

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032286.D
 Acq On : 27 Jun 2024 18:52
 Operator : MA/JU
 Sample : P2909-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B75

Quant Time: Jun 28 00:27:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

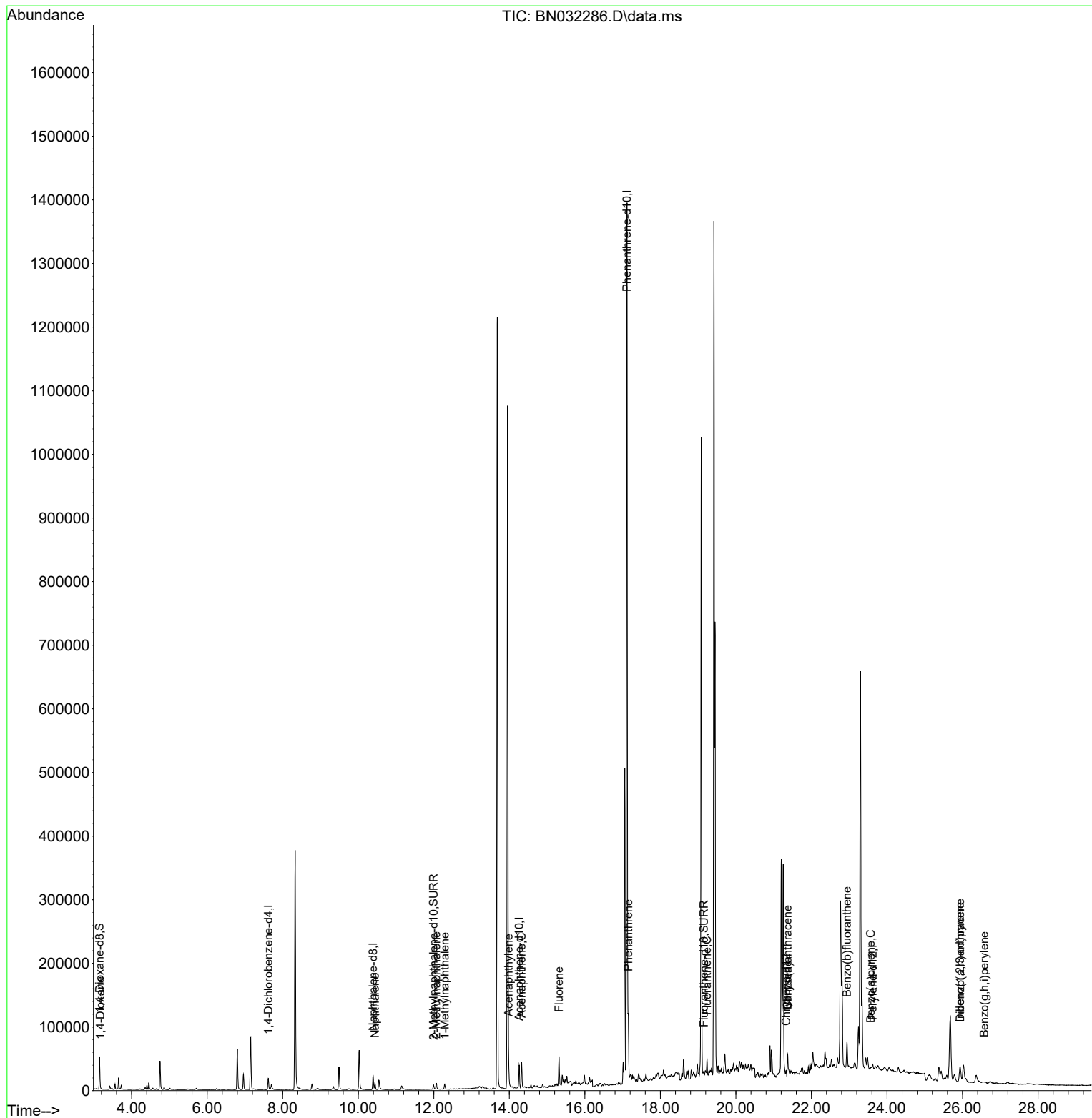
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.620	152	9778	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	31911	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	20397	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.117	188	1667858	0.400	ng/ul	0.09
17) Chrysene-d12	21.331	240	258	0.400	ng/ul	# 0.11
23) Perylene-d12	23.623	264	558	0.400	ng/ul	# 0.17
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	35117	3.231	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	11113	0.232	ng/ul	0.00
18) Fluoranthene-d10	19.152	212	4528	5.832	ng/ul	0.09
Target Compounds						Qvalue
2) 1,4-Dioxane	3.169	88	253	0.020	ng/ul#	1
5) Naphthalene	10.442	128	15417	0.183	ng/ul	98
7) 2-Methylnaphthalene	12.065	142	8287	0.148	ng/ul	99
8) 1-Methylnaphthalene	12.290	142	6270	0.108	ng/ul	98
10) Acenaphthylene	13.985	152	23802	0.281	ng/ul#	92
11) Acenaphthene	14.327	153	24183	0.367	ng/ul	98
12) Fluorene	15.317	166	29365	0.374	ng/ul#	96
15) Phenanthrene	17.151	178	97713	0.021	ng/ul	97
19) Fluoranthene	19.236	202	17901	18.221	ng/ul#	85
21) Benzo(a)anthracene	21.369	228	25108	26.963	ng/ul#	20
22) Chrysene	21.369	228	26175	25.610	ng/ul#	24
24) Benzo(b)fluoranthene	22.941	252	53680	22.143	ng/ul#	50
26) Benzo(a)pyrene	23.570	252	1183	0.701	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.935	276	9707	3.675	ng/ul#	1
28) Dibenzo(a,h)anthracene	25.938	278	36938	18.824	ng/ul#	69
29) Benzo(g,h,i)perylene	26.579	276	2231	1.061	ng/ul#	1

