

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
 Data File : BN033029.D
 Acq On : 27 Jul 2024 11:42
 Operator : MA/JU
 Sample : PB162216BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS216

Quant Time: Jul 28 22:57:59 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)

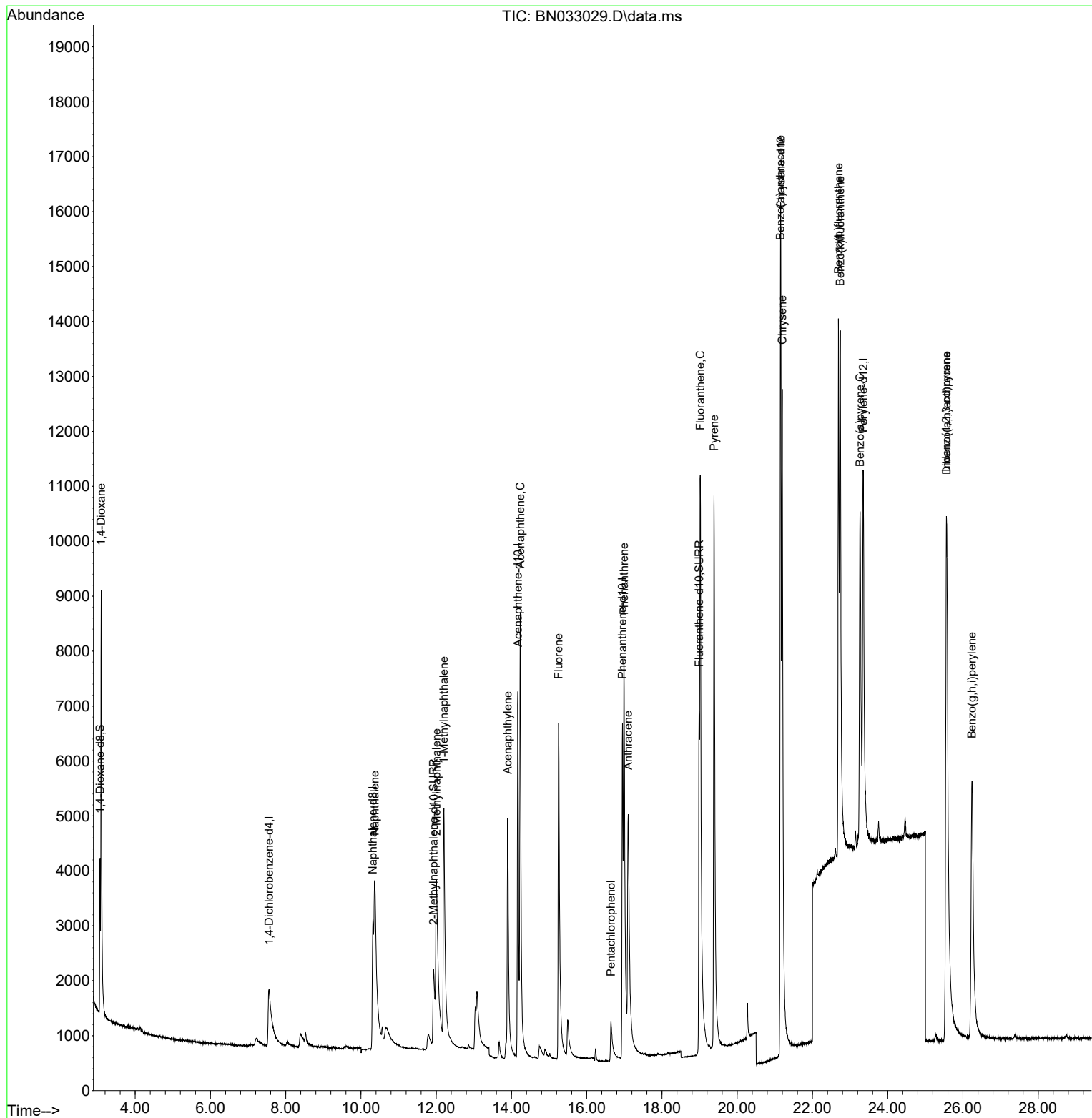
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.554	152	1981	0.400	ng/ul	0.03
4) Naphthalene-d8	10.317	136	8703	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.171	164	5774	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.949	188	12264	0.400	ng/ul	0.00
17) Chrysene-d12	21.160	240	10997	0.400	ng/ul	# 0.00
23) Perylene-d12	23.352	264	12564	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	2040	0.814	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.928	152	4990	0.351	ng/ul	0.02
18) Fluoranthene-d10	18.986	212	12533	0.403	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.094	88	6024	2.109	ng/ul#	65
5) Naphthalene	10.366	128	8303	0.372	ng/ul	98
7) 2-Methylnaphthalene	12.005	142	5283	0.349	ng/ul	98
8) 1-Methylnaphthalene	12.203	142	5624	0.344	ng/ul	99
10) Acenaphthylene	13.898	152	8466	0.358	ng/ul	98
11) Acenaphthene	14.236	153	7180	0.404	ng/ul	100
12) Fluorene	15.253	166	7614	0.368	ng/ul	99
14) Pentachlorophenol	16.646	266	1255	0.503	ng/ul	99
15) Phenanthrene	16.992	178	11523	0.350	ng/ul	100
16) Anthracene	17.101	178	9763	0.330	ng/ul	99
19) Fluoranthene	19.019	202	14622	0.404	ng/ul	100
20) Pyrene	19.386	202	15499	0.399	ng/ul	99
21) Benzo(a)anthracene	21.148	228	12413	0.331	ng/ul	99
22) Chrysene	21.198	228	17472	0.399	ng/ul	98
24) Benzo(b)fluoranthene	22.691	252	14190	0.387	ng/ul	92
25) Benzo(k)fluoranthene	22.738	252	17714	0.403	ng/ul#	91
26) Benzo(a)pyrene	23.264	252	14231	0.412	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.560	276	17209	0.328	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.564	278	13492	0.324	ng/ul	95
29) Benzo(g,h,i)perylene	26.238	276	13859	0.332	ng/ul	96

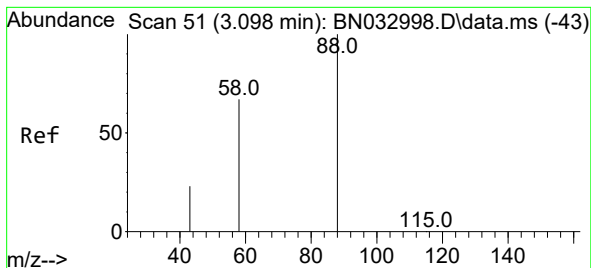
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 2.109 ng/ul

RT: 3.094 min Scan# 50

Delta R.T. -0.008 min

Lab File: BN033029.D

Acq: 27 Jul 2024 11:42

Instrument :

