

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
 Data File : BN033003.D
 Acq On : 26 Jul 2024 18:51
 Operator : MA/JU
 Sample : P3264-26MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN0MSD

Quant Time: Jul 26 23:33:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 15:43:00 2024
 Response via : Initial Calibration

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

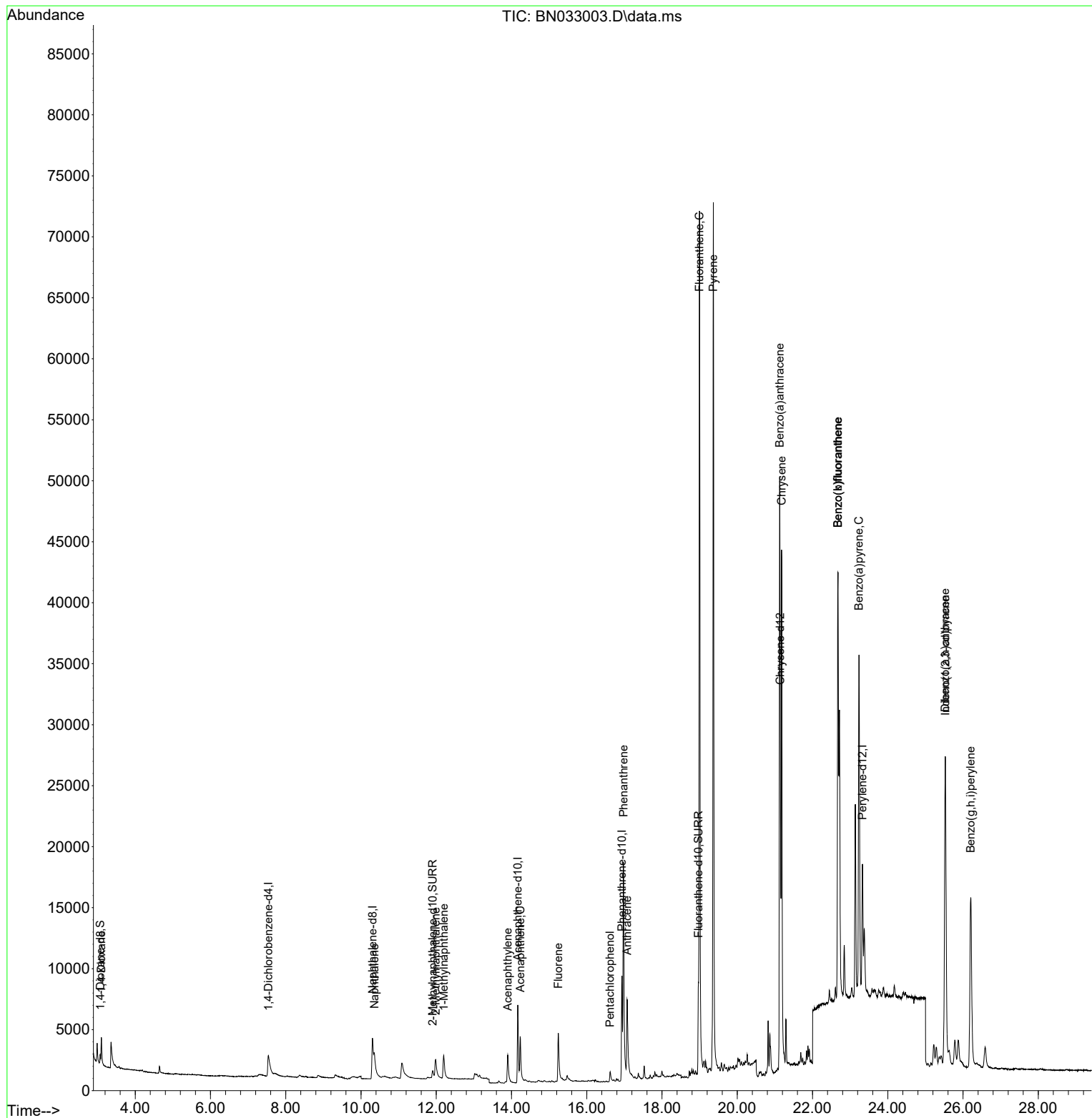
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.537	152	2553	0.400	ng/ul	0.00
4) Naphthalene-d8	10.306	136	9702	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.166	164	5133	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.933	188	13428	0.400	ng/ul	-0.01
17) Chrysene-d12	21.142	240	13110	0.400	ng/ul	-0.02
23) Perylene-d12	23.326	264	15774	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.069	96	605	0.187	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.906	152	1833	0.116	ng/ul	0.00
18) Fluoranthene-d10	18.967	212	8903	0.240	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.098	88	1714	0.466	ng/ul#	87
5) Naphthalene	10.355	128	3719	0.149	ng/ul#	94
7) 2-Methylnaphthalene	11.983	142	2283	0.135	ng/ul	98
8) 1-Methylnaphthalene	12.198	142	2351	0.129	ng/ul	99
10) Acenaphthylene	13.898	152	4476	0.213	ng/ul	96
11) Acenaphthene	14.231	153	3137	0.199	ng/ul	98
12) Fluorene	15.244	166	4272	0.232	ng/ul	99
14) Pentachlorophenol	16.620	266	964	0.353	ng/ul	98
15) Phenanthrene	16.975	178	24691	0.686	ng/ul	98
16) Anthracene	17.072	178	10751	0.332	ng/ul	99
19) Fluoranthene	18.995	202	70136	1.625	ng/ul	98
20) Pyrene	19.362	202	69407	1.499	ng/ul	99
21) Benzo(a)anthracene	21.125	228	47026	1.052	ng/ul	99
22) Chrysene	21.178	228	45719	0.876	ng/ul	99
24) Benzo(b)fluoranthene	22.674	252	86296	1.873	ng/ul	88
25) Benzo(k)fluoranthene	22.674	252	86342	1.564	ng/ul#	86
26) Benzo(a)pyrene	23.235	252	42676	0.984	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.530	276	35660	0.541	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.527	278	17140	0.328	ng/ul	96
29) Benzo(g,h,i)perylene	26.204	276	31197	0.595	ng/ul	95

