

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027439.D
 Acq On : 07 Sep 2023 12:53
 Operator : MA/JU
 Sample : 04113-08DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYH7DL

Quant Time: Sep 08 01:56:25 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)

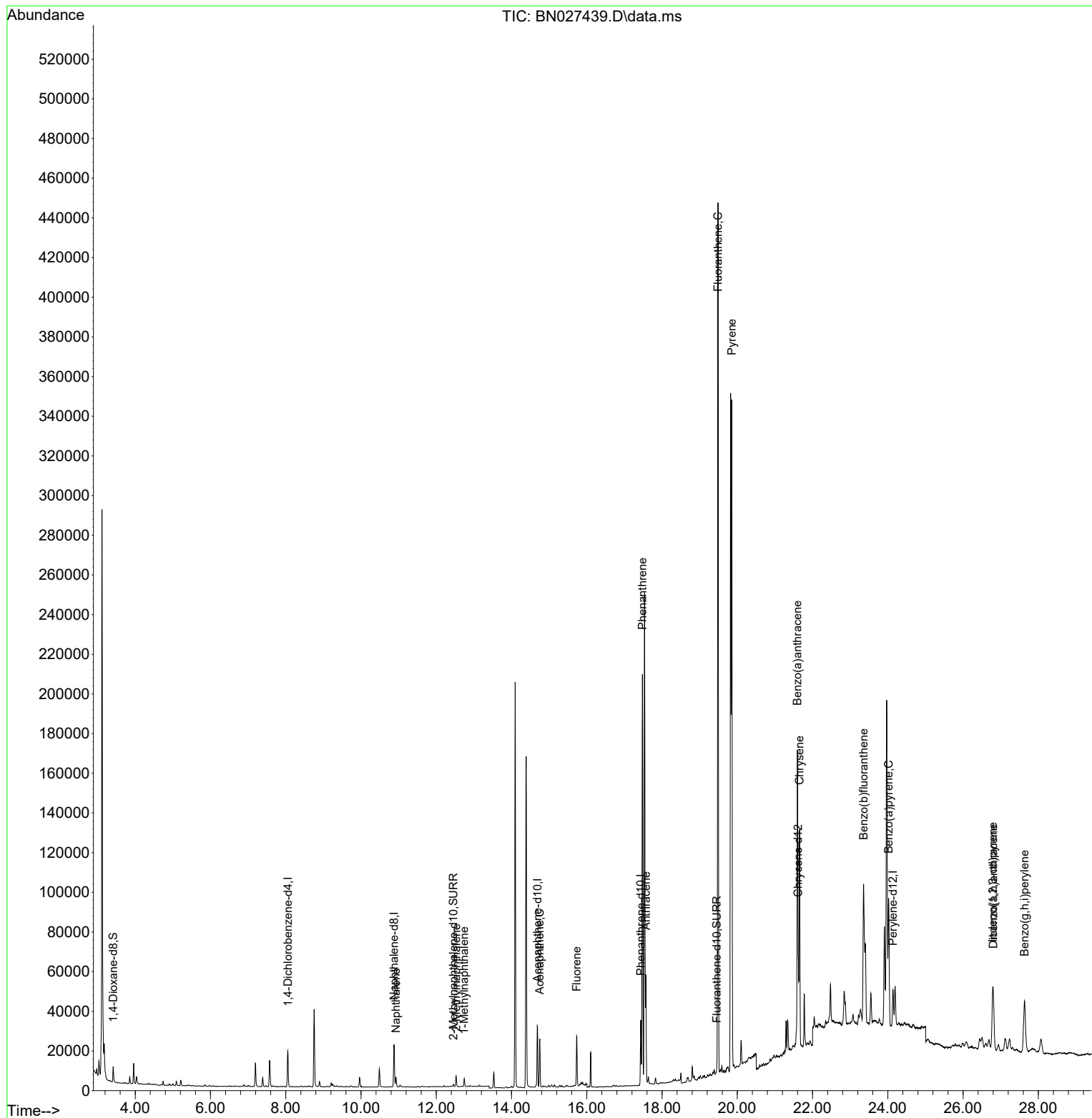
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	9118	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	29534	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	17114	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.434	188	37338	0.400	ng/ul	0.00
17) Chrysene-d12	21.615	240	26244	0.400	ng/ul	# 0.00
23) Perylene-d12	24.138	264	26576	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	5367	0.442	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	1603	0.036	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	3481	0.039	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.927	128	6387	0.075	ng/ul#	94
7) 2-Methylnaphthalene	12.528	142	3923	0.073	ng/ul	99
8) 1-Methylnaphthalene	12.742	142	2734	0.048	ng/ul	100
11) Acenaphthene	14.749	153	14191	0.211	ng/ul	97
12) Fluorene	15.730	166	15596	0.206	ng/ul	99
15) Phenanthrene	17.477	178	214053	1.760	ng/ul	99
16) Anthracene	17.570	178	55490	0.574	ng/ul	99
19) Fluoranthene	19.487	202	366398	3.036	ng/ul	99
20) Pyrene	19.850	202	295215	2.402	ng/ul	99
21) Benzo(a)anthracene	21.598	228	130203	1.377	ng/ul#	93
22) Chrysene	21.653	228	114430	1.037	ng/ul#	89
24) Benzo(b)fluoranthene	23.354	252	186688	1.487	ng/ul	81
26) Benzo(a)pyrene	24.021	252	99777	1.018	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.790	276	61318	0.563	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.804	278	14979	0.180	ng/ul#	1
29) Benzo(g,h,i)perylene	27.632	276	61579	0.627	ng/ul#	84