BNA_N

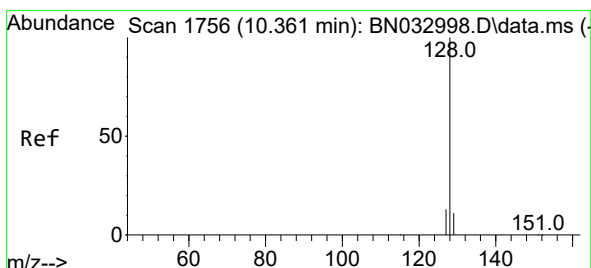
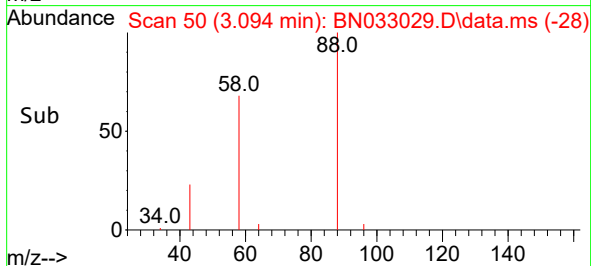
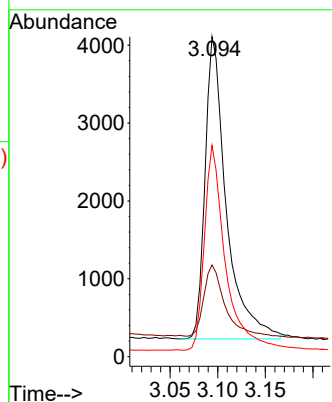
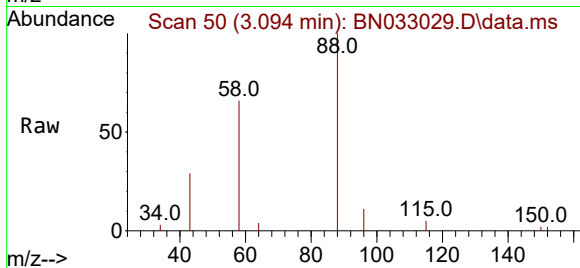
ClientSampleId :

SLCS216

Tgt Ion: 88 Resp: 6024

Ion Ratio Lower Upper

88	100		
43	28.6	63.4	95.2#
58	66.0	49.4	74.0



#5

Naphthalene

Concen: 0.372 ng/ul

RT: 10.366 min Scan# 1757

Delta R.T. 0.017 min

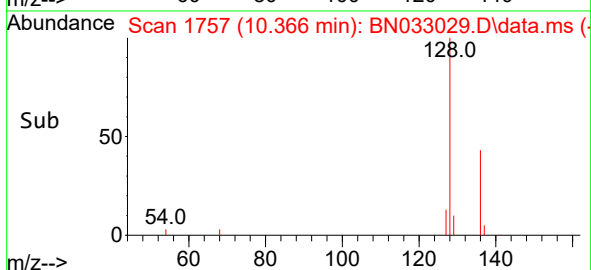
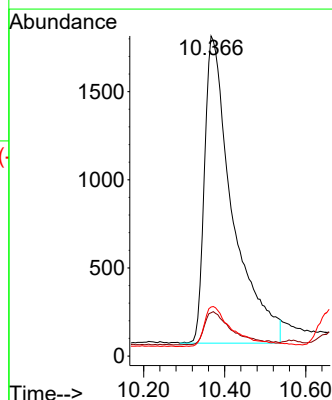
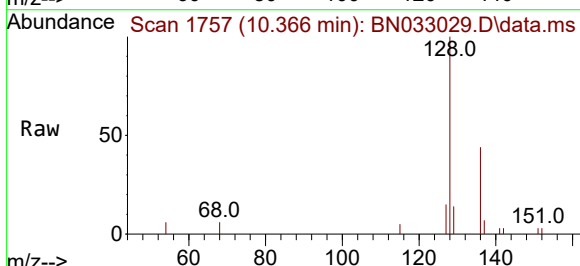
Lab File: BN033029.D

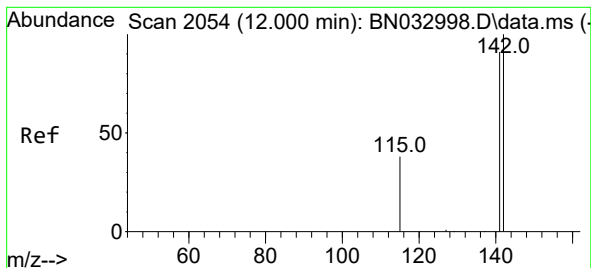
Acq: 27 Jul 2024 11:42

Tgt Ion: 128 Resp: 8303

Ion Ratio Lower Upper

128	100		
129	13.5	12.0	18.0
127	15.3	12.7	19.1

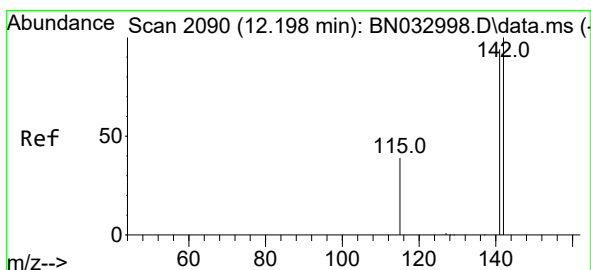
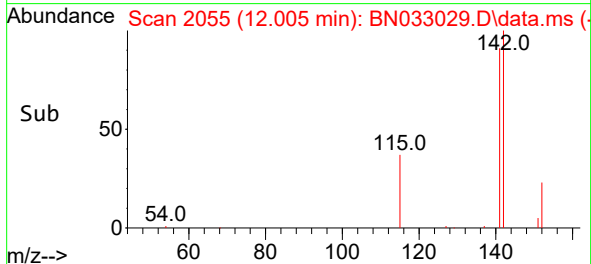
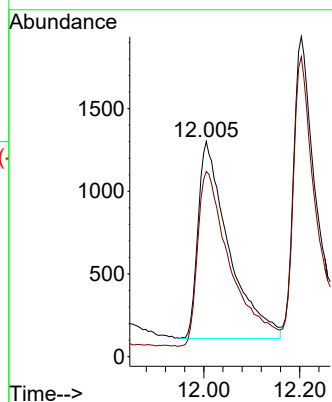
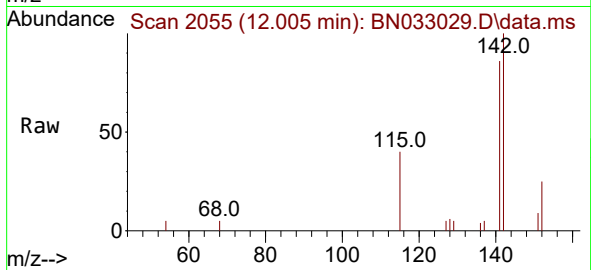




