

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033116.D
 Acq On : 30 Jul 2024 21:41
 Operator : MA/JU
 Sample : SP6575
 Misc : SFAM SIM SPIKE
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP6575

Quant Time: Jul 30 23:58:33 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 : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

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

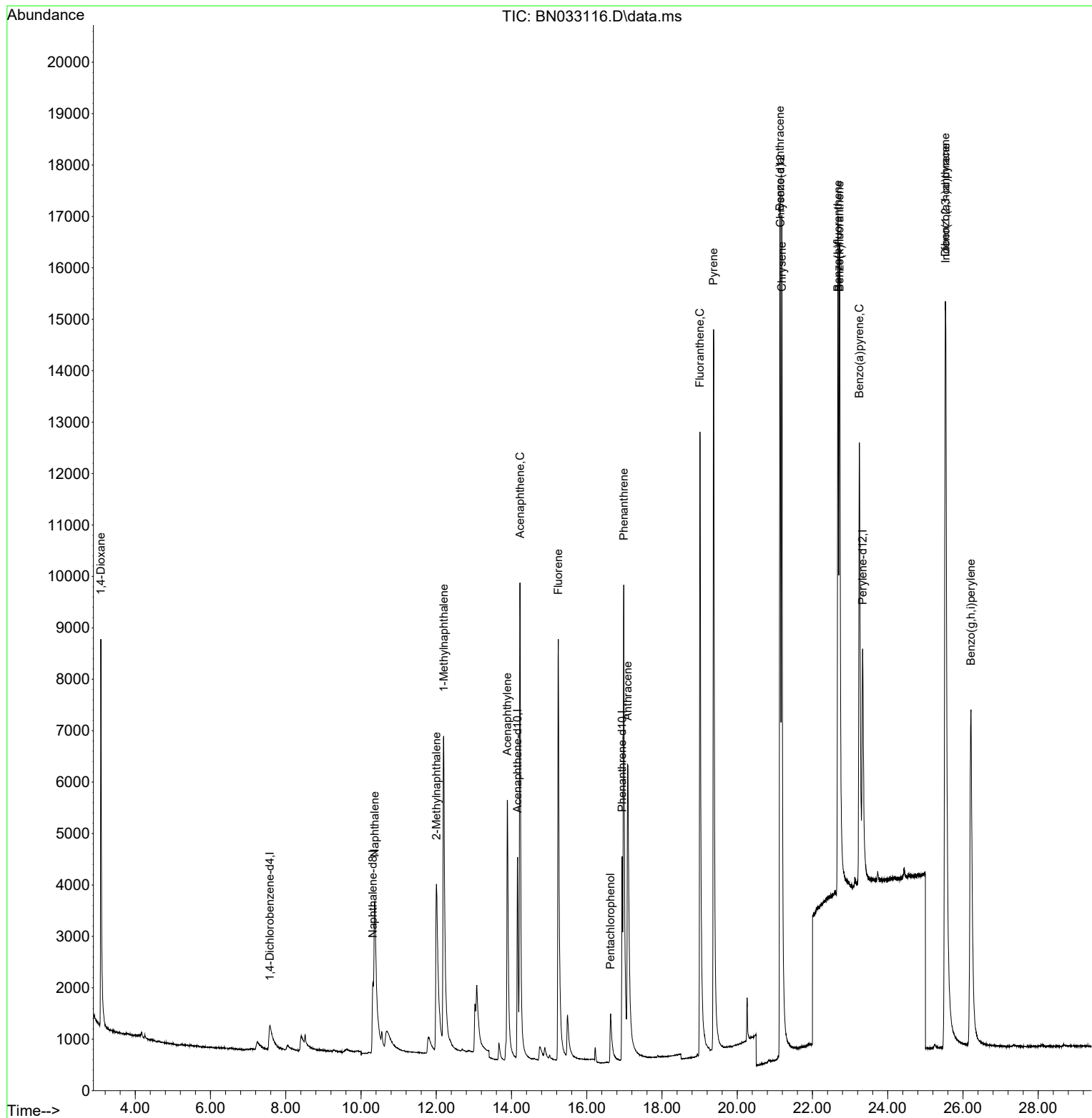
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.579	152	986	0.400	ng/ul	0.03
4) Naphthalene-d8	10.317	136	4798	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.161	164	3250	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.941	188	7477	0.400	ng/ul	0.00
17) Chrysene-d12	21.145	240	7178	0.400	ng/ul	0.00
23) Perylene-d12	23.334	264	7904	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.085	96	23	0.018	ng/ul	0.03
6) 2-Methylnaphthalene-d10	11.961	152	9	0.001	ng/ul	0.03
18) Fluoranthene-d10	18.967	212	1	0.000	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.085	88	6295	4.427	ng/ul#	66
5) Naphthalene	10.366	128	9571	0.777	ng/ul	97
7) 2-Methylnaphthalene	12.005	142	6084	0.729	ng/ul	98
8) 1-Methylnaphthalene	12.198	142	7687	0.852	ng/ul	100
10) Acenaphthylene	13.889	152	10115	0.760	ng/ul	99
11) Acenaphthene	14.226	153	8469	0.846	ng/ul	99
12) Fluorene	15.244	166	9381	0.804	ng/ul	100
14) Pentachlorophenol	16.633	266	1566	1.029	ng/ul	99
15) Phenanthrene	16.983	178	14714	0.734	ng/ul	99
16) Anthracene	17.089	178	12737	0.706	ng/ul	99
19) Fluoranthene	19.009	202	18825	0.797	ng/ul	99
20) Pyrene	19.372	202	20040	0.791	ng/ul	99
21) Benzo(a)anthracene	21.133	228	16757	0.684	ng/ul	98
22) Chrysene	21.186	228	22356	0.782	ng/ul	99
24) Benzo(b)fluoranthene	22.676	252	17986	0.779	ng/ul	87
25) Benzo(k)fluoranthene	22.720	252	22828	0.825	ng/ul#	86
26) Benzo(a)pyrene	23.246	252	18056	0.831	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.540	276	23599	0.714	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.533	278	18350	0.701	ng/ul#	91
29) Benzo(g,h,i)perylene	26.214	276	19068	0.726	ng/ul	93

