

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032626.D
 Acq On : 11 Jul 2024 09:16
 Operator : MA/JU
 Sample : SSTD0.107
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.1237

Quant Time: Jul 12 01:32:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:27:09 2024
 Response via : Initial Calibration

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

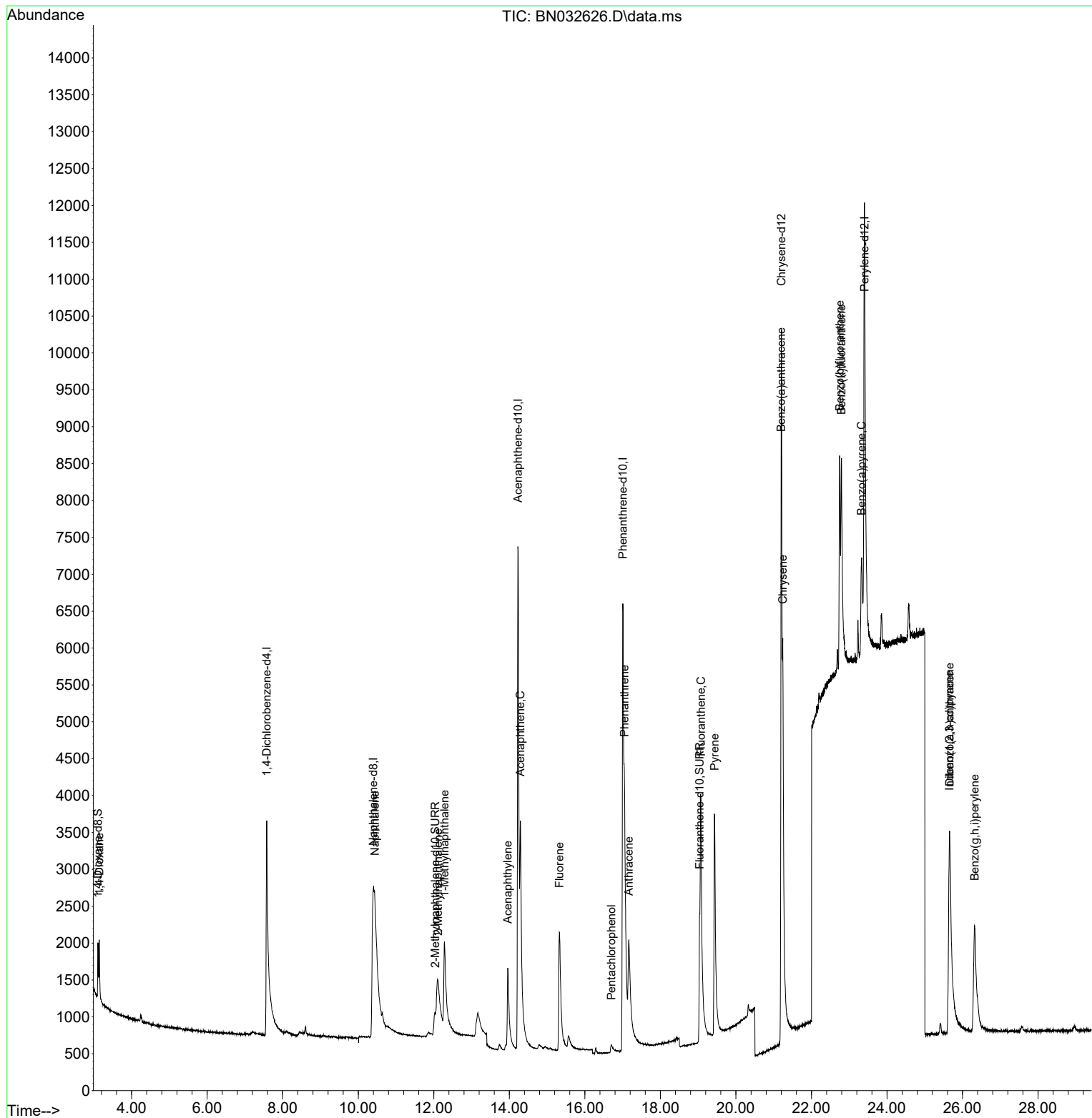
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.578	152	3703	0.400	ng/ul	0.00
4) Naphthalene-d8	10.397	136	10571	0.400	ng/ul #	0.04
9) Acenaphthene-d10	14.229	164	7621	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.006	188	16191	0.400	ng/ul	0.02
17) Chrysene-d12	21.204	240	12113	0.400	ng/ul	0.01
23) Perylene-d12	23.405	264	12746	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.110	96	546	0.111	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.036	152	1564	0.103	ng/ul	0.06
18) Fluoranthene-d10	19.039	212	4209	0.114	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.143	88	728	0.130	ng/ul#	84
5) Naphthalene	10.441	128	3028	0.111	ng/ul#	79
7) 2-Methylnaphthalene	12.113	142	1731	0.099	ng/ul	97
8) 1-Methylnaphthalene	12.283	142	1782	0.096	ng/ul	99
10) Acenaphthylene	13.960	152	2916	0.095	ng/ul#	89
11) Acenaphthene	14.293	153	2533	0.099	ng/ul	95
12) Fluorene	15.325	166	2772	0.095	ng/ul#	98
14) Pentachlorophenol	16.702	266	250	0.088	ng/ul	96
15) Phenanthrene	17.049	178	4353	0.099	ng/ul#	94
16) Anthracene	17.167	178	3175	0.088	ng/ul#	90
19) Fluoranthene	19.072	202	5187	0.112	ng/ul#	94
20) Pyrene	19.435	202	5500	0.113	ng/ul	96
21) Benzo(a)anthracene	21.196	228	3708	0.096	ng/ul	96
22) Chrysene	21.242	228	6440	0.126	ng/ul	97
24) Benzo(b)fluoranthene	22.747	252	4344	0.097	ng/ul#	64
25) Benzo(k)fluoranthene	22.791	252	6065	0.128	ng/ul#	63
26) Benzo(a)pyrene	23.326	252	4051	0.104	ng/ul#	39
27) Indeno(1,2,3-cd)pyrene	25.652	276	5711	0.108	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.658	278	4480	0.110	ng/ul#	71
29) Benzo(g,h,i)perylene	26.319	276	5058	0.115	ng/ul#	87