#7
2-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.005 min Scan# 2055
Delta R.T. 0.022 min
Lab File: BN033029.D
Acq: 27 Jul 2024 11:42

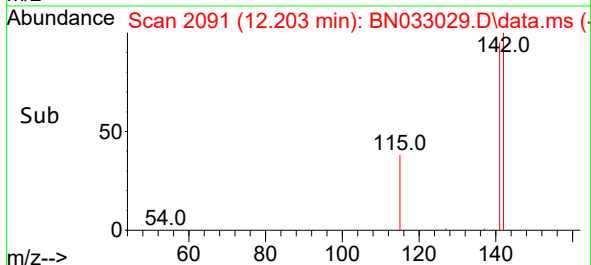
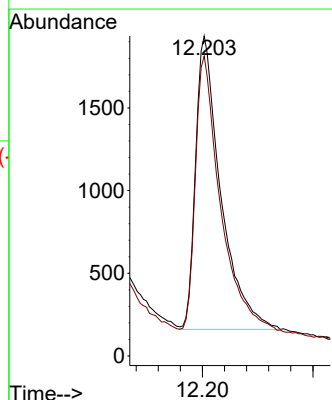
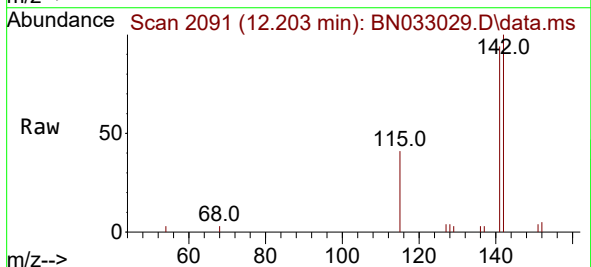
Instrument :
BNA_N
ClientSampleId :
SLCS216

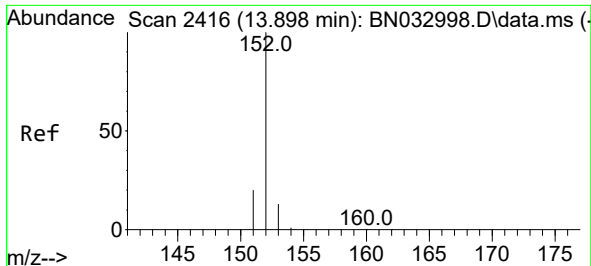
Tgt Ion:142 Resp: 5283
Ion Ratio Lower Upper
142 100
141 96.4 75.2 112.8



#8
1-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.203 min Scan# 2091
Delta R.T. 0.006 min
Lab File: BN033029.D
Acq: 27 Jul 2024 11:42

Tgt Ion:142 Resp: 5624
Ion Ratio Lower Upper
142 100
141 93.7 74.3 111.5

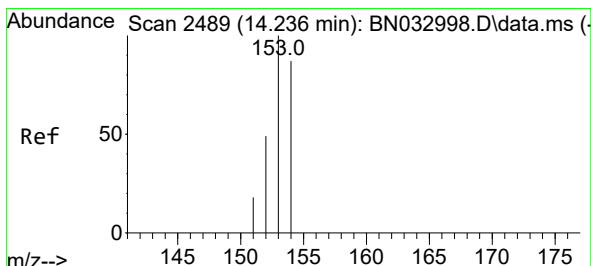
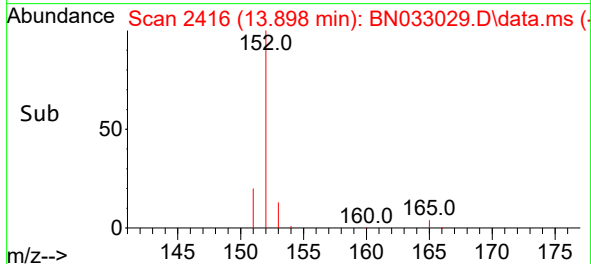
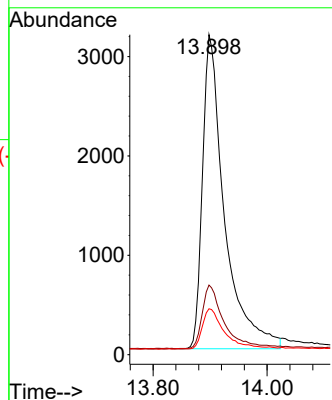
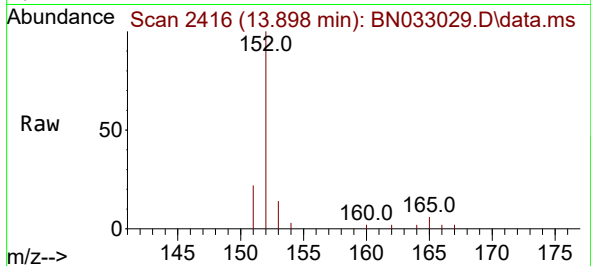




#10
Acenaphthylene
Concen: 0.358 ng/ul
RT: 13.898 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BN033029.D
Acq: 27 Jul 2024 11:42

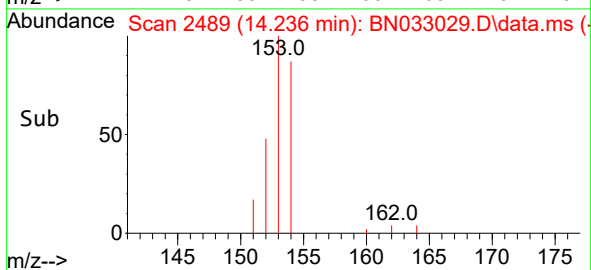
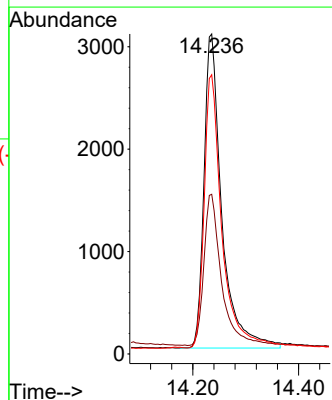
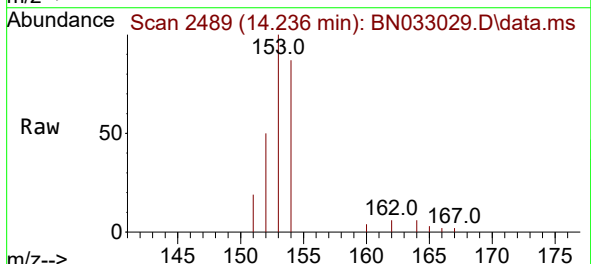
Instrument :
BNA_N
ClientSampleId :
SLCS216