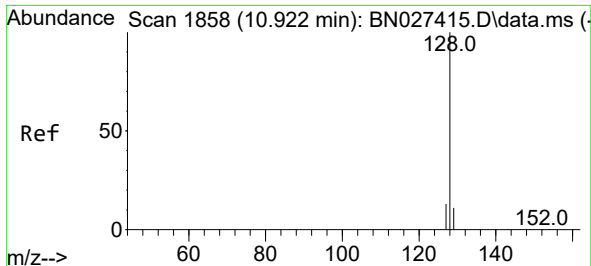
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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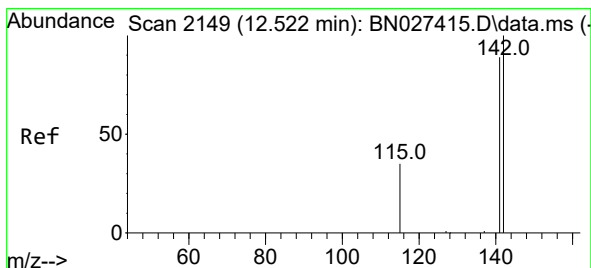
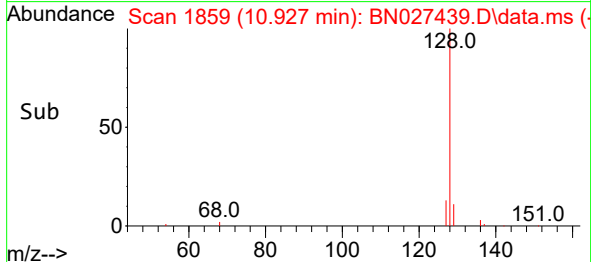
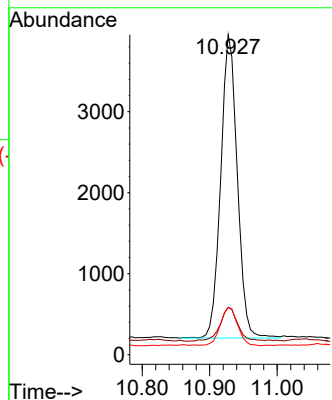
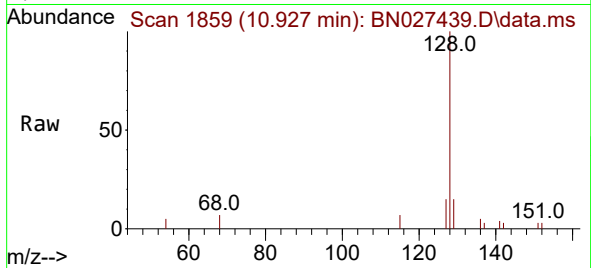




#5
Naphthalene
Concen: 0.075 ng/ul
RT: 10.927 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN027439.D
Acq: 07 Sep 2023 12:53

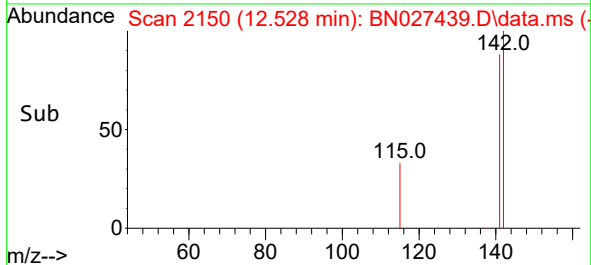
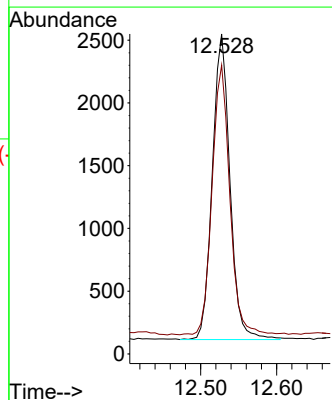
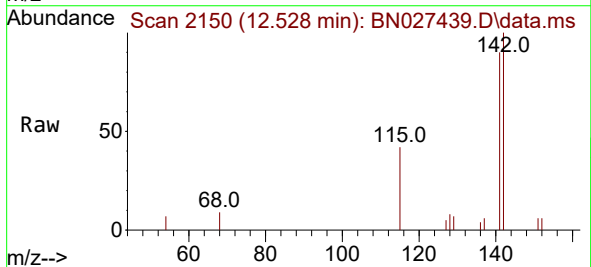
Instrument :
BNA_N
ClientSampleId :
EZYH7DL

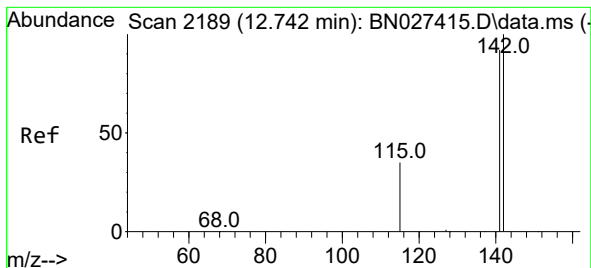
Tgt Ion:128 Resp: 6387
Ion Ratio Lower Upper
128 100
129 14.8 9.4 14.0#
127 14.7 10.6 16.0



#7
2-Methylnaphthalene
Concen: 0.073 ng/ul
RT: 12.528 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BN027439.D
Acq: 07 Sep 2023 12:53

