

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032627.D
 Acq On : 11 Jul 2024 09:52
 Operator : MA/JU
 Sample : SST0.208
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.2238

Quant Time: Jul 12 01:32:18 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)

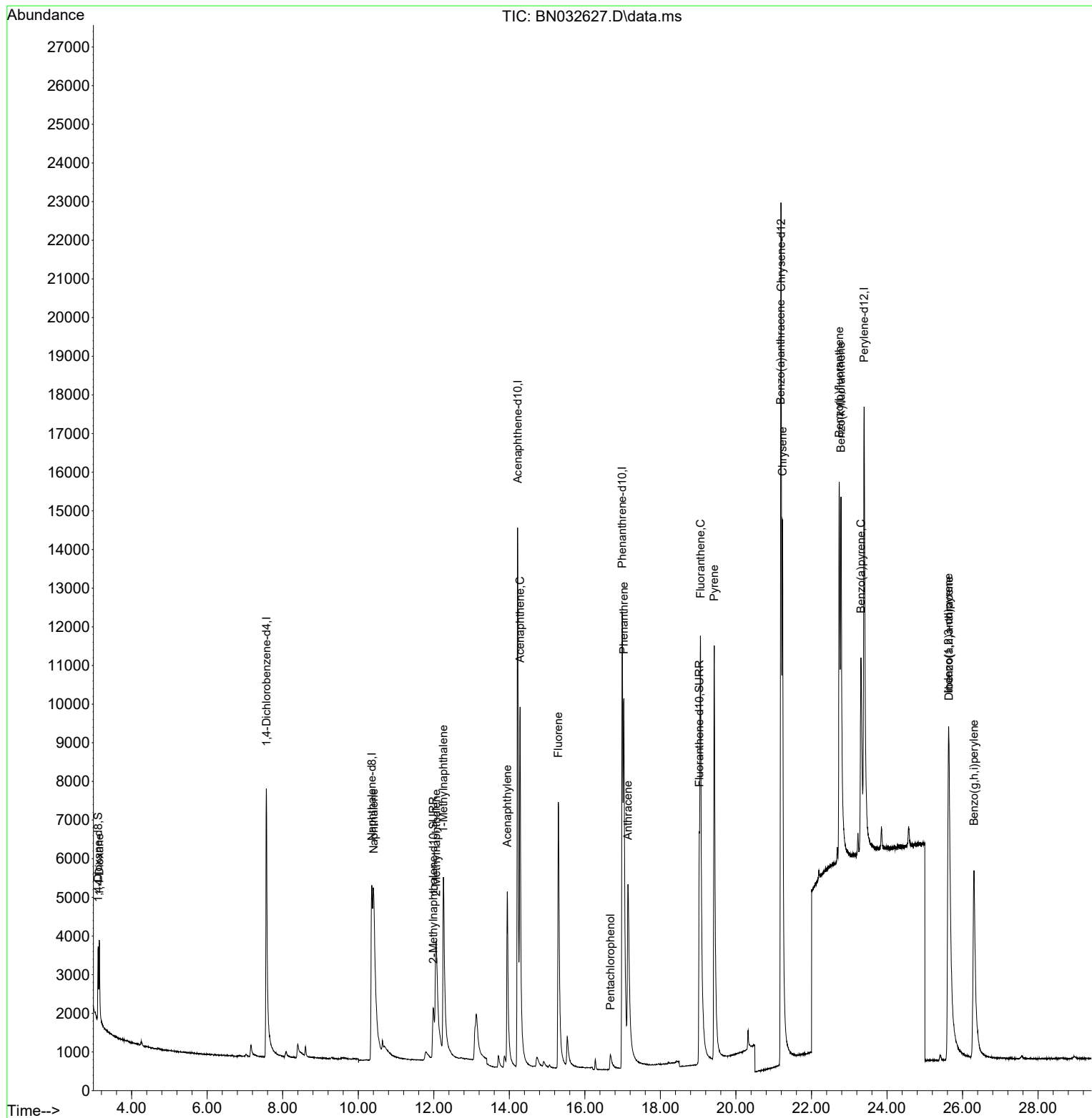
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	6061	0.400	ng/ul	0.00
4) Naphthalene-d8	10.359	136	17720	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.219	164	11432	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.989	188	25737	0.400	ng/ul	0.00
17) Chrysene-d12	21.196	240	20097	0.400	ng/ul	0.00
23) Perylene-d12	23.393	264	21180	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.114	96	1476	0.184	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.986	152	5042	0.198	ng/ul	0.02
18) Fluoranthene-d10	19.030	212	13063	0.212	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.143	88	1766	0.193	ng/ul	89
5) Naphthalene	10.414	128	9465	0.207	ng/ul	98
7) 2-Methylnaphthalene	12.063	142	5696	0.194	ng/ul	98
8) 1-Methylnaphthalene	12.256	142	5957	0.191	ng/ul	98
10) Acenaphthylene	13.946	152	9077	0.197	ng/ul	98
11) Acenaphthene	14.284	153	7628	0.200	ng/ul	99
12) Fluorene	15.297	166	8631	0.198	ng/ul	100
14) Pentachlorophenol	16.677	266	805	0.178	ng/ul	97
15) Phenanthrene	17.032	178	13583	0.194	ng/ul	99
16) Anthracene	17.141	178	10923	0.191	ng/ul	99
19) Fluoranthene	19.063	202	16214	0.211	ng/ul	100
20) Pyrene	19.425	202	16894	0.209	ng/ul	99
21) Benzo(a)anthracene	21.184	228	12394	0.194	ng/ul	100
22) Chrysene	21.234	228	19162	0.226	ng/ul	100
24) Benzo(b)fluoranthene	22.735	252	14622	0.196	ng/ul	95
25) Benzo(k)fluoranthene	22.782	252	17566	0.223	ng/ul	95
26) Benzo(a)pyrene	23.311	252	12696	0.196	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.628	276	17380	0.198	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.642	278	13401	0.197	ng/ul	95
29) Benzo(g,h,i)perylene	26.302	276	14699	0.201	ng/ul	99