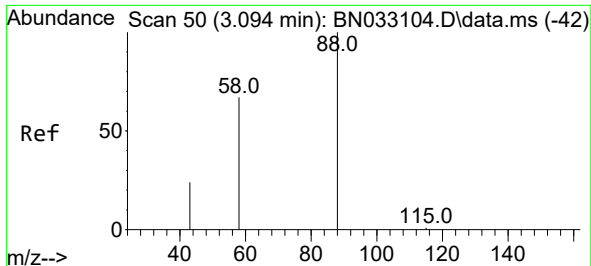
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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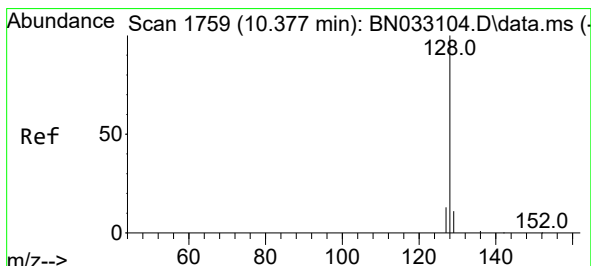
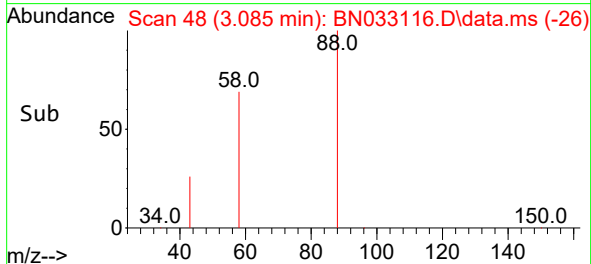
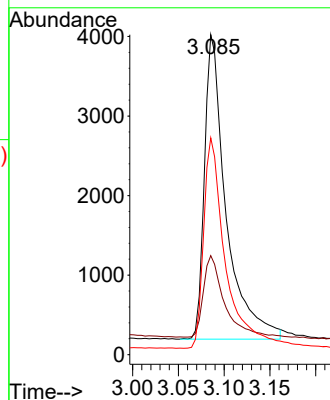
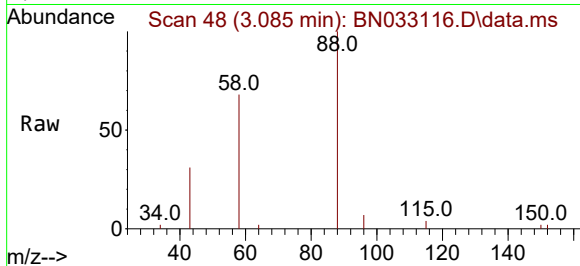




#2
1,4-Dioxane
Concen: 4.427 ng/ul
RT: 3.085 min Scan# 41
Delta R.T. -0.008 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

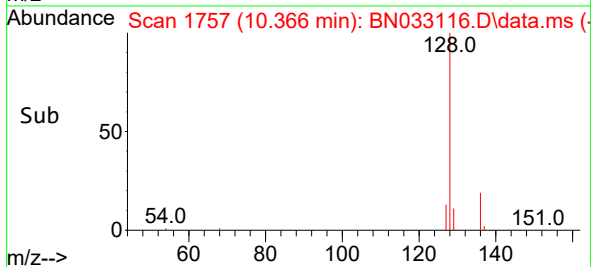
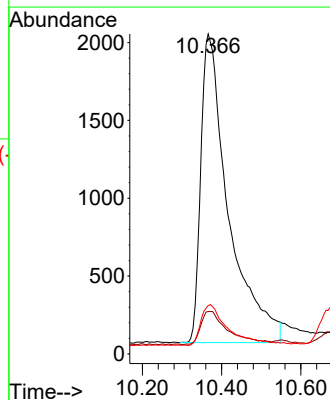
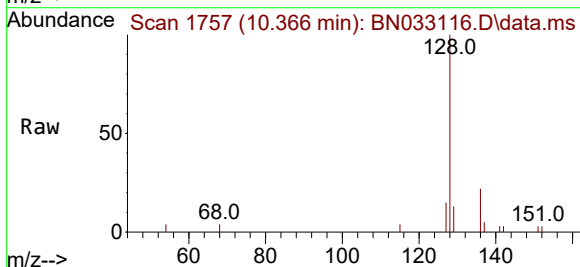
Instrument :
BNA_N
ClientSampleId :
SP6575

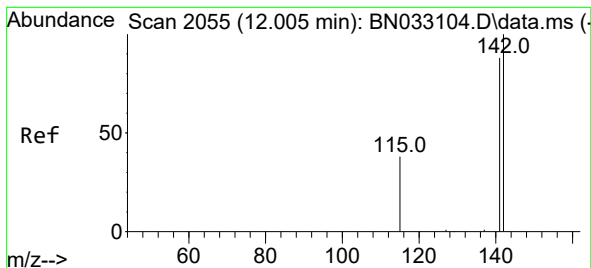
Tgt Ion: 88 Resp: 6295
Ion Ratio Lower Upper
88 100
43 30.9 63.4 95.2#
58 67.8 49.4 74.0



#5
Naphthalene
Concen: 0.777 ng/ul
RT: 10.366 min Scan# 1757
Delta R.T. -0.011 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

Tgt Ion: 128 Resp: 9571
Ion Ratio Lower Upper
128 100
129 13.2 12.0 18.0
127 15.1 12.7 19.1





#7

2-Methylnaphthalene

Concen: 0.729 ng/ul

RT: 12.005 min Scan# 2055

Delta R.T. 0.000 min

Lab File: BN033116.D

Acq: 30 Jul 2024 21:41

Instrument :

BNA_N

ClientSampleId :