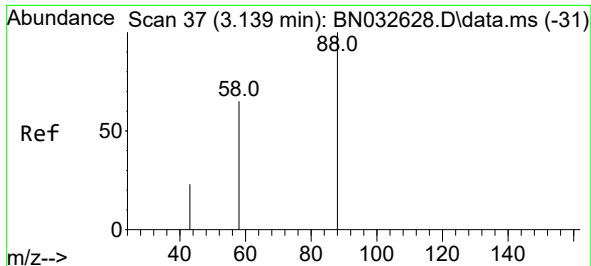
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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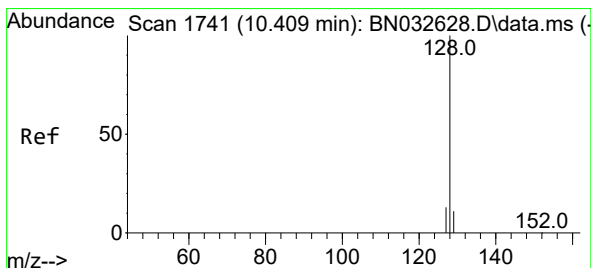
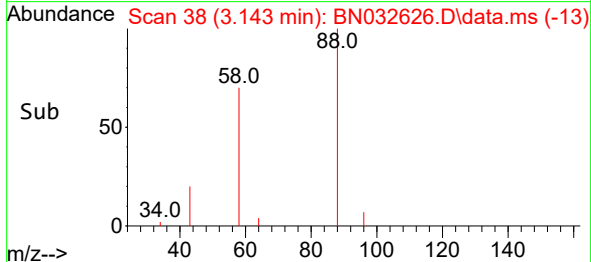
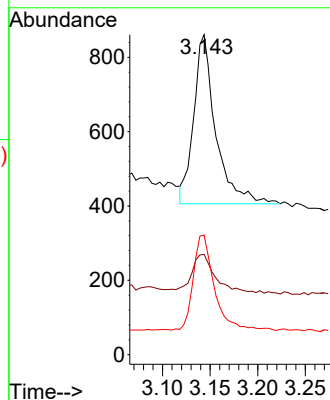
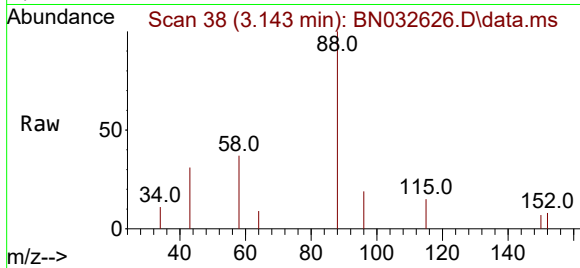




#2
 1,4-Dioxane
 Concen: 0.130 ng/ul
 RT: 3.143 min Scan# 31
 Delta R.T. 0.004 min
 Lab File: BN032626.D
 Acq: 11 Jul 2024 09:16

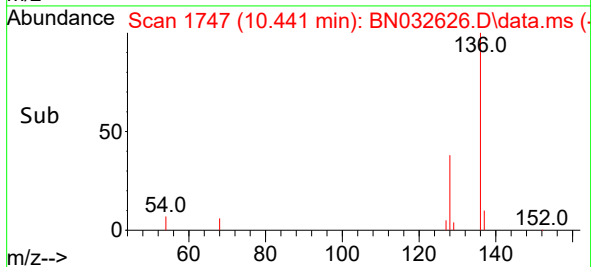
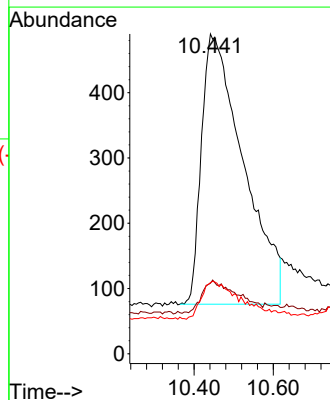
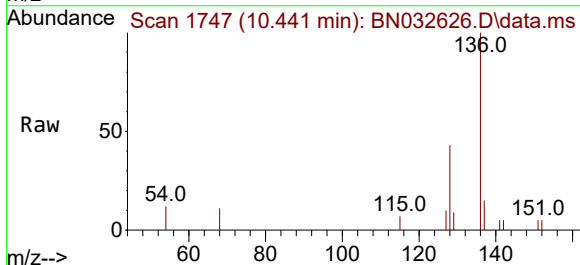
Instrument :
 BNA_N
 ClientSampleId :
 SST0.1237

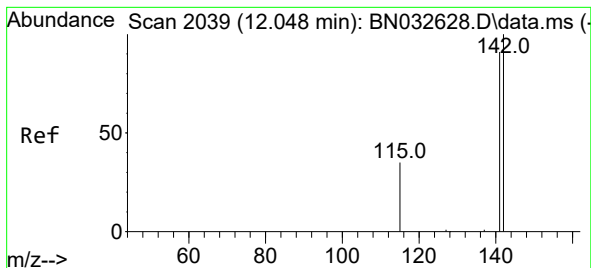
Tgt Ion: 88 Resp: 728
 Ion Ratio Lower Upper
 88 100
 43 31.4 24.0 36.0
 58 37.4 43.3 64.9#



#5
 Naphthalene
 Concen: 0.111 ng/ul
 RT: 10.441 min Scan# 1747
 Delta R.T. 0.032 min
 Lab File: BN032626.D
 Acq: 11 Jul 2024 09:16

Tgt Ion: 128 Resp: 3028
 Ion Ratio Lower Upper
 128 100
 129 22.0 10.0 15.0#
 127 22.2 11.6 17.4#

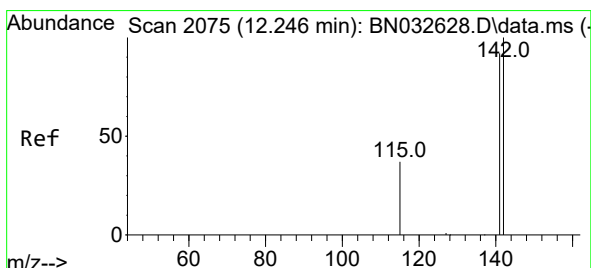
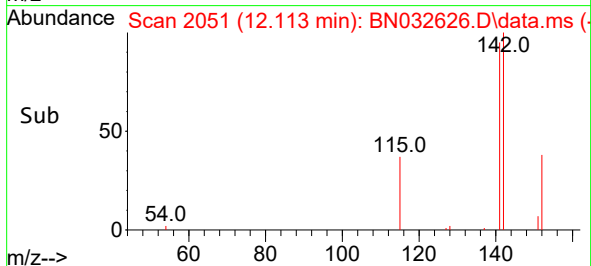
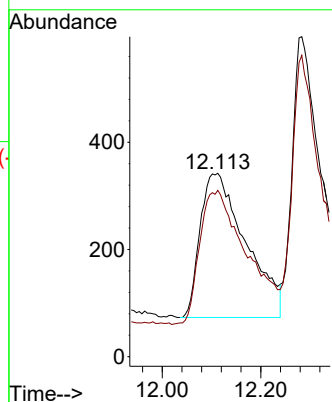
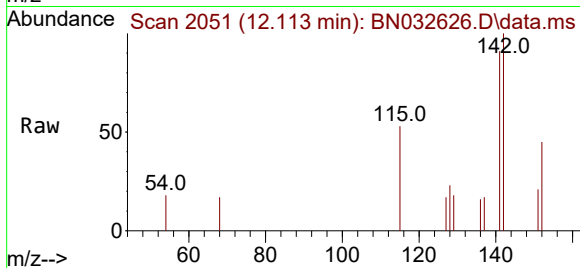