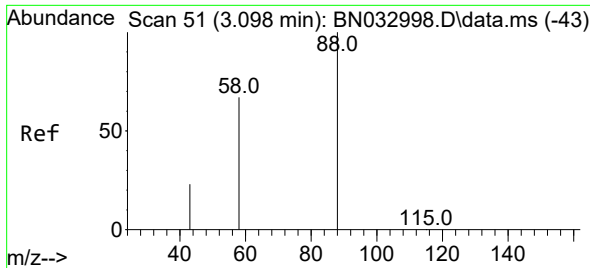
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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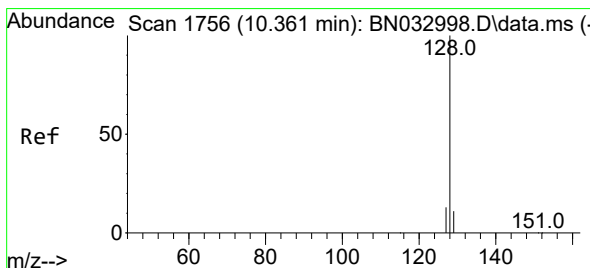
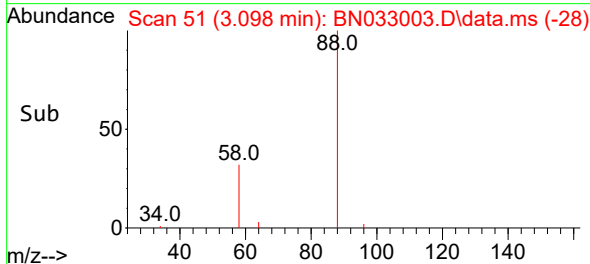
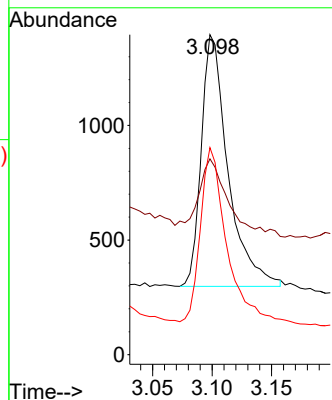
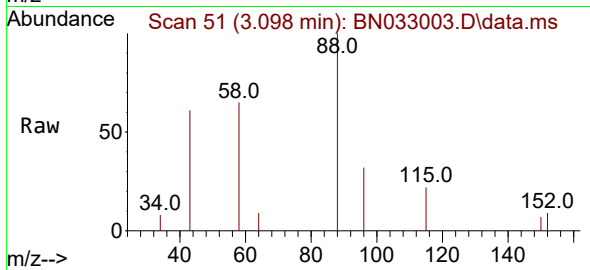




#2
1,4-Dioxane
Concen: 0.466 ng/ul
RT: 3.098 min Scan# 51
Delta R.T. -0.004 min
Lab File: BN033003.D
Acq: 26 Jul 2024 18:51

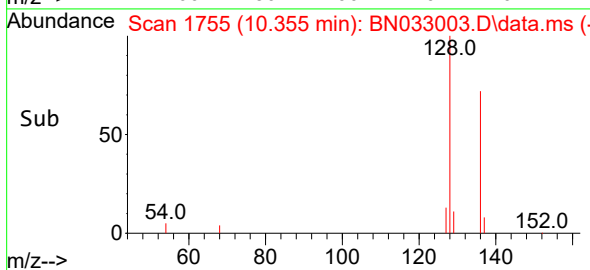
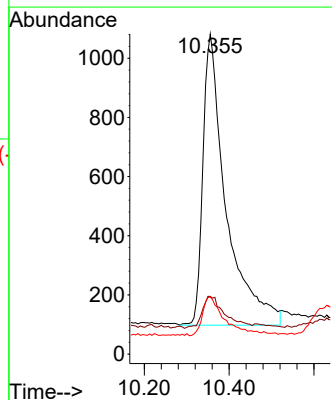
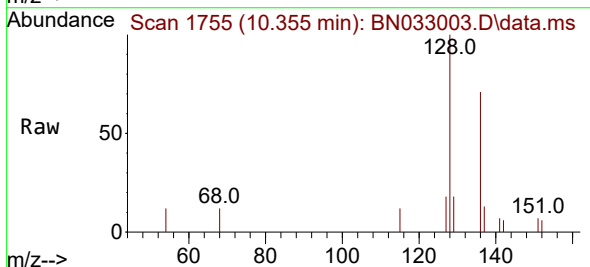
Instrument :
BNA_N
ClientSampleId :
A4CN0MSD

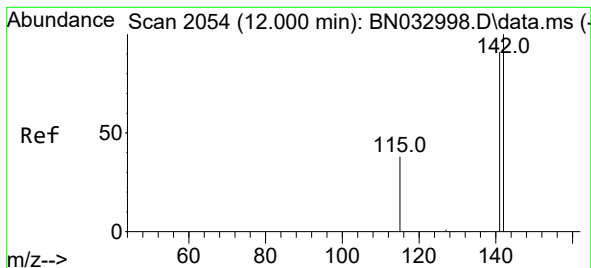
Tgt Ion: 88 Resp: 1714
Ion Ratio Lower Upper
88 100
43 61.2 63.4 95.2#
58 64.7 49.4 74.0



#5
Naphthalene
Concen: 0.149 ng/ul
RT: 10.355 min Scan# 1755
Delta R.T. 0.006 min
Lab File: BN033003.D
Acq: 26 Jul 2024 18:51

Tgt Ion: 128 Resp: 3719
Ion Ratio Lower Upper
128 100
129 18.0 12.0 18.0#
127 17.8 12.7 19.1

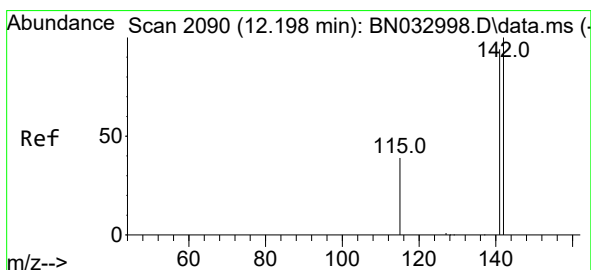
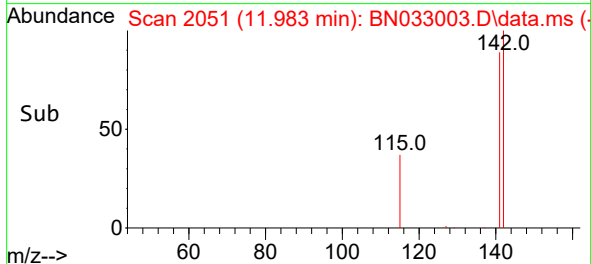
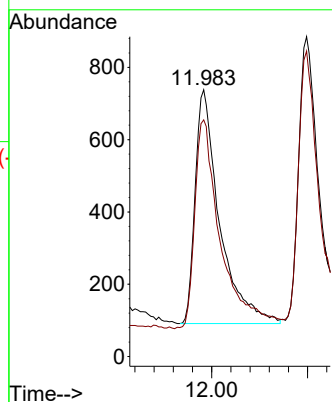
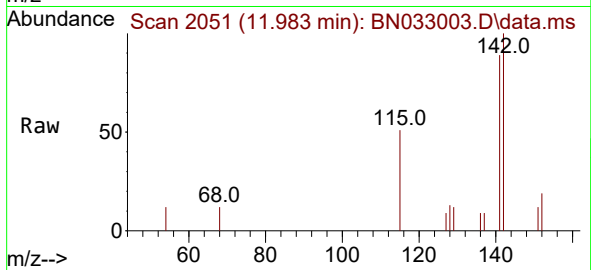