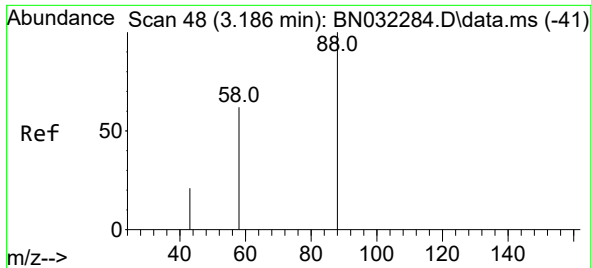
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
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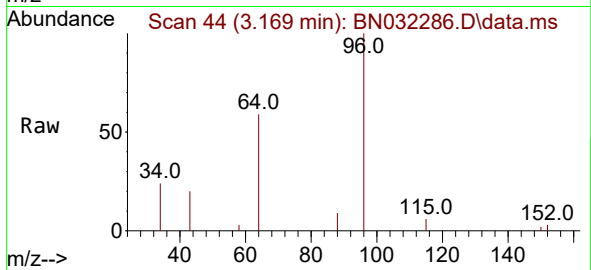
Quant Time: Jun 28 00:27:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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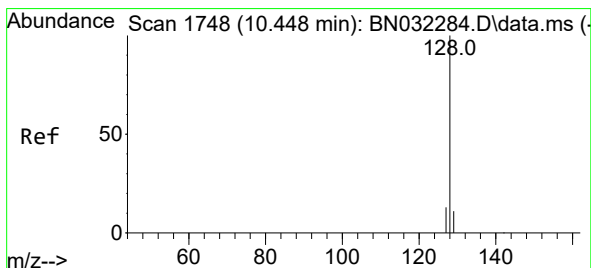
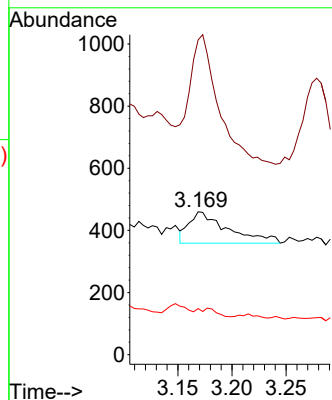
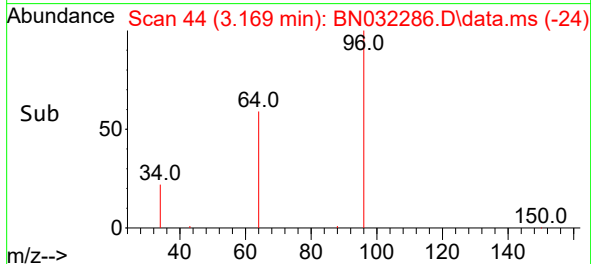


#2
1,4-Dioxane
Concen: 0.020 ng/ul
RT: 3.169 min Scan# 44
Delta R.T. -0.017 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52

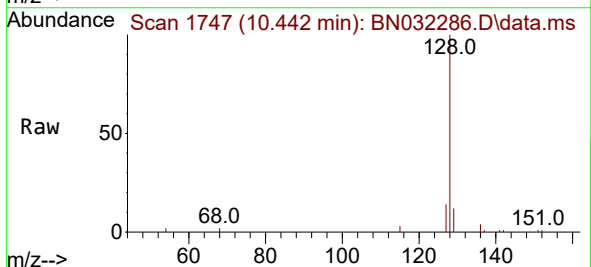
Instrument :
BNA_N
ClientSampleId :
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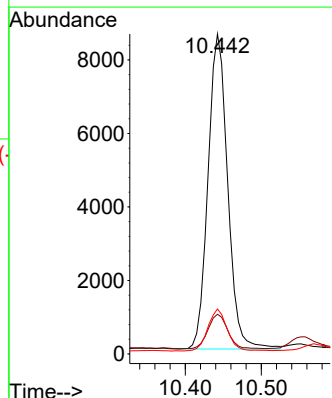
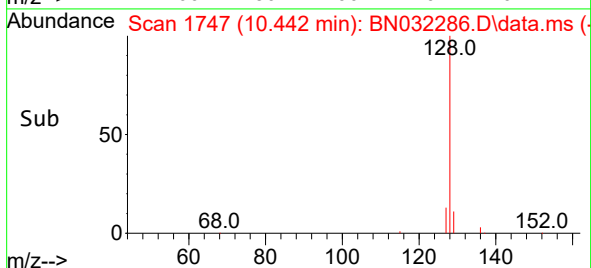
Tgt Ion: 88 Resp: 253
Ion Ratio Lower Upper
88 100
43 220.2 28.4 42.6#
58 32.2 43.3 64.9#

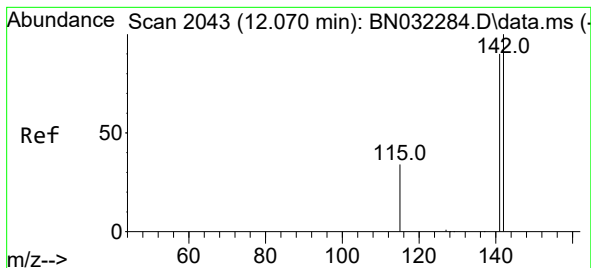


#5
Naphthalene
Concen: 0.183 ng/ul
RT: 10.442 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52