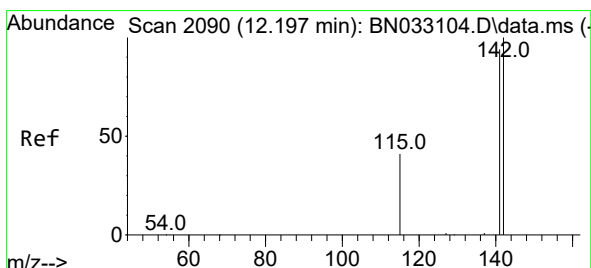
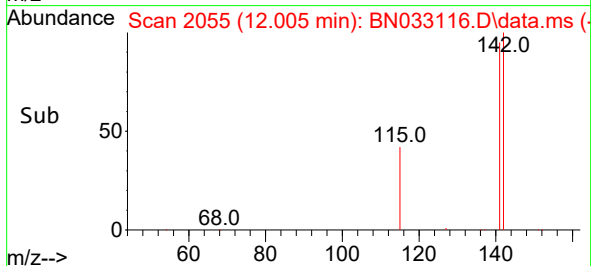
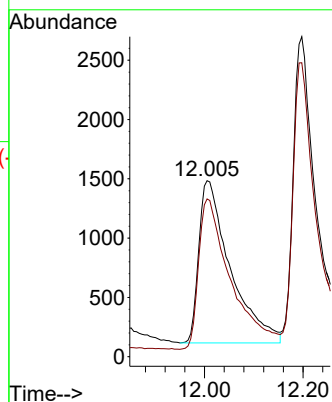
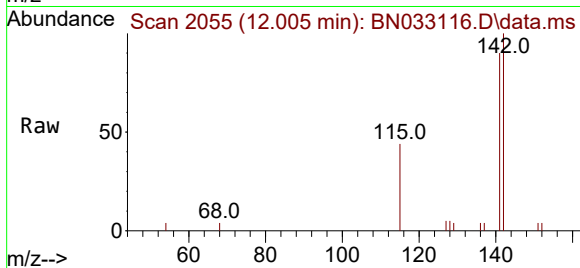
SP6575

Tgt Ion:142 Resp: 6084

Ion Ratio Lower Upper

142 100

141 95.8 75.2 112.8



#8

1-Methylnaphthalene

Concen: 0.852 ng/ul

RT: 12.198 min Scan# 2090

Delta R.T. 0.000 min

Lab File: BN033116.D

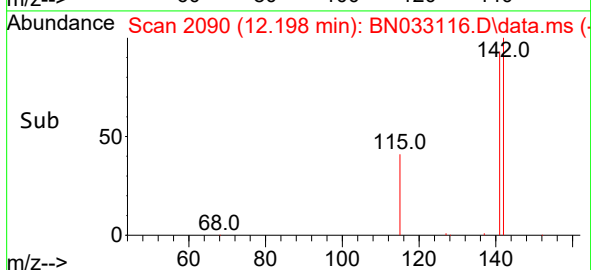
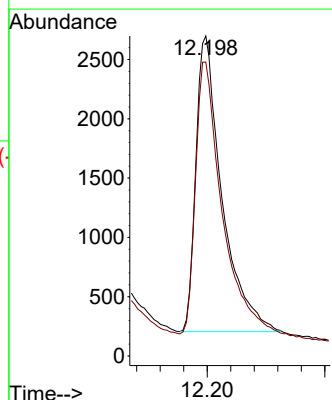
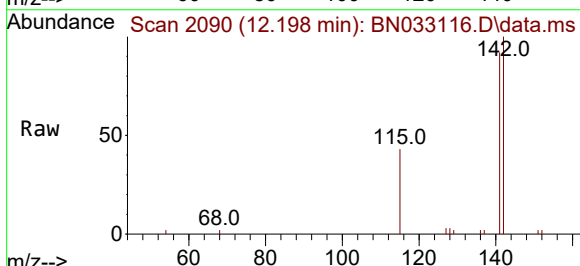
Acq: 30 Jul 2024 21:41

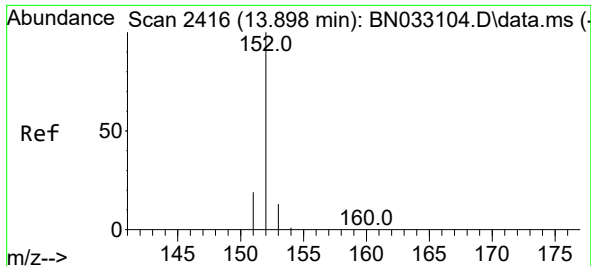
Tgt Ion:142 Resp: 7687

Ion Ratio Lower Upper

142 100

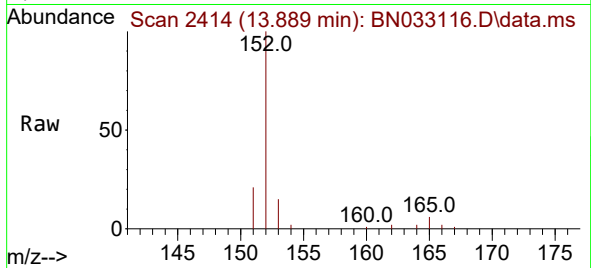
141 93.1 74.3 111.5



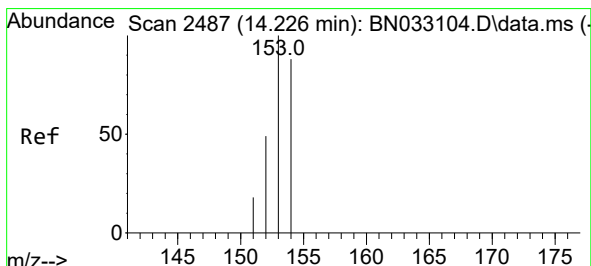
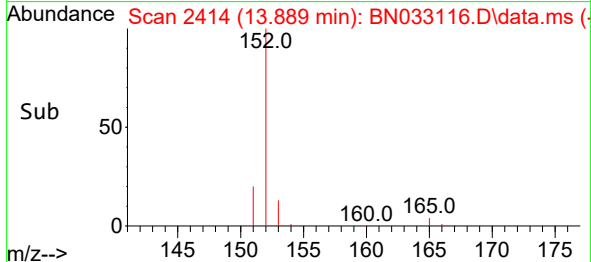
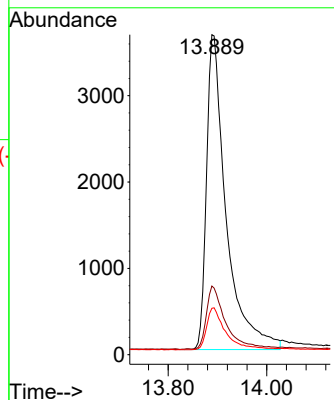