#7
2-Methylnaphthalene
Concen: 0.135 ng/ul
RT: 11.983 min Scan# 2051
Delta R.T. 0.000 min
Lab File: BN033003.D
Acq: 26 Jul 2024 18:51

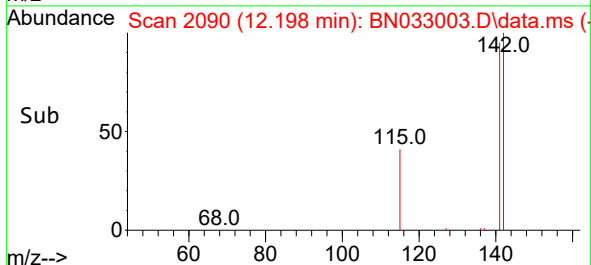
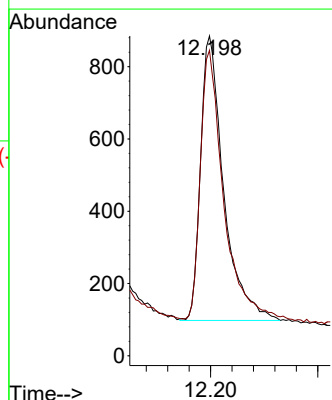
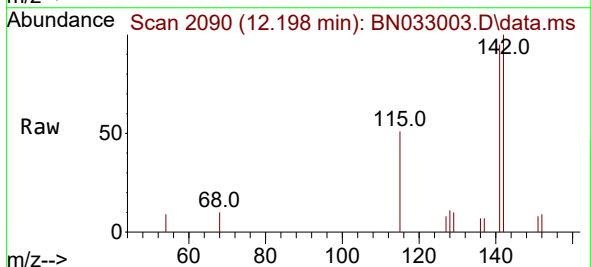
Instrument :
BNA_N
ClientSampleId :
A4CN0MSD

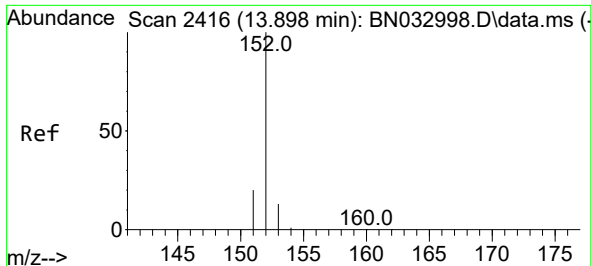
Tgt Ion:142 Resp: 2283
Ion Ratio Lower Upper
142 100
141 95.8 75.2 112.8



#8
1-Methylnaphthalene
Concen: 0.129 ng/ul
RT: 12.198 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BN033003.D
Acq: 26 Jul 2024 18:51

Tgt Ion:142 Resp: 2351
Ion Ratio Lower Upper
142 100
141 93.9 74.3 111.5

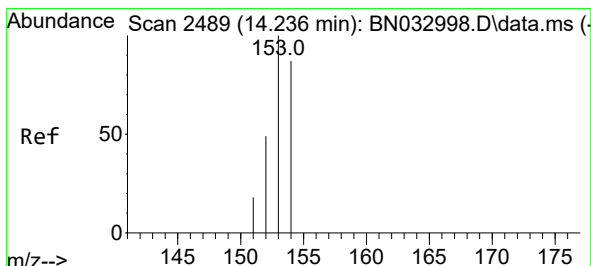
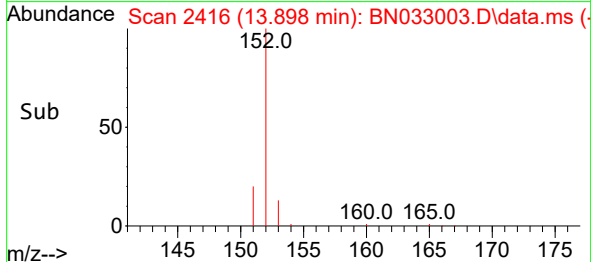
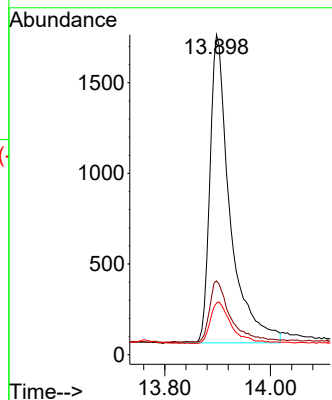
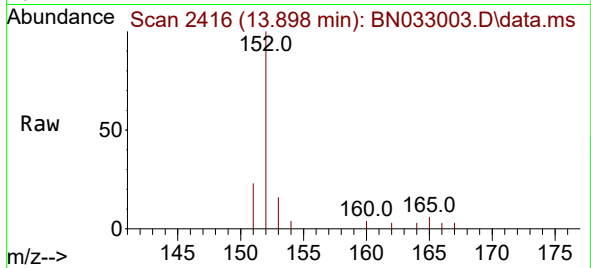




#10
Acenaphthylene
Concen: 0.213 ng/ul
RT: 13.898 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BN033003.D
Acq: 26 Jul 2024 18:51

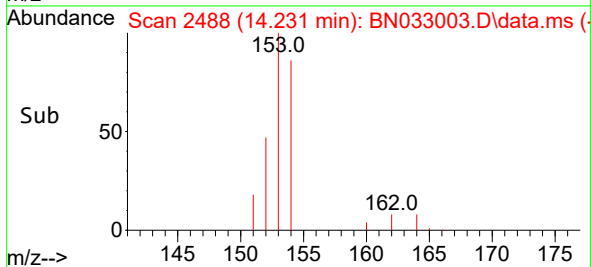
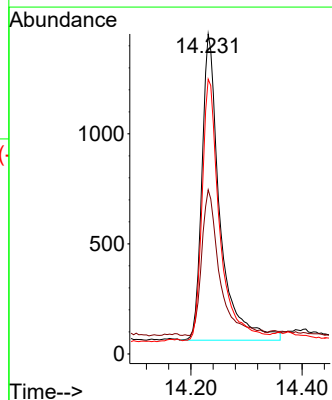
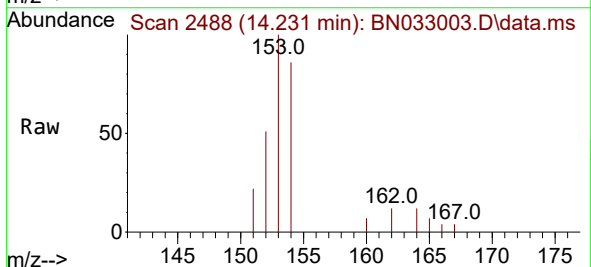
Instrument :
BNA_N
ClientSampleId :
A4CN0MSD