Tgt Ion: 128 Resp: 15417
Ion Ratio Lower Upper
128 100
129 12.4 9.2 13.8
127 14.1 10.8 16.2

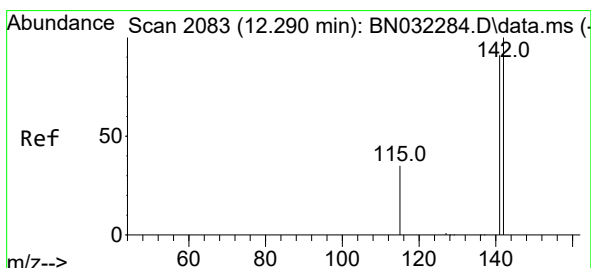
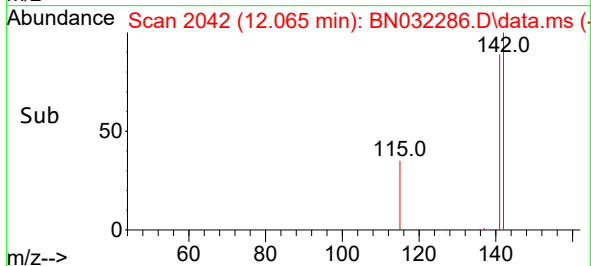
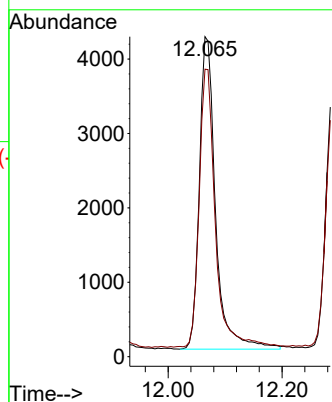
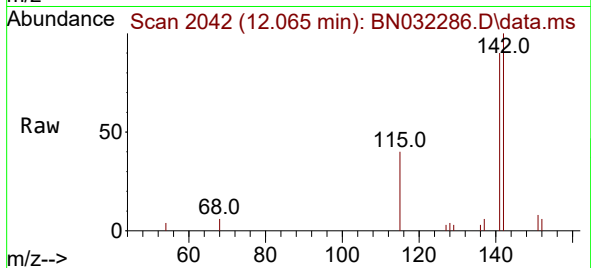




#7
2-Methylnaphthalene
Concen: 0.148 ng/ul
RT: 12.065 min Scan# 2042
Delta R.T. -0.011 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52

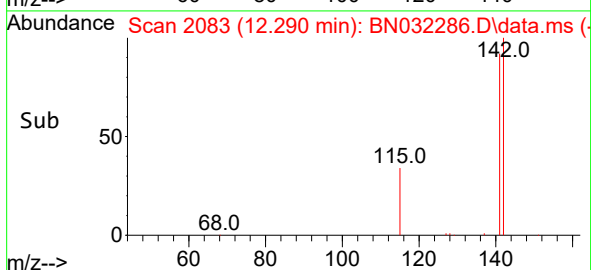
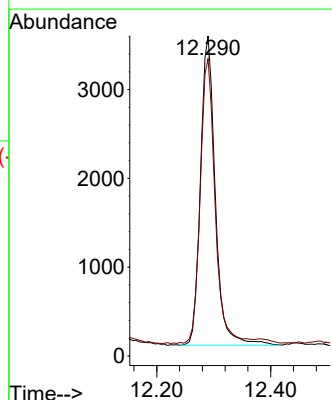
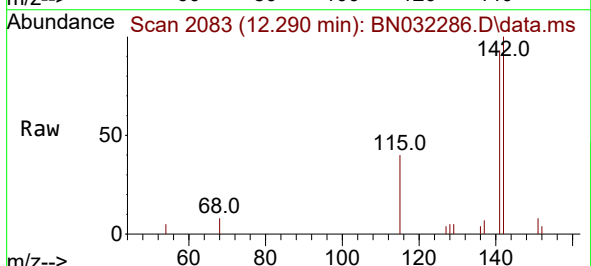
Instrument :
BNA_N
ClientSampleId :
A4B75

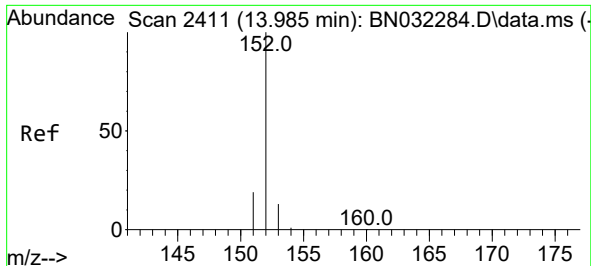
Tgt Ion:142 Resp: 8287
Ion Ratio Lower Upper
142 100
141 88.9 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.108 ng/ul
RT: 12.290 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52