#10
Acenaphthylene
Concen: 0.760 ng/ul
RT: 13.889 min Scan# 2414
Delta R.T. -0.009 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

Instrument :
BNA_N
ClientSampleId :
SP6575

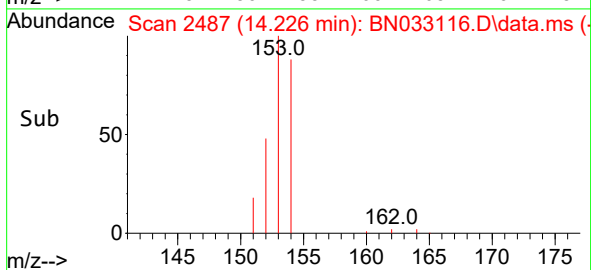
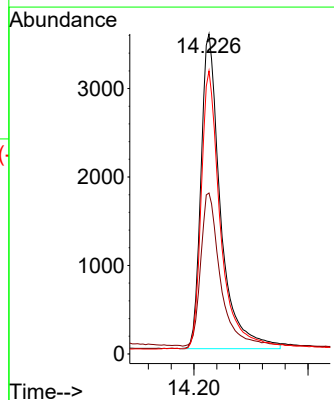
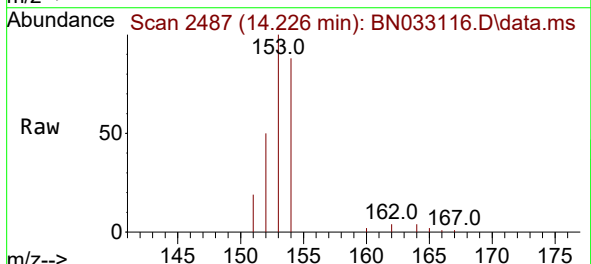


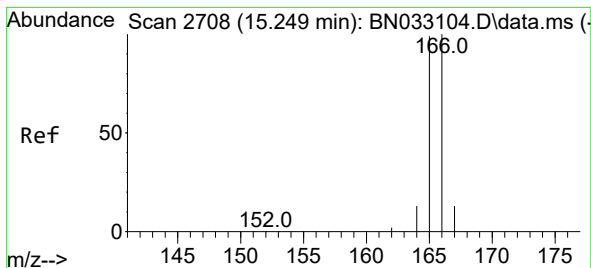
Tgt Ion:152 Resp: 10115
Ion Ratio Lower Upper
152 100
151 21.5 16.8 25.2
153 14.5 11.9 17.9



#11
Acenaphthene
Concen: 0.846 ng/ul
RT: 14.226 min Scan# 2487
Delta R.T. 0.000 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

Tgt Ion:153 Resp: 8469
Ion Ratio Lower Upper
153 100
152 50.3 40.0 60.0
154 88.4 70.1 105.1





#12

Fluorene

Concen: 0.804 ng/ul

RT: 15.244 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN033116.D

Acq: 30 Jul 2024 21:41

Instrument :

BNA_N

ClientSampleId :

SP6575

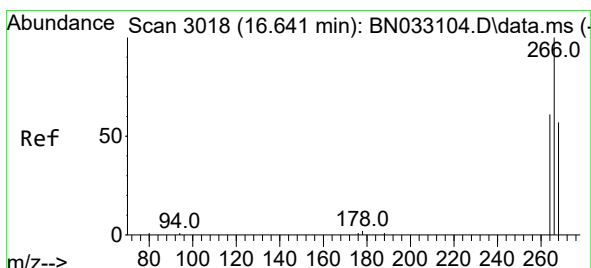
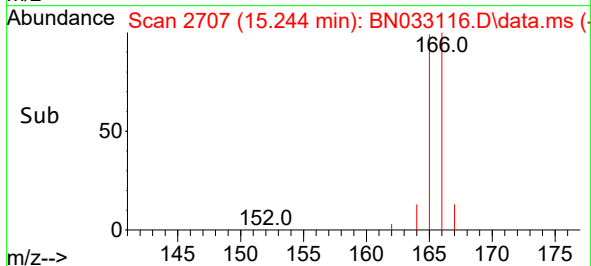
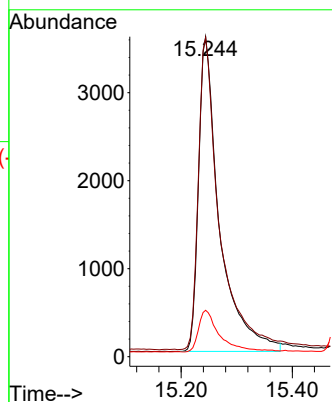
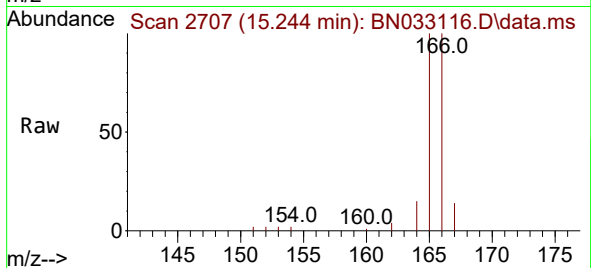
Tgt Ion:166 Resp: 9381