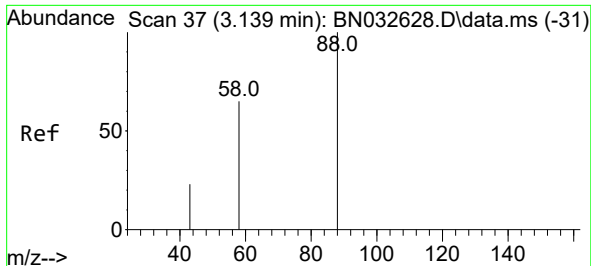
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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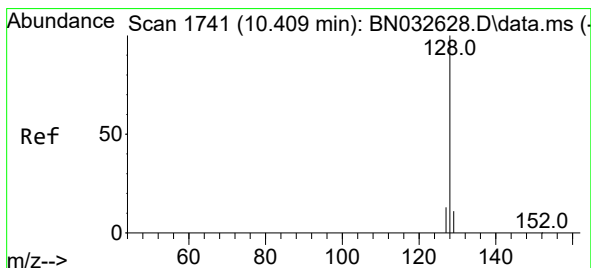
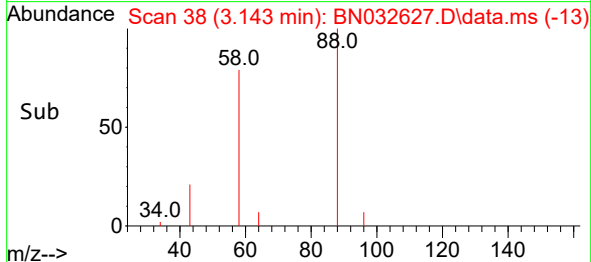
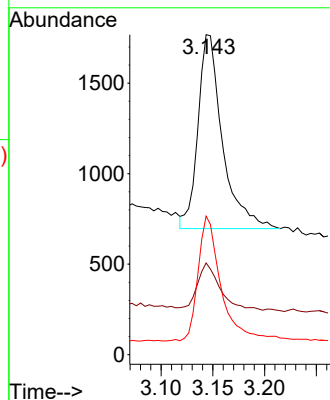
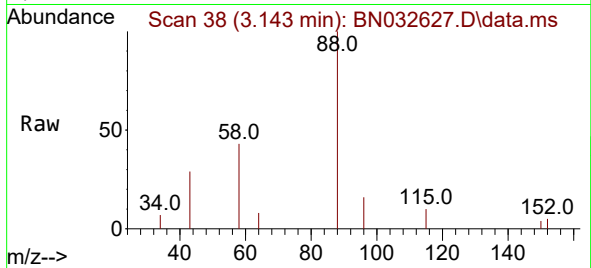




#2
1,4-Dioxane
Concen: 0.193 ng/ul
RT: 3.143 min Scan# 31
Delta R.T. 0.004 min
Lab File: BN032627.D
Acq: 11 Jul 2024 09:52

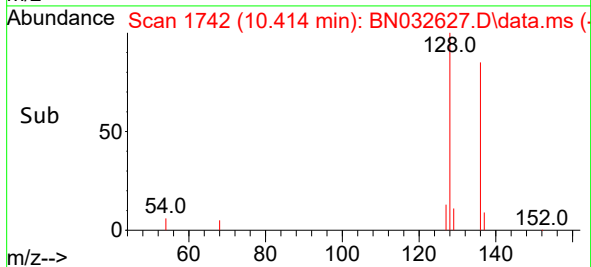
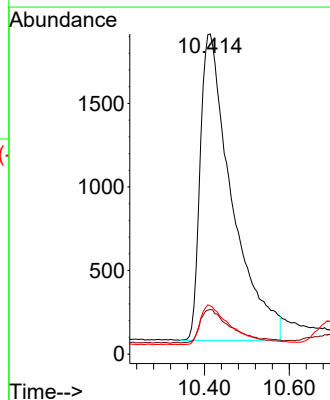
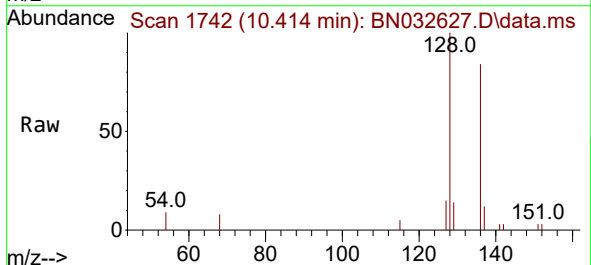
Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

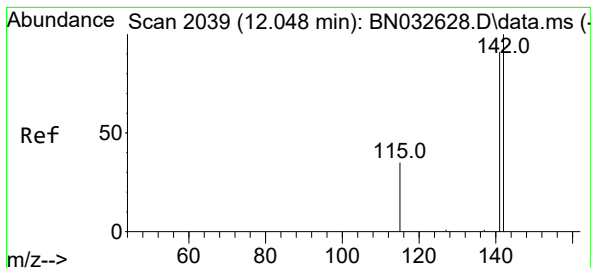
Tgt Ion: 88 Resp: 1766
Ion Ratio Lower Upper
88 100
43 28.7 24.0 36.0
58 43.3 43.3 64.9



#5
Naphthalene
Concen: 0.207 ng/ul
RT: 10.414 min Scan# 1742
Delta R.T. 0.004 min
Lab File: BN032627.D
Acq: 11 Jul 2024 09:52

Tgt Ion: 128 Resp: 9465
Ion Ratio Lower Upper
128 100
129 13.9 10.0 15.0
127 15.1 11.6 17.4

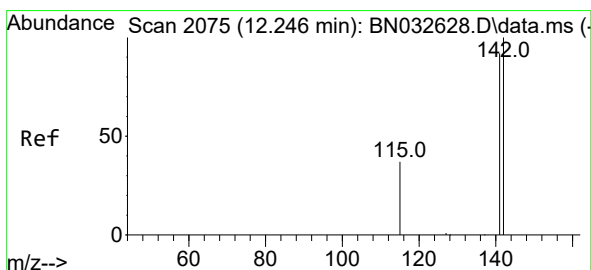
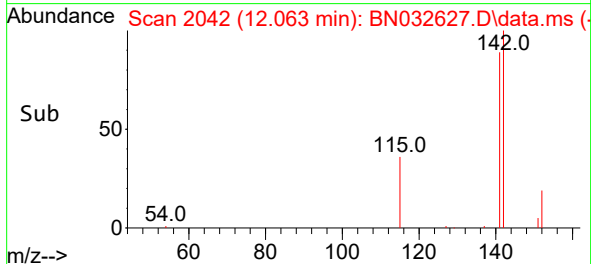
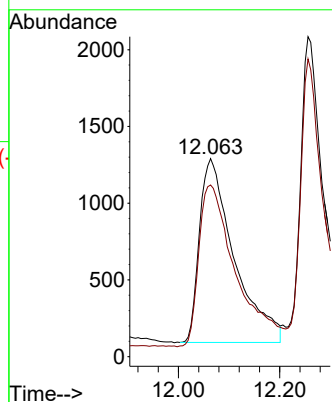
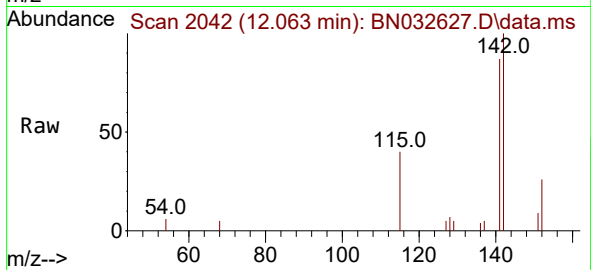