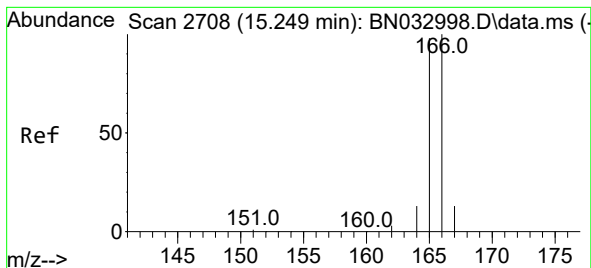
Tgt Ion:152 Resp: 8466
Ion Ratio Lower Upper
152 100
151 21.7 16.8 25.2
153 14.3 11.9 17.9



#11
Acenaphthene
Concen: 0.404 ng/ul
RT: 14.236 min Scan# 2489
Delta R.T. 0.000 min
Lab File: BN033029.D
Acq: 27 Jul 2024 11:42

Tgt Ion:153 Resp: 7180
Ion Ratio Lower Upper
153 100
152 49.9 40.0 60.0
154 87.3 70.1 105.1





#12

Fluorene

Concen: 0.368 ng/ul

RT: 15.253 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN033029.D

Acq: 27 Jul 2024 11:42

Instrument :

BNA_N

ClientSampleId :

SLCS216

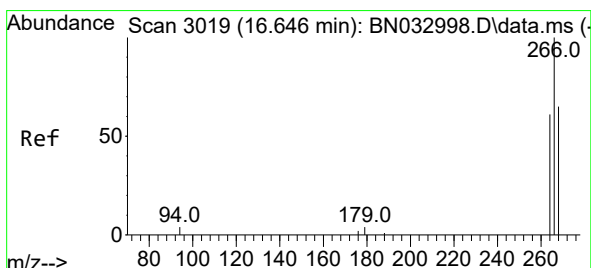
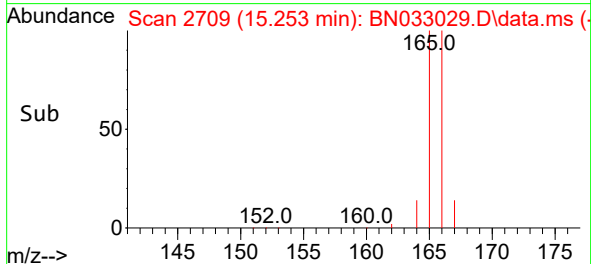
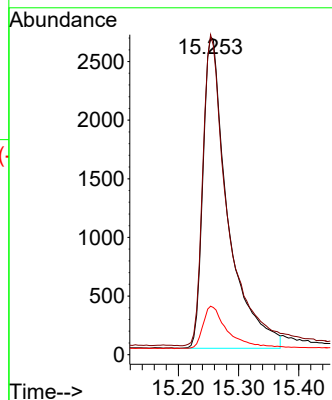
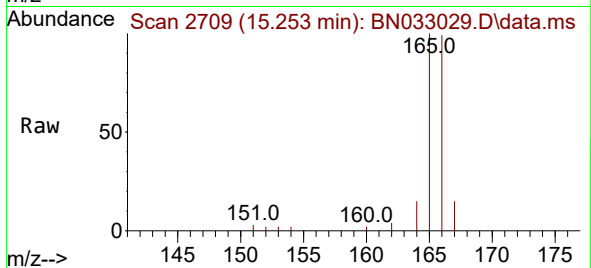
Tgt Ion:166 Resp: 7614

Ion Ratio Lower Upper

166 100

165 100.7 79.6 119.4

167 15.3 12.2 18.4



#14

Pentachlorophenol

Concen: 0.503 ng/ul

RT: 16.646 min Scan# 3019

Delta R.T. 0.009 min

Lab File: BN033029.D

Acq: 27 Jul 2024 11:42

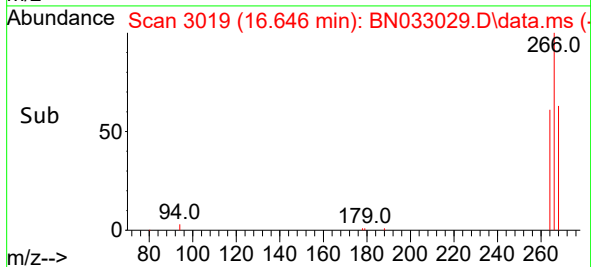
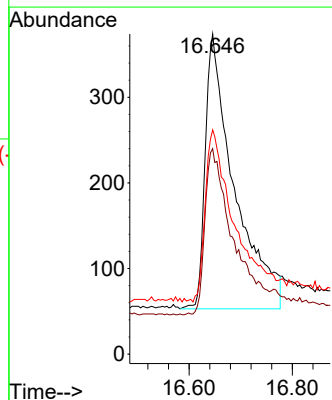
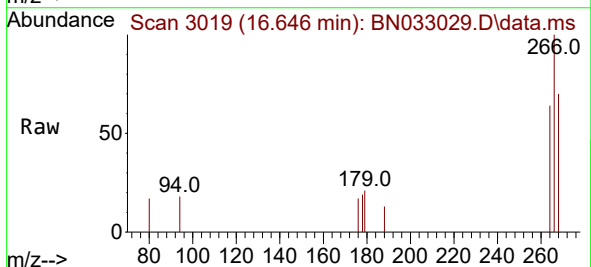
Tgt Ion:266 Resp: 1255

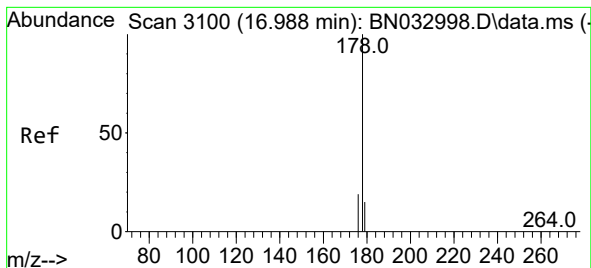
Ion Ratio Lower Upper

266 100

264 61.9 49.3 73.9

268 62.9 51.8 77.8





#15

Phenanthrene

Concen: 0.350 ng/ul

RT: 16.992 min Scan# 3101

Delta R.T. 0.004 min

Lab File: BN033029.D

Acq: 27 Jul 2024 11:42

Instrument :

BNA_N

ClientSampleId :

