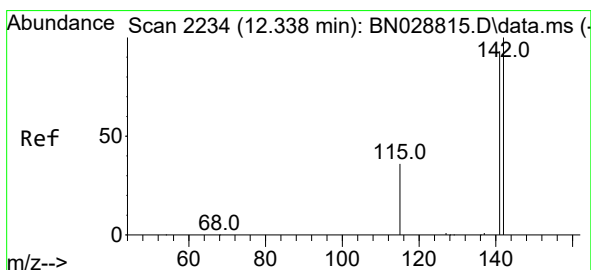
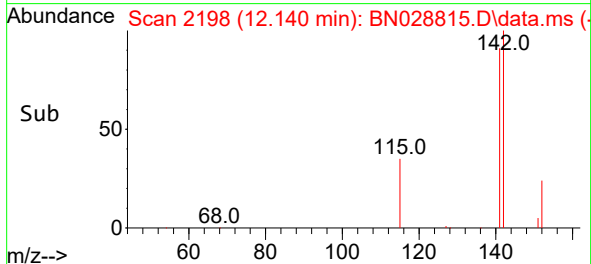
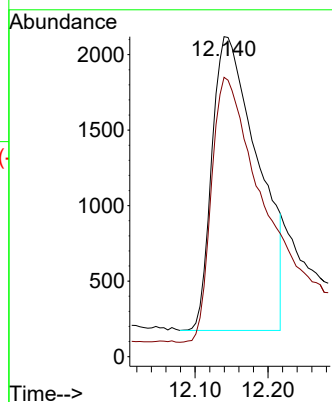
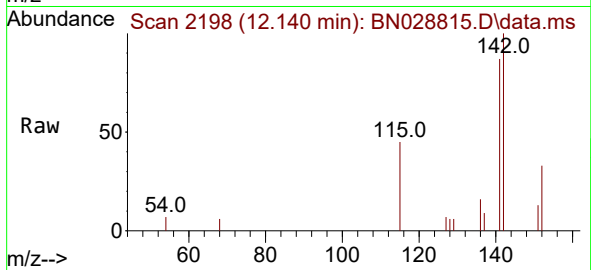




#7
2-Methylnaphthalene
Concen: 0.258 ng/ul
RT: 12.140 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BN028815.D
Acq: 21 Nov 2023 17:55

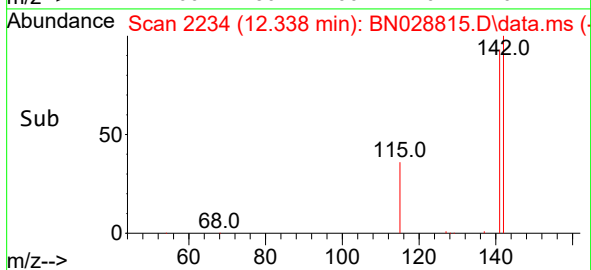
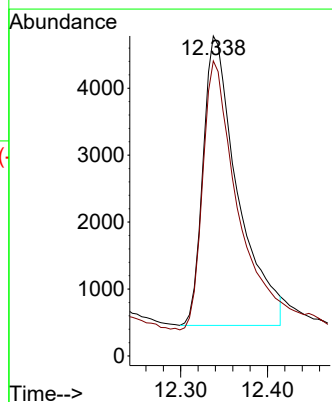
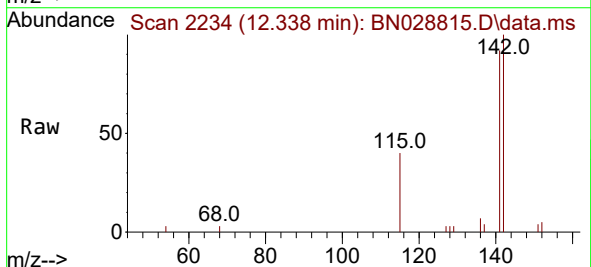
Instrument :
BNA_N
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SSTD0.4326

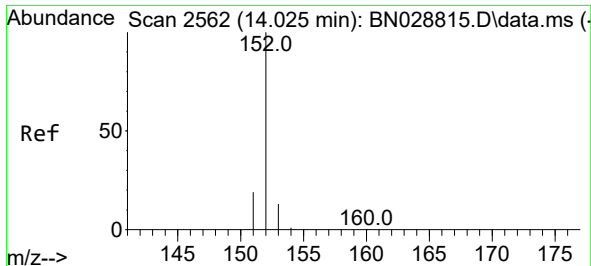
Tgt Ion:142 Resp: 8541
Ion Ratio Lower Upper
142 100
141 90.9 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.338 min Scan# 2234
Delta R.T. 0.000 min
Lab File: BN028815.D
Acq: 21 Nov 2023 17:55