#7
2-Methylnaphthalene
Concen: 0.194 ng/ul
RT: 12.063 min Scan# 2042
Delta R.T. 0.015 min
Lab File: BN032627.D
Acq: 11 Jul 2024 09:52

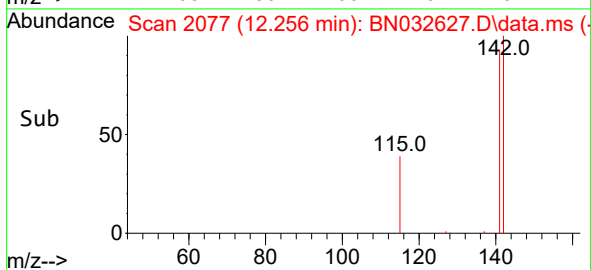
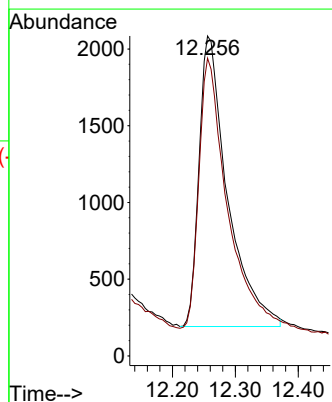
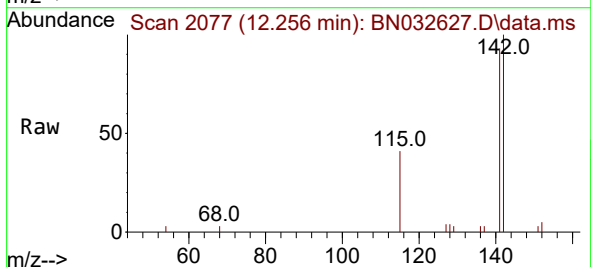
Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

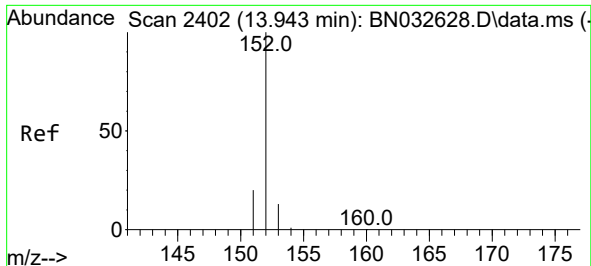
Tgt Ion:142 Resp: 5696
Ion Ratio Lower Upper
142 100
141 94.5 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.191 ng/ul
RT: 12.256 min Scan# 2077
Delta R.T. 0.010 min
Lab File: BN032627.D
Acq: 11 Jul 2024 09:52

Tgt Ion:142 Resp: 5957
Ion Ratio Lower Upper
142 100
141 92.2 75.0 112.4

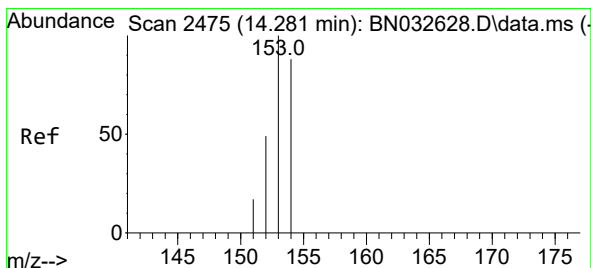
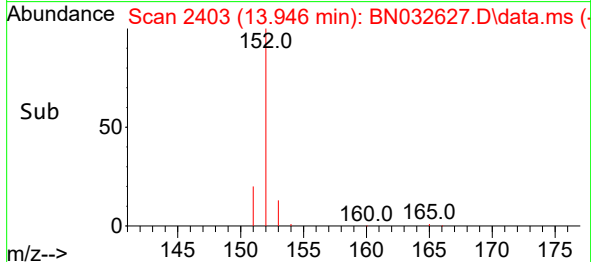
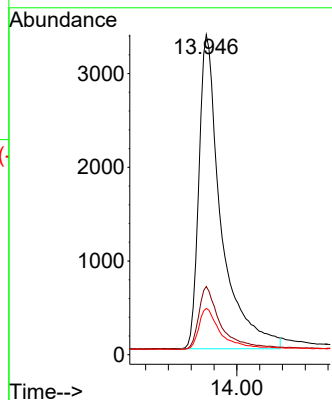
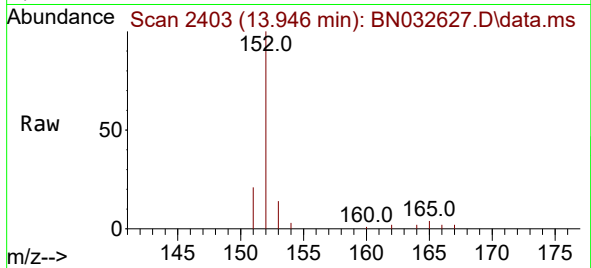




#10
Acenaphthylene
Concen: 0.197 ng/ul
RT: 13.946 min Scan# 2403
Delta R.T. 0.003 min
Lab File: BN032627.D
Acq: 11 Jul 2024 09:52

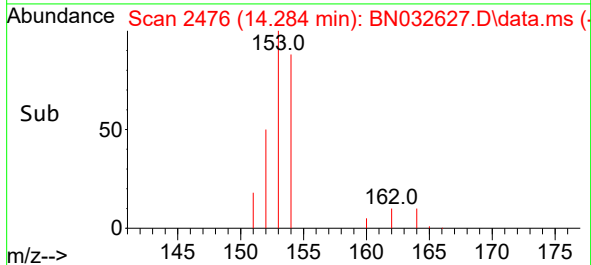
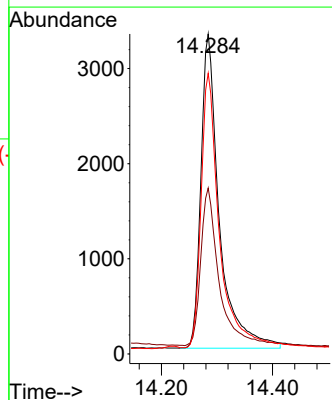
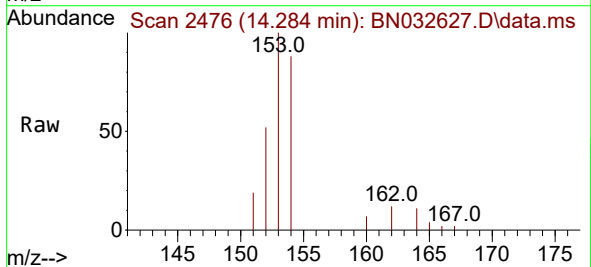
Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