#7
2-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.113 min Scan# 2051
Delta R.T. 0.065 min
Lab File: BN032626.D
Acq: 11 Jul 2024 09:16

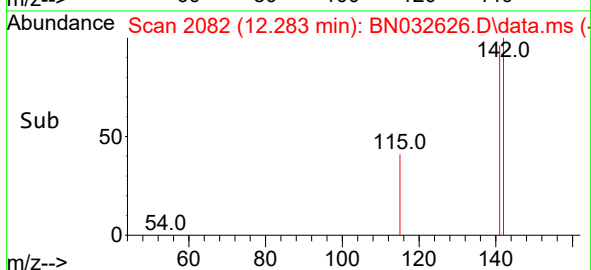
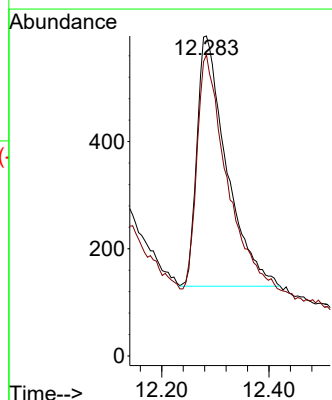
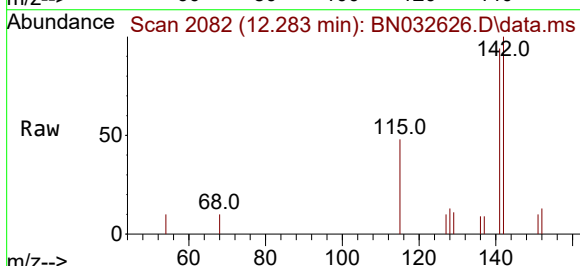
Instrument :
BNA_N
ClientSampleId :
SSTD0.1237

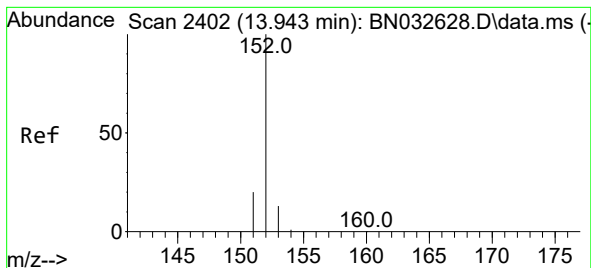
Tgt Ion:142 Resp: 1731
Ion Ratio Lower Upper
142 100
141 95.4 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.096 ng/ul
RT: 12.283 min Scan# 2082
Delta R.T. 0.037 min
Lab File: BN032626.D
Acq: 11 Jul 2024 09:16

Tgt Ion:142 Resp: 1782
Ion Ratio Lower Upper
142 100
141 94.3 75.0 112.4





#10

Acenaphthylene

Concen: 0.095 ng/ul

RT: 13.960 min Scan# 2406

Delta R.T. 0.017 min

Lab File: BN032626.D

Acq: 11 Jul 2024 09:16

Instrument :

BNA_N

ClientSampleId :

SSTD0.1237

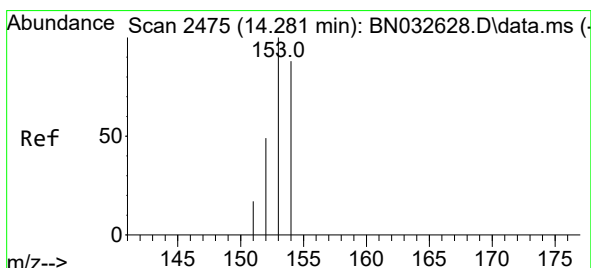
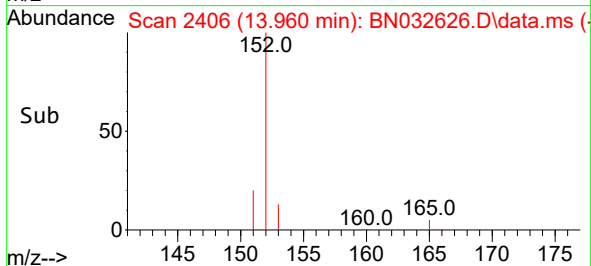
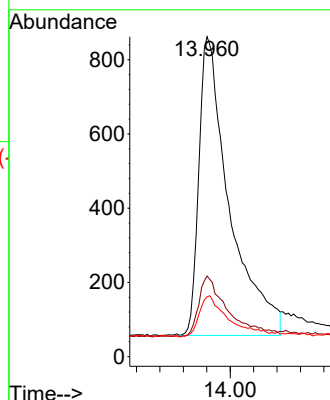
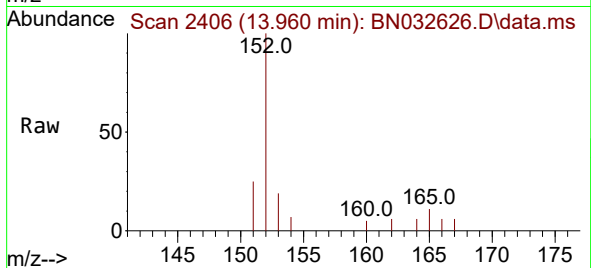
Tgt Ion:152 Resp: 2916

Ion Ratio Lower Upper

152 100

151 25.2 16.3 24.5#

153 18.7 11.3 16.9#



#11

Acenaphthene

Concen: 0.099 ng/ul

RT: 14.293 min Scan# 2478

Delta R.T. 0.013 min

Lab File: BN032626.D

Acq: 11 Jul 2024 09:16

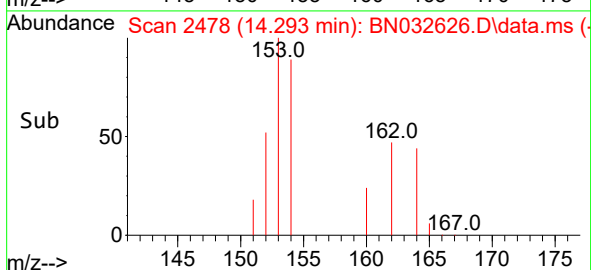
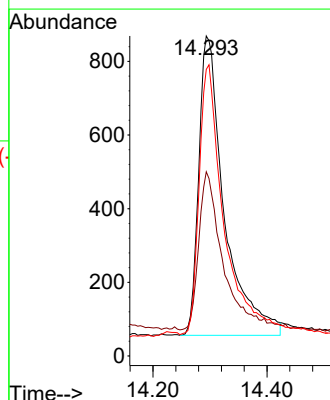
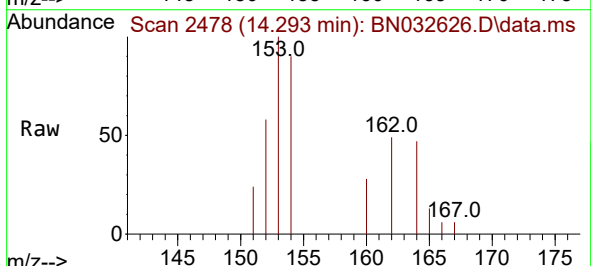
Tgt Ion:153 Resp: 2533