Tgt Ion:142 Resp: 11968
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1

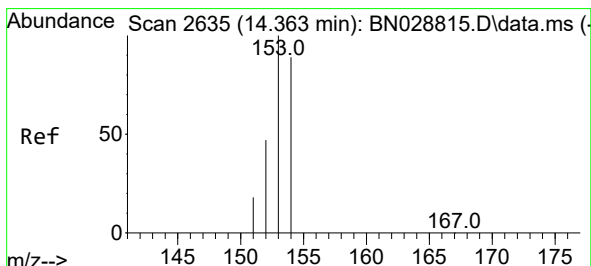
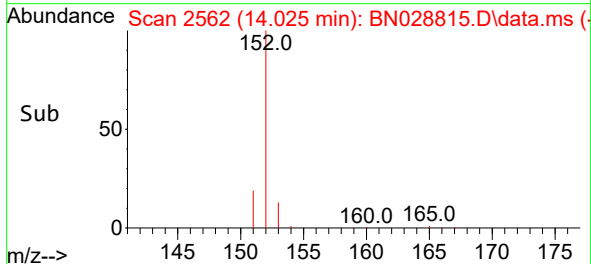
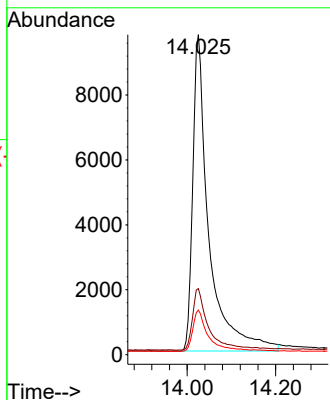
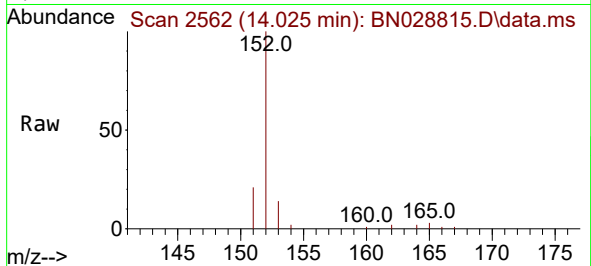




#10
Acenaphthylene
Concen: 0.417 ng/ul
RT: 14.025 min Scan# 2562
Delta R.T. 0.000 min
Lab File: BN028815.D
Acq: 21 Nov 2023 17:55

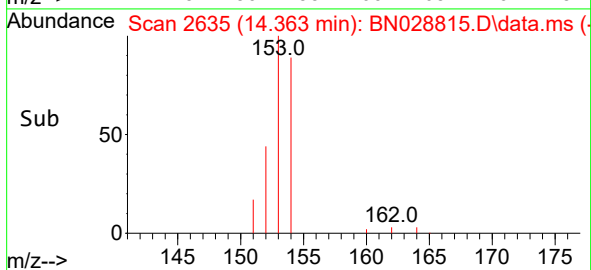
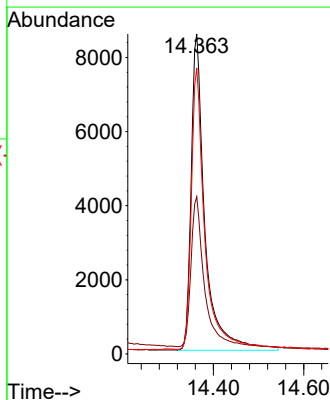
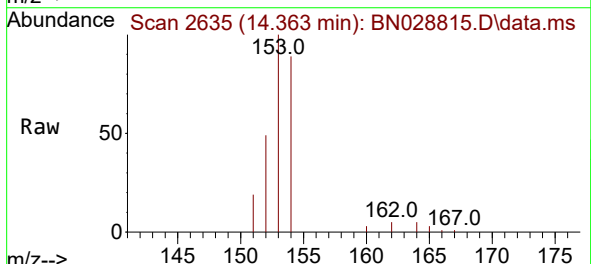
Instrument :
BNA_N
ClientSampleId :
SSTD0.4326

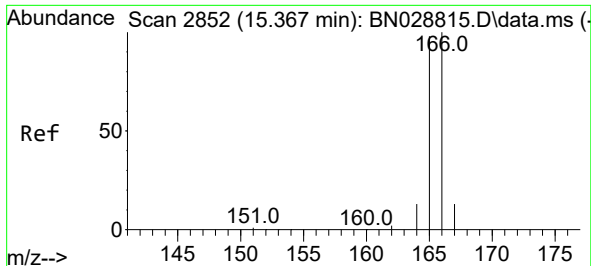
Tgt Ion:152 Resp: 24702
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1
153 14.0 10.6 15.8



#11
Acenaphthene
Concen: 0.414 ng/ul
RT: 14.363 min Scan# 2635
Delta R.T. 0.000 min
Lab File: BN028815.D
Acq: 21 Nov 2023 17:55

Tgt Ion:153 Resp: 18055
Ion Ratio Lower Upper
153 100
152 49.1 39.6 59.4
154 89.4 71.0 106.6