Tgt Ion:142 Resp: 6270
Ion Ratio Lower Upper
142 100
141 93.6 73.4 110.0

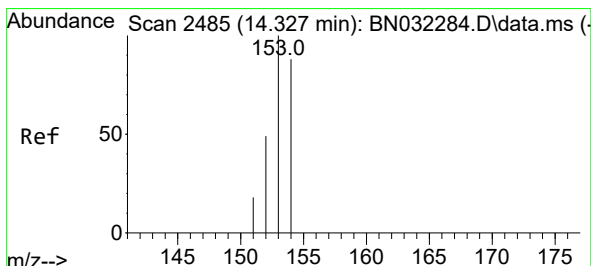
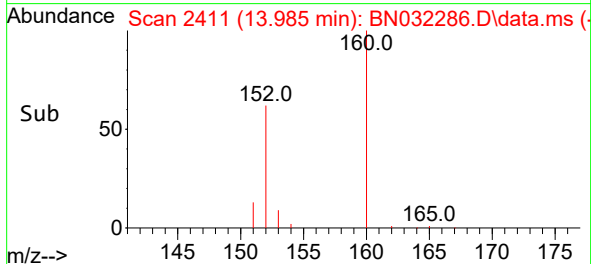
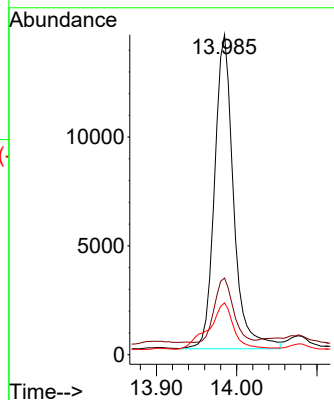
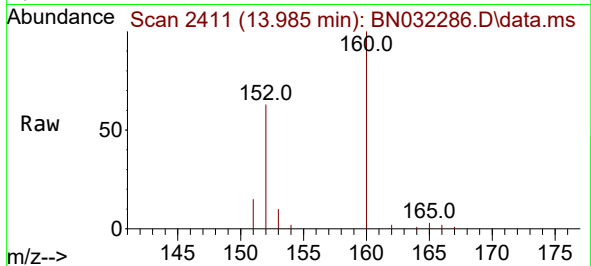




#10
Acenaphthylene
Concen: 0.281 ng/ul
RT: 13.985 min Scan# 2411
Delta R.T. -0.005 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52

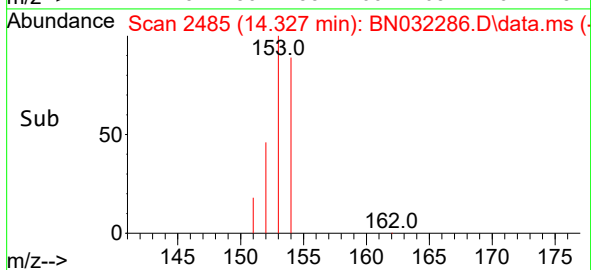
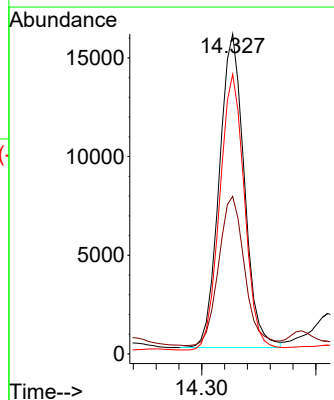
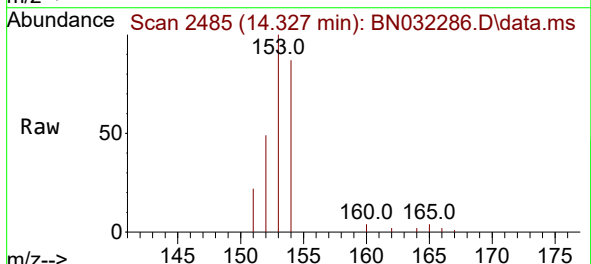
Instrument :
BNA_N
ClientSampleId :
A4B75

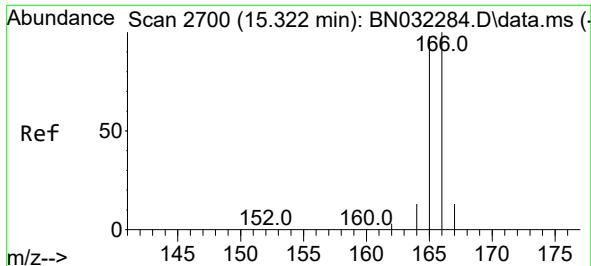
Tgt Ion:152 Resp: 23802
Ion Ratio Lower Upper
152 100
151 24.0 15.7 23.5#
153 16.2 10.9 16.3



#11
Acenaphthene
Concen: 0.367 ng/ul
RT: 14.327 min Scan# 2485
Delta R.T. -0.005 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52

Tgt Ion:153 Resp: 24183
Ion Ratio Lower Upper
153 100
152 49.3 39.5 59.3
154 87.4 71.7 107.5