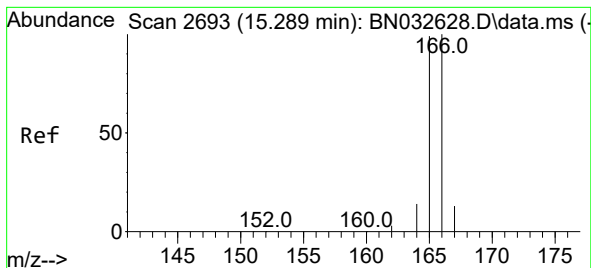
Ion Ratio Lower Upper

153 100

152 57.5 40.0 60.0

154 89.5 70.2 105.4





#12

Fluorene

Concen: 0.095 ng/ul

RT: 15.325 min Scan# 21

Delta R.T. 0.036 min

Lab File: BN032626.D

Acq: 11 Jul 2024 09:16

Instrument :

BNA_N

ClientSampleId :

SSTD0.1237

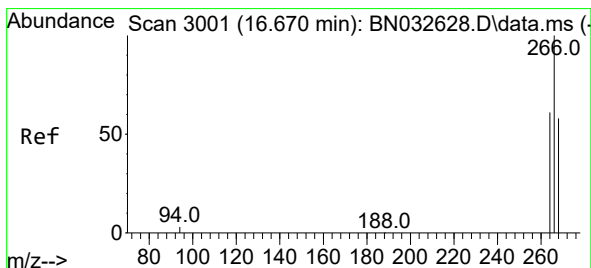
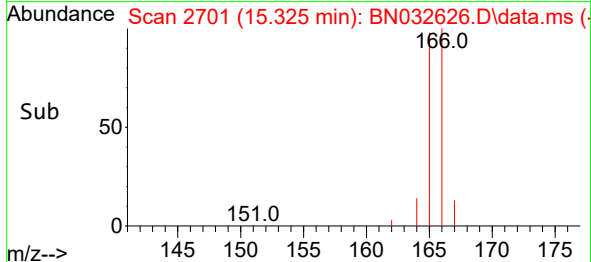
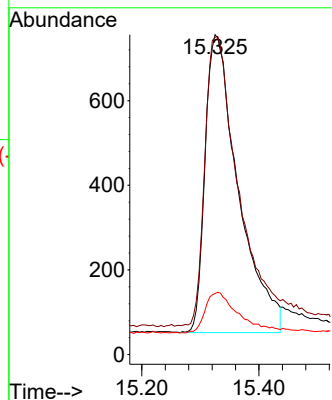
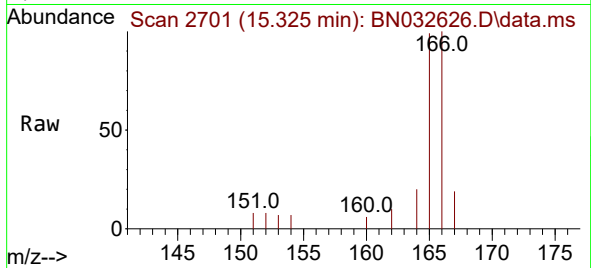
Tgt Ion:166 Resp: 2772

Ion Ratio Lower Upper

166 100

165 99.2 79.7 119.5

167 19.0 11.4 17.2#



#14

Pentachlorophenol

Concen: 0.088 ng/ul

RT: 16.702 min Scan# 3009

Delta R.T. 0.033 min

Lab File: BN032626.D

Acq: 11 Jul 2024 09:16

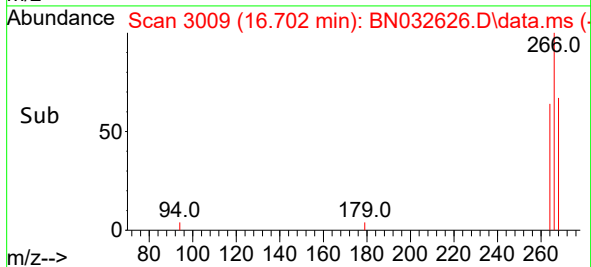
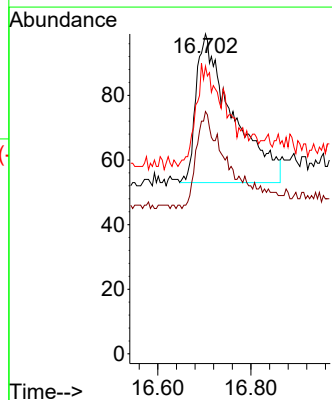
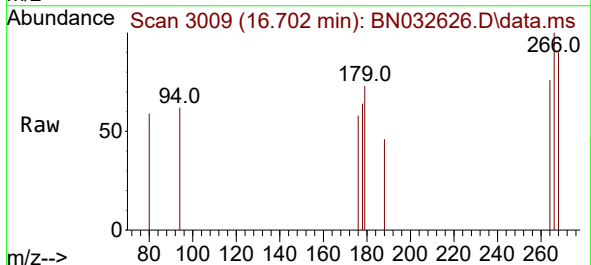
Tgt Ion:266 Resp: 250

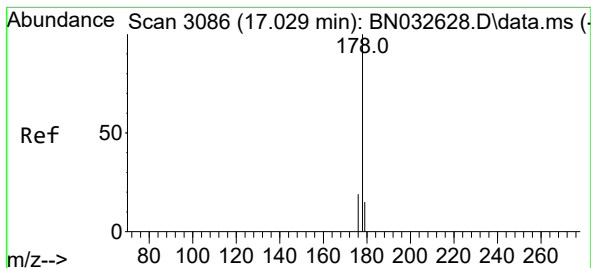
Ion Ratio Lower Upper

266 100

264 60.0 49.4 74.2

268 68.4 51.6 77.4





#15

Phenanthrene

Concen: 0.099 ng/ul

RT: 17.049 min Scan# 3086

Delta R.T. 0.020 min

Lab File: BN032626.D

Acq: 11 Jul 2024 09:16

Instrument :

BNA_N

ClientSampleId :