Tgt Ion:142 Resp: 3923
Ion Ratio Lower Upper
142 100
141 88.5 71.6 107.4

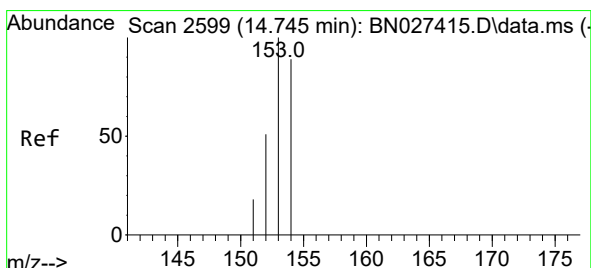
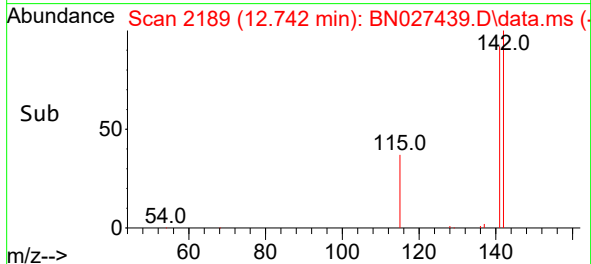
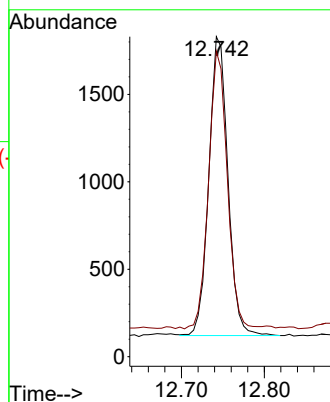
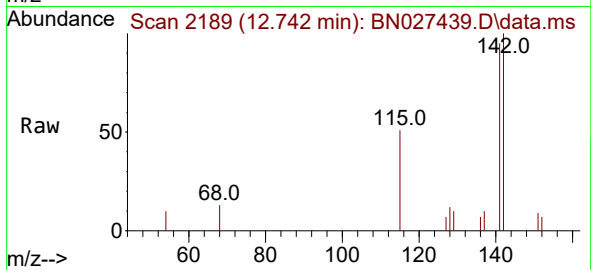




#8
1-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.742 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BN027439.D
Acq: 07 Sep 2023 12:53

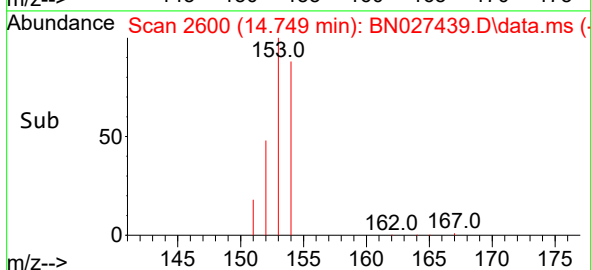
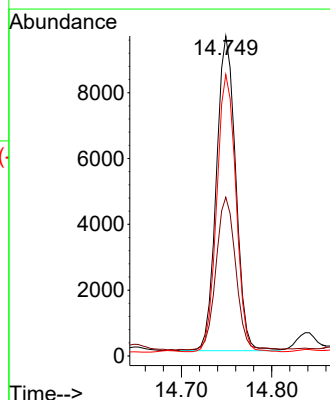
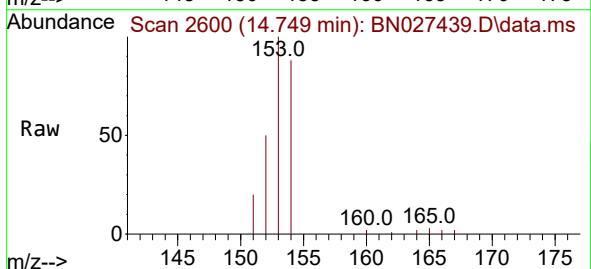
Instrument :
BNA_N
ClientSampleId :
EZYH7DL

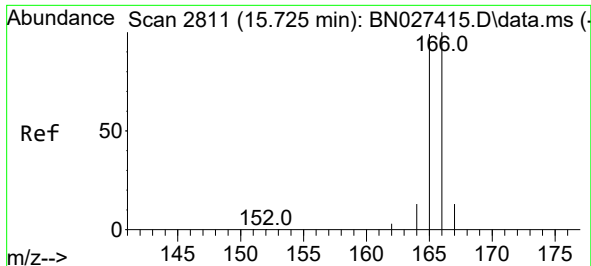
Tgt Ion:142 Resp: 2734
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.4



#11
Acenaphthene
Concen: 0.211 ng/ul
RT: 14.749 min Scan# 2600
Delta R.T. -0.000 min
Lab File: BN027439.D
Acq: 07 Sep 2023 12:53

Tgt Ion:153 Resp: 14191
Ion Ratio Lower Upper
153 100
152 49.6 42.9 64.3
154 88.0 69.4 104.0