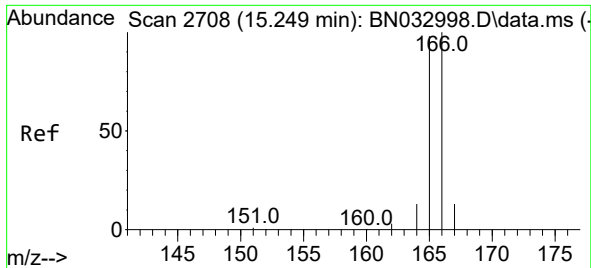
Tgt Ion:152 Resp: 4476
Ion Ratio Lower Upper
152 100
151 23.1 16.8 25.2
153 16.1 11.9 17.9



#11
Acenaphthene
Concen: 0.199 ng/ul
RT: 14.231 min Scan# 2488
Delta R.T. -0.004 min
Lab File: BN033003.D
Acq: 26 Jul 2024 18:51

Tgt Ion:153 Resp: 3137
Ion Ratio Lower Upper
153 100
152 51.3 40.0 60.0
154 85.9 70.1 105.1

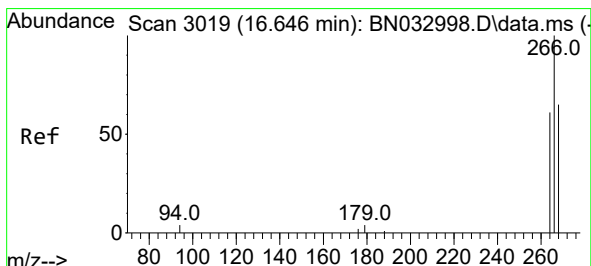
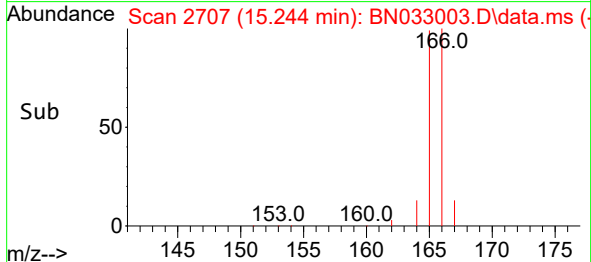
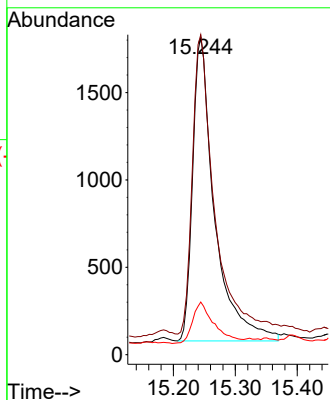
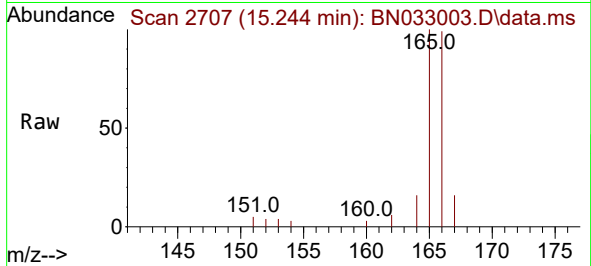




#12
Fluorene
Concen: 0.232 ng/ul
RT: 15.244 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN033003.D
Acq: 26 Jul 2024 18:51

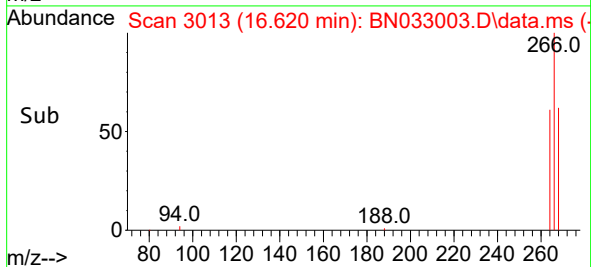
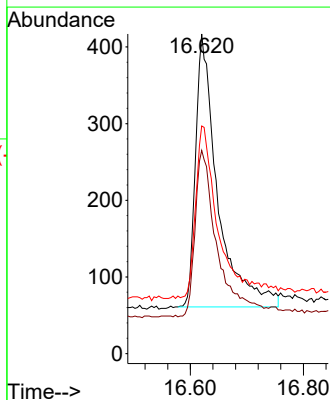
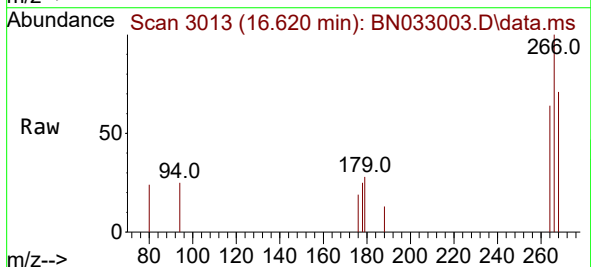
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BNA_N
ClientSampleId :
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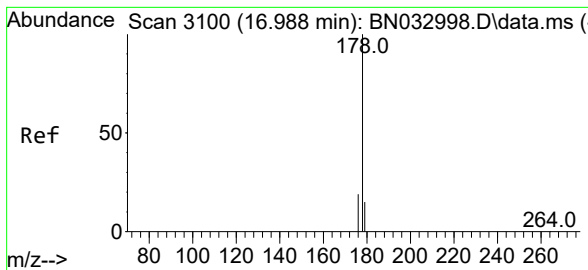
Tgt Ion:166 Resp: 4272
Ion Ratio Lower Upper
166 100
165 100.7 79.6 119.4
167 16.6 12.2 18.4



#14
Pentachlorophenol
Concen: 0.353 ng/ul
RT: 16.620 min Scan# 3013
Delta R.T. -0.017 min
Lab File: BN033003.D
Acq: 26 Jul 2024 18:51

Tgt Ion:266 Resp: 964
Ion Ratio Lower Upper
266 100
264 63.4 49.3 73.9
268 65.6 51.8 77.8