SSTD0.1237

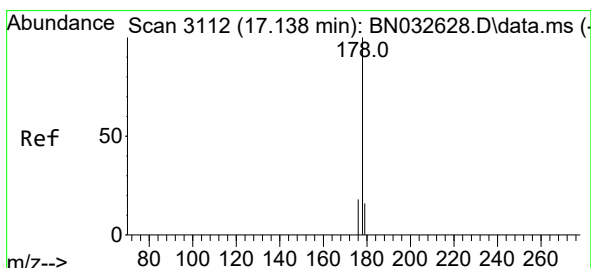
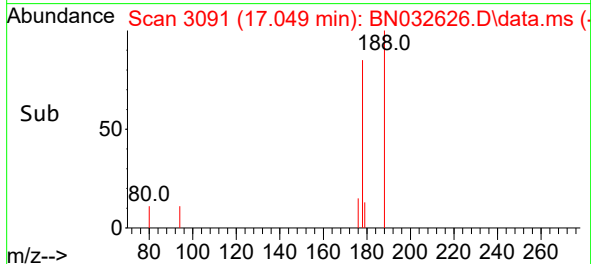
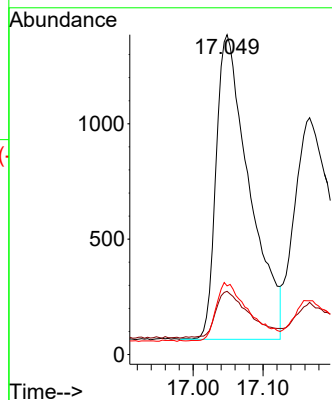
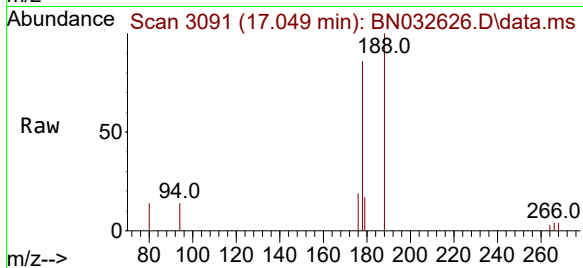
Tgt Ion:178 Resp: 4353

Ion Ratio Lower Upper

178 100

179 19.8 13.0 19.4#

176 21.5 15.6 23.4



#16

Anthracene

Concen: 0.088 ng/ul

RT: 17.167 min Scan# 3119

Delta R.T. 0.028 min

Lab File: BN032626.D

Acq: 11 Jul 2024 09:16

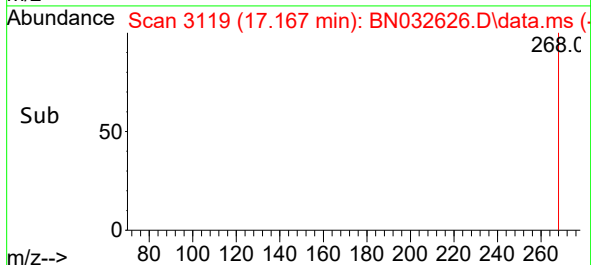
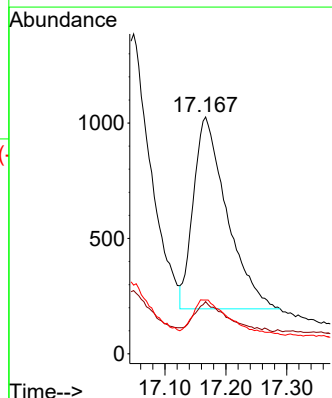
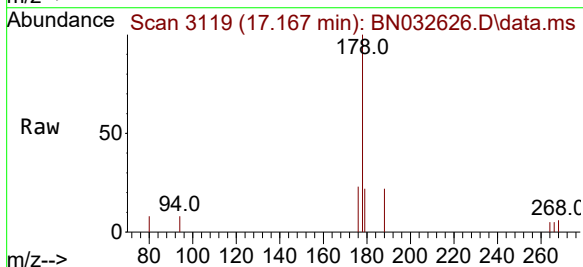
Tgt Ion:178 Resp: 3175

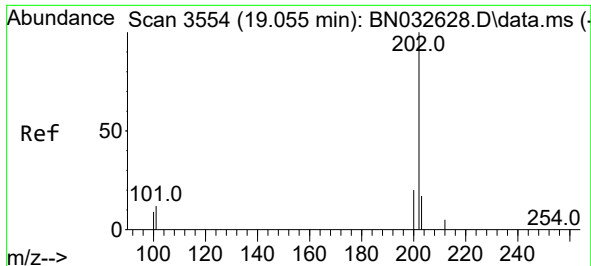
Ion Ratio Lower Upper

178 100

179 22.0 13.4 20.2#

176 22.7 15.4 23.0

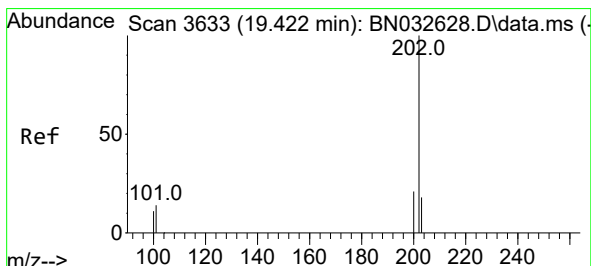
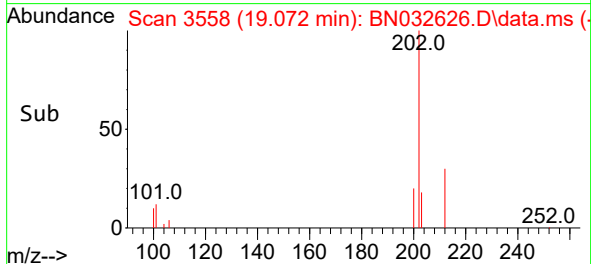
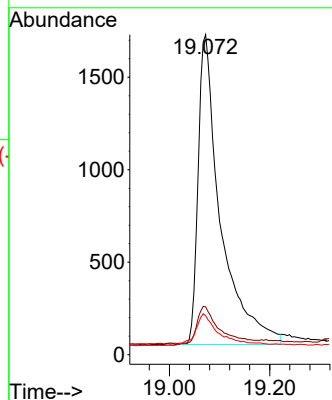
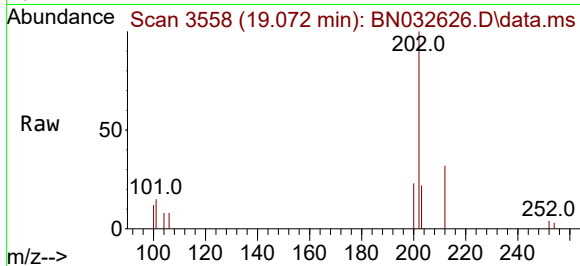




#19
Fluoranthene
Concen: 0.112 ng/ul
RT: 19.072 min Scan# 3558
Delta R.T. 0.017 min
Lab File: BN032626.D
Acq: 11 Jul 2024 09:16