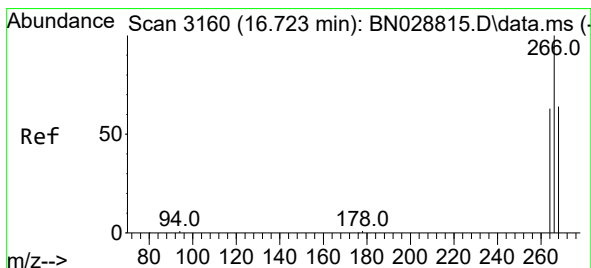
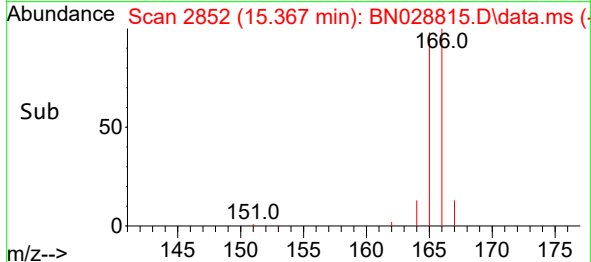
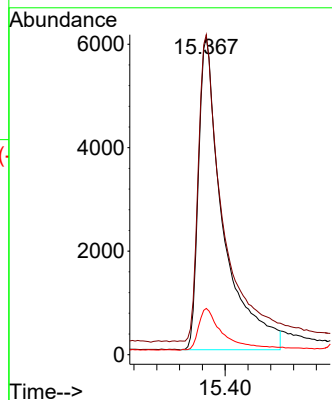
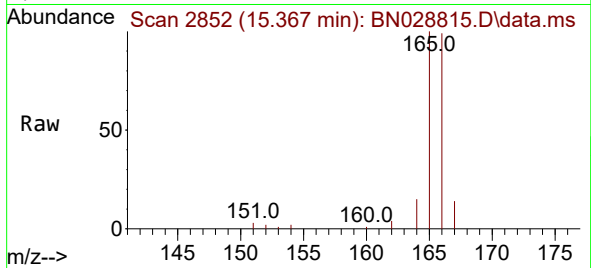




#12
Fluorene
Concen: 0.356 ng/ul
RT: 15.367 min Scan# 2852
Delta R.T. 0.000 min
Lab File: BN028815.D
Acq: 21 Nov 2023 17:55

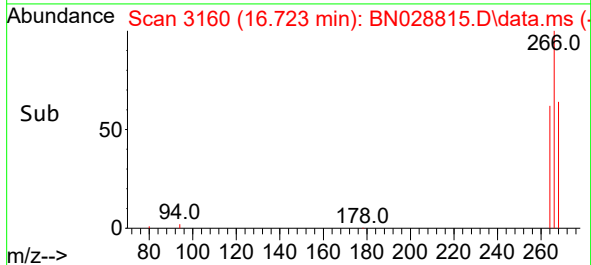
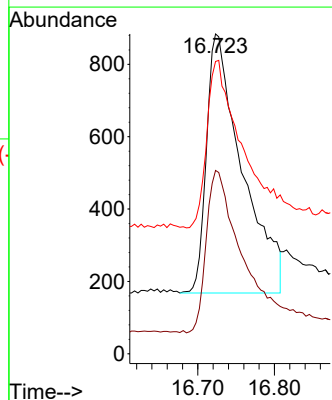
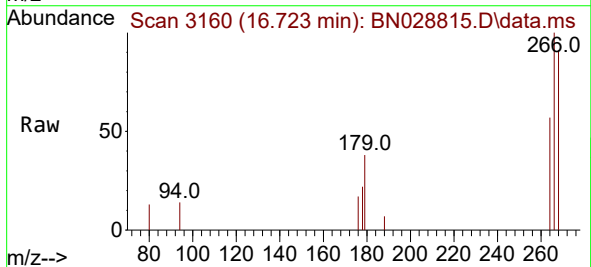
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BNA_N
ClientSampleId :
SSTD0.4326

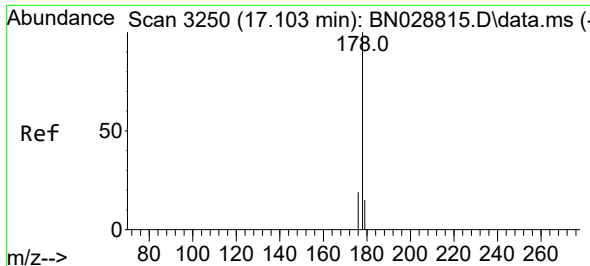
Tgt Ion:166 Resp: 18077
Ion Ratio Lower Upper
166 100
165 100.9 78.6 118.0
167 14.6 11.0 16.6



#14
Pentachlorophenol
Concen: 0.457 ng/ul
RT: 16.723 min Scan# 3160
Delta R.T. 0.000 min
Lab File: BN028815.D
Acq: 21 Nov 2023 17:55

Tgt Ion:266 Resp: 2311
Ion Ratio Lower Upper
266 100
264 63.2 50.1 75.1
268 63.4 50.6 75.8

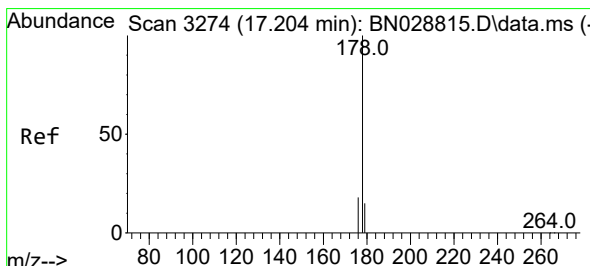
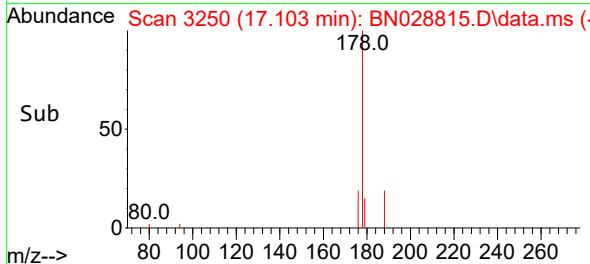
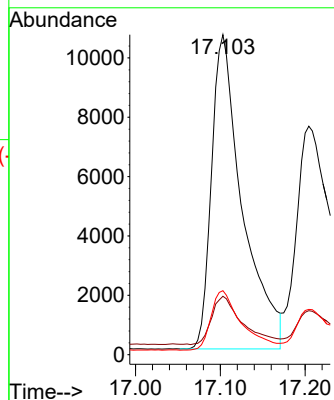
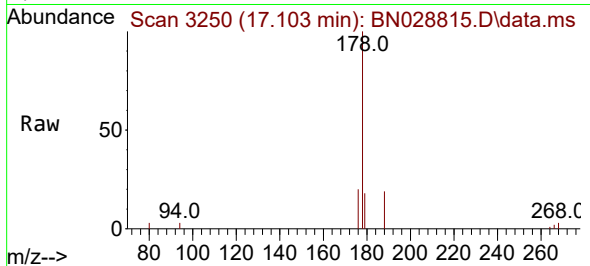