Ion Ratio Lower Upper

166 100

165 99.8 79.6 119.4

167 14.5 12.2 18.4



#14

Pentachlorophenol

Concen: 1.029 ng/ul

RT: 16.633 min Scan# 3016

Delta R.T. -0.008 min

Lab File: BN033116.D

Acq: 30 Jul 2024 21:41

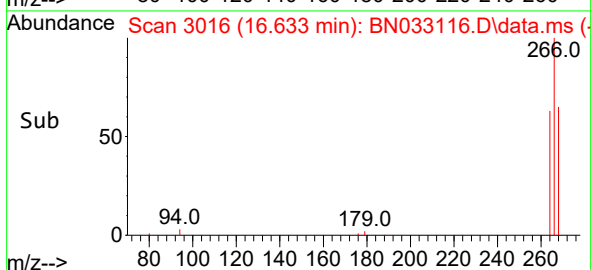
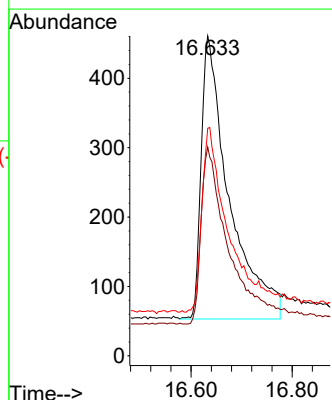
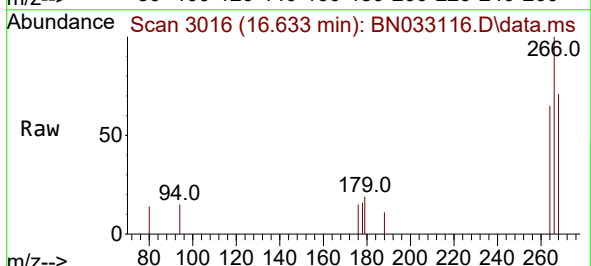
Tgt Ion:266 Resp: 1566

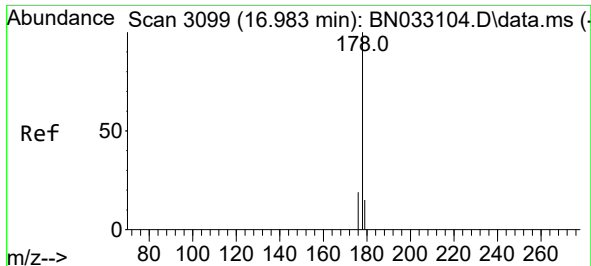
Ion Ratio Lower Upper

266 100

264 61.6 49.3 73.9

268 63.6 51.8 77.8

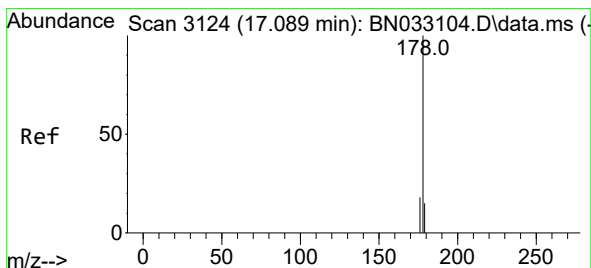
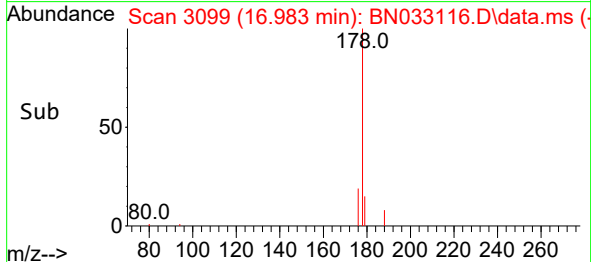
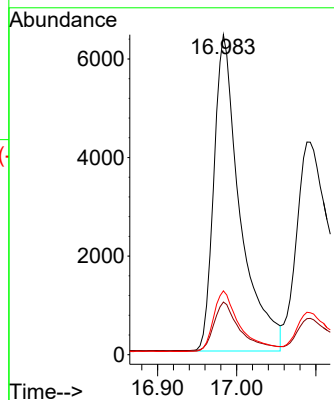
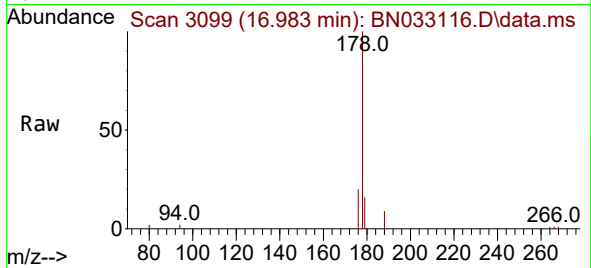




#15
Phenanthrene
Concen: 0.734 ng/ul
RT: 16.983 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

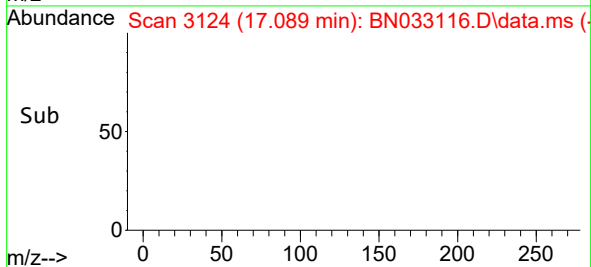
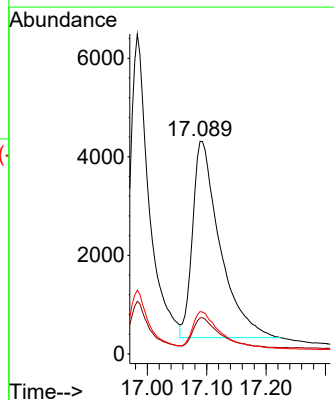
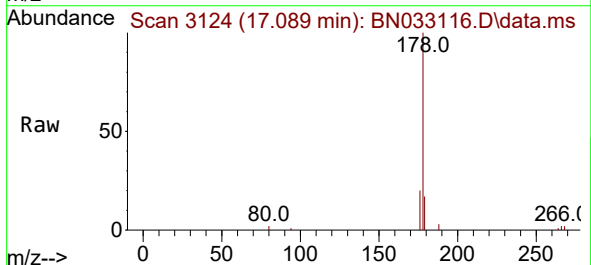
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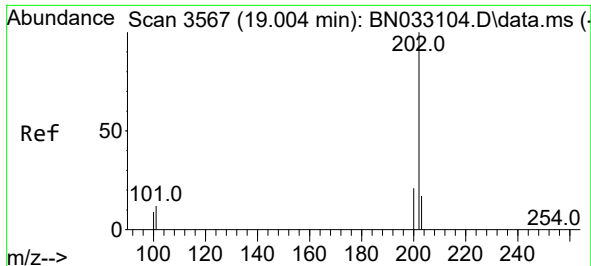
Tgt Ion:178 Resp: 14714
Ion Ratio Lower Upper
178 100
179 16.4 13.7 20.5
176 19.9 15.9 23.9



#16
Anthracene
Concen: 0.706 ng/ul
RT: 17.089 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