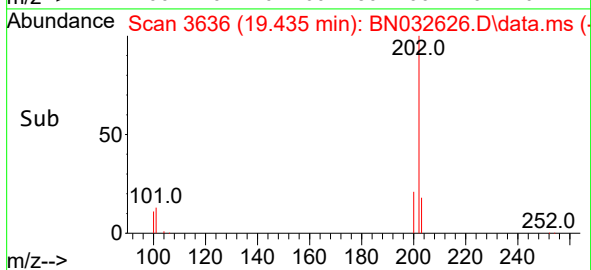
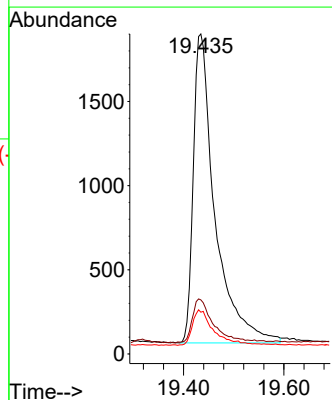
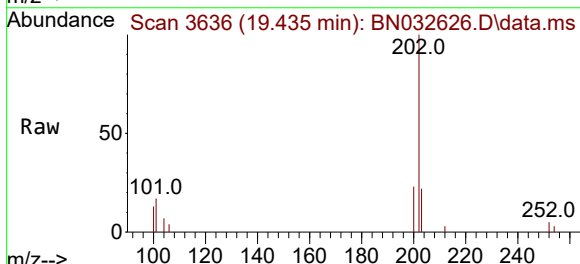
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BNA_N
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SSTD0.1237

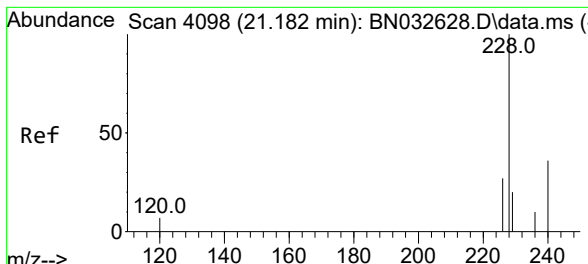
Tgt Ion:202 Resp: 5187
Ion Ratio Lower Upper
202 100
101 15.0 9.8 14.8#
100 12.1 7.9 11.9#



#20
Pyrene
Concen: 0.113 ng/ul
RT: 19.435 min Scan# 3636
Delta R.T. 0.013 min
Lab File: BN032626.D
Acq: 11 Jul 2024 09:16

Tgt Ion:202 Resp: 5500
Ion Ratio Lower Upper
202 100
101 16.9 11.8 17.6
100 13.0 9.6 14.4



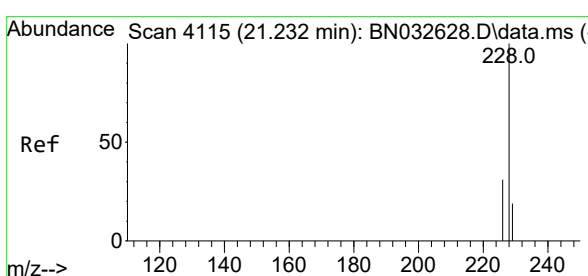
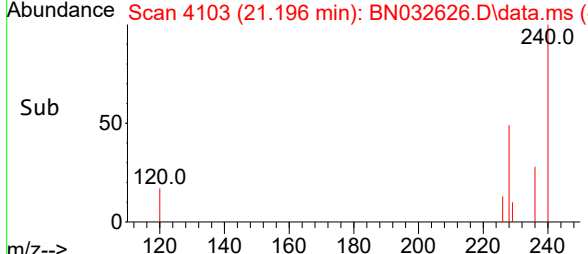
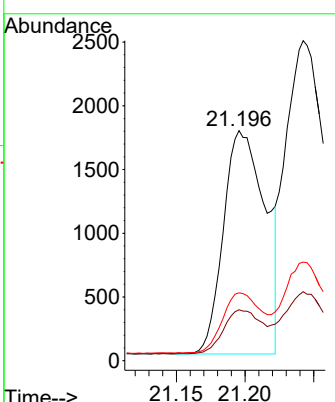
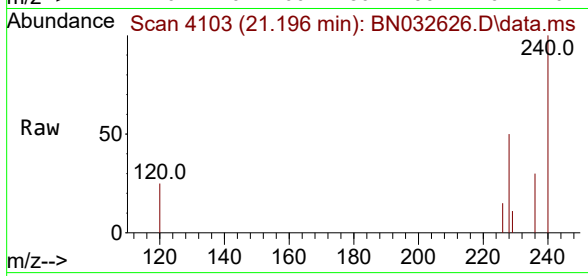


#21
 Benzo(a)anthracene
 Concen: 0.096 ng/ul
 RT: 21.196 min Scan# 4119
 Delta R.T. 0.013 min
 Lab File: BN032626.D
 Acq: 11 Jul 2024 09:16

Instrument :
 BNA_N
 ClientSampleId :
 SST00.1237

Tgt Ion:228 Resp: 3708

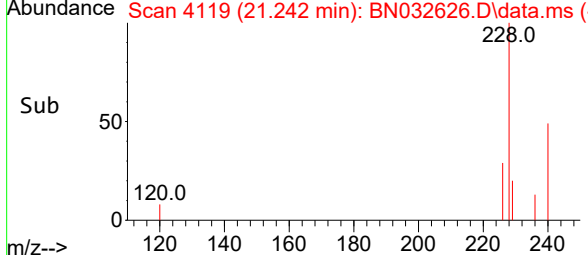
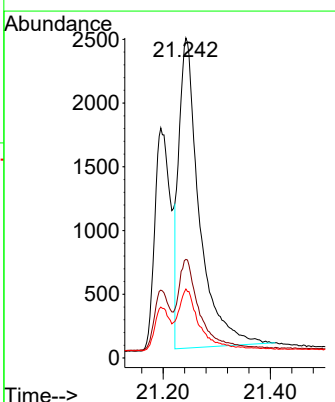
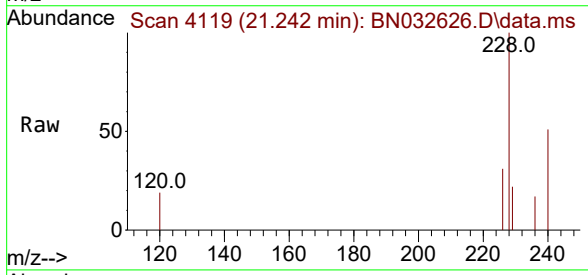
Ion	Ratio	Lower	Upper
228	100		
229	22.2	16.1	24.1
226	29.5	21.9	32.9