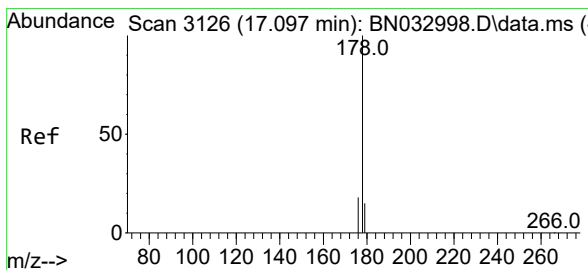
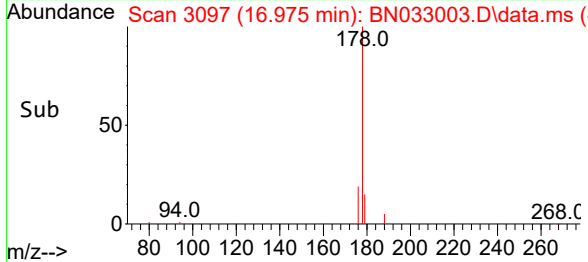
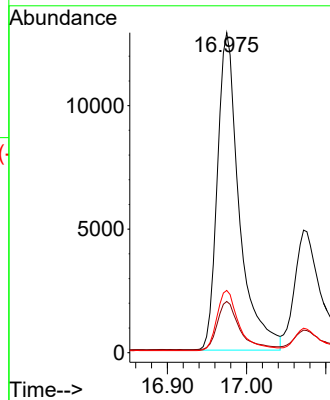
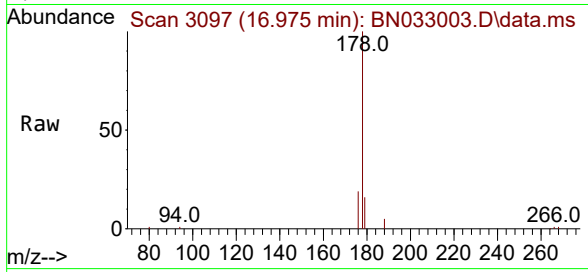




#15
 Phenanthrene
 Concen: 0.686 ng/ul
 RT: 16.975 min Scan# 3097
 Delta R.T. -0.012 min
 Lab File: BN033003.D
 Acq: 26 Jul 2024 18:51

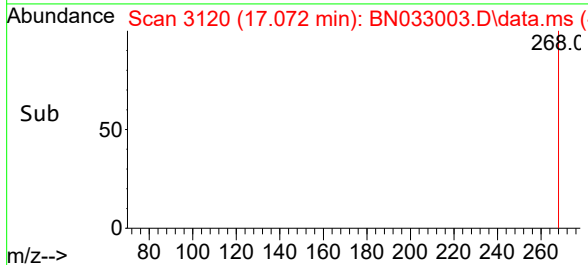
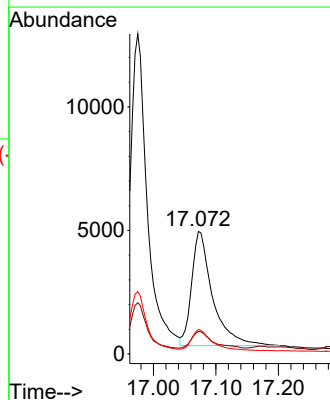
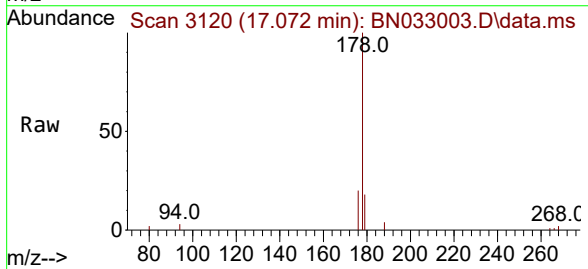
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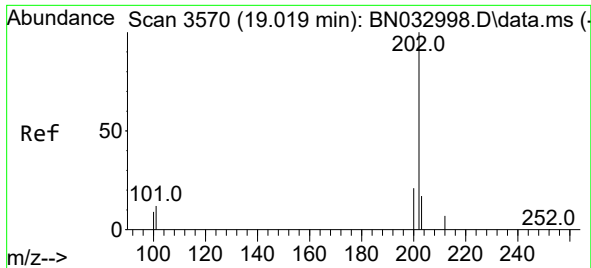
Tgt Ion:	178	Resp:	24691
Ion Ratio	Lower	Upper	
178	100		
179	16.0	13.7	20.5
176	19.4	15.9	23.9



#16
 Anthracene
 Concen: 0.332 ng/ul
 RT: 17.072 min Scan# 3120
 Delta R.T. -0.012 min
 Lab File: BN033003.D
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Tgt Ion:	178	Resp:	10751
Ion Ratio	Lower	Upper	
178	100		
179	18.4	14.3	21.5
176	20.0	15.8	23.8

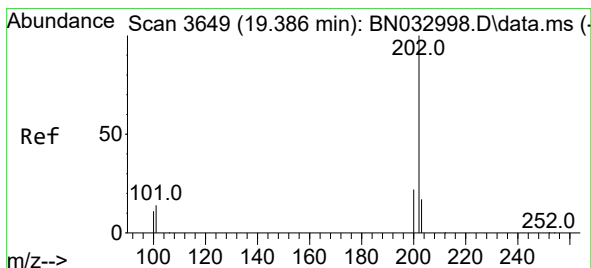
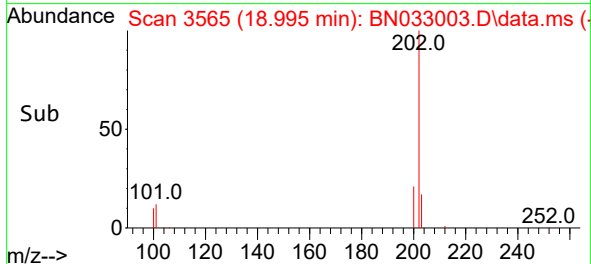
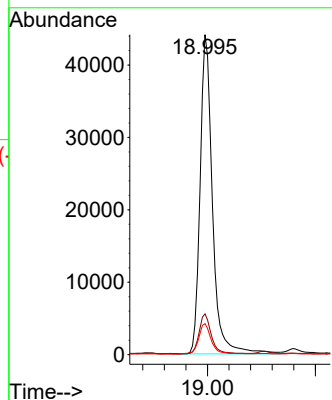
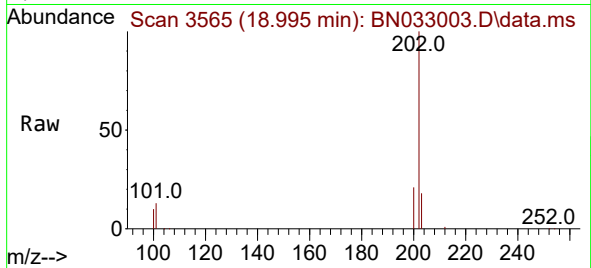




#19
Fluoranthene
Concen: 1.625 ng/ul
RT: 18.995 min Scan# 3565
Delta R.T. -0.018 min
Lab File: BN033003.D
Acq: 26 Jul 2024 18:51