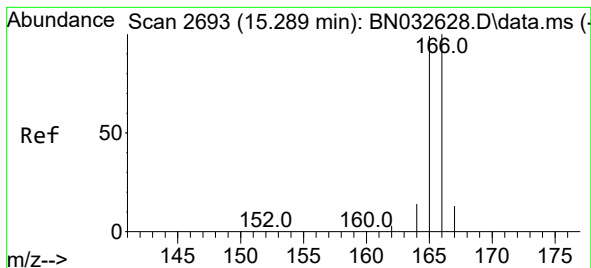
Tgt Ion:152 Resp: 9077
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 14.5 11.3 16.9



#11
Acenaphthene
Concen: 0.200 ng/ul
RT: 14.284 min Scan# 2476
Delta R.T. 0.003 min
Lab File: BN032627.D
Acq: 11 Jul 2024 09:52

Tgt Ion:153 Resp: 7628
Ion Ratio Lower Upper
153 100
152 51.8 40.0 60.0
154 87.7 70.2 105.4





#12

Fluorene

Concen: 0.198 ng/ul

RT: 15.297 min Scan# 2

Delta R.T. 0.008 min

Lab File: BN032627.D

Acq: 11 Jul 2024 09:52

Instrument :

BNA_N

ClientSampleId :

SSTD0.2238

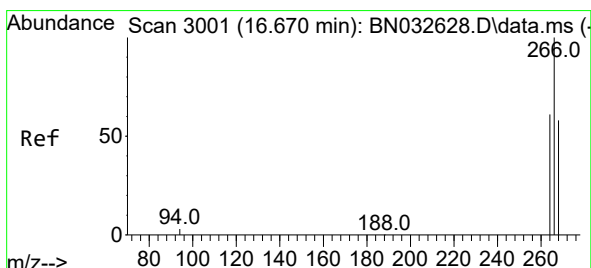
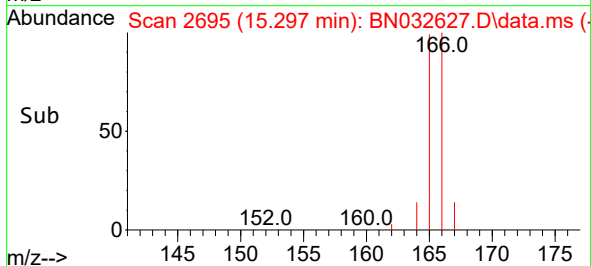
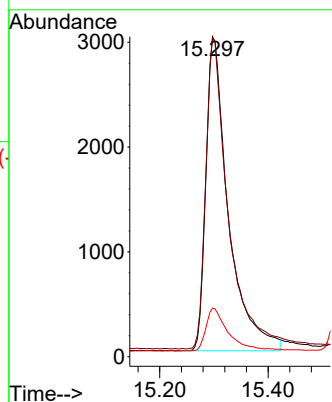
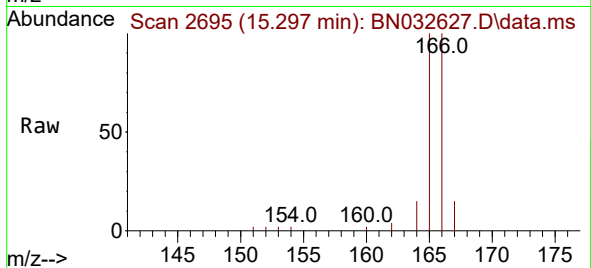
Tgt Ion:166 Resp: 8631

Ion Ratio Lower Upper

166 100

165 99.8 79.7 119.5

167 15.1 11.4 17.2



#14

Pentachlorophenol

Concen: 0.178 ng/ul

RT: 16.677 min Scan# 3003

Delta R.T. 0.007 min

Lab File: BN032627.D

Acq: 11 Jul 2024 09:52

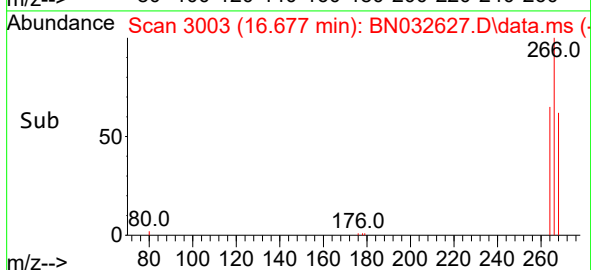
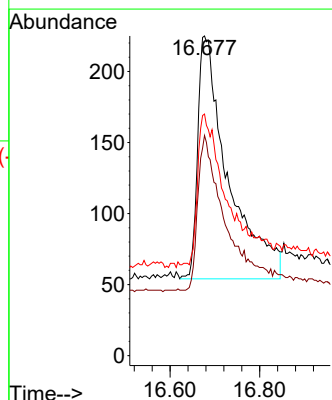
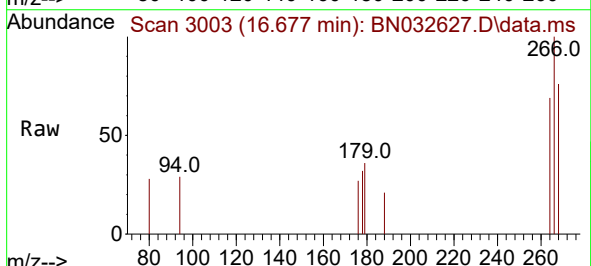
Tgt Ion:266 Resp: 805