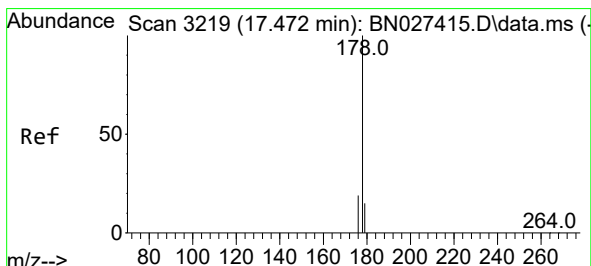
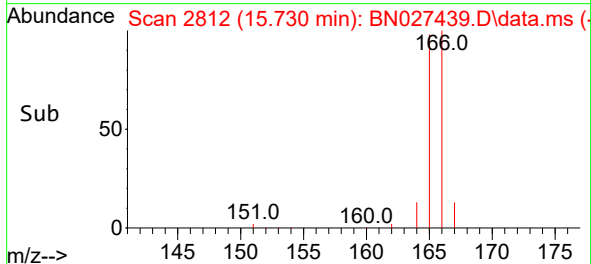
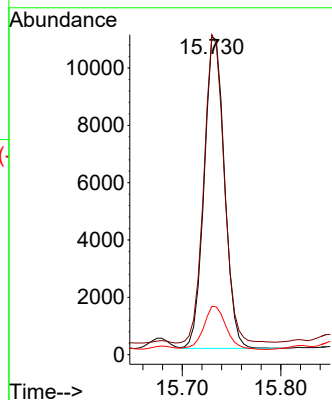
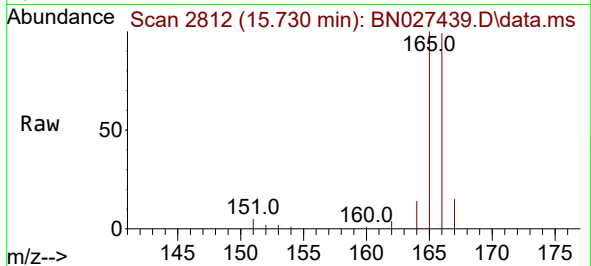




#12
Fluorene
Concen: 0.206 ng/ul
RT: 15.730 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN027439.D
Acq: 07 Sep 2023 12:53

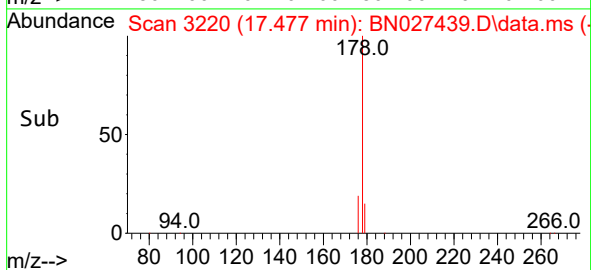
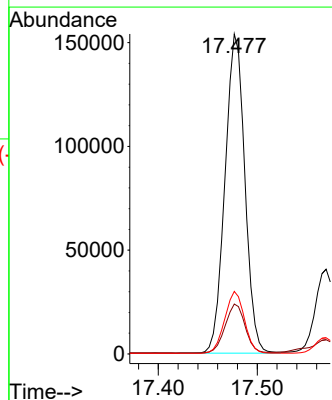
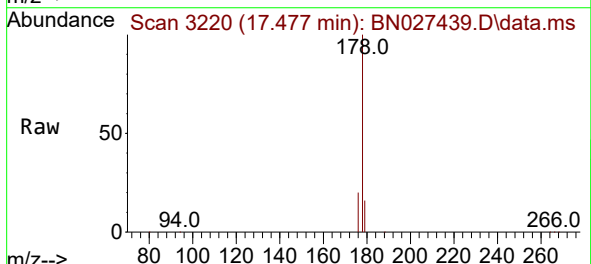
Instrument :
BNA_N
ClientSampleId :
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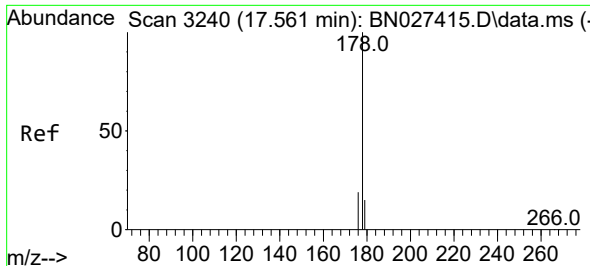
Tgt Ion:166 Resp: 15596
Ion Ratio Lower Upper
166 100
165 100.5 79.6 119.4
167 15.2 11.4 17.0



#15
Phenanthrene
Concen: 1.760 ng/ul
RT: 17.477 min Scan# 3220
Delta R.T. -0.004 min
Lab File: BN027439.D
Acq: 07 Sep 2023 12:53

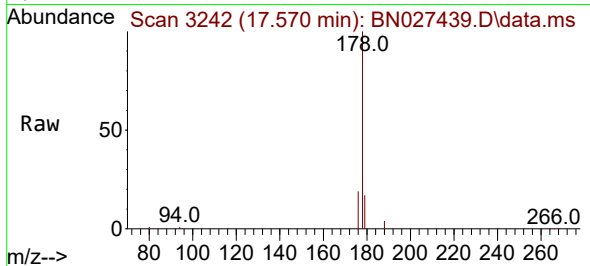
Tgt Ion:178 Resp: 214053
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.5 15.8 23.8



