

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027435.D
 Acq On : 07 Sep 2023 09:52
 Operator : MA/JU
 Sample : 04113-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYH8

Quant Time: Sep 08 01:55:41 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)

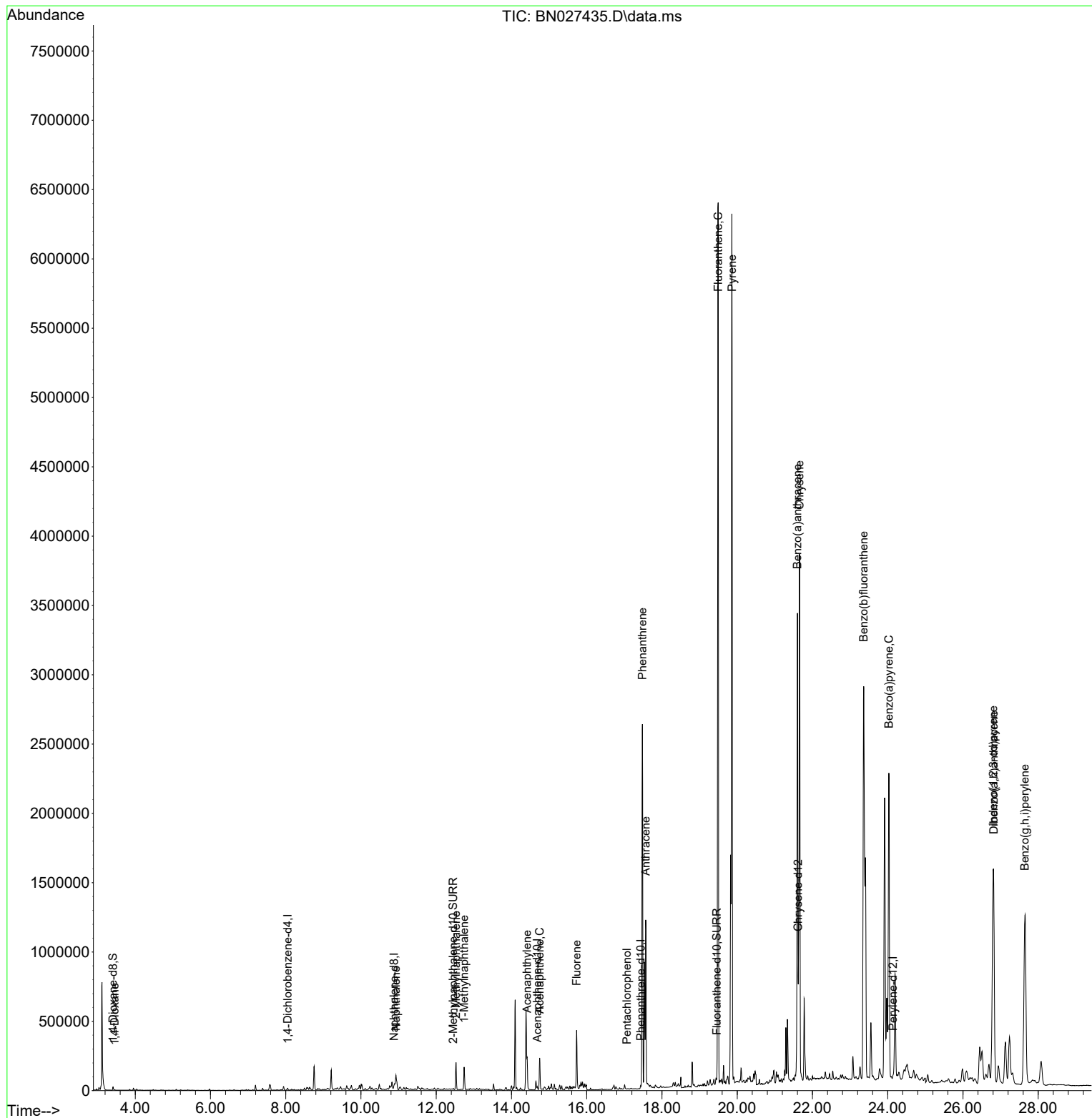
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	5846	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.878	136	20546	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.684	164	12614	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.434	188	29127	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.618	240	22140	0.400	ng/ul	# 0.00
23) Perylene-d12	24.140	264	21835	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	16380	2.106	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	5242	0.168	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	14530	0.192	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.448	88	993	0.126	ng/ul#	38
5) Naphthalene	10.927	128	162226	2.722	ng/ul	98
7) 2-Methylnaphthalene	12.528	142	139225	3.734	ng/ul	99
8) 1-Methylnaphthalene	12.742	142	107416	2.704	ng/ul	100
10) Acenaphthylene	14.416	152	264219	4.575	ng/ul	99
11) Acenaphthene	14.749	153	131019	2.637	ng/ul	98
12) Fluorene	15.730	166	267097	4.798	ng/ul	99
14) Pentachlorophenol	17.071	266	159	0.028	ng/ul#	69
15) Phenanthrene	17.481	178	2842031	29.954	ng/ul	99
16) Anthracene	17.569	178	1272856	16.874	ng/ul	99
19) Fluoranthene	19.492	202	5784306	56.813	ng/ul	99
20) Pyrene	19.859	202	5604308	54.062	ng/ul	99
21) Benzo(a)anthracene	21.600	228	3115733	39.066	ng/ul	96
22) Chrysene	21.656	228	4215285	45.272	ng/ul	96
24) Benzo(b)fluoranthene	23.360	252	7482657	72.563	ng/ul	94
26) Benzo(a)pyrene	24.029	252	3423296	42.508	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.803	276	3001044	33.548	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.817	278	814978	11.916	ng/ul	99
29) Benzo(g,h,i)perylene	27.645	276	3032000	37.557	ng/ul	96