SLCS216

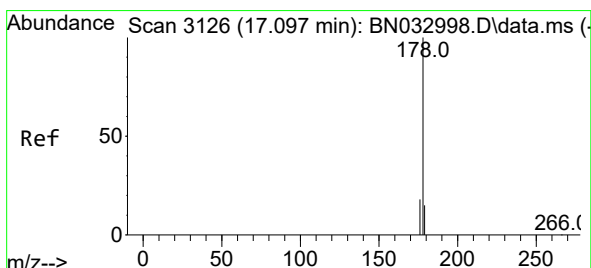
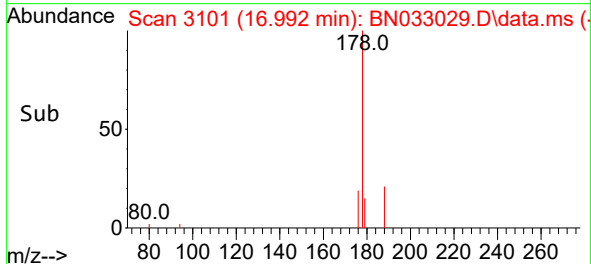
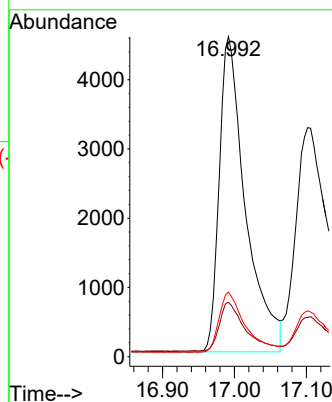
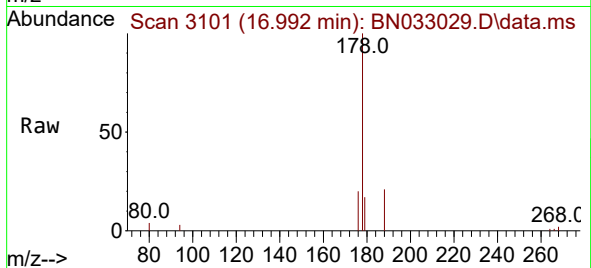
Tgt Ion:178 Resp: 11523

Ion Ratio Lower Upper

178 100

179 17.0 13.7 20.5

176 20.2 15.9 23.9



#16

Anthracene

Concen: 0.330 ng/ul

RT: 17.101 min Scan# 3127

Delta R.T. 0.017 min

Lab File: BN033029.D

Acq: 27 Jul 2024 11:42

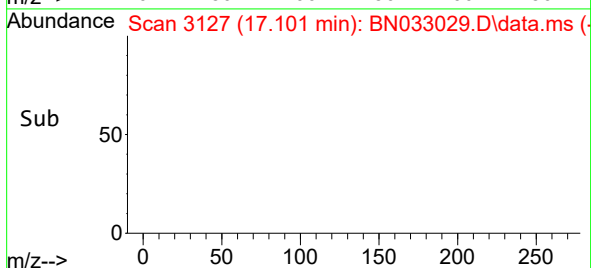
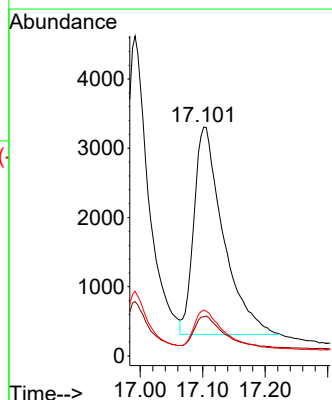
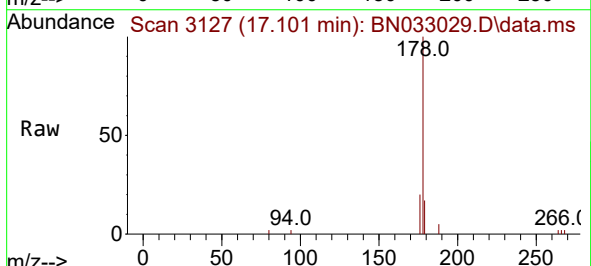
Tgt Ion:178 Resp: 9763

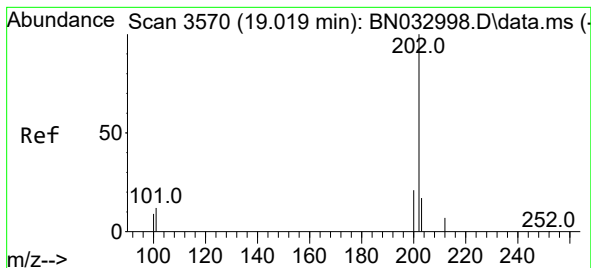
Ion Ratio Lower Upper

178 100

179 17.2 14.3 21.5

176 20.1 15.8 23.8





#19

Fluoranthene

Concen: 0.404 ng/ul

RT: 19.019 min Scan# 3570

Delta R.T. 0.005 min

Lab File: BN033029.D

Acq: 27 Jul 2024 11:42

Instrument :

BNA_N

ClientSampleId :

SLCS216

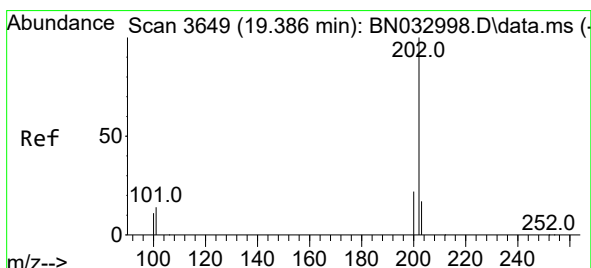
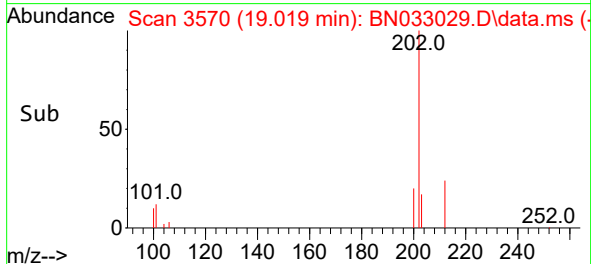
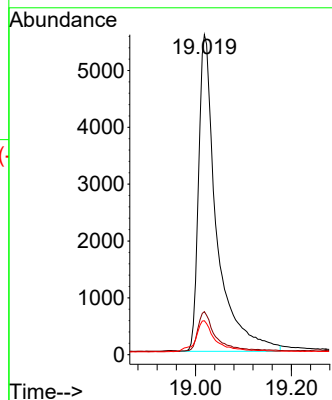
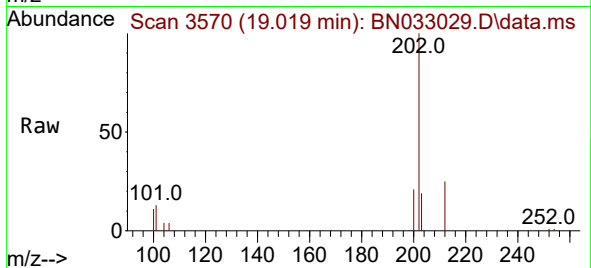
Tgt Ion:202 Resp: 14622