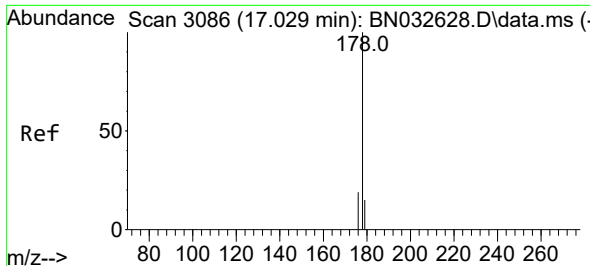
Ion Ratio Lower Upper

266 100

264 60.4 49.4 74.2

268 60.9 51.6 77.4

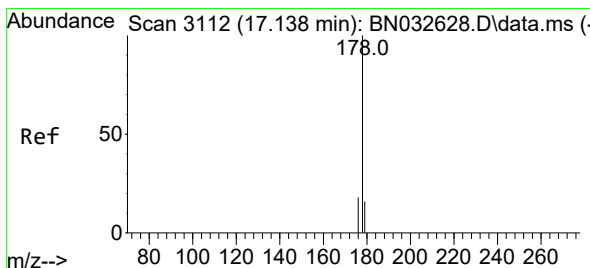
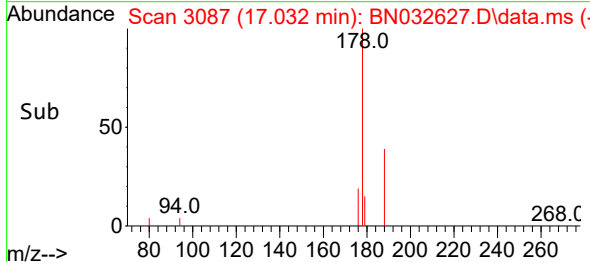
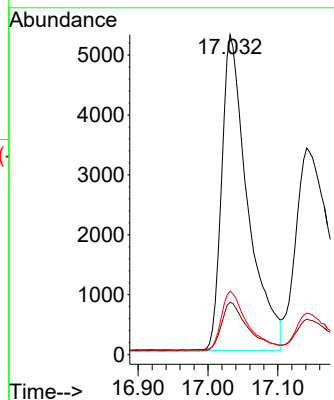
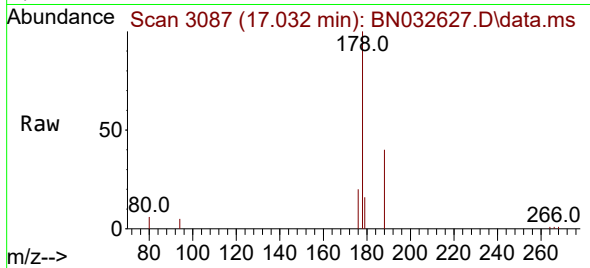




#15
Phenanthrene
Concen: 0.194 ng/ul
RT: 17.032 min Scan# 3087
Delta R.T. 0.003 min
Lab File: BN032627.D
Acq: 11 Jul 2024 09:52

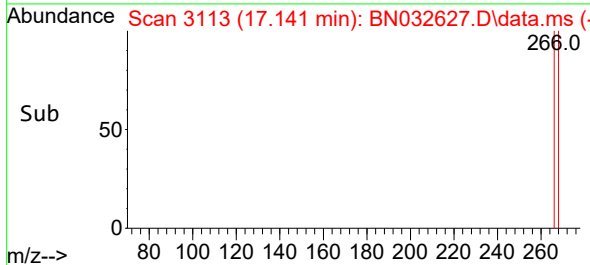
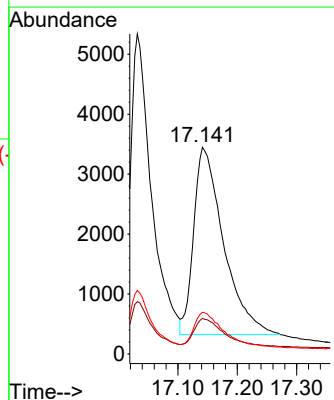
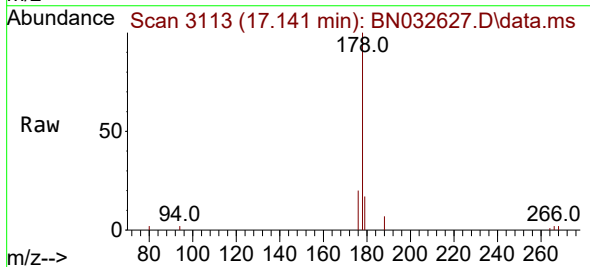
Instrument :
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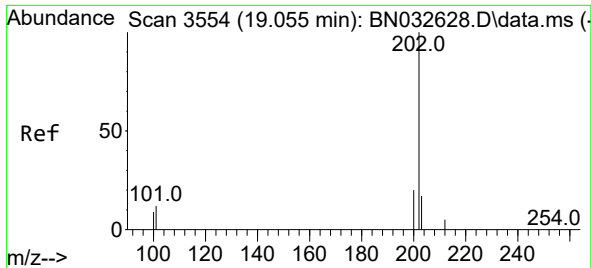
Tgt Ion:178 Resp: 13583
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.4
176 19.9 15.6 23.4



#16
Anthracene
Concen: 0.191 ng/ul
RT: 17.141 min Scan# 3113
Delta R.T. 0.003 min
Lab File: BN032627.D
Acq: 11 Jul 2024 09:52

Tgt Ion:178 Resp: 10923
Ion Ratio Lower Upper
178 100
179 17.2 13.4 20.2
176 20.1 15.4 23.0

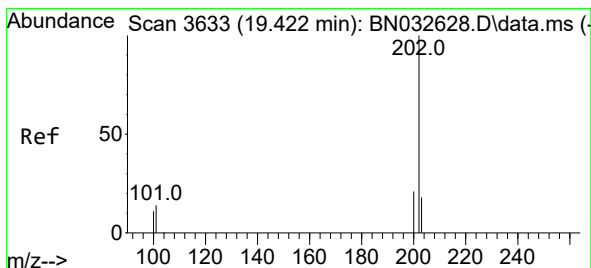
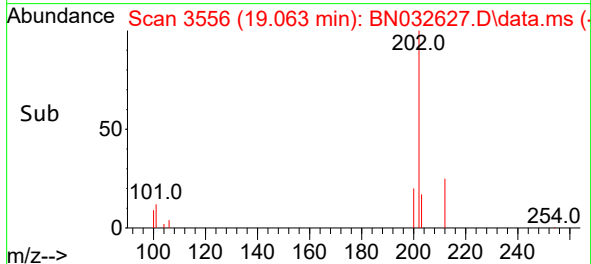
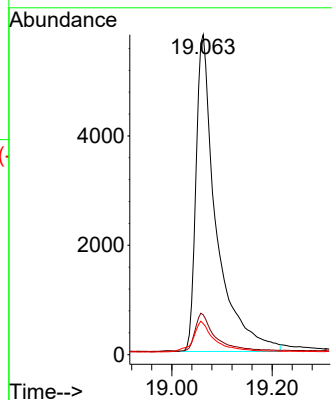
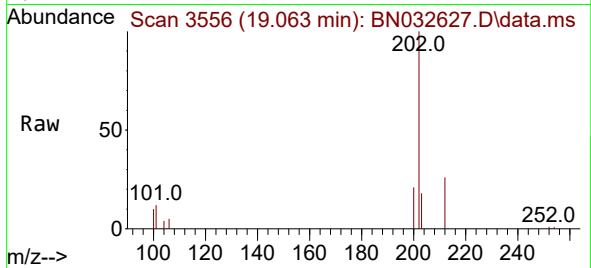




#19
Fluoranthene
Concen: 0.211 ng/ul
RT: 19.063 min Scan# 3556
Delta R.T. 0.008 min
Lab File: BN032627.D
Acq: 11 Jul 2024 09:52