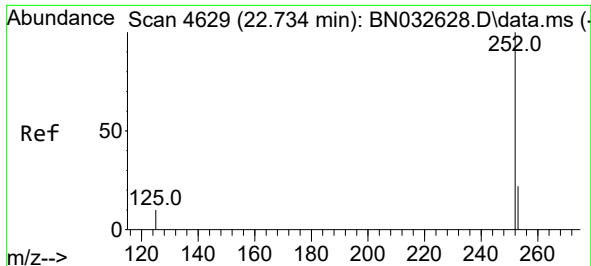


#22
 Chrysene
 Concen: 0.126 ng/ul
 RT: 21.242 min Scan# 4119
 Delta R.T. 0.010 min
 Lab File: BN032626.D
 Acq: 11 Jul 2024 09:16

Tgt Ion:228 Resp: 6440

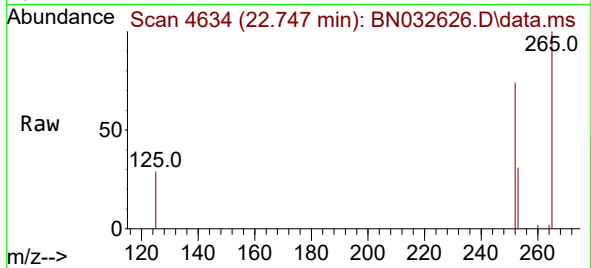
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	21.6	15.8	23.6



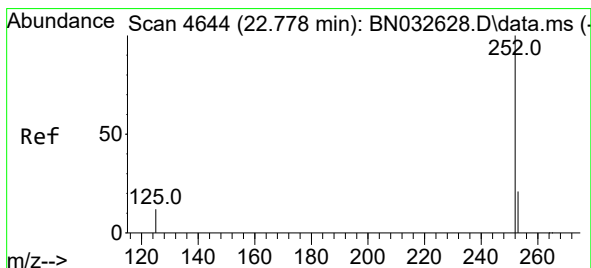
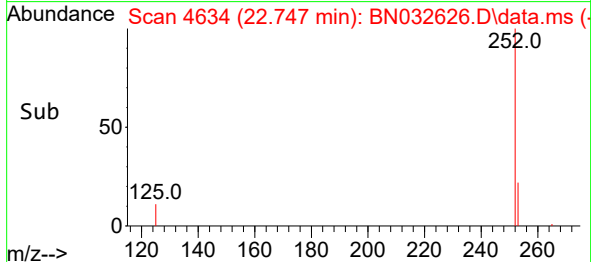
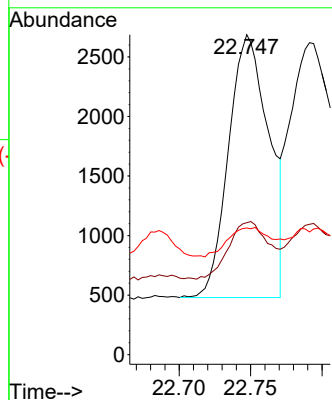


#24
Benzo(b)fluoranthene
Concen: 0.097 ng/ul
RT: 22.747 min Scan# 4634
Delta R.T. 0.013 min
Lab File: BN032626.D
Acq: 11 Jul 2024 09:16

Instrument :
BNA_N
ClientSampleId :
SSTD0.1237

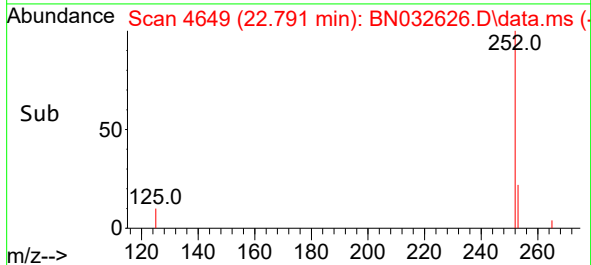
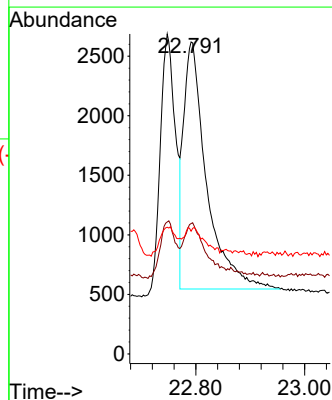
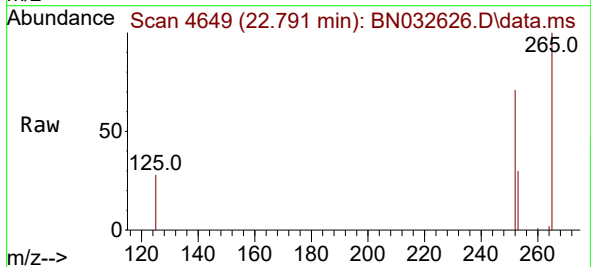


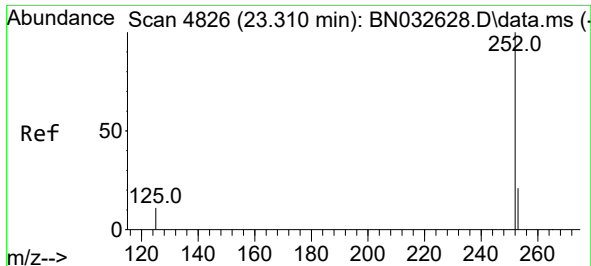
Tgt Ion:252 Resp: 4344
Ion Ratio Lower Upper
252 100
253 41.2 0.0 54.0
125 39.6 0.0 36.0#



#25
Benzo(k)fluoranthene
Concen: 0.128 ng/ul
RT: 22.791 min Scan# 4649
Delta R.T. 0.013 min
Lab File: BN032626.D
Acq: 11 Jul 2024 09:16

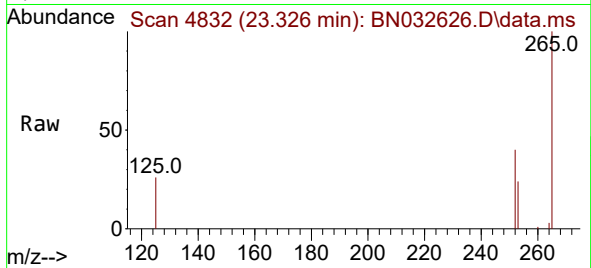
Tgt Ion:252 Resp: 6065
Ion Ratio Lower Upper
252 100
253 41.8 21.2 31.8#
125 39.3 14.8 22.2#