#15
Phenanthrene
Concen: 0.413 ng/ul
RT: 17.103 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BN028815.D
Acq: 21 Nov 2023 17:55

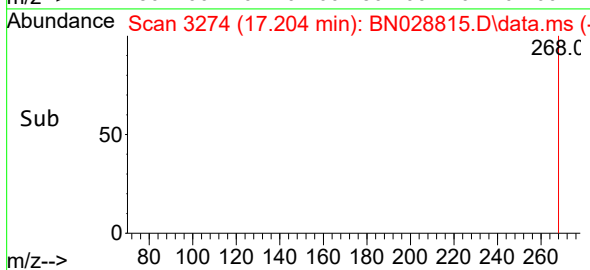
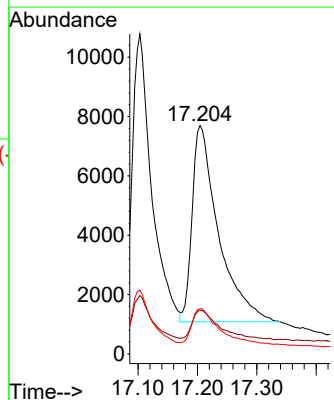
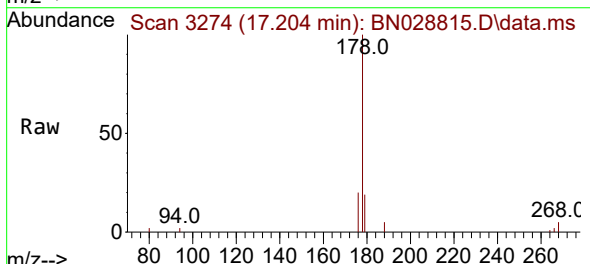
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ClientSampleId :
SSTD0.4326

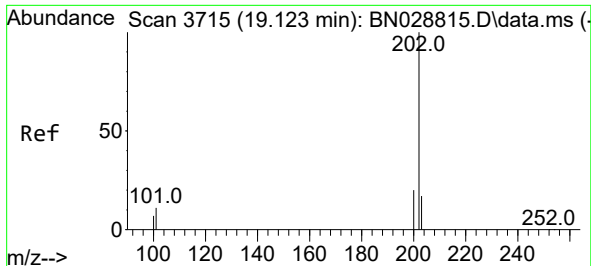
Tgt Ion:178 Resp: 26736
Ion Ratio Lower Upper
178 100
179 18.2 12.4 18.6
176 20.0 15.4 23.2



#16
Anthracene
Concen: 0.343 ng/ul
RT: 17.204 min Scan# 3274
Delta R.T. 0.000 min
Lab File: BN028815.D
Acq: 21 Nov 2023 17:55

Tgt Ion:178 Resp: 20351
Ion Ratio Lower Upper
178 100
179 19.3 12.6 18.8#
176 19.8 14.9 22.3

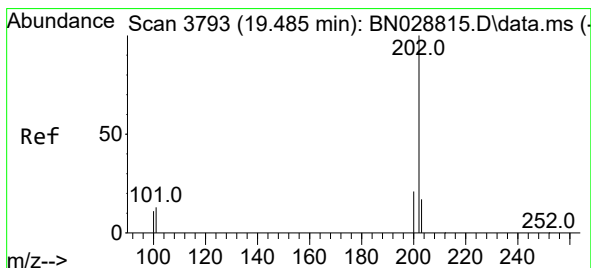
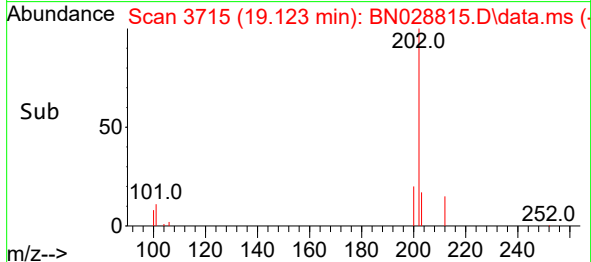
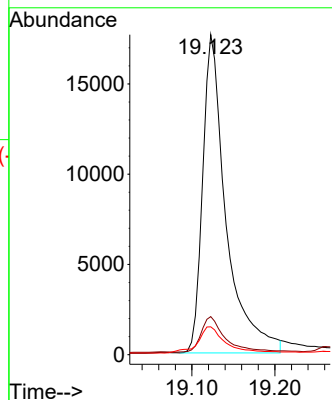
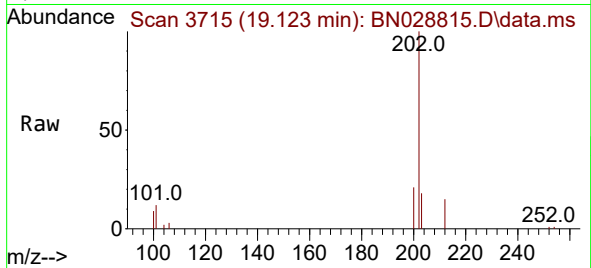