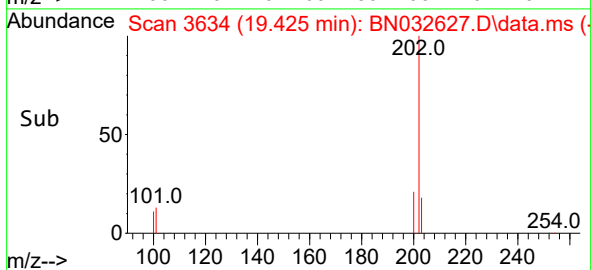
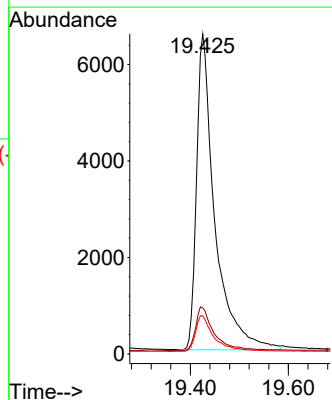
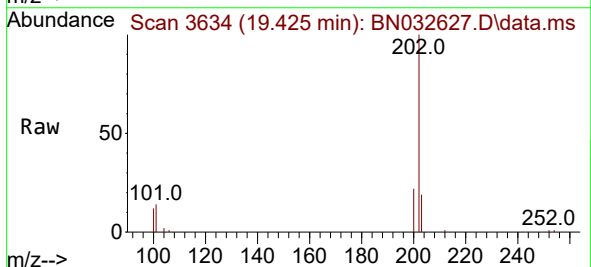
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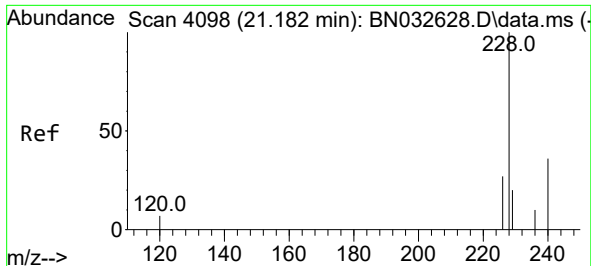
Tgt Ion:202 Resp: 16214
Ion Ratio Lower Upper
202 100
101 12.4 9.8 14.8
100 9.7 7.9 11.9



#20
Pyrene
Concen: 0.209 ng/ul
RT: 19.425 min Scan# 3634
Delta R.T. 0.003 min
Lab File: BN032627.D
Acq: 11 Jul 2024 09:52

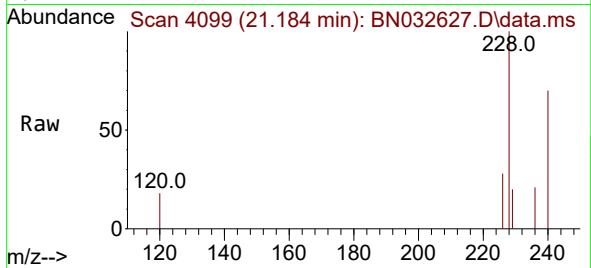
Tgt Ion:202 Resp: 16894
Ion Ratio Lower Upper
202 100
101 14.4 11.8 17.6
100 11.9 9.6 14.4



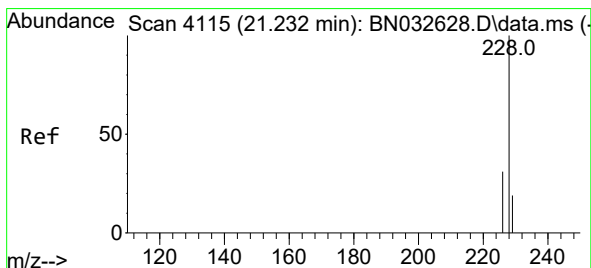
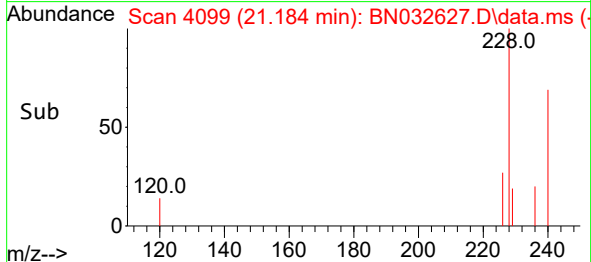
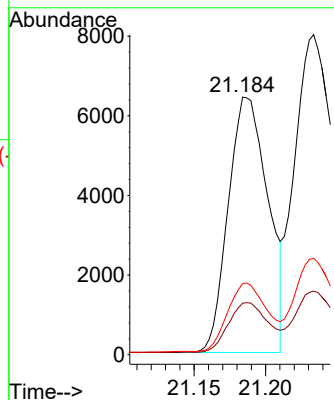


#21
Benzo(a)anthracene
Concen: 0.194 ng/ul
RT: 21.184 min Scan# 4098
Delta R.T. 0.002 min
Lab File: BN032627.D
Acq: 11 Jul 2024 09:52

Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

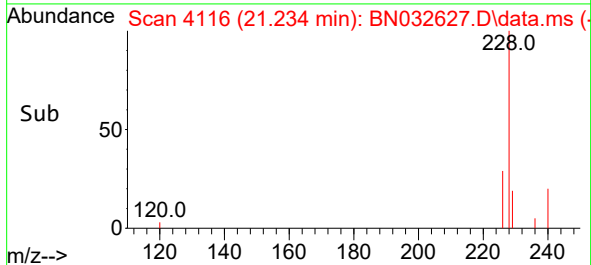
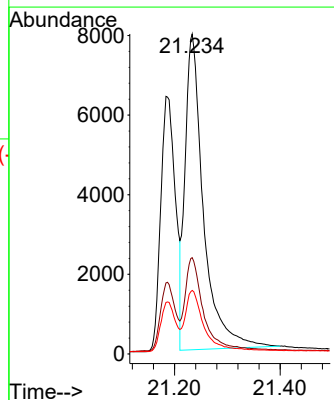
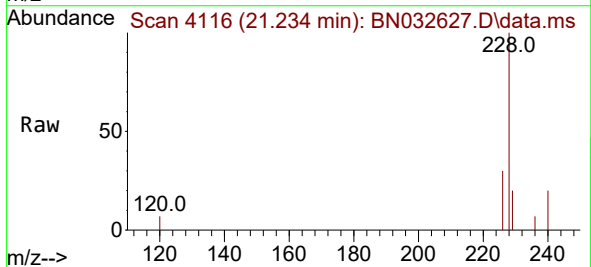


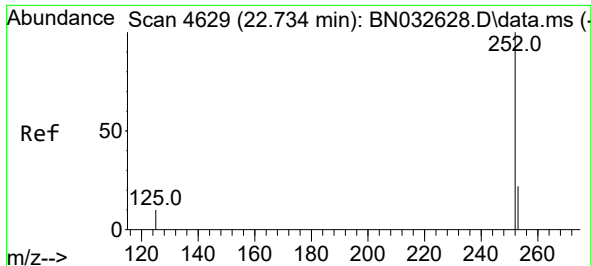
Tgt Ion:228 Resp: 12394
Ion Ratio Lower Upper
228 100
229 20.0 16.1 24.1
226 27.5 21.9 32.9