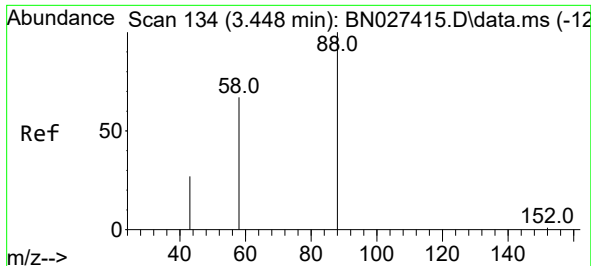
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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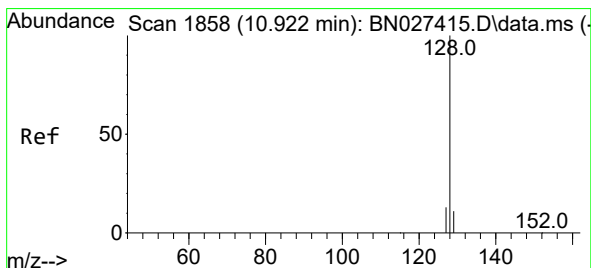
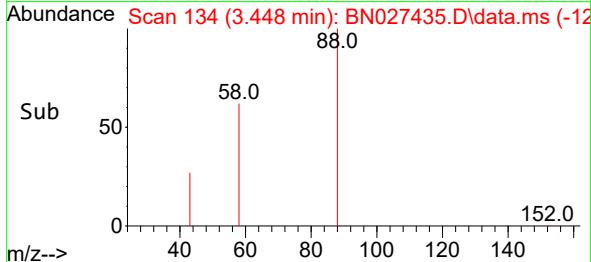
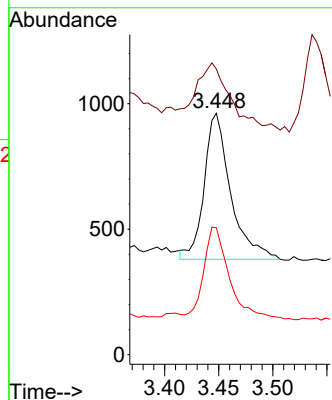
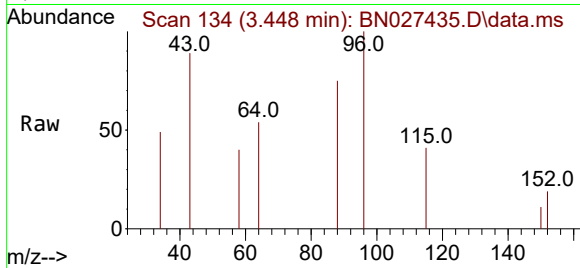




#2
1,4-Dioxane
Concen: 0.126 ng/ul
RT: 3.448 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

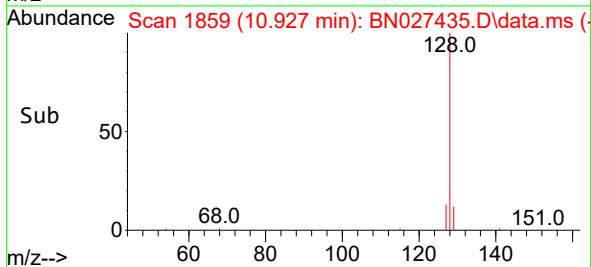
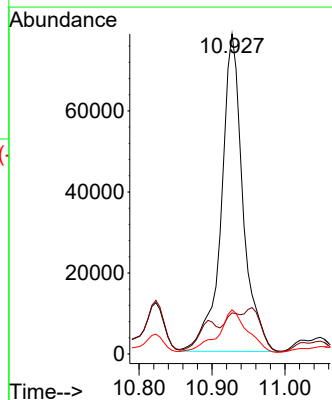
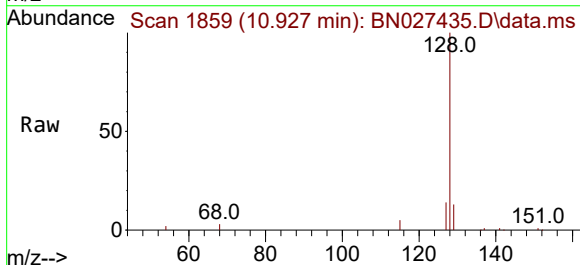
Instrument :
BNA_N
ClientSampleId :
EZYH8

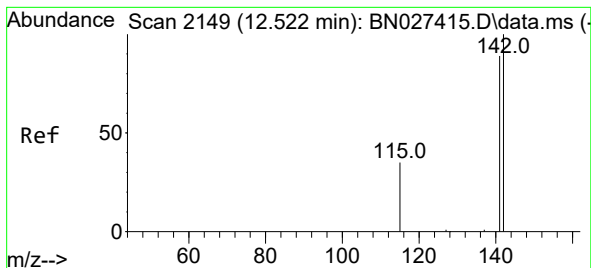
Tgt Ion: 88 Resp: 993
Ion Ratio Lower Upper
88 100
43 118.3 26.8 40.2#
58 52.6 39.9 59.9



#5
Naphthalene
Concen: 2.722 ng/ul
RT: 10.927 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

Tgt Ion:128 Resp: 162226
Ion Ratio Lower Upper
128 100
129 12.9 9.4 14.0
127 13.8 10.6 16.0

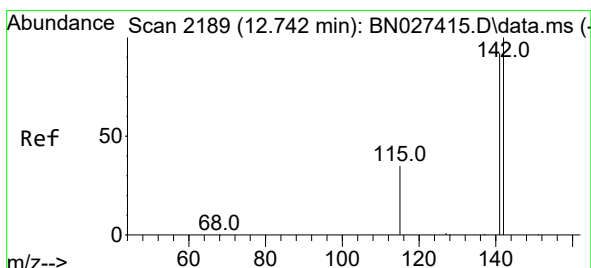
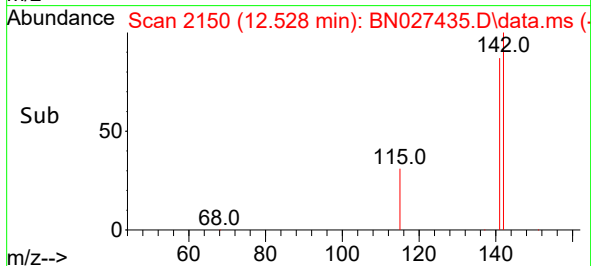
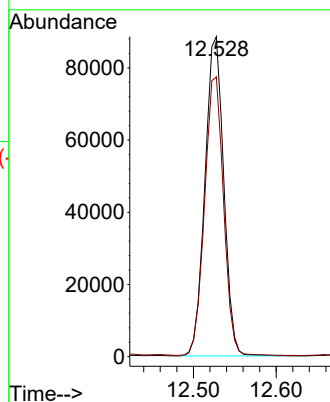
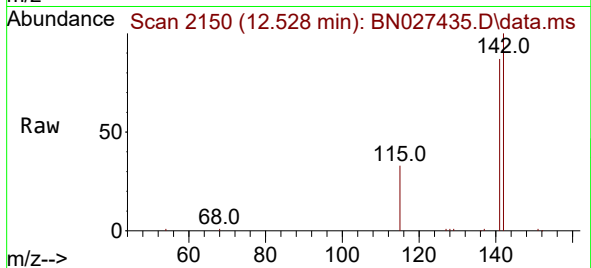