#19
Fluoranthene
Concen: 0.433 ng/ul
RT: 19.123 min Scan# 3715
Delta R.T. 0.000 min
Lab File: BN028815.D
Acq: 21 Nov 2023 17:55

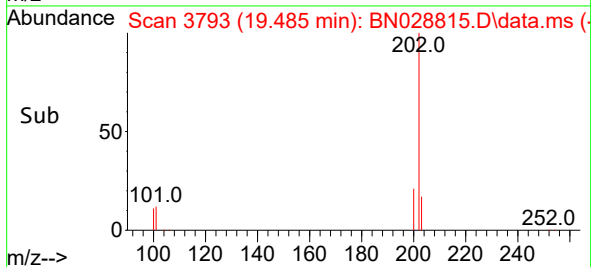
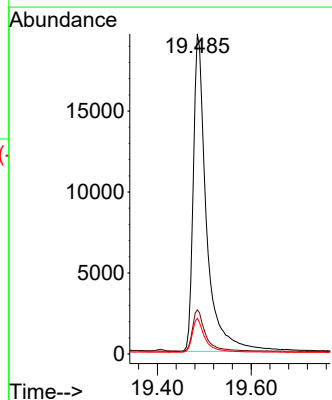
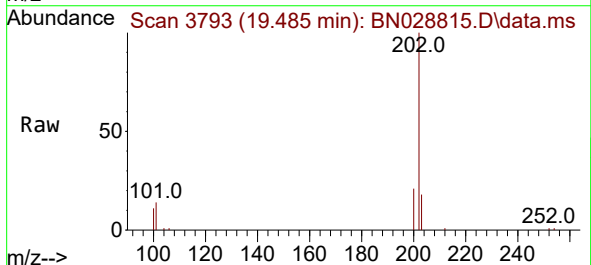
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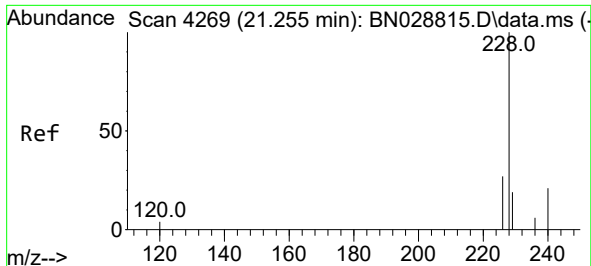
Tgt Ion:202 Resp: 34650
Ion Ratio Lower Upper
202 100
101 11.9 9.5 14.3
100 8.7 7.2 10.8



#20
Pyrene
Concen: 0.463 ng/ul
RT: 19.485 min Scan# 3793
Delta R.T. 0.000 min
Lab File: BN028815.D
Acq: 21 Nov 2023 17:55

Tgt Ion:202 Resp: 38411
Ion Ratio Lower Upper
202 100
101 13.8 10.3 15.5
100 11.1 8.2 12.2

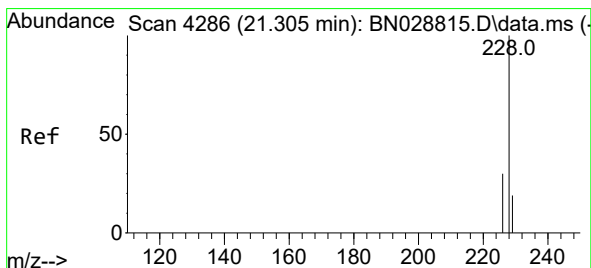
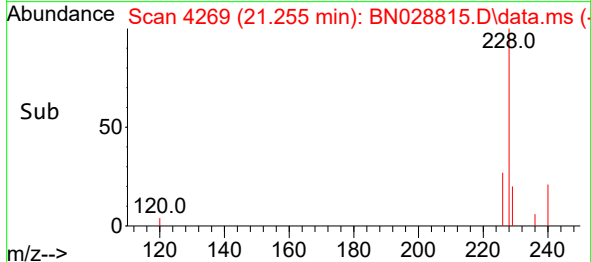
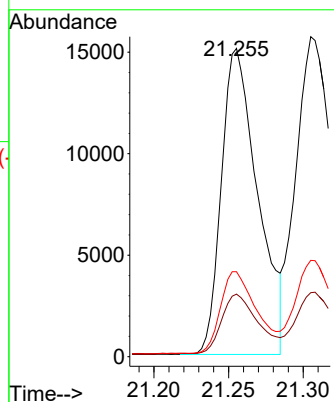
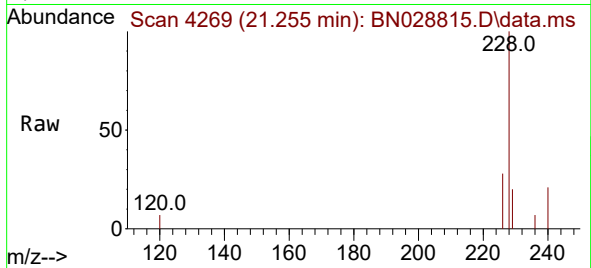