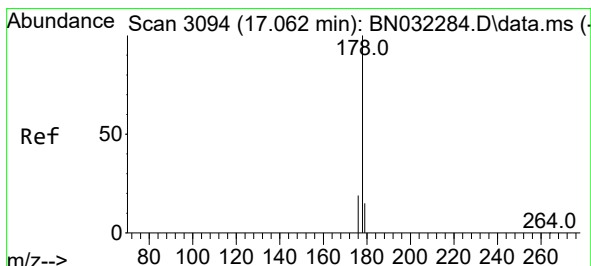
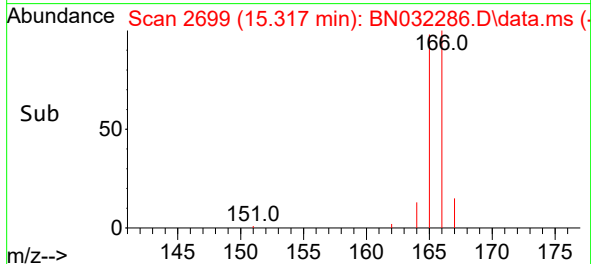
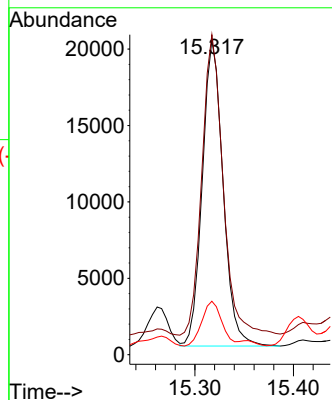
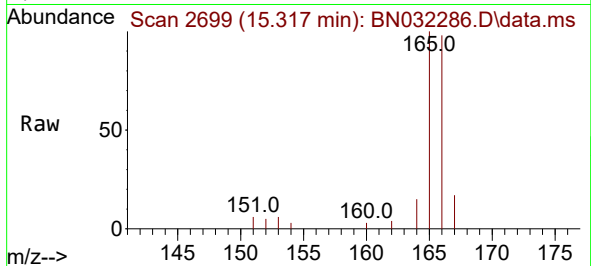




#12
Fluorene
Concen: 0.374 ng/ul
RT: 15.317 min Scan# 2015
Delta R.T. -0.009 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52

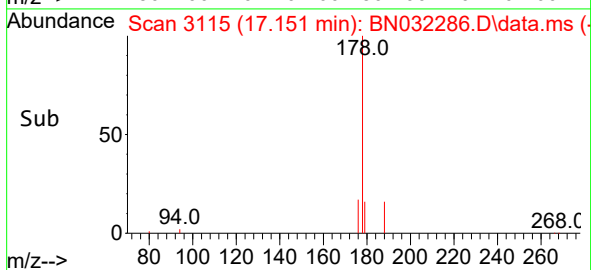
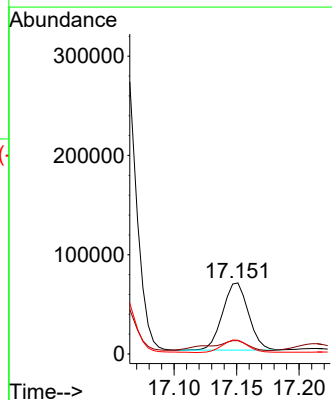
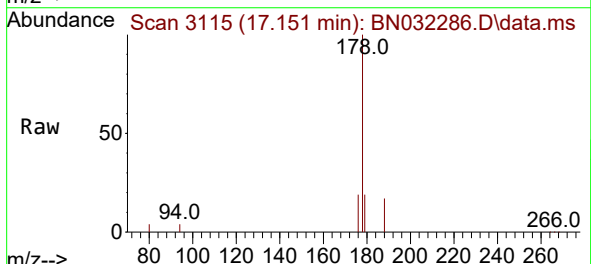
Instrument :
BNA_N
ClientSampleId :
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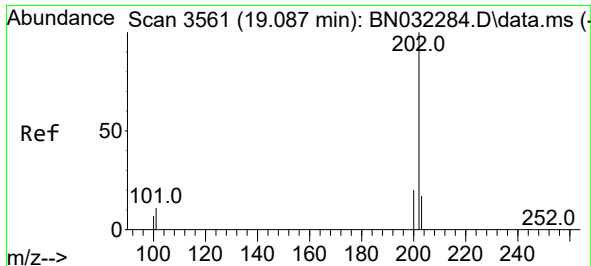
Tgt Ion:166 Resp: 29365
Ion Ratio Lower Upper
166 100
165 101.8 79.0 118.6
167 17.0 11.0 16.6#



#15
Phenanthrene
Concen: 0.021 ng/ul
RT: 17.151 min Scan# 3115
Delta R.T. 0.084 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52

Tgt Ion:178 Resp: 97713
Ion Ratio Lower Upper
178 100
179 18.7 12.6 18.8
176 19.4 15.6 23.4

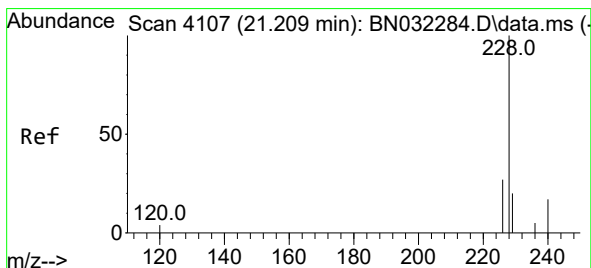
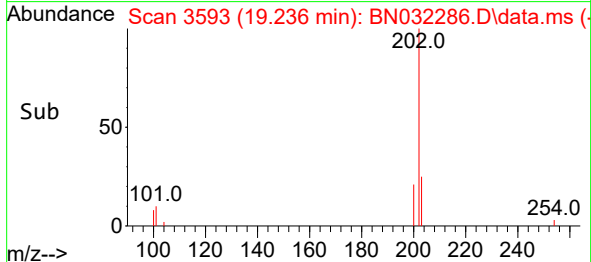
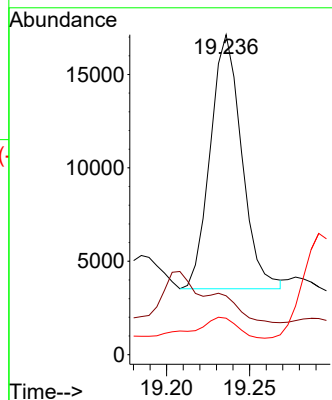
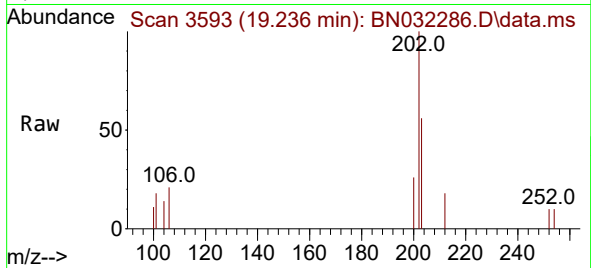