#7
2-Methylnaphthalene
Concen: 3.734 ng/ul
RT: 12.528 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

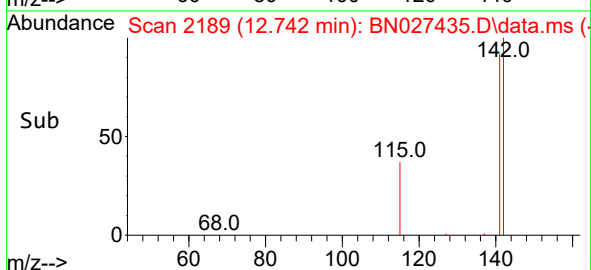
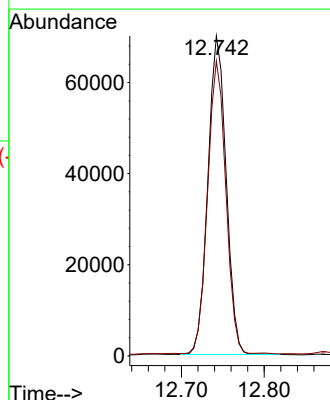
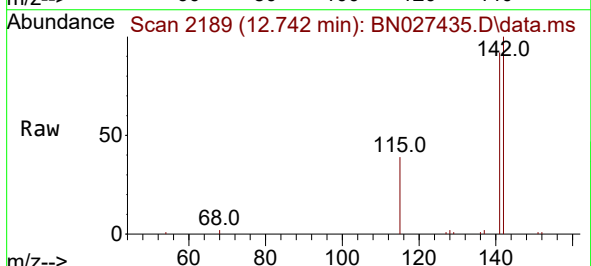
Instrument :
BNA_N
ClientSampleId :
EZYH8

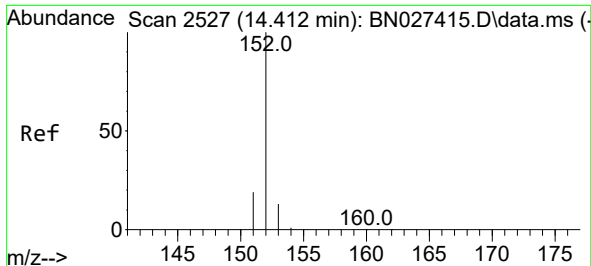
Tgt Ion:142 Resp: 139225
Ion Ratio Lower Upper
142 100
141 88.1 71.6 107.4



#8
1-Methylnaphthalene
Concen: 2.704 ng/ul
RT: 12.742 min Scan# 2189
Delta R.T. -0.005 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

Tgt Ion:142 Resp: 107416
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.4

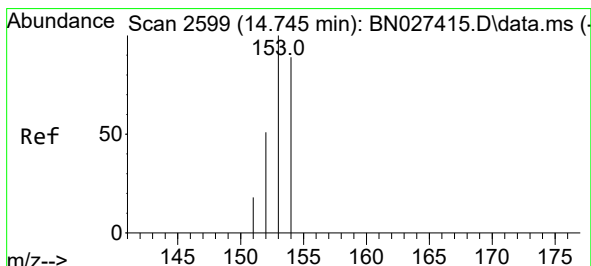
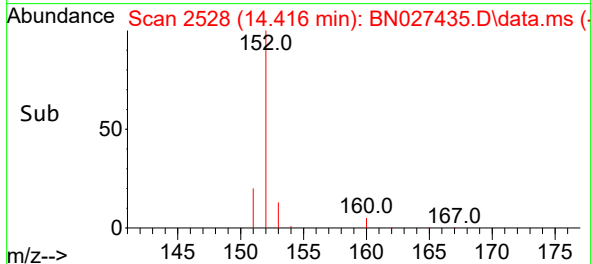
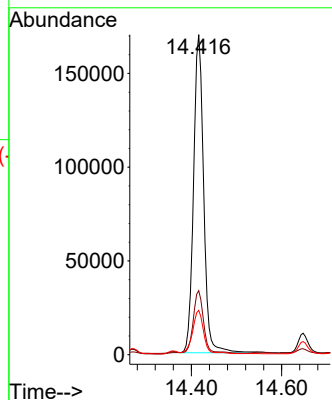
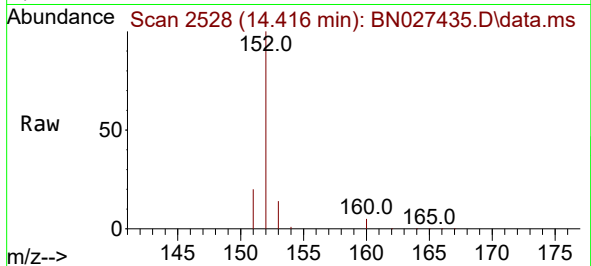




#10
Acenaphthylene
Concen: 4.575 ng/ul
RT: 14.416 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

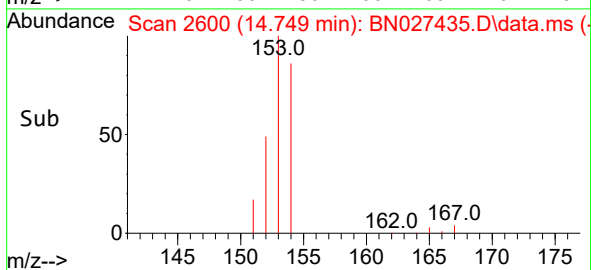
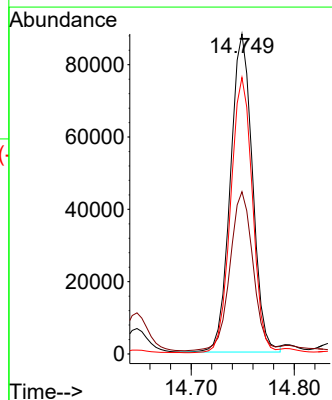
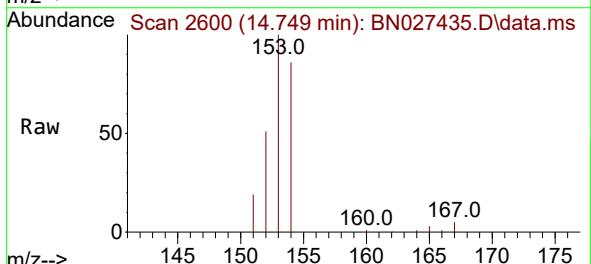
Instrument :
BNA_N
ClientSampleId :
EZYH8