Ion Ratio Lower Upper

202 100

101 13.4 10.7 16.1

100 10.6 8.3 12.5



#20

Pyrene

Concen: 0.399 ng/ul

RT: 19.386 min Scan# 3649

Delta R.T. 0.005 min

Lab File: BN033029.D

Acq: 27 Jul 2024 11:42

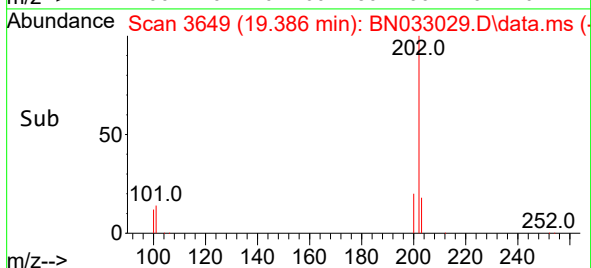
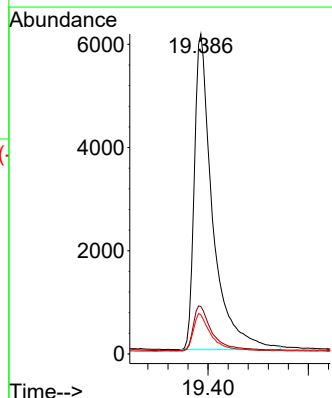
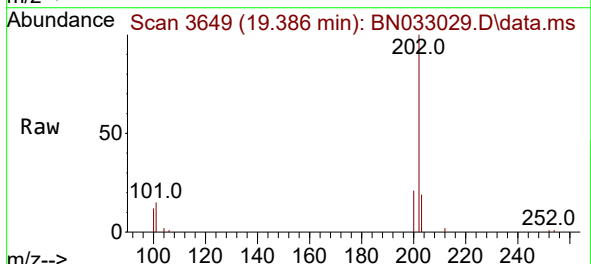
Tgt Ion:202 Resp: 15499

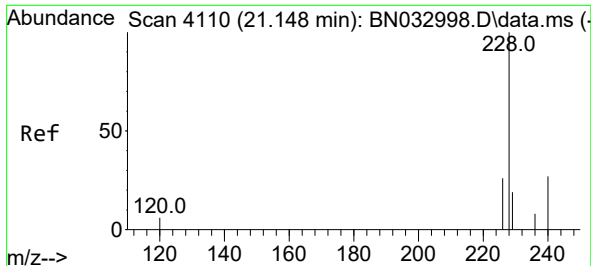
Ion Ratio Lower Upper

202 100

101 14.9 12.6 18.8

100 12.3 9.9 14.9

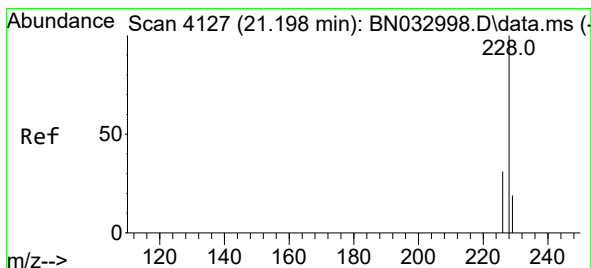
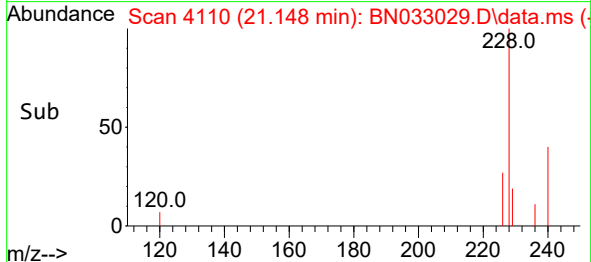
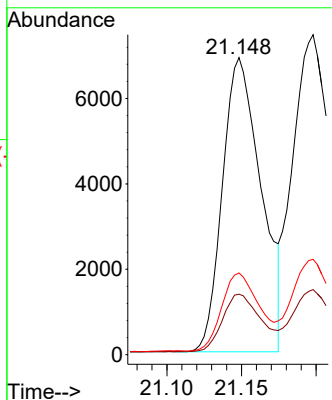
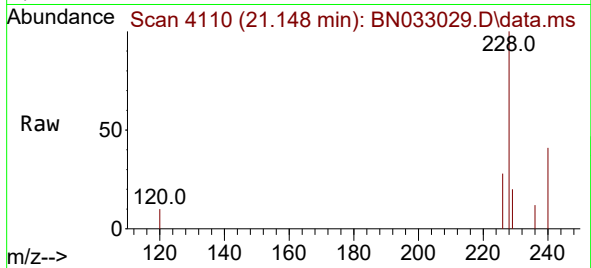




#21
Benzo(a)anthracene
Concen: 0.331 ng/ul
RT: 21.148 min Scan# 4110
Delta R.T. 0.003 min
Lab File: BN033029.D
Acq: 27 Jul 2024 11:42

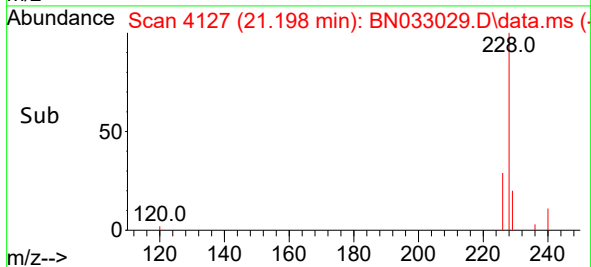
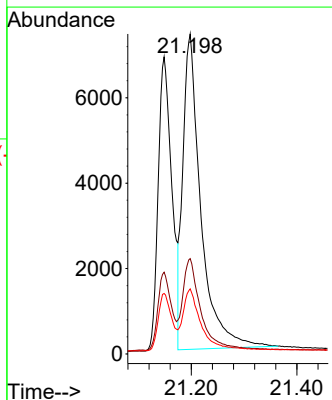
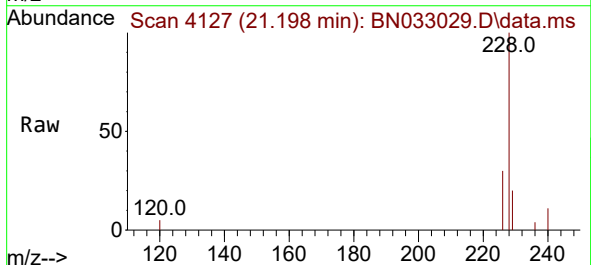
Instrument :
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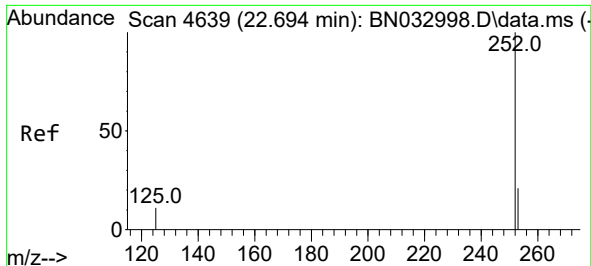
Tgt Ion:228 Resp: 12413
Ion Ratio Lower Upper
228 100
229 20.3 17.1 25.7
226 27.5 22.4 33.6