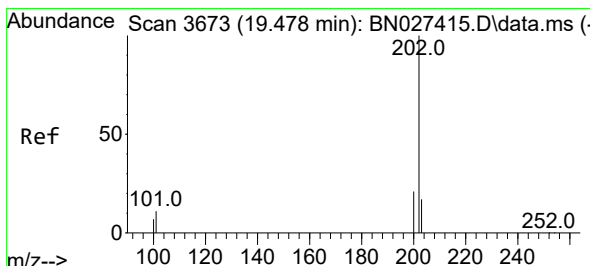
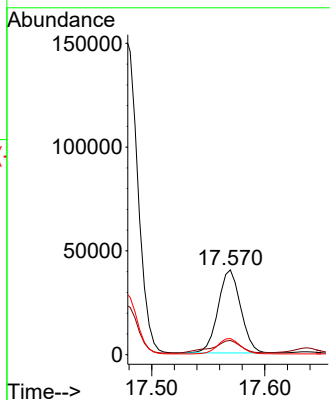
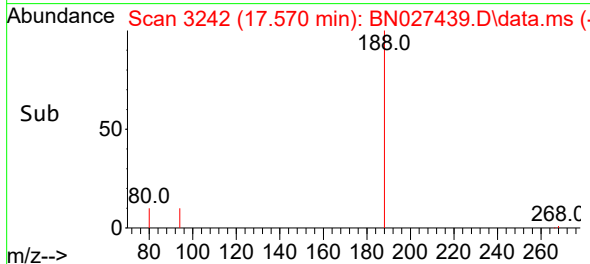


#16
 Anthracene
 Concen: 0.574 ng/ul
 RT: 17.570 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN027439.D
 Acq: 07 Sep 2023 12:53

Instrument :
 BNA_N
 ClientSampleId :
 EZYH7DL

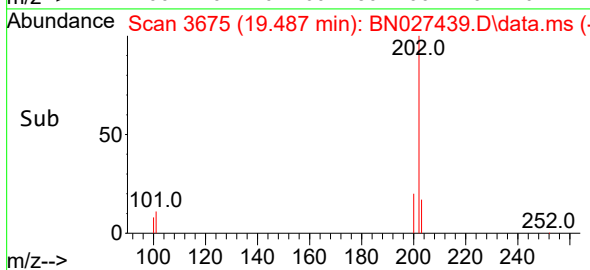
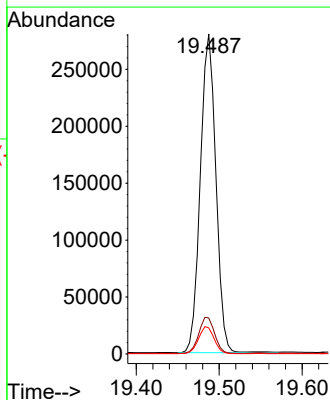
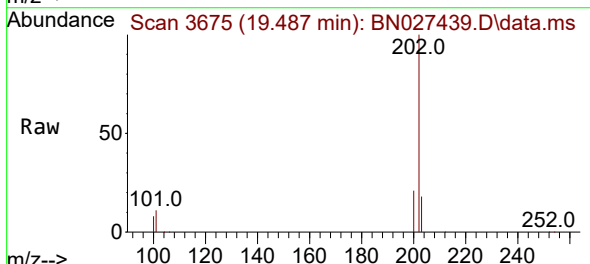


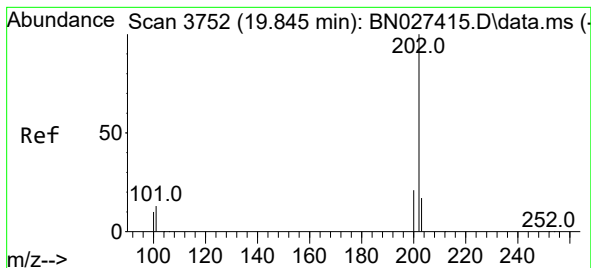
Tgt Ion:178 Resp: 55490
 Ion Ratio Lower Upper
 178 100
 179 16.7 13.0 19.6
 176 19.1 15.6 23.4



#19
 Fluoranthene
 Concen: 3.036 ng/ul
 RT: 19.487 min Scan# 3675
 Delta R.T. 0.000 min
 Lab File: BN027439.D
 Acq: 07 Sep 2023 12:53

Tgt Ion:202 Resp: 366398
 Ion Ratio Lower Upper
 202 100
 101 11.2 9.4 14.0
 100 8.2 6.9 10.3





#20

Pyrene

Concen: 2.402 ng/ul

RT: 19.850 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN027439.D

Acq: 07 Sep 2023 12:53

Instrument :

BNA_N

ClientSampleId :

EZYH7DL

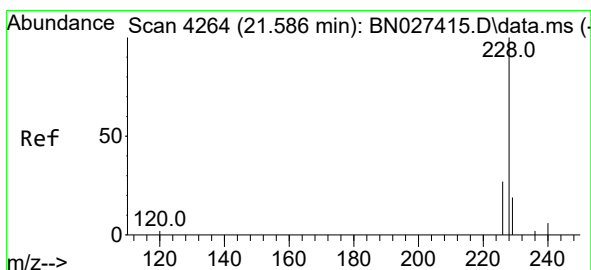
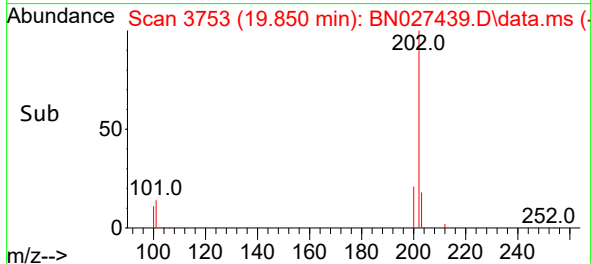
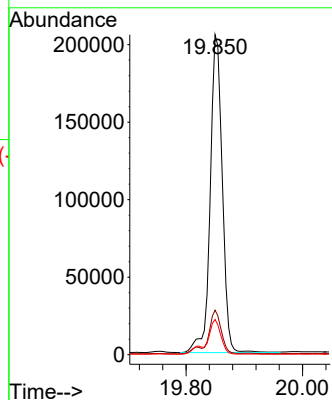
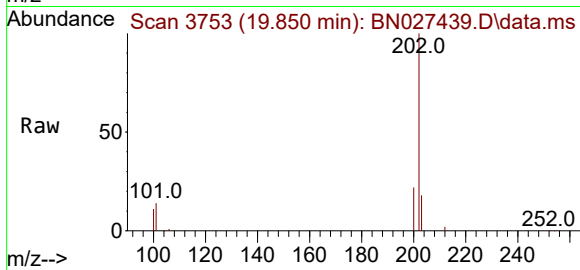
Tgt Ion:202 Resp: 295215