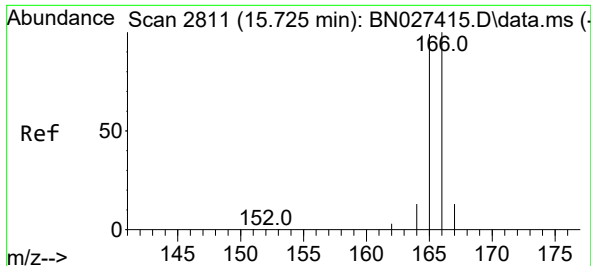
Tgt Ion:152 Resp: 264219
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.8 11.1 16.7



#11
Acenaphthene
Concen: 2.637 ng/ul
RT: 14.749 min Scan# 2600
Delta R.T. 0.000 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

Tgt Ion:153 Resp: 131019
Ion Ratio Lower Upper
153 100
152 50.7 42.9 64.3
154 86.4 69.4 104.0

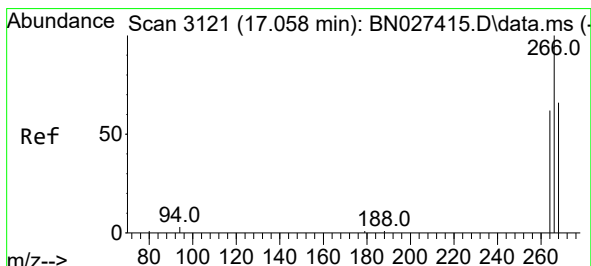
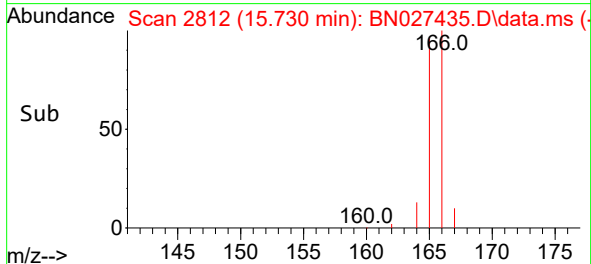
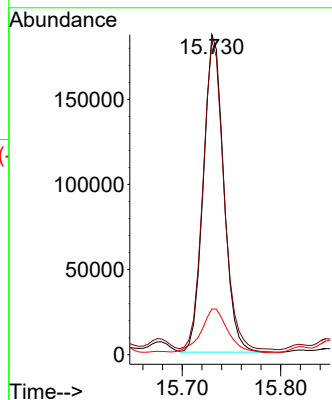
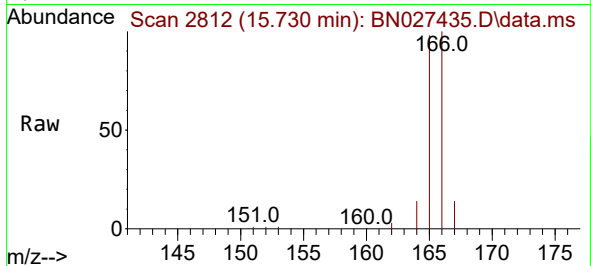




#12
Fluorene
Concen: 4.798 ng/ul
RT: 15.730 min Scan# 2811
Delta R.T. -0.009 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

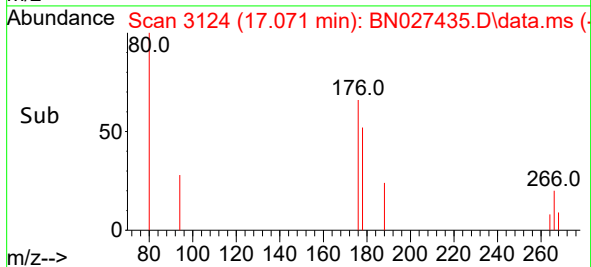
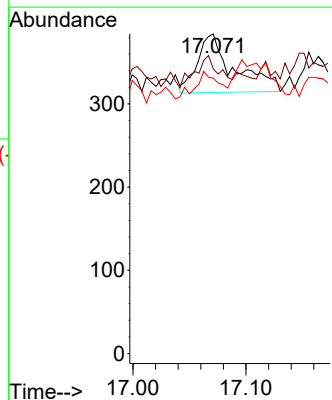
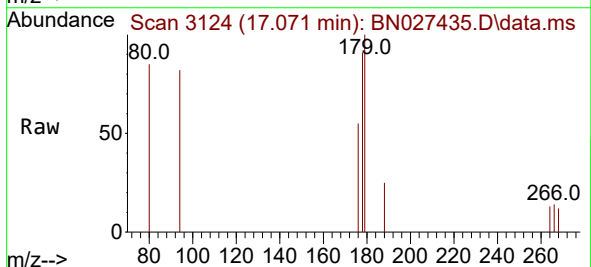
Instrument :
BNA_N
ClientSampleId :
EZYH8

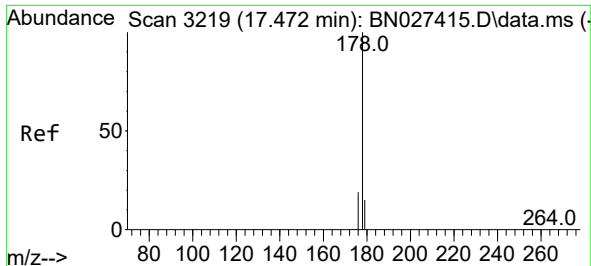
Tgt Ion:166 Resp: 267097
Ion Ratio Lower Upper
166 100
165 98.0 79.6 119.4
167 14.3 11.4 17.0



#14
Pentachlorophenol
Concen: 0.028 ng/ul
RT: 17.071 min Scan# 3124
Delta R.T. 0.004 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

Tgt Ion:266 Resp: 159
Ion Ratio Lower Upper
266 100
264 35.8 50.4 75.6#
268 42.8 51.9 77.9#