Tgt Ion:178 Resp: 12737
Ion Ratio Lower Upper
178 100
179 16.9 14.3 21.5
176 19.9 15.8 23.8

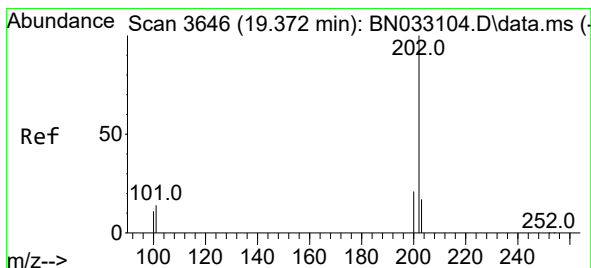
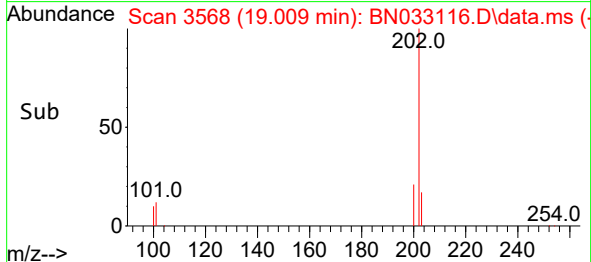
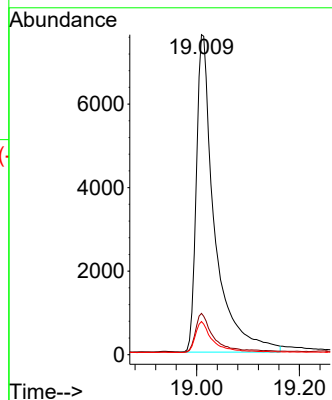
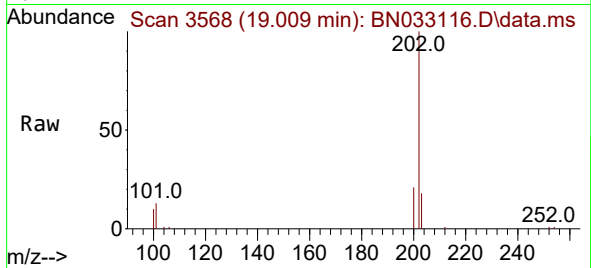




#19
Fluoranthene
Concen: 0.797 ng/ul
RT: 19.009 min Scan# 3567
Delta R.T. 0.005 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

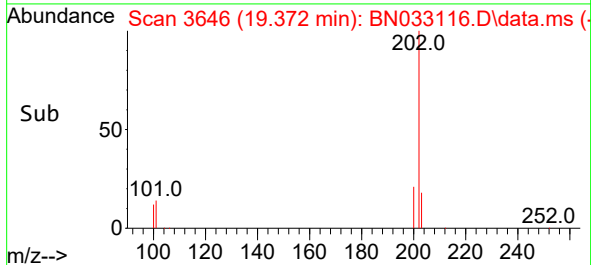
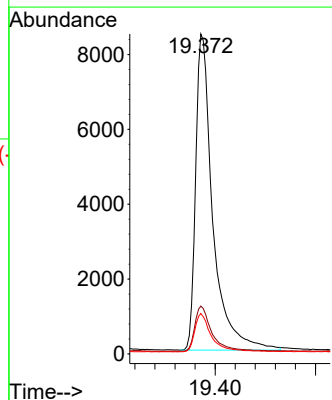
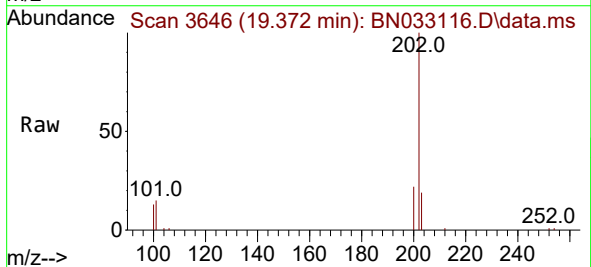
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ClientSampleId :
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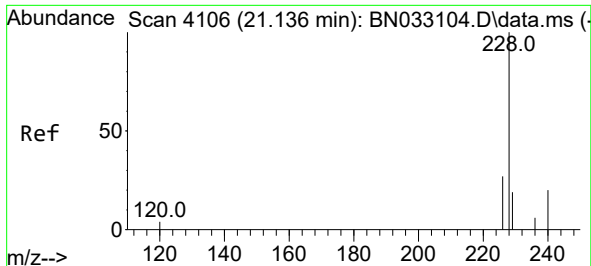
Tgt Ion:202 Resp: 18825
Ion Ratio Lower Upper
202 100
101 12.9 10.7 16.1
100 10.3 8.3 12.5



#20
Pyrene
Concen: 0.791 ng/ul
RT: 19.372 min Scan# 3646
Delta R.T. 0.000 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

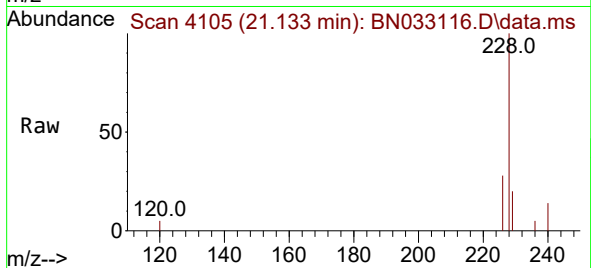
Tgt Ion:202 Resp: 20040
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 12.6 9.9 14.9