Ion Ratio Lower Upper

202 100

101 13.9 11.4 17.2

100 11.0 9.4 14.2



#21

Benzo(a)anthracene

Concen: 1.377 ng/ul

RT: 21.598 min Scan# 4268

Delta R.T. 0.006 min

Lab File: BN027439.D

Acq: 07 Sep 2023 12:53

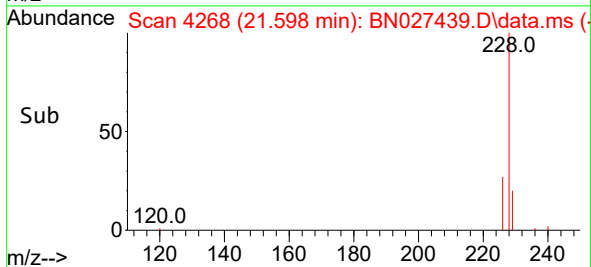
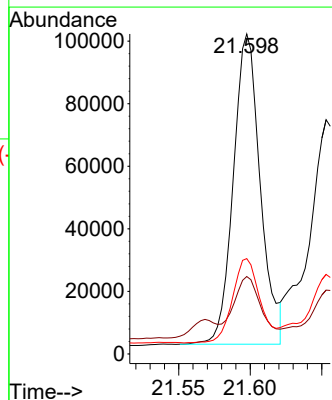
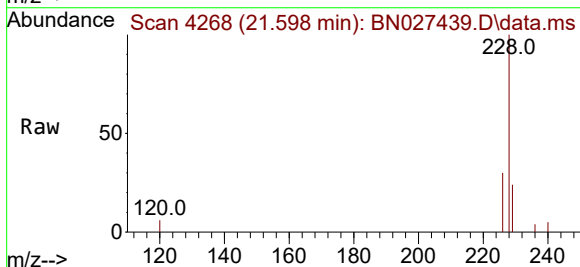
Tgt Ion:228 Resp: 130203

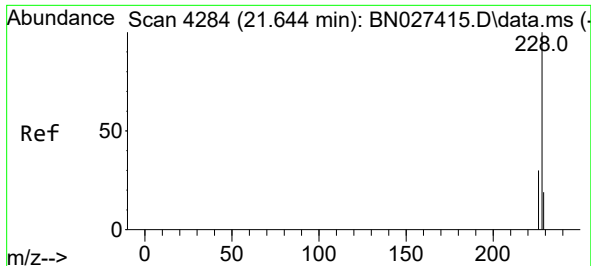
Ion Ratio Lower Upper

228 100

229 24.2 15.7 23.5#

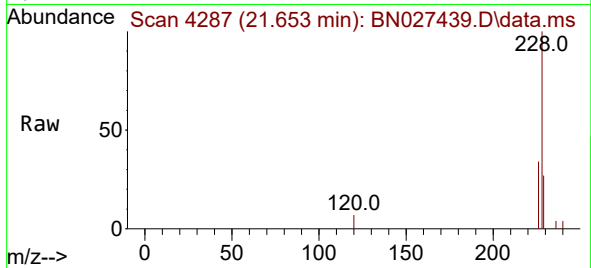
226 29.8 22.0 33.0



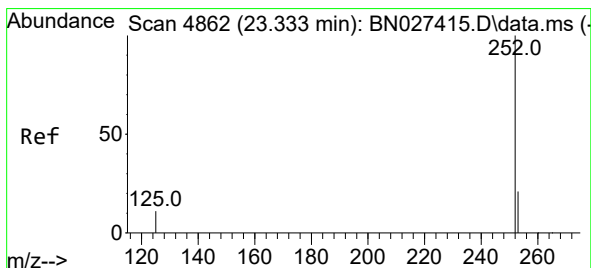
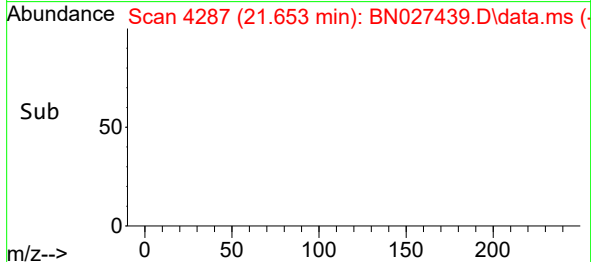
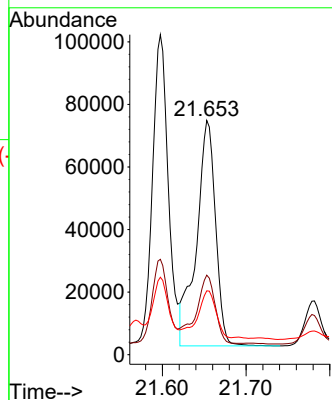