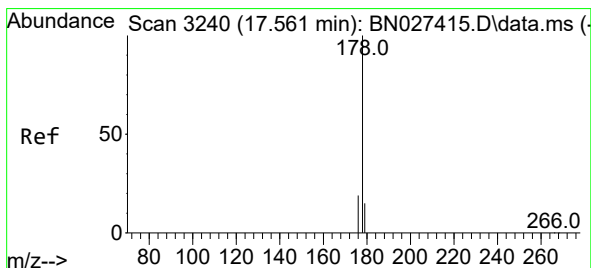
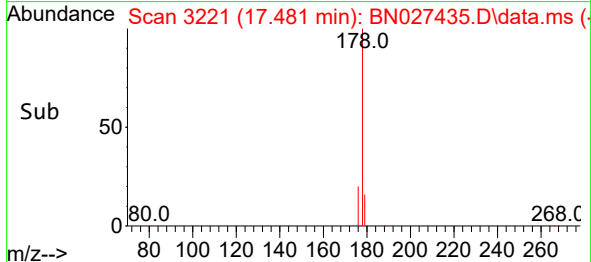
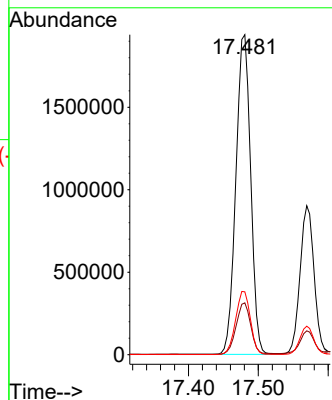
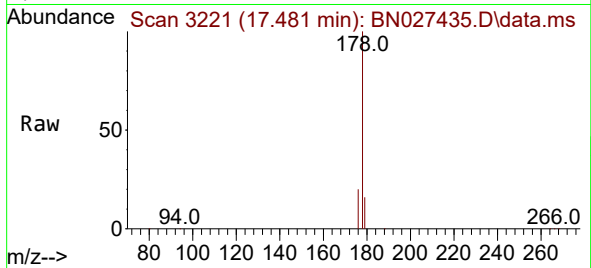




#15
Phenanthrene
Concen: 29.954 ng/ul
RT: 17.481 min Scan# 3219
Delta R.T. 0.000 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

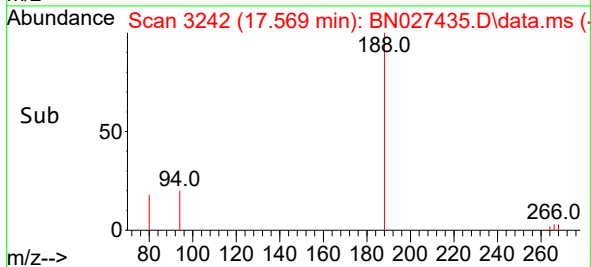
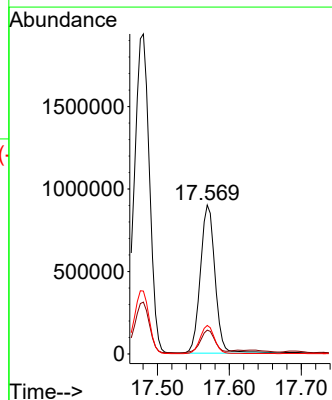
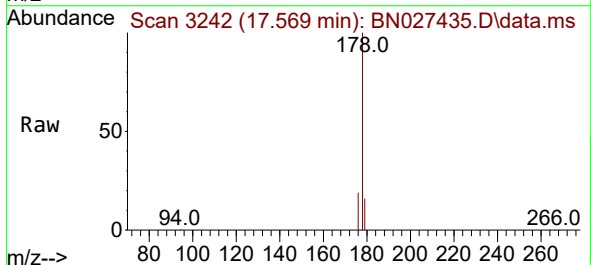
Instrument :
BNA_N
ClientSampleId :
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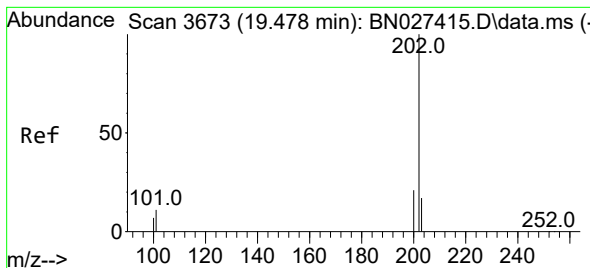
Tgt Ion:178 Resp: 2842031
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 19.7 15.8 23.8



#16
Anthracene
Concen: 16.874 ng/ul
RT: 17.569 min Scan# 3242
Delta R.T. -0.004 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

Tgt Ion:178 Resp: 1272856
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 19.2 15.6 23.4





#19

Fluoranthene

Concen: 56.813 ng/u1

RT: 19.492 min Scan# 3

Delta R.T. 0.005 min

Lab File: BN027435.D

Acq: 07 Sep 2023 09:52

Instrument :

BNA_N

ClientSampleId :

EZYH8

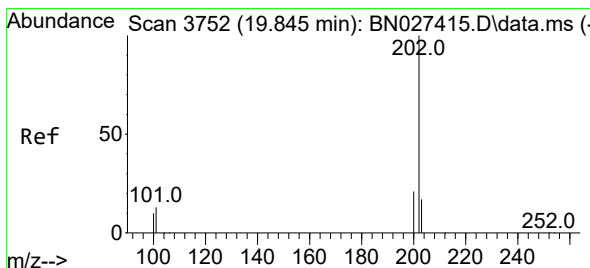
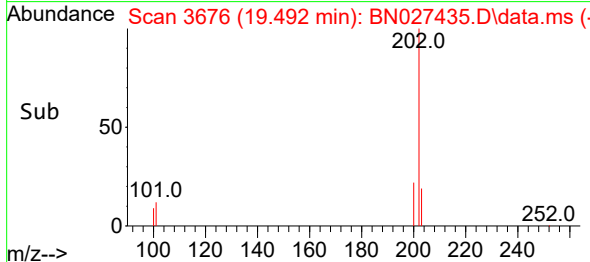
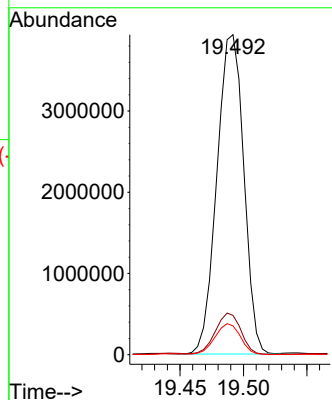
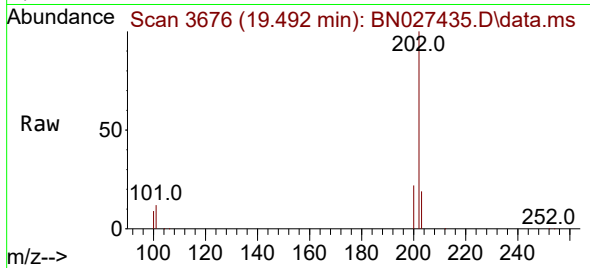
Tgt Ion:202 Resp: 5784306