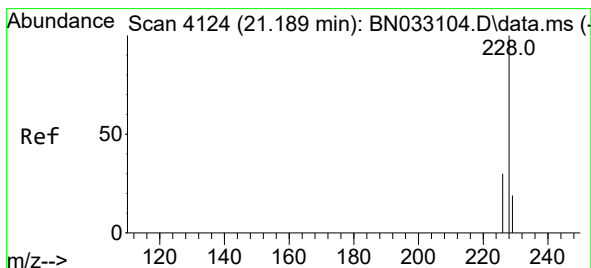
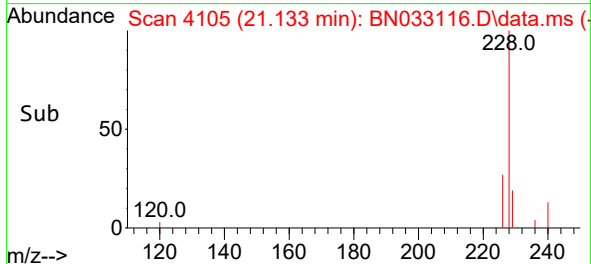
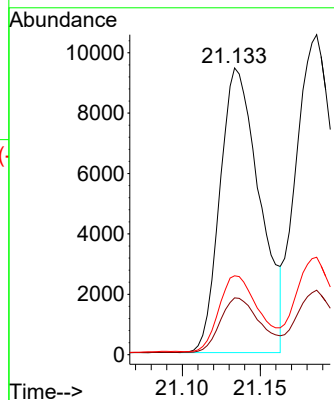


#21
Benzo(a)anthracene
Concen: 0.684 ng/ul
RT: 21.133 min Scan# 4105
Delta R.T. -0.003 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

Instrument :
BNA_N
ClientSampleId :
SP6575

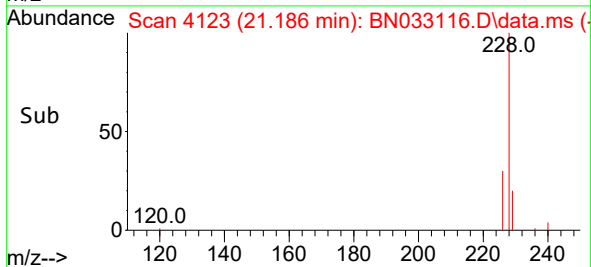
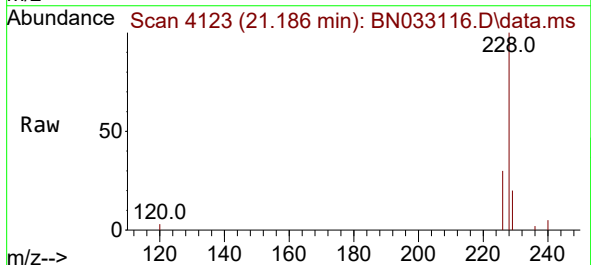
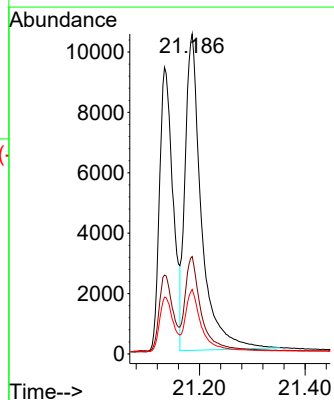


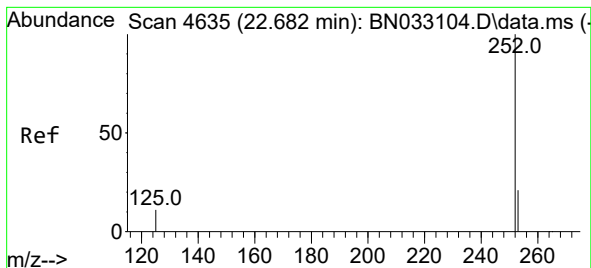
Tgt Ion:228 Resp: 16757
Ion Ratio Lower Upper
228 100
229 19.8 17.1 25.7
226 27.5 22.4 33.6



#22
Chrysene
Concen: 0.782 ng/ul
RT: 21.186 min Scan# 4123
Delta R.T. -0.003 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

Tgt Ion:228 Resp: 22356
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 20.2 17.0 25.6





#24

Benzo(b)fluoranthene

Concen: 0.779 ng/ul

RT: 22.676 min Scan# 4633

Delta R.T. -0.006 min

Lab File: BN033116.D

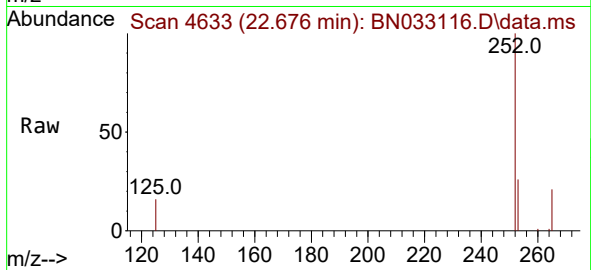
Acq: 30 Jul 2024 21:41

Instrument :

BNA_N

ClientSampleId :

SP6575



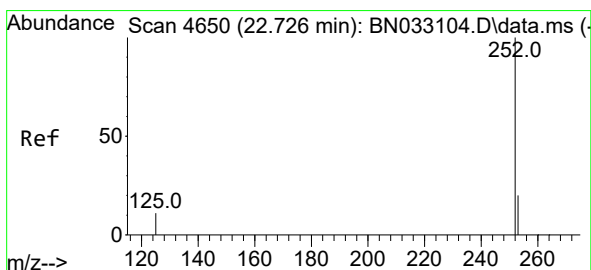
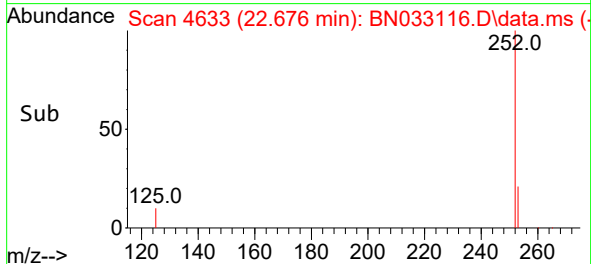
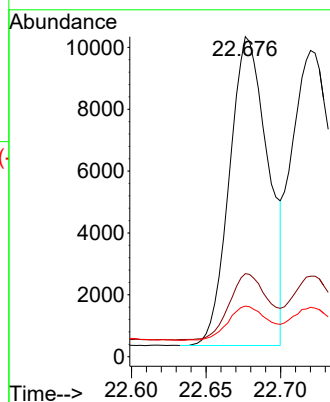
Tgt Ion:252 Resp: 17986