#19
Fluoranthene
Concen: 18.221 ng/ul
RT: 19.236 min Scan# 31
Delta R.T. 0.144 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52

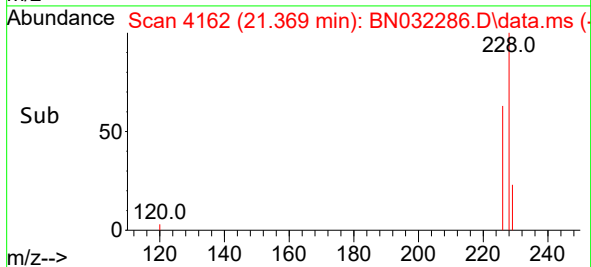
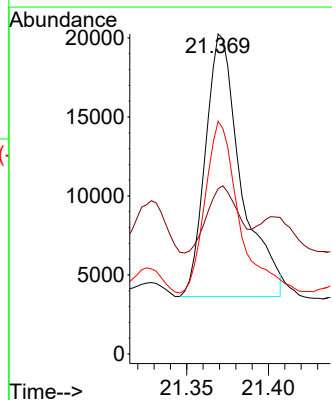
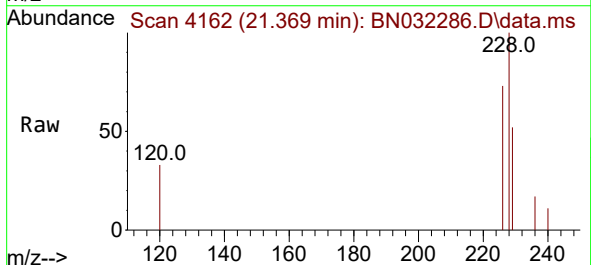
Instrument :
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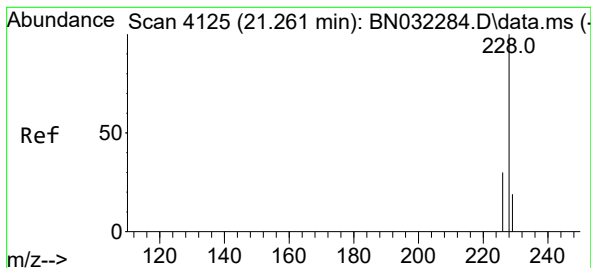
Tgt Ion:202 Resp: 17901
Ion Ratio Lower Upper
202 100
101 18.4 8.8 13.2#
100 11.4 6.4 9.6#



#21
Benzo(a)anthracene
Concen: 26.963 ng/ul
RT: 21.369 min Scan# 4162
Delta R.T. 0.155 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52

Tgt Ion:228 Resp: 25108
Ion Ratio Lower Upper
228 100
229 51.6 15.7 23.5#
226 72.7 21.8 32.8#





#22

Chrysene

Concen: 25.610 ng/ul

RT: 21.369 min Scan# 41

Delta R.T. 0.102 min

Lab File: BN032286.D

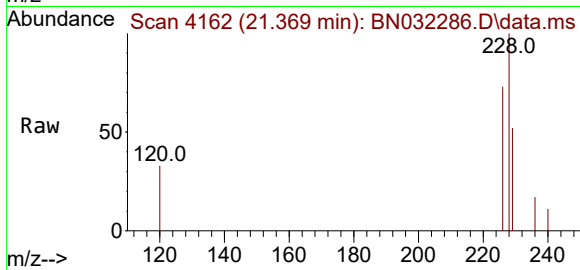
Acq: 27 Jun 2024 18:52

Instrument :

BNA_N

ClientSampleId :

A4B75



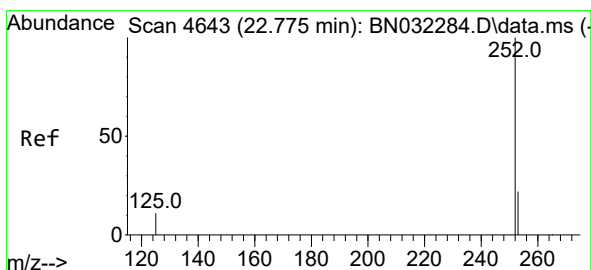
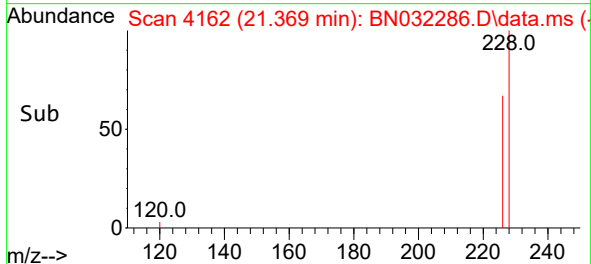
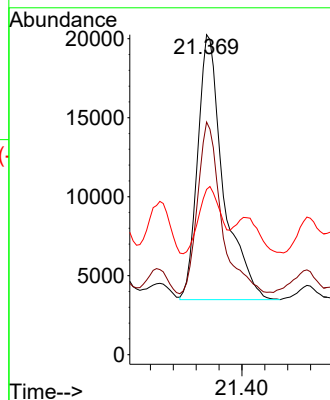
Tgt Ion:228 Resp: 26175