#22
Chrysene
Concen: 0.226 ng/ul
RT: 21.234 min Scan# 4116
Delta R.T. 0.002 min
Lab File: BN032627.D
Acq: 11 Jul 2024 09:52

Tgt Ion:228 Resp: 19162
Ion Ratio Lower Upper
228 100
226 30.1 24.0 36.0
229 19.8 15.8 23.6

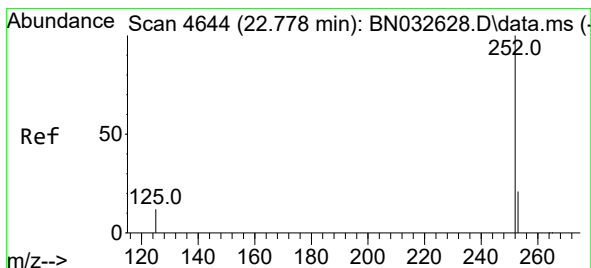
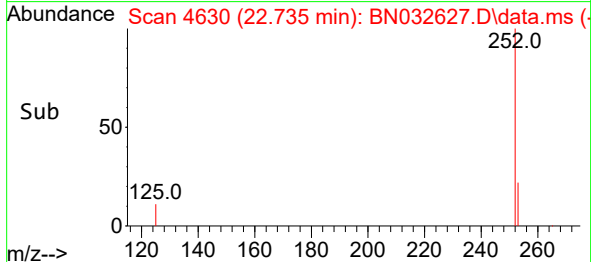
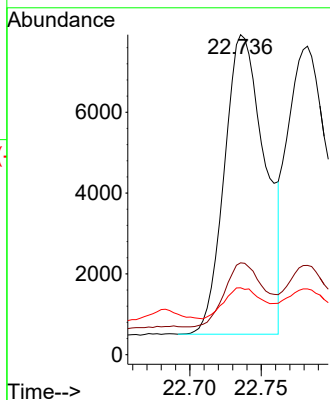
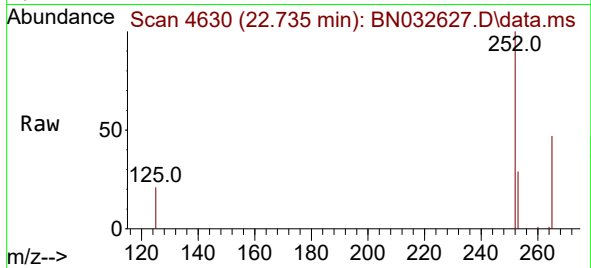




#24
Benzo(b)fluoranthene
Concen: 0.196 ng/ul
RT: 22.735 min Scan# 4629
Delta R.T. 0.002 min
Lab File: BN032627.D
Acq: 11 Jul 2024 09:52

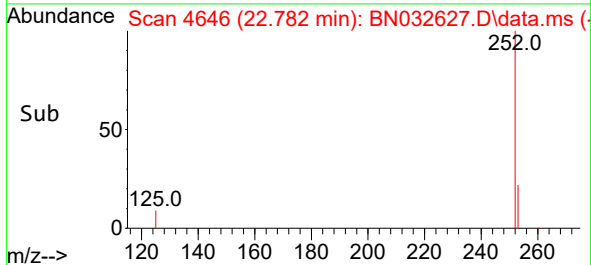
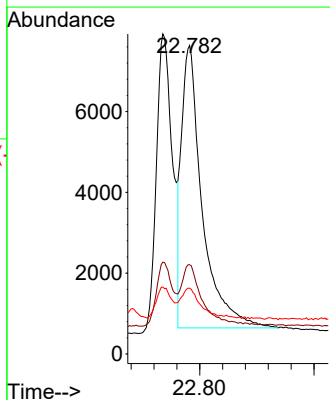
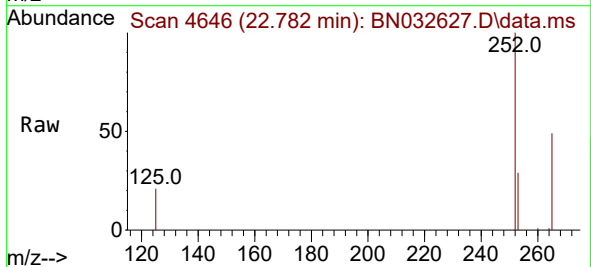
Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

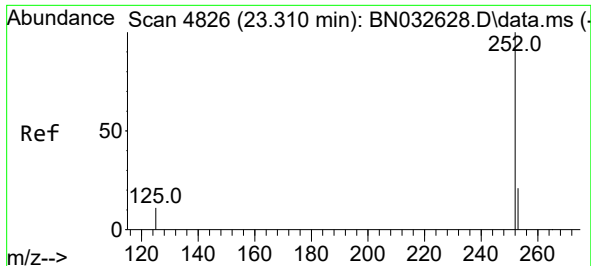
Tgt Ion:252 Resp: 14622
Ion Ratio Lower Upper
252 100
253 28.7 0.0 54.0
125 20.9 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.223 ng/ul
RT: 22.782 min Scan# 4646
Delta R.T. 0.005 min
Lab File: BN032627.D
Acq: 11 Jul 2024 09:52

Tgt Ion:252 Resp: 17566
Ion Ratio Lower Upper
252 100
253 29.0 21.2 31.8
125 21.3 14.8 22.2

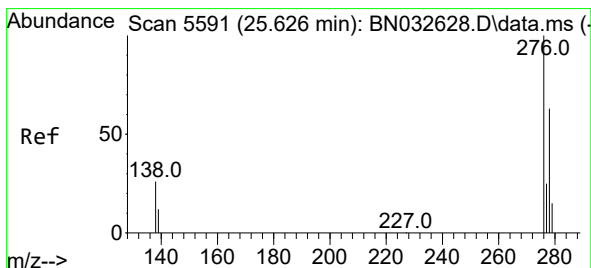
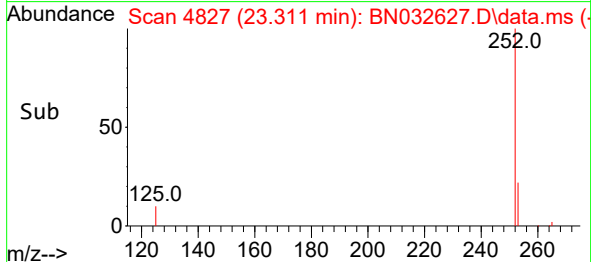
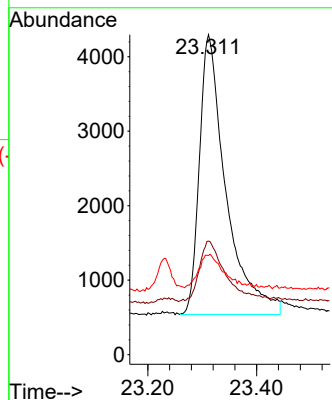
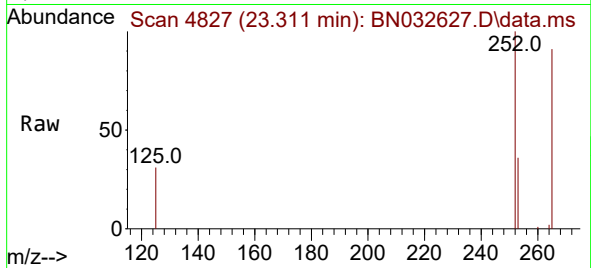