#22
Chrysene
Concen: 1.037 ng/ul
RT: 21.653 min Scan# 4287
Delta R.T. 0.006 min
Lab File: BN027439.D
Acq: 07 Sep 2023 12:53

Instrument :
BNA_N
ClientSampleId :
EZYH7DL

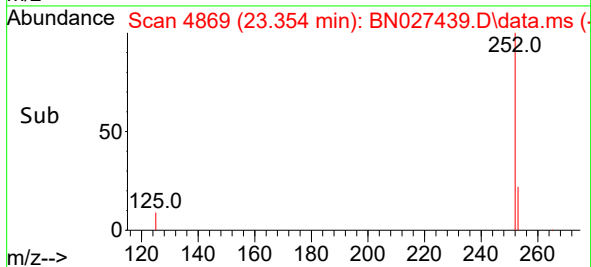
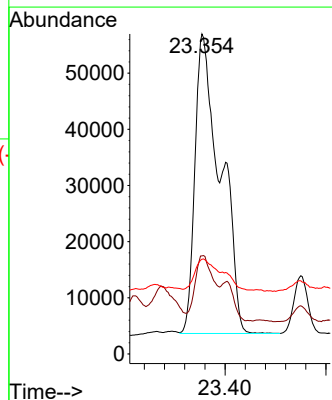
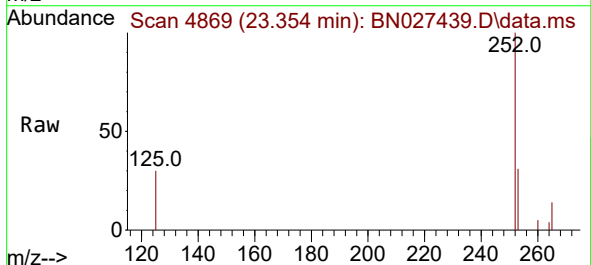


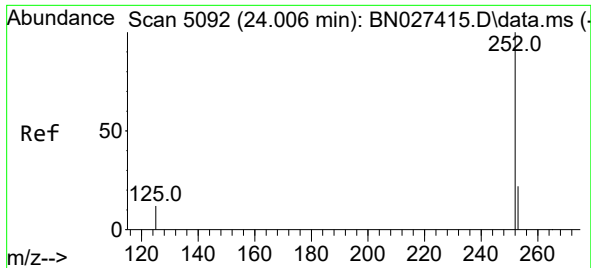
Tgt Ion:228 Resp: 114430
Ion Ratio Lower Upper
228 100
226 34.0 24.4 36.6
229 27.3 15.6 23.4#



#24
Benzo(b)fluoranthene
Concen: 1.487 ng/ul
RT: 23.354 min Scan# 4869
Delta R.T. 0.009 min
Lab File: BN027439.D
Acq: 07 Sep 2023 12:53

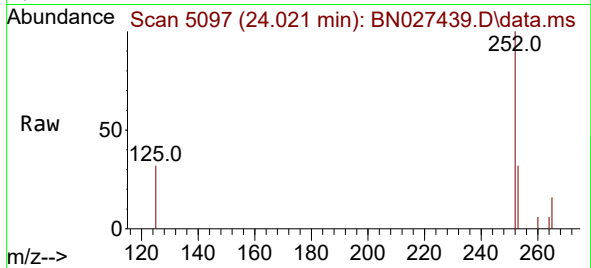
Tgt Ion:252 Resp: 186688
Ion Ratio Lower Upper
252 100
253 30.7 0.0 49.6
125 29.6 0.0 33.8



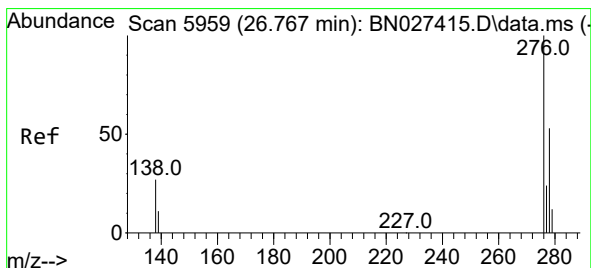
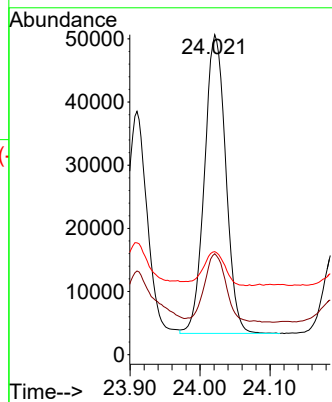
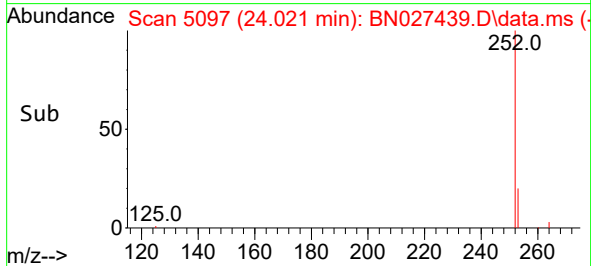


#26
Benzo(a)pyrene
Concen: 1.018 ng/ul
RT: 24.021 min Scan# 5097
Delta R.T. 0.003 min
Lab File: BN027439.D
Acq: 07 Sep 2023 12:53