Ion Ratio Lower Upper

228 100

226 72.7 23.6 35.4#

229 51.6 15.7 23.5#



#24

Benzo(b)fluoranthene

Concen: 22.143 ng/ul

RT: 22.941 min Scan# 4700

Delta R.T. 0.158 min

Lab File: BN032286.D

Acq: 27 Jun 2024 18:52

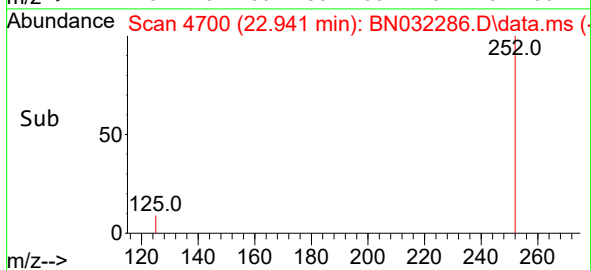
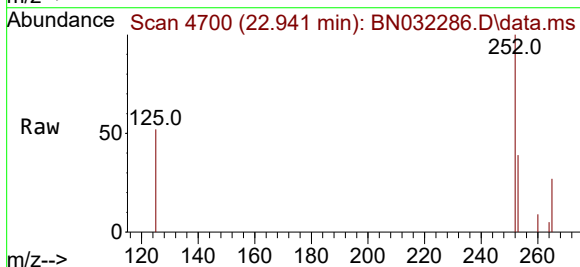
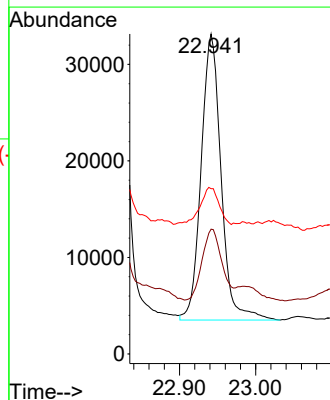
Tgt Ion:252 Resp: 53680

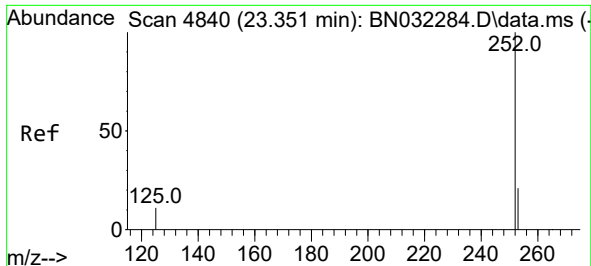
Ion Ratio Lower Upper

252 100

253 39.0 0.0 50.2

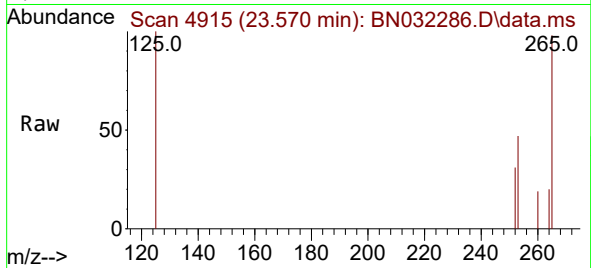
125 51.6 0.0 32.0#



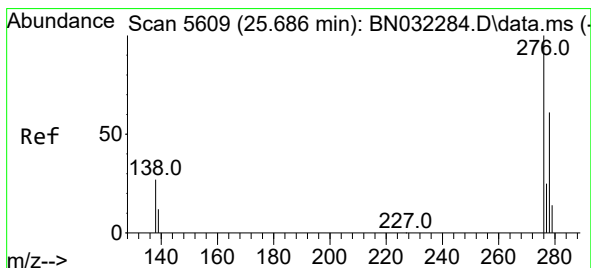
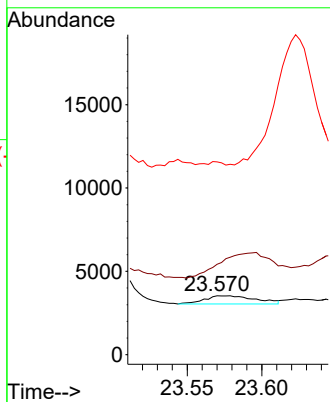
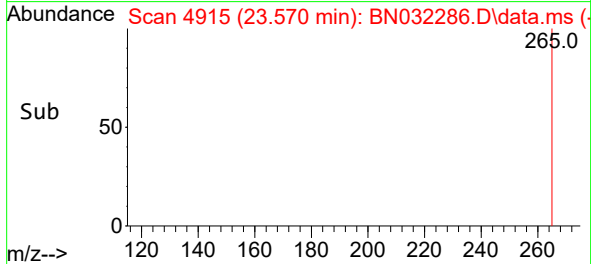


#26
Benzo(a)pyrene
Concen: 0.701 ng/u1
RT: 23.570 min Scan# 4915
Delta R.T. 0.210 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52