Ion Ratio Lower Upper

202 100

101 12.3 9.4 14.0

100 9.0 6.9 10.3



#20

Pyrene

Concen: 54.062 ng/u1

RT: 19.859 min Scan# 3755

Delta R.T. 0.009 min

Lab File: BN027435.D

Acq: 07 Sep 2023 09:52

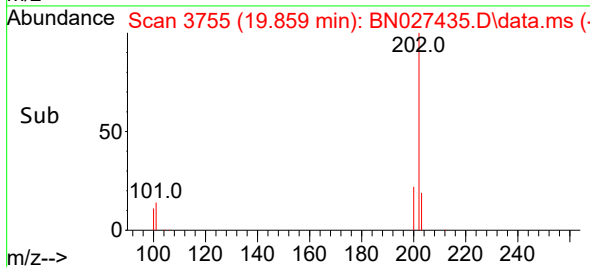
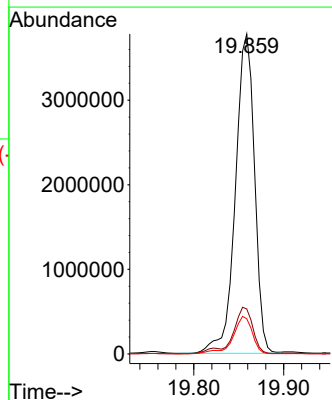
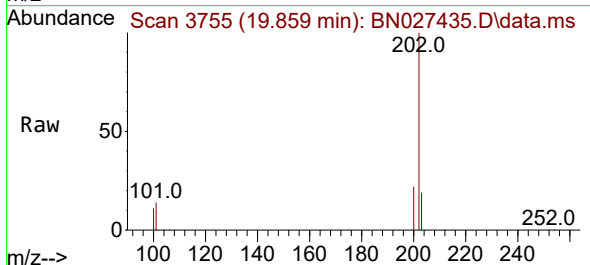
Tgt Ion:202 Resp: 5604308

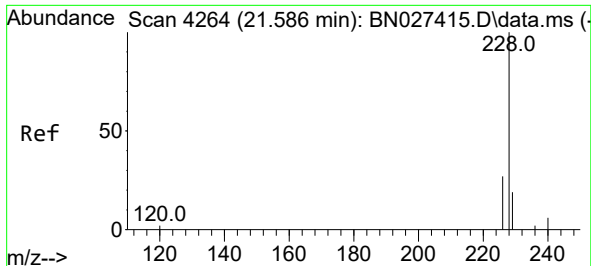
Ion Ratio Lower Upper

202 100

101 14.1 11.4 17.2

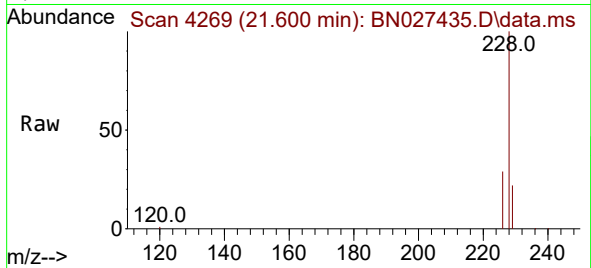
100 11.0 9.4 14.2



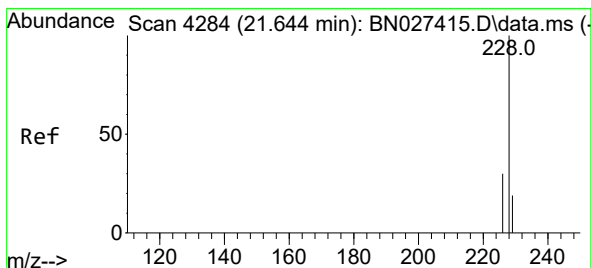
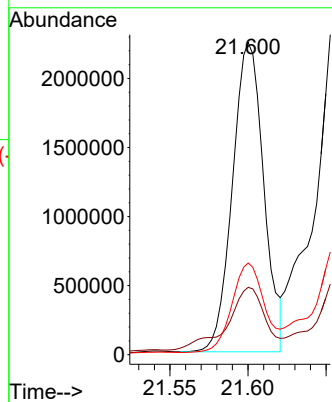
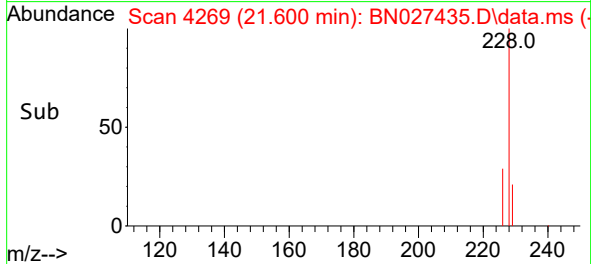


#21
Benzo(a)anthracene
Concen: 39.066 ng/ul
RT: 21.600 min Scan# 4269
Delta R.T. 0.009 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

Instrument :
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ClientSampleId :
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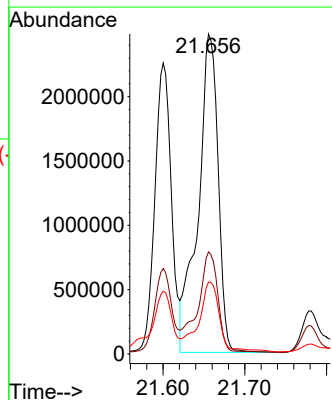
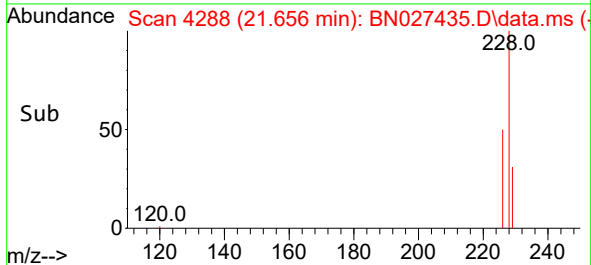
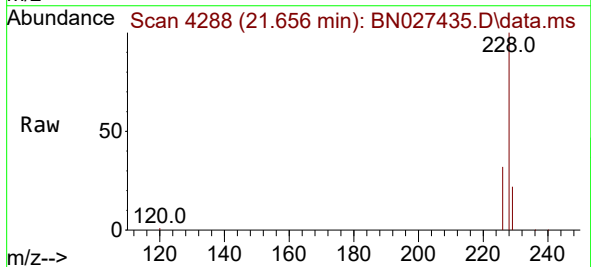