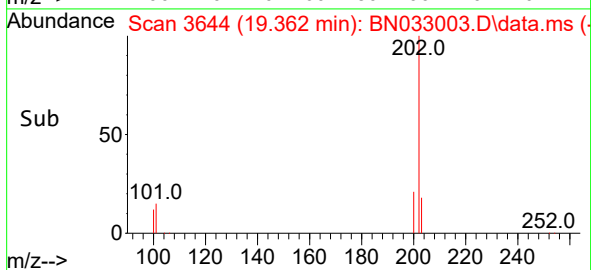
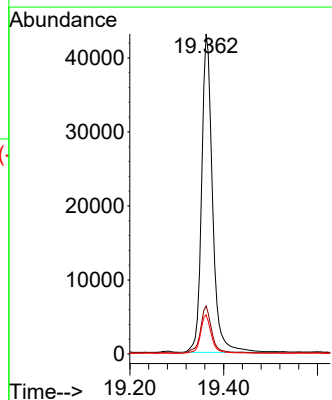
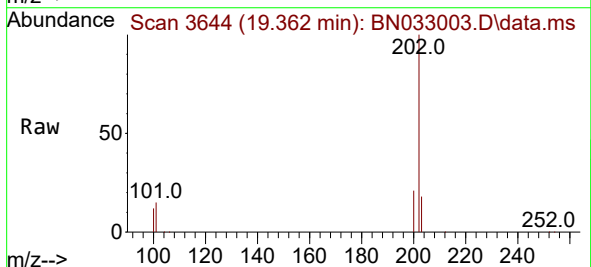
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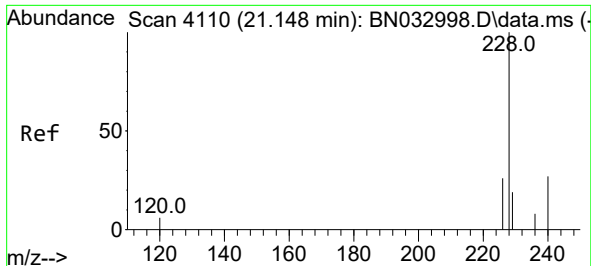
Tgt Ion:202 Resp: 70136
Ion Ratio Lower Upper
202 100
101 12.8 10.7 16.1
100 9.7 8.3 12.5



#20
Pyrene
Concen: 1.499 ng/ul
RT: 19.362 min Scan# 3644
Delta R.T. -0.018 min
Lab File: BN033003.D
Acq: 26 Jul 2024 18:51

Tgt Ion:202 Resp: 69407
Ion Ratio Lower Upper
202 100
101 14.9 12.6 18.8
100 12.2 9.9 14.9

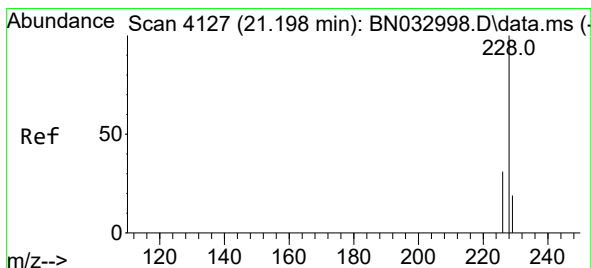
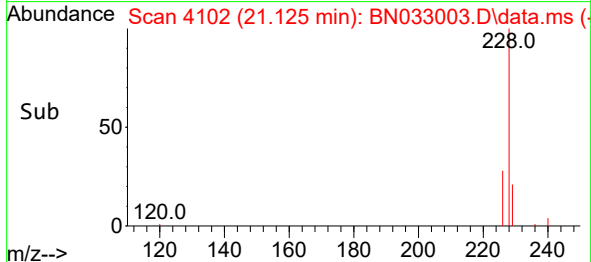
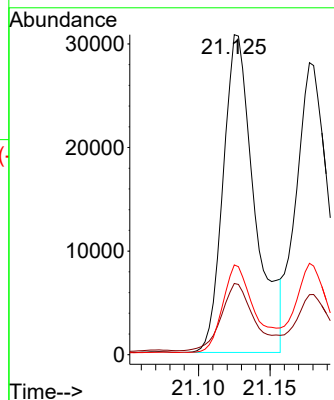
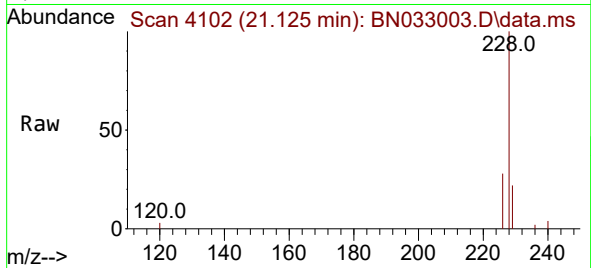




#21
Benzo(a)anthracene
Concen: 1.052 ng/ul
RT: 21.125 min Scan# 4110
Delta R.T. -0.020 min
Lab File: BN033003.D
Acq: 26 Jul 2024 18:51

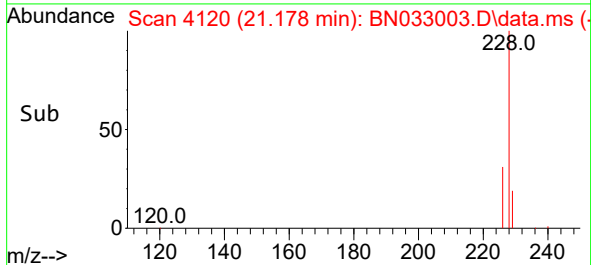
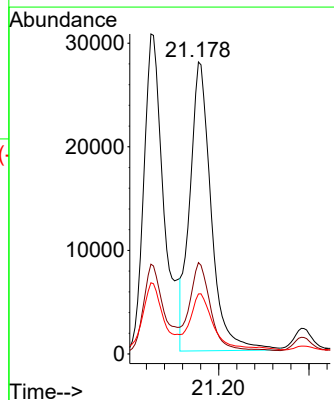
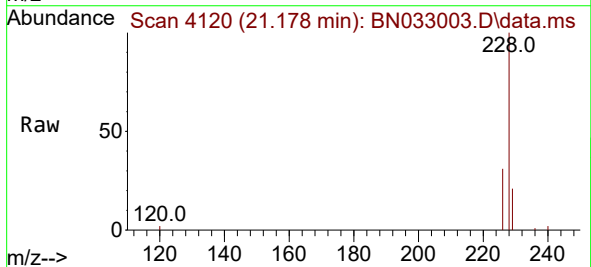
Instrument :
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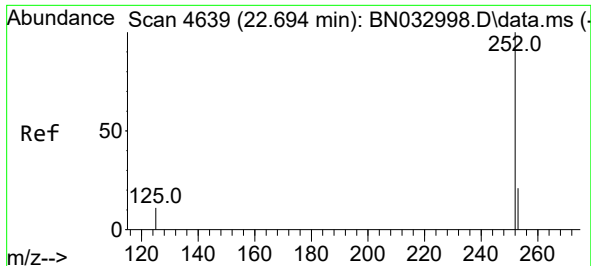
Tgt Ion:228 Resp: 47026
Ion Ratio Lower Upper
228 100
229 22.2 17.1 25.7
226 28.0 22.4 33.6