#22
Chrysene
Concen: 0.399 ng/ul
RT: 21.198 min Scan# 4127
Delta R.T. 0.003 min
Lab File: BN033029.D
Acq: 27 Jul 2024 11:42

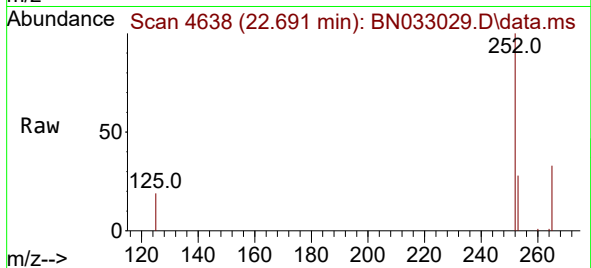
Tgt Ion:228 Resp: 17472
Ion Ratio Lower Upper
228 100
226 29.8 24.7 37.1
229 20.3 17.0 25.6



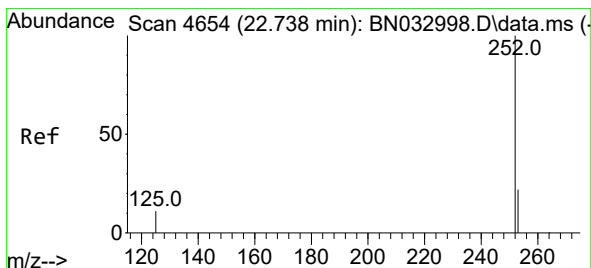
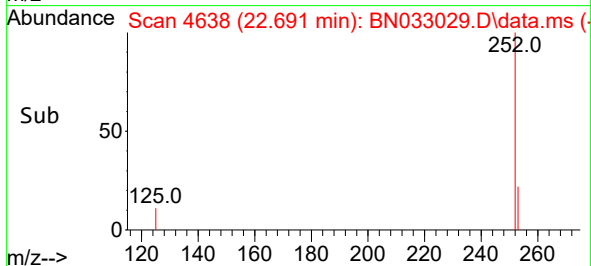
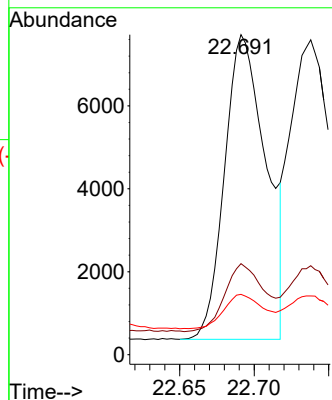


#24
Benzo(b)fluoranthene
Concen: 0.387 ng/ul
RT: 22.691 min Scan# 4638
Delta R.T. -0.003 min
Lab File: BN033029.D
Acq: 27 Jul 2024 11:42

Instrument :
BNA_N
ClientSampleId :
SLCS216

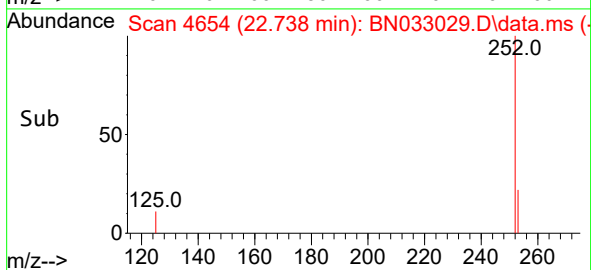
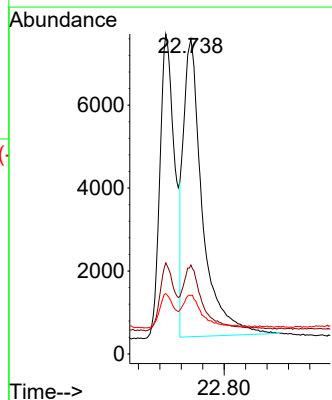
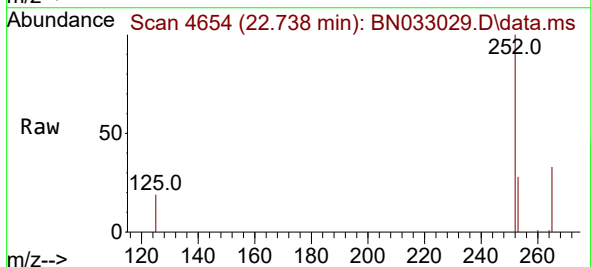


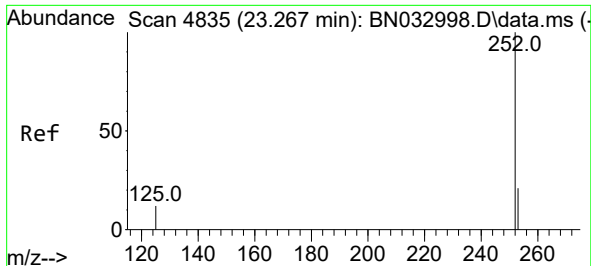
Tgt Ion:252 Resp: 14190
Ion Ratio Lower Upper
252 100
253 28.4 0.0 60.6
125 18.8 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 0.403 ng/ul
RT: 22.738 min Scan# 4654
Delta R.T. 0.003 min
Lab File: BN033029.D
Acq: 27 Jul 2024 11:42

Tgt Ion:252 Resp: 17714
Ion Ratio Lower Upper
252 100
253 28.2 24.9 37.3
125 18.6 20.9 31.3#

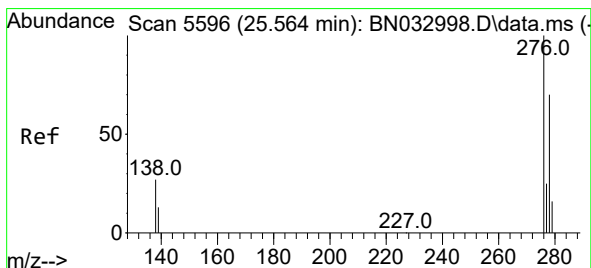
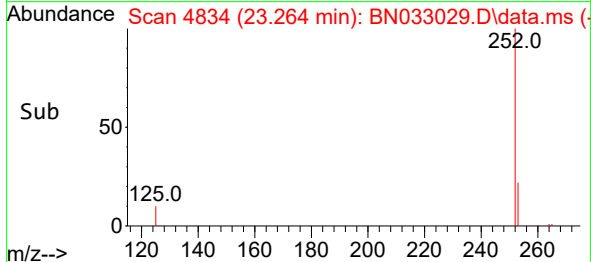
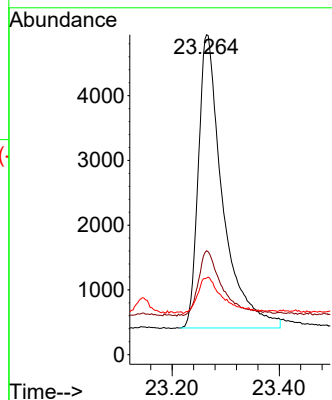
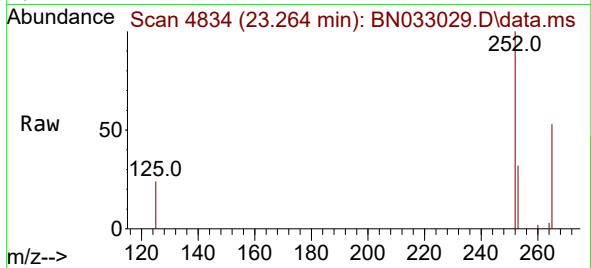