#21
Benzo(a)anthracene
Concen: 0.344 ng/ul
RT: 21.255 min Scan# 4269
Delta R.T. 0.000 min
Lab File: BN028815.D
Acq: 21 Nov 2023 17:55

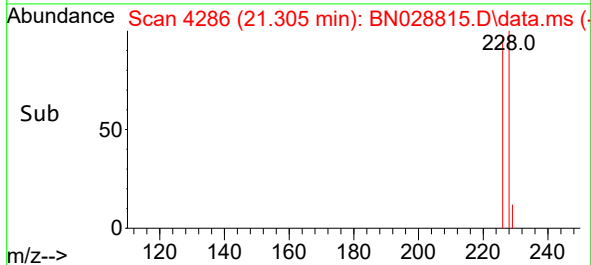
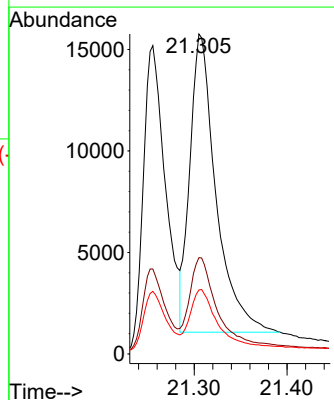
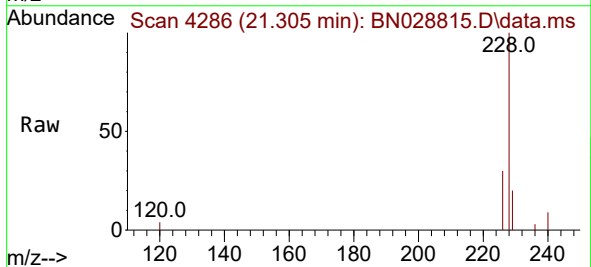
Instrument :
BNA_N
ClientSampleId :
SSTD0.4326

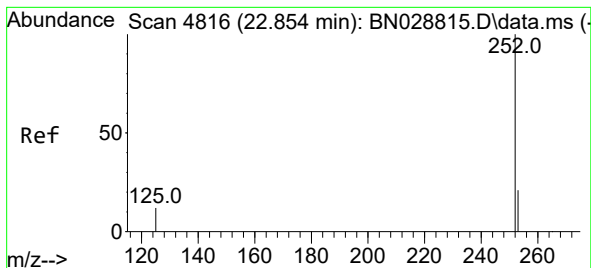
Tgt Ion:228 Resp: 25549
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 27.6 21.4 32.0



#22
Chrysene
Concen: 0.396 ng/ul
RT: 21.305 min Scan# 4286
Delta R.T. 0.000 min
Lab File: BN028815.D
Acq: 21 Nov 2023 17:55

Tgt Ion:228 Resp: 28760
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.8
229 20.0 15.4 23.2





#24

Benzo(b)fluoranthene

Concen: 0.363 ng/ul

RT: 22.854 min Scan# 4816

Delta R.T. 0.000 min

Lab File: BN028815.D

Acq: 21 Nov 2023 17:55

Instrument :

BNA_N

ClientSampleId :

SSTD0.4326

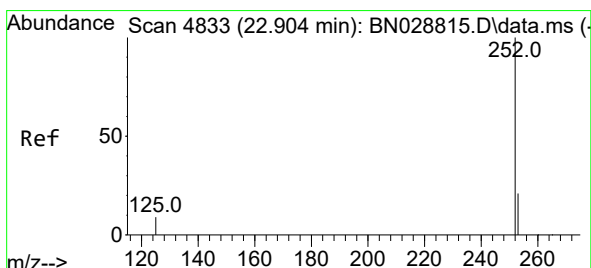
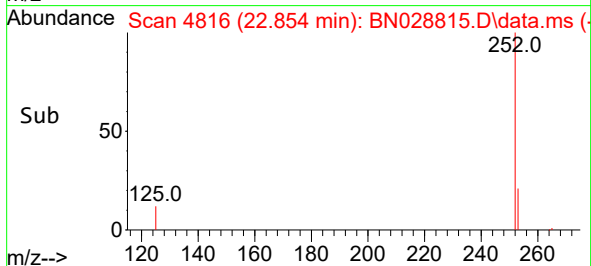
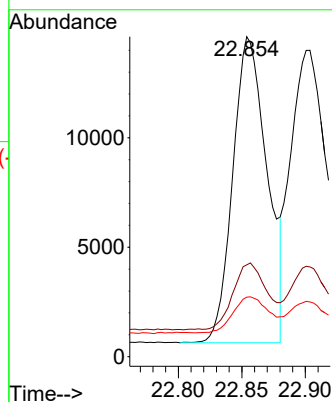
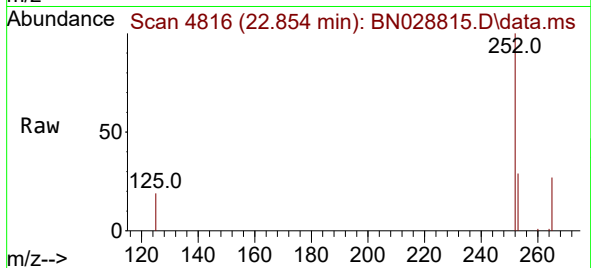
Tgt Ion:252 Resp: 26212