#22
Chrysene
Concen: 0.876 ng/ul
RT: 21.178 min Scan# 4120
Delta R.T. -0.017 min
Lab File: BN033003.D
Acq: 26 Jul 2024 18:51

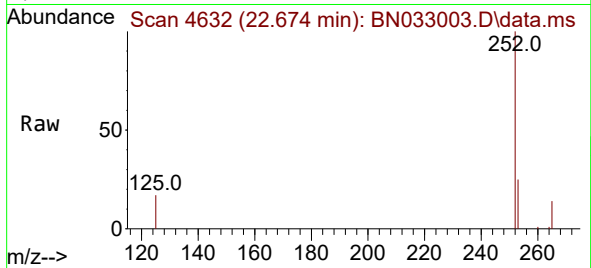
Tgt Ion:228 Resp: 45719
Ion Ratio Lower Upper
228 100
226 31.3 24.7 37.1
229 20.6 17.0 25.6



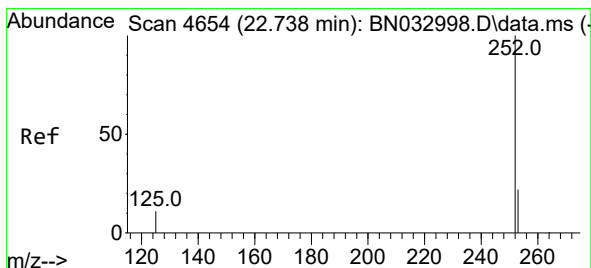
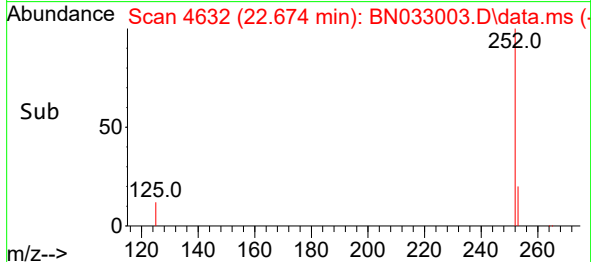
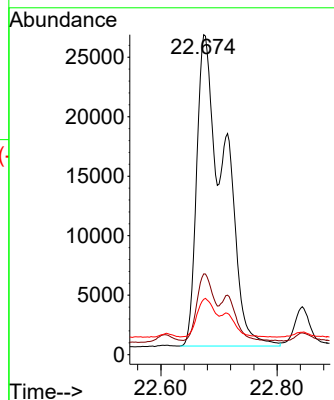


#24
Benzo(b)fluoranthene
Concen: 1.873 ng/ul
RT: 22.674 min Scan# 4632
Delta R.T. -0.020 min
Lab File: BN033003.D
Acq: 26 Jul 2024 18:51

Instrument :
BNA_N
ClientSampleId :
A4CN0MSD

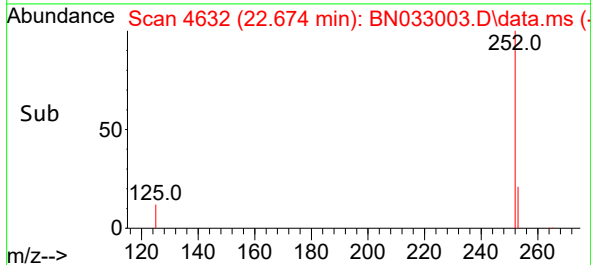
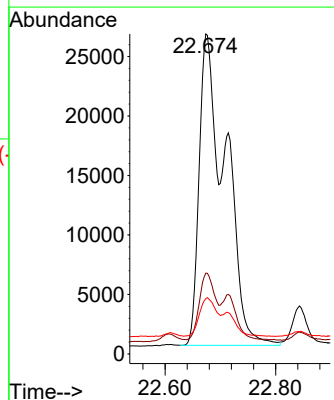
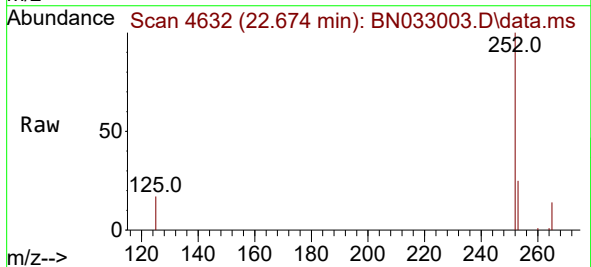


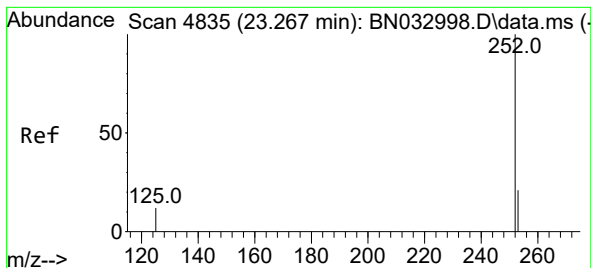
Tgt Ion:252 Resp: 86296
Ion Ratio Lower Upper
252 100
253 25.2 0.0 60.6
125 17.3 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 1.564 ng/ul
RT: 22.674 min Scan# 4632
Delta R.T. -0.061 min
Lab File: BN033003.D
Acq: 26 Jul 2024 18:51

Tgt Ion:252 Resp: 86342
Ion Ratio Lower Upper
252 100
253 25.2 24.9 37.3
125 17.3 20.9 31.3#





#26

Benzo(a)pyrene

Concen: 0.984 ng/ul

RT: 23.235 min Scan# 4824

Delta R.T. -0.026 min

Lab File: BN033003.D

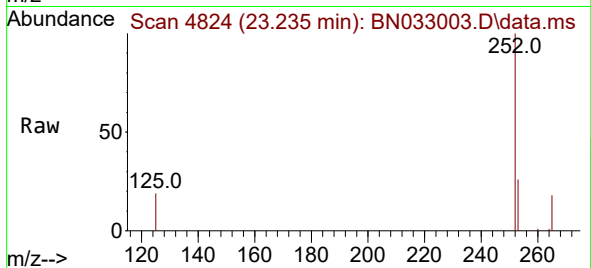
Acq: 26 Jul 2024 18:51

Instrument :

BNA_N

ClientSampleId :