#26
Benzo(a)pyrene
Concen: 0.196 ng/ul
RT: 23.311 min Scan# 4826
Delta R.T. 0.002 min
Lab File: BN032627.D
Acq: 11 Jul 2024 09:52

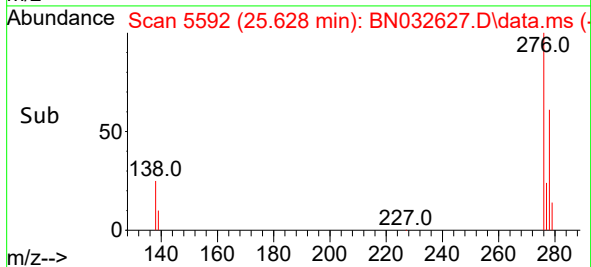
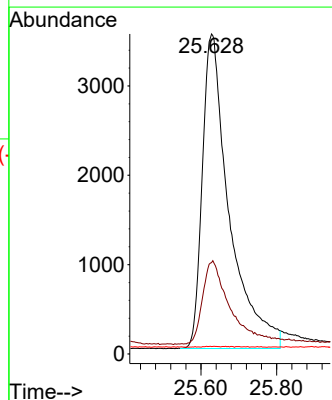
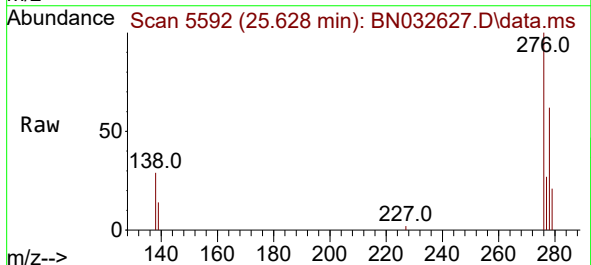
Instrument :
BNA_N
ClientSampleId :
SSTD0.2238

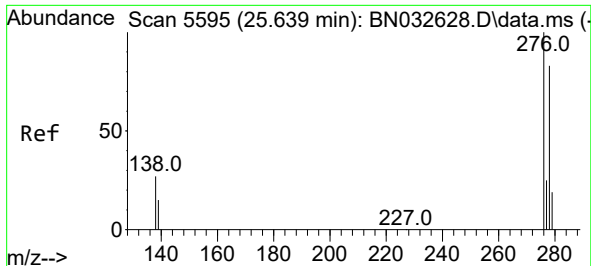
Tgt Ion:252 Resp: 12696
Ion Ratio Lower Upper
252 100
253 35.5 25.4 38.0
125 31.0 20.6 30.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.198 ng/ul
RT: 25.628 min Scan# 5592
Delta R.T. 0.002 min
Lab File: BN032627.D
Acq: 11 Jul 2024 09:52

Tgt Ion:276 Resp: 17380
Ion Ratio Lower Upper
276 100
138 27.1 21.6 32.4
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.197 ng/ul

RT: 25.642 min Scan# 51

Delta R.T. 0.002 min

Lab File: BN032627.D

Acq: 11 Jul 2024 09:52

Instrument :

BNA_N

ClientSampleId :

SSTD0.2238

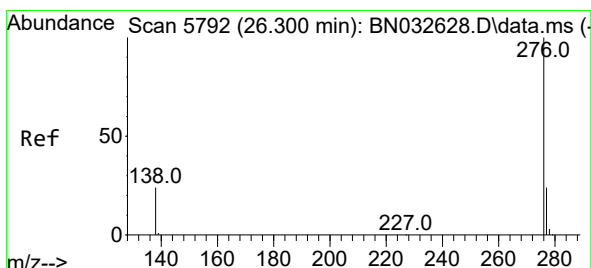
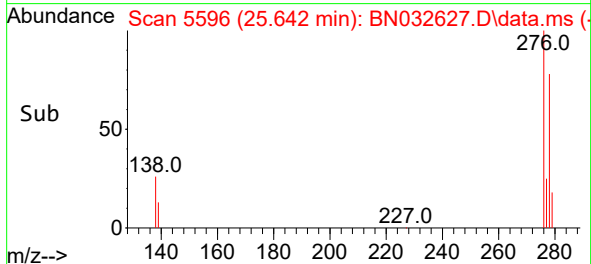
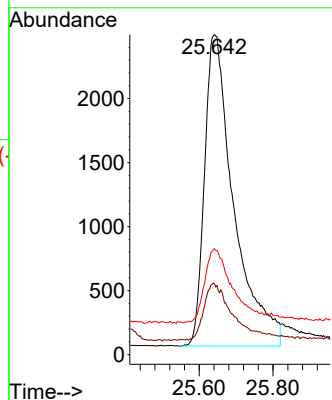
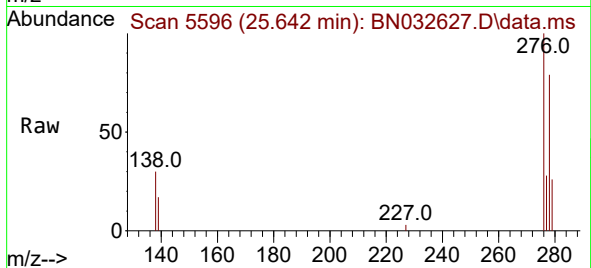
Tgt Ion:278 Resp: 13401

Ion Ratio Lower Upper

278 100

139 22.1 16.6 24.8

279 33.1 23.7 35.5



#29

Benzo(g,h,i)perylene

Concen: 0.201 ng/ul

RT: 26.302 min Scan# 5793

Delta R.T. 0.002 min

Lab File: BN032627.D

Acq: 11 Jul 2024 09:52

Tgt Ion:276 Resp: 14699

Ion Ratio Lower Upper

276 100

138 26.6 21.0 31.4

277 26.0 20.6 31.0