Ion Ratio Lower Upper

252 100

253 28.7 0.0 46.6

125 18.6 0.0 27.6



#25

Benzo(k)fluoranthene

Concen: 0.411 ng/ul

RT: 22.904 min Scan# 4833

Delta R.T. 0.000 min

Lab File: BN028815.D

Acq: 21 Nov 2023 17:55

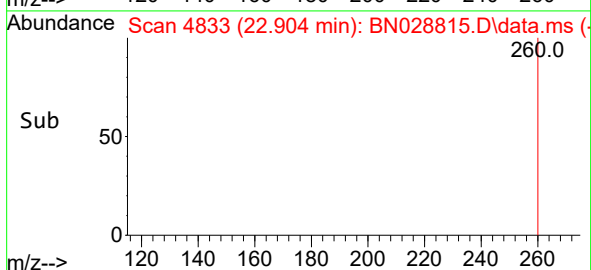
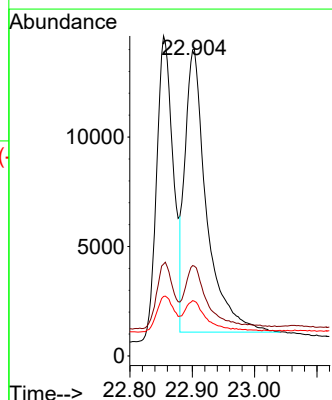
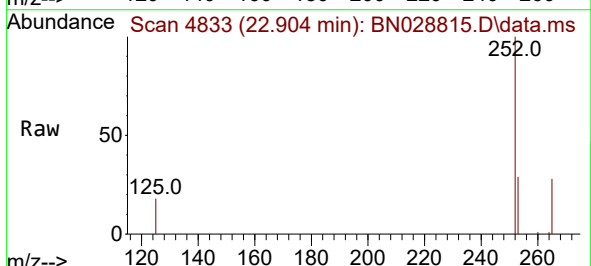
Tgt Ion:252 Resp: 31072

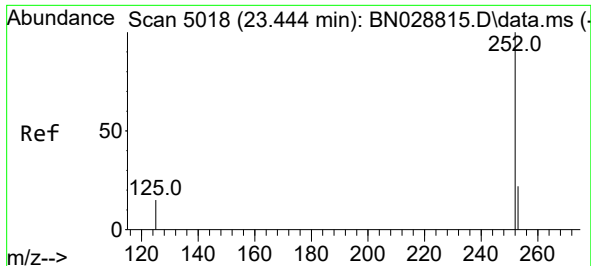
Ion Ratio Lower Upper

252 100

253 29.3 18.6 28.0#

125 17.9 12.7 19.1

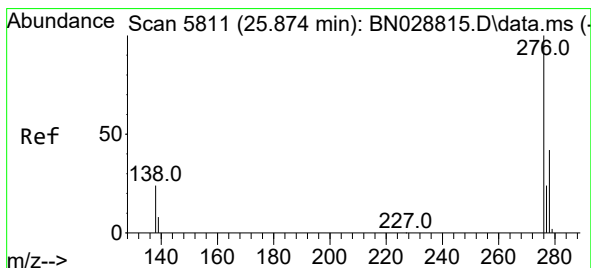
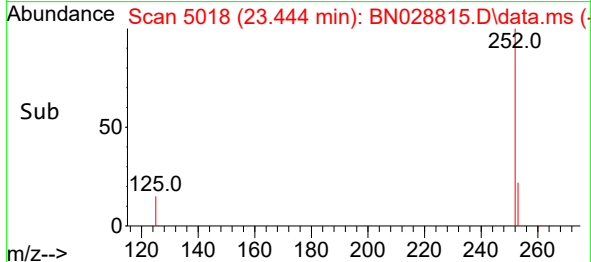
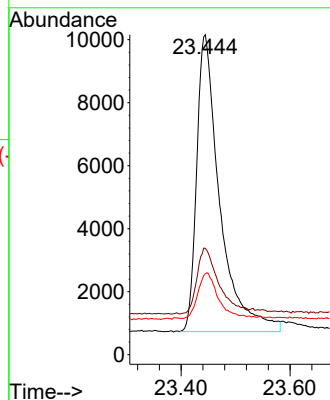
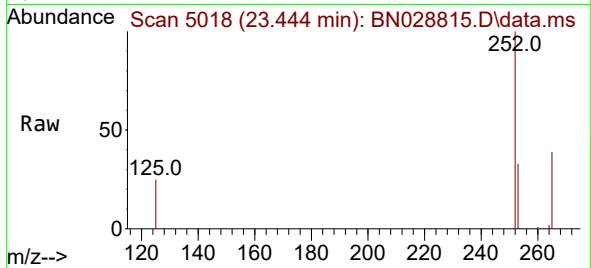




#26
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.444 min Scan# 5018
Delta R.T. 0.000 min
Lab File: BN028815.D
Acq: 21 Nov 2023 17:55