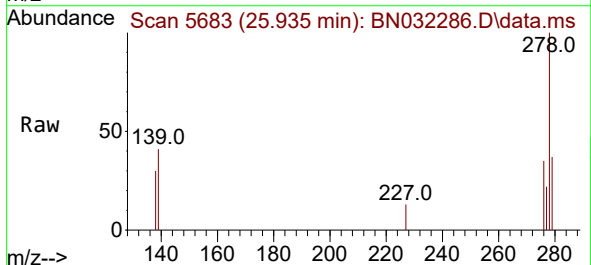
Instrument :
BNA_N
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A4B75



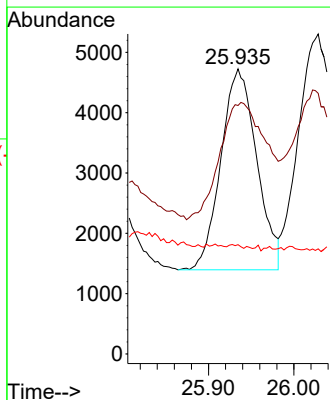
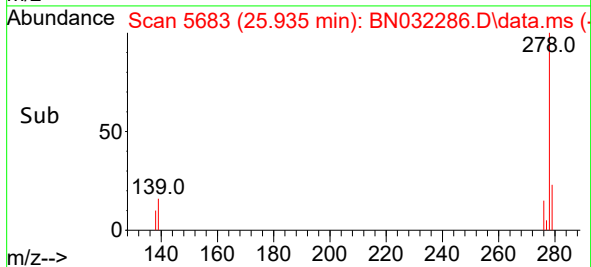
Tgt Ion:252 Resp: 1183
Ion Ratio Lower Upper
252 100
253 153.6 22.2 33.2#
125 327.4 16.4 24.6#

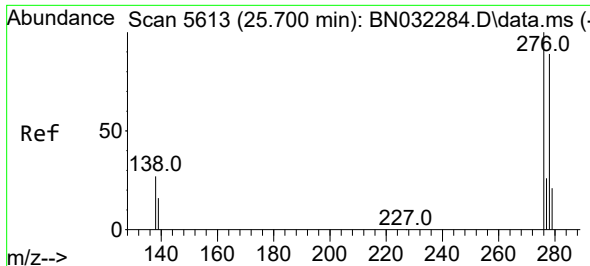


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.675 ng/u1
RT: 25.935 min Scan# 5683
Delta R.T. 0.235 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52



Tgt Ion:276 Resp: 9707
Ion Ratio Lower Upper
276 100
138 81.1 21.3 31.9#
227 1.7 0.1 0.1#

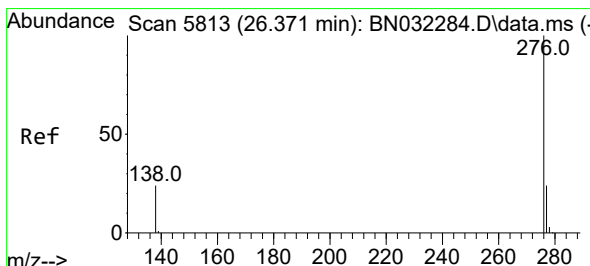
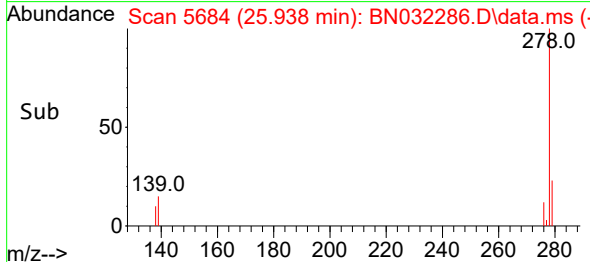
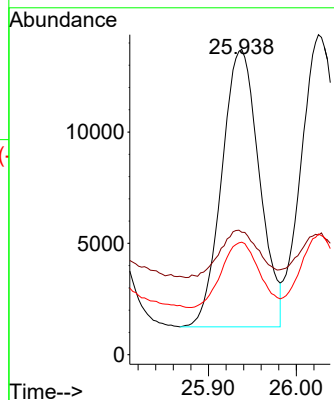
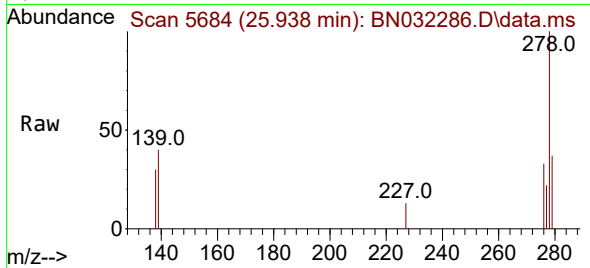




#28
Dibenzo(a,h)anthracene
Concen: 18.824 ng/ul
RT: 25.938 min Scan# 50
Delta R.T. 0.228 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52

Instrument :
BNA_N
ClientSampleId :
A4B75

Tgt Ion:278 Resp: 36938
Ion Ratio Lower Upper
278 100
139 40.1 15.9 23.9#
279 36.8 21.1 31.7#



#29
Benzo(g,h,i)perylene
Concen: 1.061 ng/ul
RT: 26.579 min Scan# 5875
Delta R.T. 0.198 min
Lab File: BN032286.D
Acq: 27 Jun 2024 18:52

Tgt Ion:276 Resp: 2231
Ion Ratio Lower Upper
276 100
138 142.9 19.8 29.6#
277 110.3 19.8 29.6#