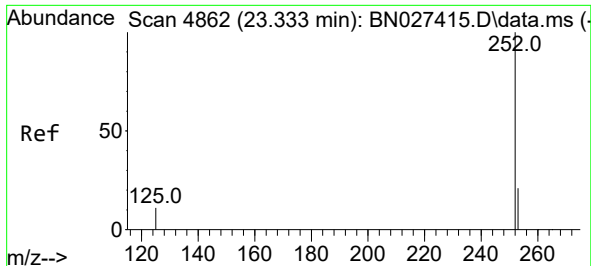
Tgt Ion:228 Resp: 3115733
Ion Ratio Lower Upper
228 100
229 21.6 15.7 23.5
226 29.4 22.0 33.0



#22
Chrysene
Concen: 45.272 ng/ul
RT: 21.656 min Scan# 4288
Delta R.T. 0.009 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

Tgt Ion:228 Resp: 4215285
Ion Ratio Lower Upper
228 100
226 31.9 24.4 36.6
229 22.5 15.6 23.4

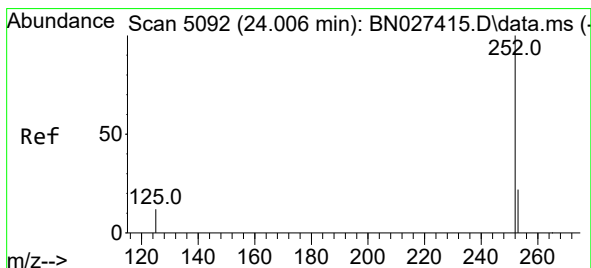
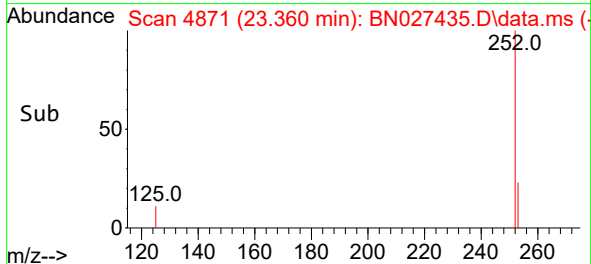
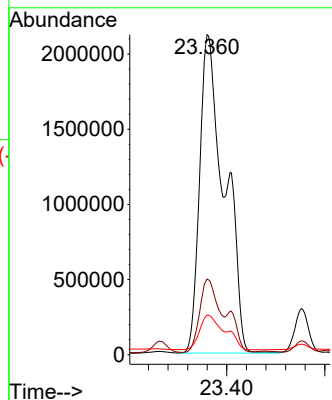
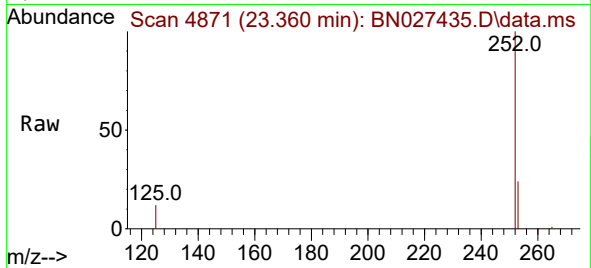




#24
Benzo(b)fluoranthene
Concen: 72.563 ng/ul
RT: 23.360 min Scan# 4862
Delta R.T. 0.015 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

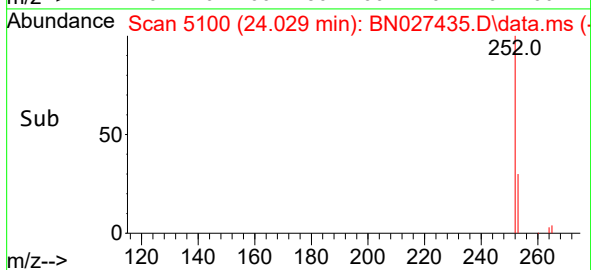
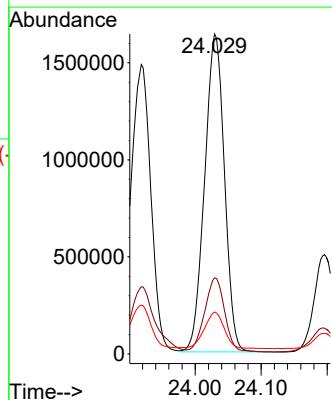
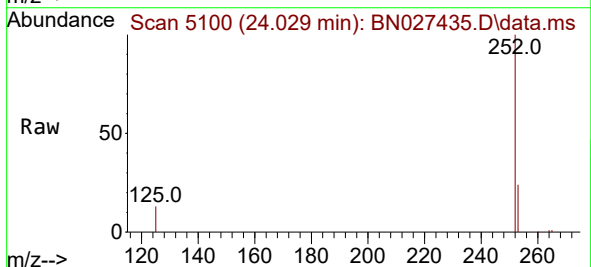
Instrument :
BNA_N
ClientSampleId :
EZYH8

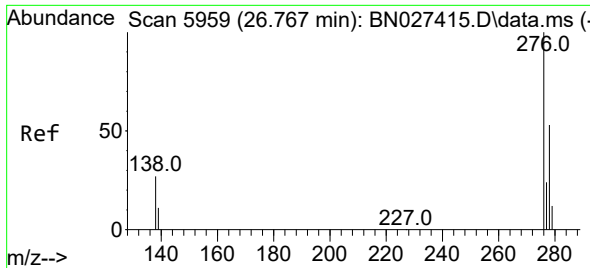
Tgt Ion:252 Resp: 7482657
Ion Ratio Lower Upper
252 100
253 23.7 0.0 49.6
125 12.3 0.0 33.8