#26
Benzo(a)pyrene
Concen: 0.412 ng/ul
RT: 23.264 min Scan# 4834
Delta R.T. 0.003 min
Lab File: BN033029.D
Acq: 27 Jul 2024 11:42

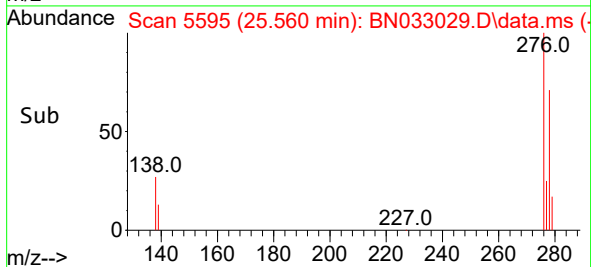
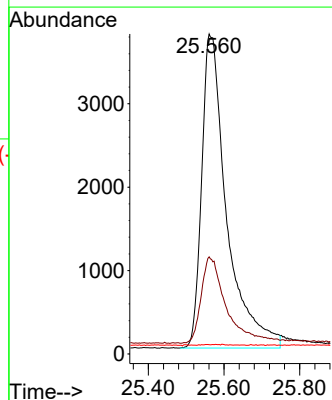
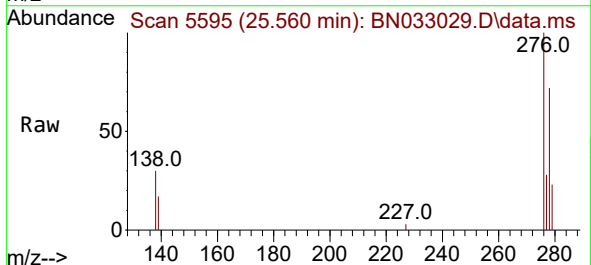
Instrument :
BNA_N
ClientSampleId :
SLCS216

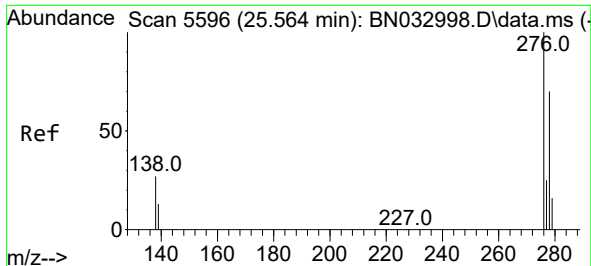
Tgt Ion:252 Resp: 14231
Ion Ratio Lower Upper
252 100
253 32.5 27.5 41.3
125 24.0 27.0 40.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.328 ng/ul
RT: 25.560 min Scan# 5595
Delta R.T. 0.000 min
Lab File: BN033029.D
Acq: 27 Jul 2024 11:42

Tgt Ion:276 Resp: 17209
Ion Ratio Lower Upper
276 100
138 27.8 21.8 32.8
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.324 ng/ul

RT: 25.564 min Scan# 51

Delta R.T. 0.003 min

Lab File: BN033029.D

Acq: 27 Jul 2024 11:42

Instrument :

BNA_N

ClientSampleId :

SLCS216

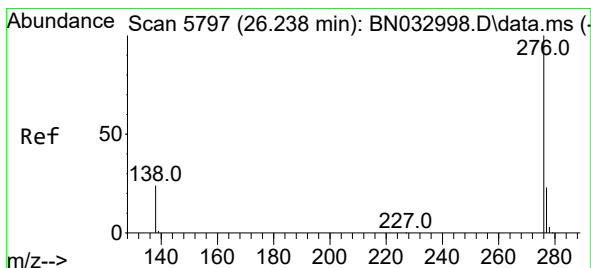
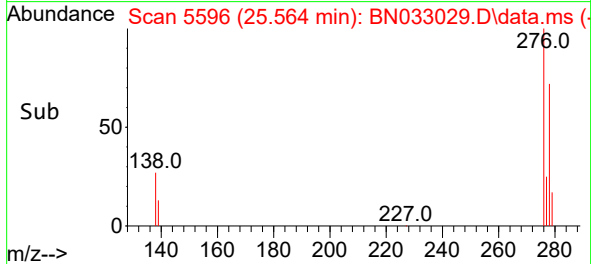
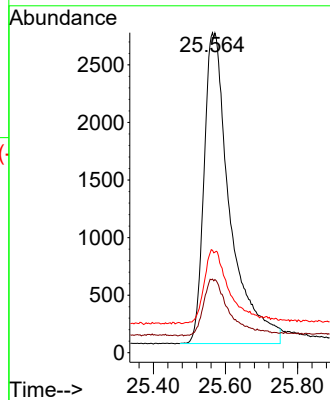
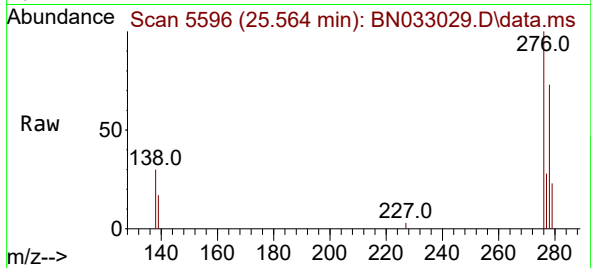
Tgt Ion:278 Resp: 13492

Ion Ratio Lower Upper

278 100

139 23.0 22.5 33.7

279 32.0 25.5 38.3



#29

Benzo(g,h,i)perylene

Concen: 0.332 ng/ul

RT: 26.238 min Scan# 5797

Delta R.T. -0.003 min

Lab File: BN033029.D

Acq: 27 Jul 2024 11:42

Tgt Ion:276 Resp: 13859

Ion Ratio Lower Upper

276 100

138 27.8 24.6 37.0

277 26.9 22.6 34.0