Instrument :
BNA_N
ClientSampleId :
EZYH7DL

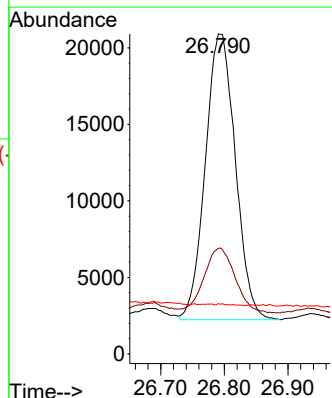
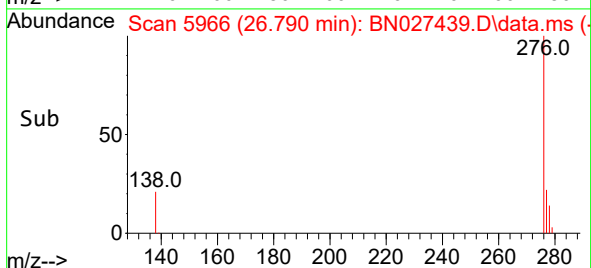
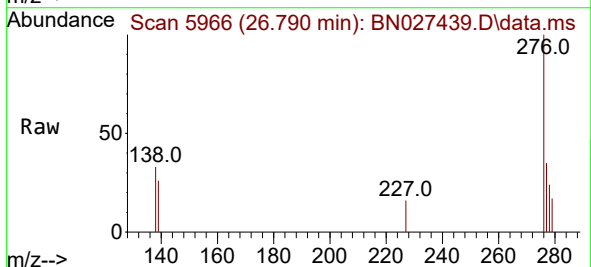


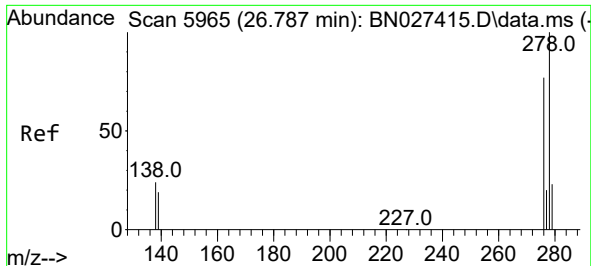
Tgt Ion:252 Resp: 99777
Ion Ratio Lower Upper
252 100
253 31.6 22.4 33.6
125 32.2 17.4 26.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.563 ng/ul
RT: 26.790 min Scan# 5966
Delta R.T. -0.010 min
Lab File: BN027439.D
Acq: 07 Sep 2023 12:53

Tgt Ion:276 Resp: 61318
Ion Ratio Lower Upper
276 100
138 23.6 23.9 35.9#
227 0.3 0.1 0.1#

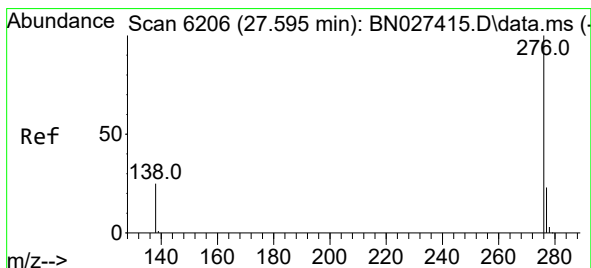
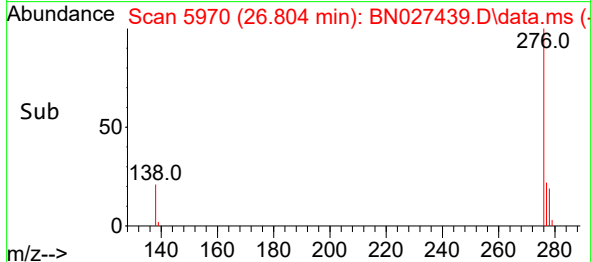
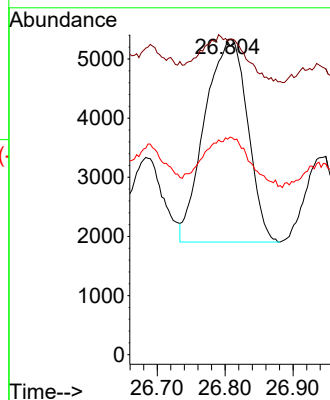
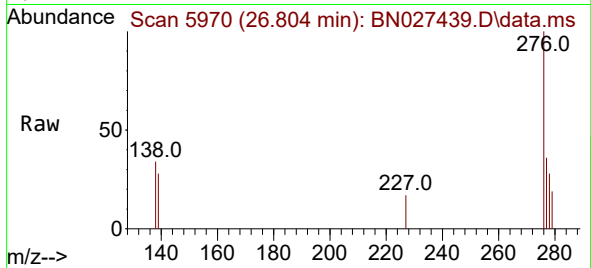




#28
Dibenzo(a,h)anthracene
Concen: 0.180 ng/ul
RT: 26.804 min Scan# 5965
Delta R.T. -0.030 min
Lab File: BN027439.D
Acq: 07 Sep 2023 12:53

Instrument :
BNA_N
ClientSampleId :
EZYH7DL

Tgt Ion:278 Resp: 14979
Ion Ratio Lower Upper
278 100
139 100.3 18.0 27.0#
279 68.9 22.7 34.1#



#29
Benzo(g,h,i)perylene
Concen: 0.627 ng/ul
RT: 27.632 min Scan# 6217
Delta R.T. 0.004 min
Lab File: BN027439.D
Acq: 07 Sep 2023 12:53

Tgt Ion:276 Resp: 61579
Ion Ratio Lower Upper
276 100
138 33.9 22.1 33.1#
277 35.5 20.2 30.4#