#26
Benzo(a)pyrene
Concen: 42.508 ng/ul
RT: 24.029 min Scan# 5100
Delta R.T. 0.012 min
Lab File: BN027435.D
Acq: 07 Sep 2023 09:52

Tgt Ion:252 Resp: 3423296
Ion Ratio Lower Upper
252 100
253 23.8 22.4 33.6
125 13.1 17.4 26.2#

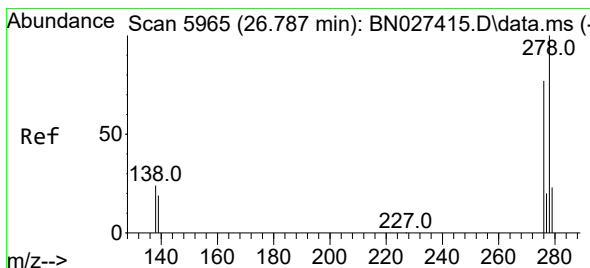
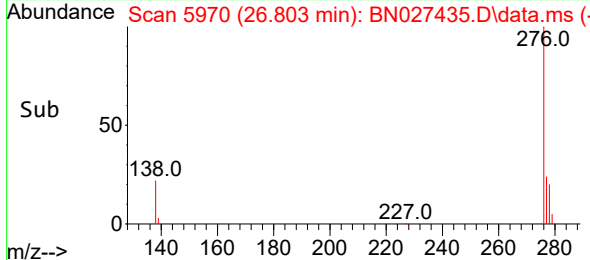
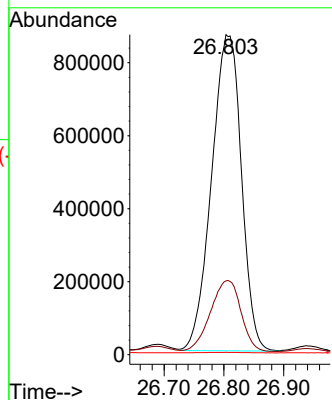
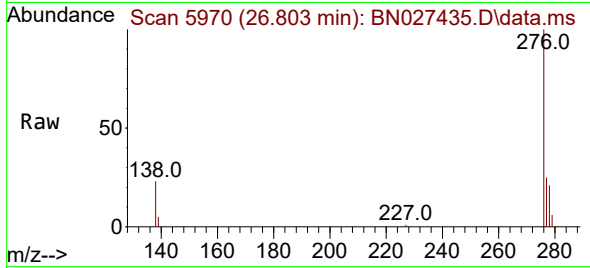




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 33.548 ng/ul
 RT: 26.803 min Scan# 5970
 Delta R.T. 0.003 min
 Lab File: BN027435.D
 Acq: 07 Sep 2023 09:52

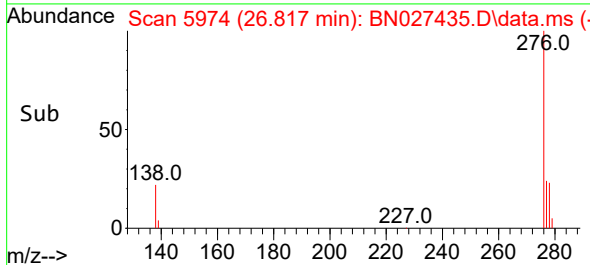
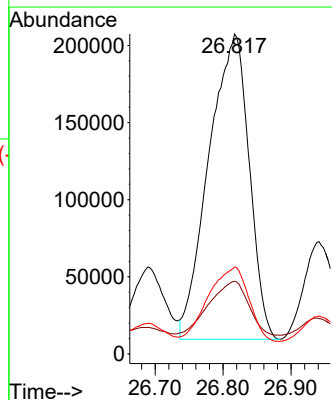
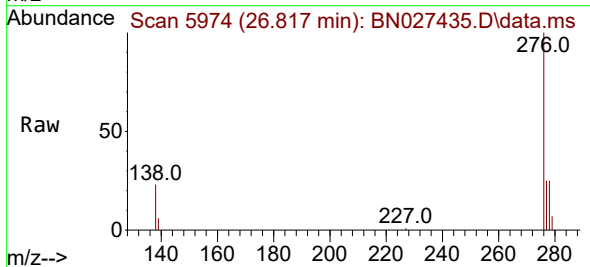
Instrument :
 BNA_N
 ClientSampleId :
 EZYH8

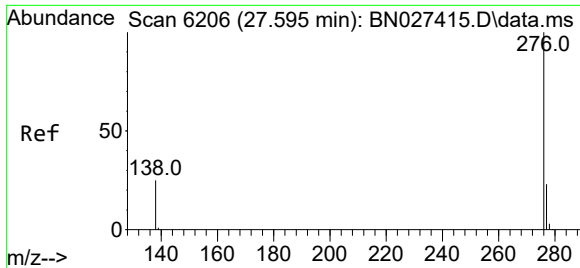
Tgt Ion:276 Resp: 3001044
 Ion Ratio Lower Upper
 276 100
 138 23.0 23.9 35.9#
 227 0.2 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 11.916 ng/ul
 RT: 26.817 min Scan# 5974
 Delta R.T. -0.017 min
 Lab File: BN027435.D
 Acq: 07 Sep 2023 09:52

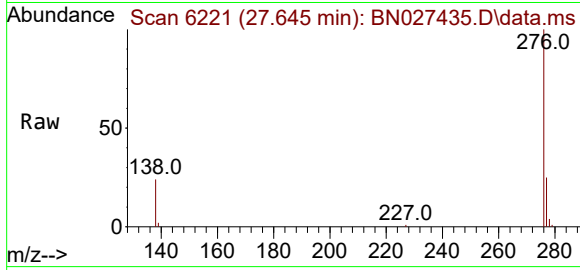
Tgt Ion:278 Resp: 814978
 Ion Ratio Lower Upper
 278 100
 139 22.7 18.0 27.0
 279 27.2 22.7 34.1





#29
 Benzo(g,h,i)perylene
 Concen: 37.557 ng/ul
 RT: 27.645 min Scan# 61
 Delta R.T. 0.017 min
 Lab File: BN027435.D
 Acq: 07 Sep 2023 09:52

Instrument :
 BNA_N
 ClientSampleId :
 EZYH8



Tgt Ion:276 Resp: 3032000
 Ion Ratio Lower Upper
 276 100
 138 24.0 22.1 33.1
 277 24.7 20.2 30.4