A4CN0MSD



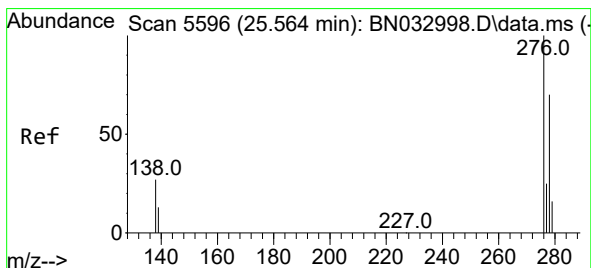
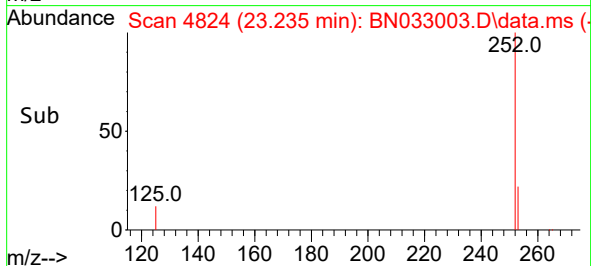
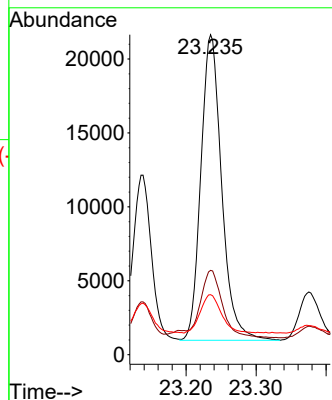
Tgt Ion:252 Resp: 42676

Ion Ratio Lower Upper

252 100

253 26.4 27.5 41.3#

125 18.7 27.0 40.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.541 ng/ul

RT: 25.530 min Scan# 5586

Delta R.T. -0.030 min

Lab File: BN033003.D

Acq: 26 Jul 2024 18:51

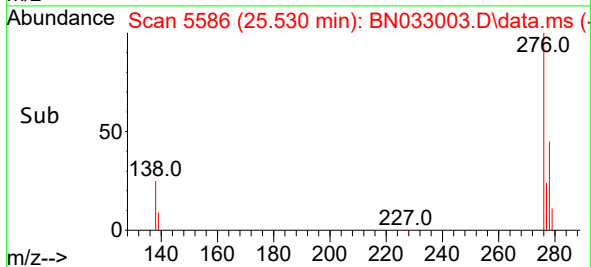
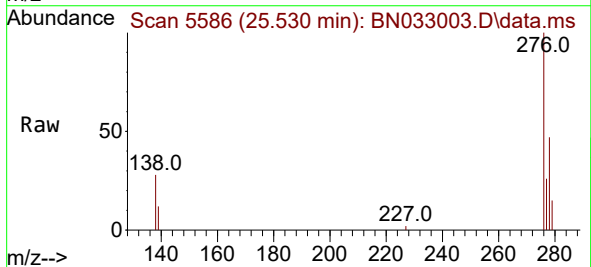
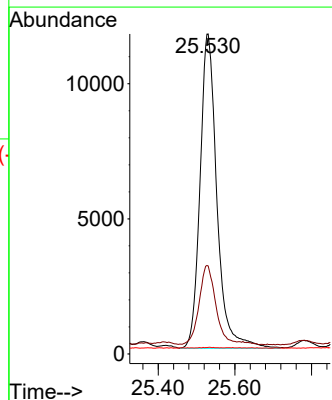
Tgt Ion:276 Resp: 35660

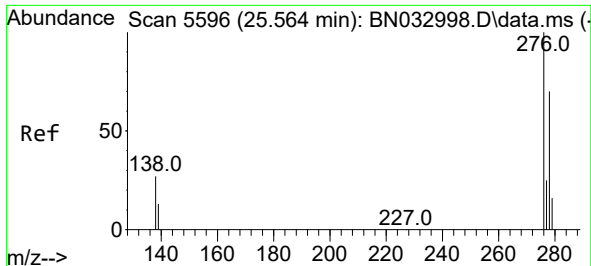
Ion Ratio Lower Upper

276 100

138 25.2 21.8 32.8

227 0.1 0.2 0.2#

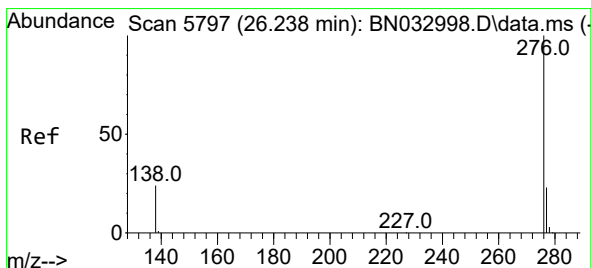
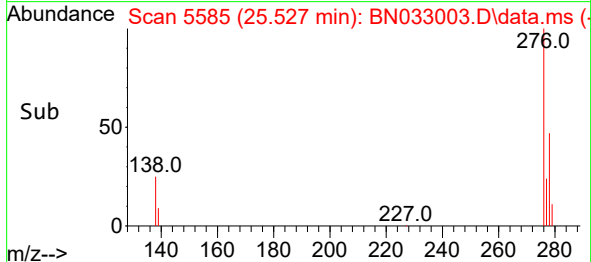
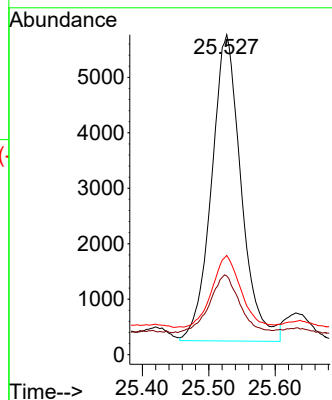
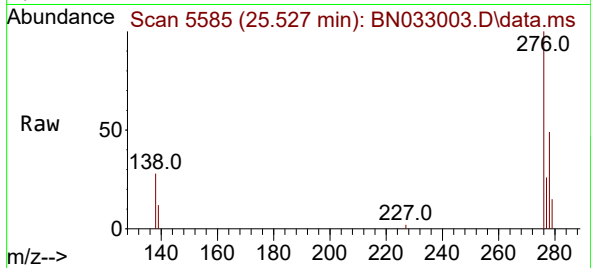




#28
Dibenzo(a,h)anthracene
Concen: 0.328 ng/ul
RT: 25.527 min Scan# 51
Delta R.T. -0.033 min
Lab File: BN033003.D
Acq: 26 Jul 2024 18:51

Instrument :
BNA_N
ClientSampleId :
A4CN0MSD

Tgt Ion:278 Resp: 17140
Ion Ratio Lower Upper
278 100
139 24.6 22.5 33.7
279 31.0 25.5 38.3



#29
Benzo(g,h,i)perylene
Concen: 0.595 ng/ul
RT: 26.204 min Scan# 5787
Delta R.T. -0.037 min
Lab File: BN033003.D
Acq: 26 Jul 2024 18:51

Tgt Ion:276 Resp: 31197
Ion Ratio Lower Upper
276 100
138 27.1 24.6 37.0
277 26.2 22.6 34.0