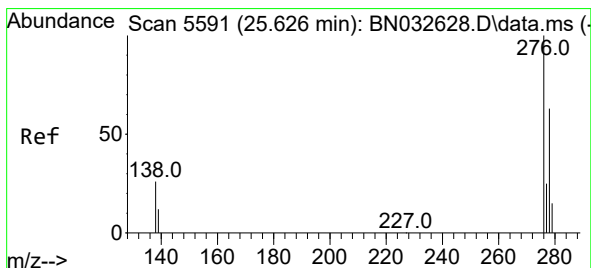
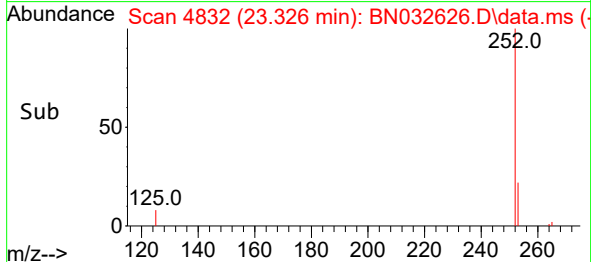
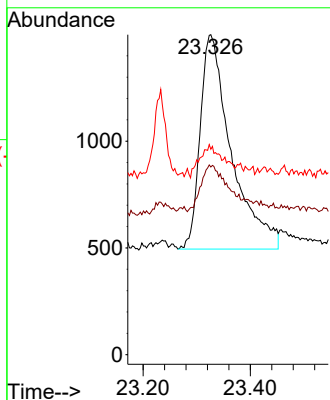


#26
Benzo(a)pyrene
Concen: 0.104 ng/ul
RT: 23.326 min Scan# 4832
Delta R.T. 0.016 min
Lab File: BN032626.D
Acq: 11 Jul 2024 09:16

Instrument :
BNA_N
ClientSampleId :
SSTD0.1237

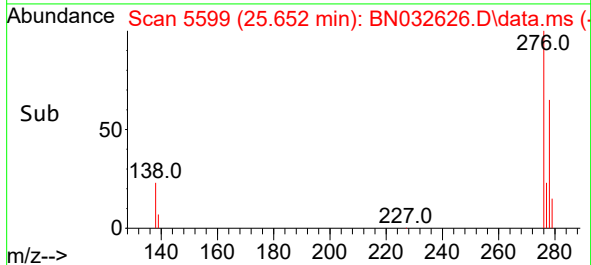
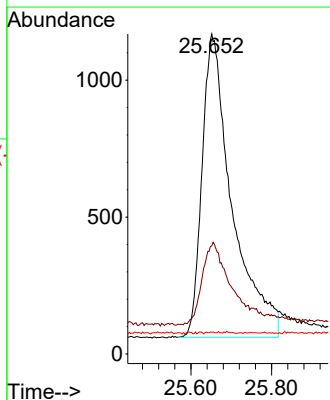
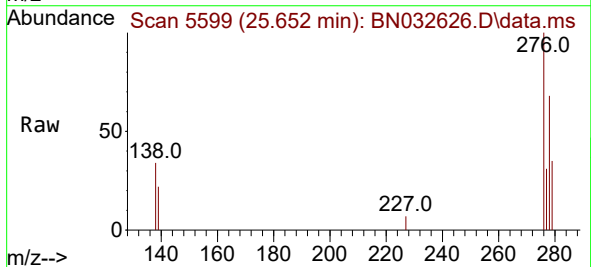


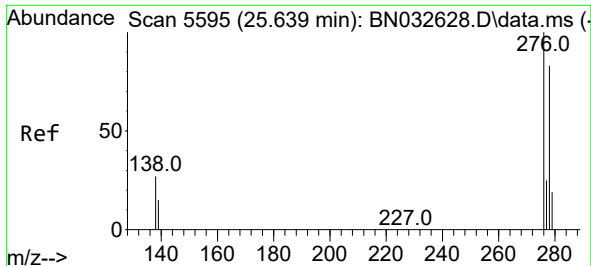
Tgt Ion:252 Resp: 4051
Ion Ratio Lower Upper
252 100
253 58.6 25.4 38.0#
125 64.2 20.6 30.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.108 ng/ul
RT: 25.652 min Scan# 5599
Delta R.T. 0.026 min
Lab File: BN032626.D
Acq: 11 Jul 2024 09:16

Tgt Ion:276 Resp: 5711
Ion Ratio Lower Upper
276 100
138 27.6 21.6 32.4
227 0.1 0.0 0.0#

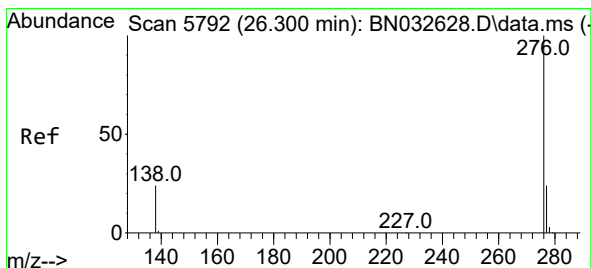
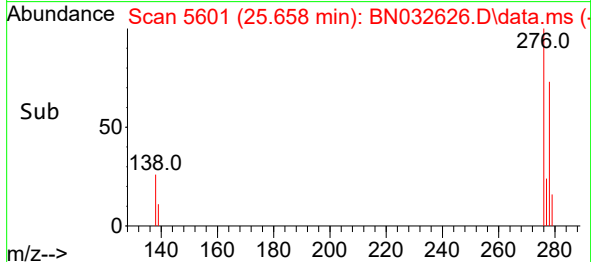
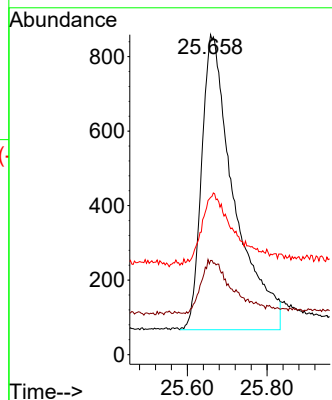
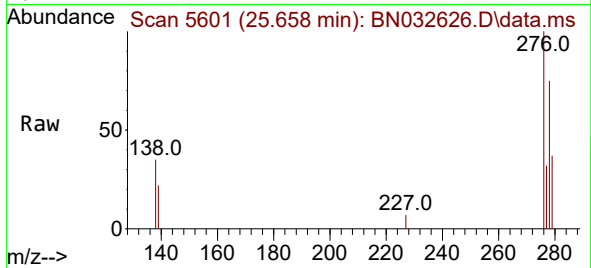




#28
Dibenzo(a,h)anthracene
Concen: 0.110 ng/ul
RT: 25.658 min Scan# 51
Delta R.T. 0.019 min
Lab File: BN032626.D
Acq: 11 Jul 2024 09:16

Instrument :
BNA_N
ClientSampleId :
SSTD0.1237

Tgt Ion:278 Resp: 4480
Ion Ratio Lower Upper
278 100
139 29.5 16.6 24.8#
279 49.1 23.7 35.5#



#29
Benzo(g,h,i)perylene
Concen: 0.115 ng/ul
RT: 26.319 min Scan# 5798
Delta R.T. 0.019 min
Lab File: BN032626.D
Acq: 11 Jul 2024 09:16

Tgt Ion:276 Resp: 5058
Ion Ratio Lower Upper
276 100
138 33.8 21.0 31.4#
277 31.7 20.6 31.0#