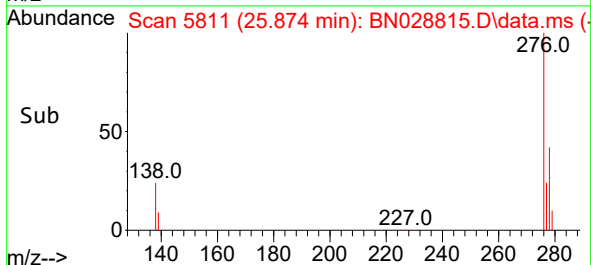
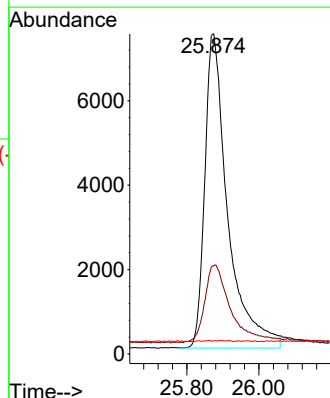
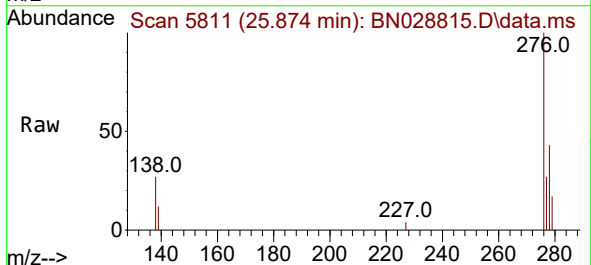
Instrument :
BNA_N
ClientSampleId :
SSTD0.4326

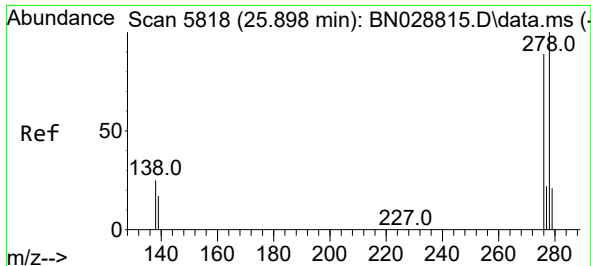
Tgt Ion:252 Resp: 27855
Ion Ratio Lower Upper
252 100
253 33.2 19.0 28.6#
125 25.3 13.2 19.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.434 ng/ul
RT: 25.874 min Scan# 5811
Delta R.T. 0.000 min
Lab File: BN028815.D
Acq: 21 Nov 2023 17:55

Tgt Ion:276 Resp: 32871
Ion Ratio Lower Upper
276 100
138 28.0 23.8 35.6
227 0.0 0.1 0.1#

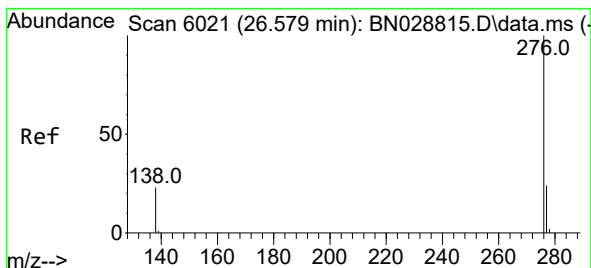
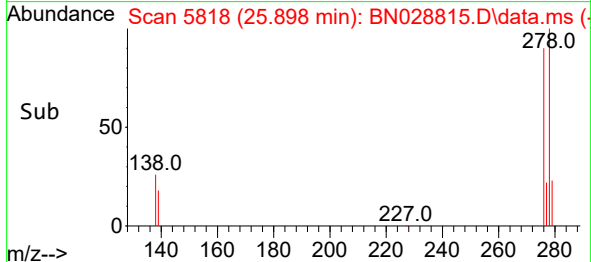
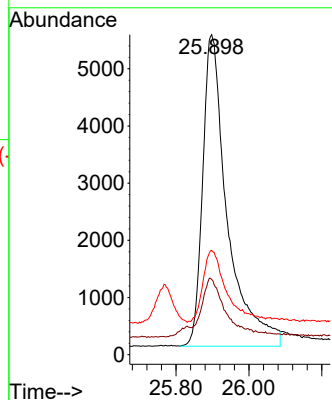
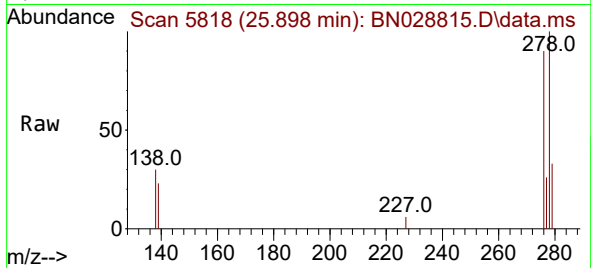




#28
Dibenzo(a,h)anthracene
Concen: 0.423 ng/ul
RT: 25.898 min Scan# 5818
Delta R.T. 0.000 min
Lab File: BN028815.D
Acq: 21 Nov 2023 17:55

Instrument :
BNA_N
ClientSampleId :
SSTD0.4326

Tgt Ion:278 Resp: 25561
Ion Ratio Lower Upper
278 100
139 23.5 18.2 27.4
279 32.6 20.7 31.1#



#29
Benzo(g,h,i)perylene
Concen: 0.453 ng/ul
RT: 26.579 min Scan# 6021
Delta R.T. 0.000 min
Lab File: BN028815.D
Acq: 21 Nov 2023 17:55

Tgt Ion:276 Resp: 28078
Ion Ratio Lower Upper
276 100
138 26.8 20.5 30.7
277 26.4 19.4 29.0