Ion Ratio Lower Upper

252 100

253 25.9 0.0 60.6

125 15.8 0.0 51.0



#25

Benzo(k)fluoranthene

Concen: 0.825 ng/ul

RT: 22.720 min Scan# 4648

Delta R.T. -0.006 min

Lab File: BN033116.D

Acq: 30 Jul 2024 21:41

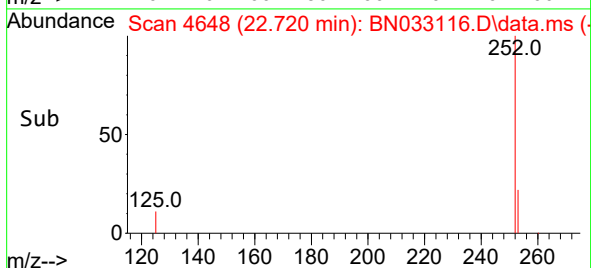
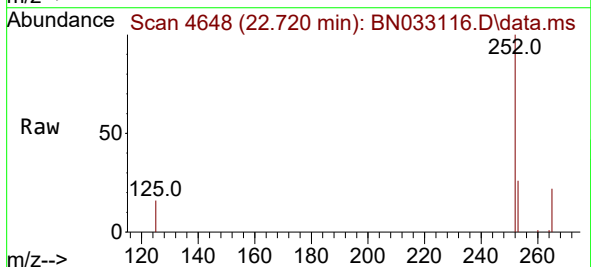
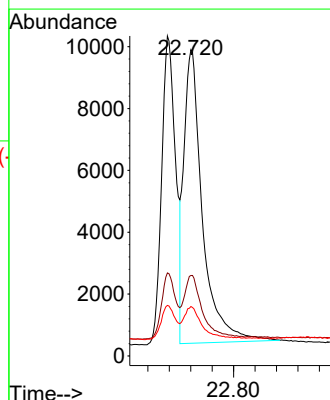
Tgt Ion:252 Resp: 22828

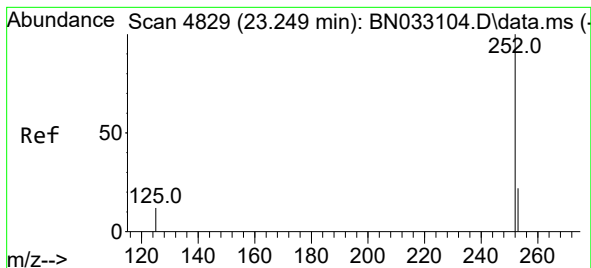
Ion Ratio Lower Upper

252 100

253 26.3 24.9 37.3

125 16.1 20.9 31.3#





#26

Benzo(a)pyrene

Concen: 0.831 ng/ul

RT: 23.246 min Scan# 4828

Delta R.T. -0.003 min

Lab File: BN033116.D

Acq: 30 Jul 2024 21:41

Instrument :

BNA_N

ClientSampleId :

SP6575

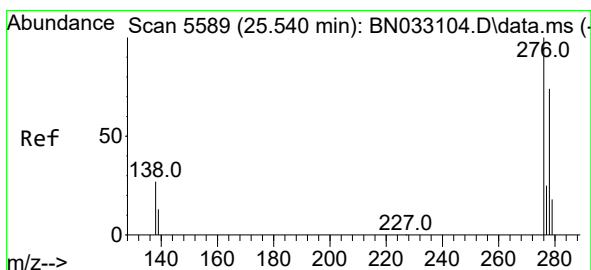
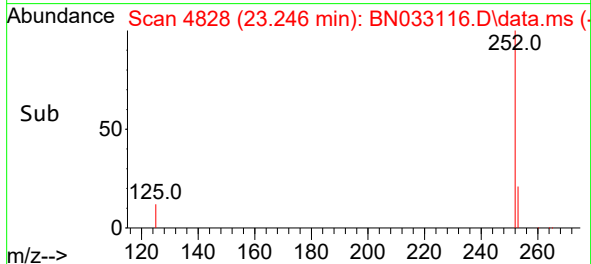
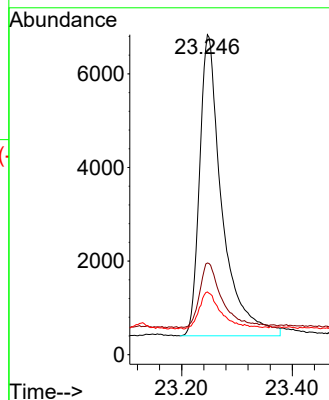
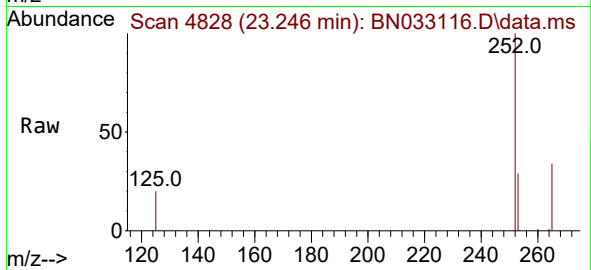
Tgt Ion:252 Resp: 18056

Ion Ratio Lower Upper

252 100

253 28.6 27.5 41.3

125 19.6 27.0 40.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.714 ng/ul

RT: 25.540 min Scan# 5589

Delta R.T. 0.000 min

Lab File: BN033116.D

Acq: 30 Jul 2024 21:41

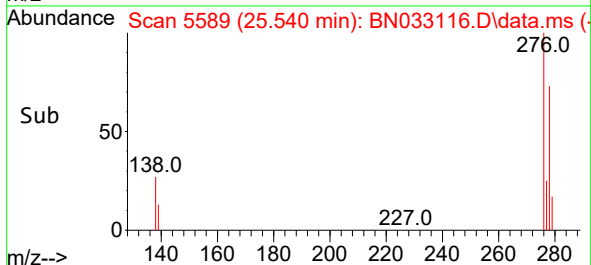
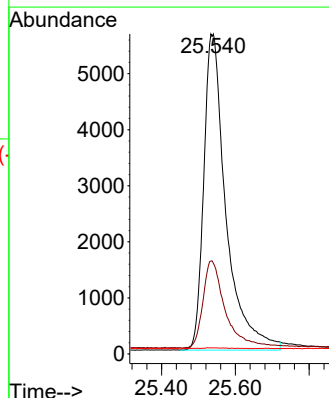
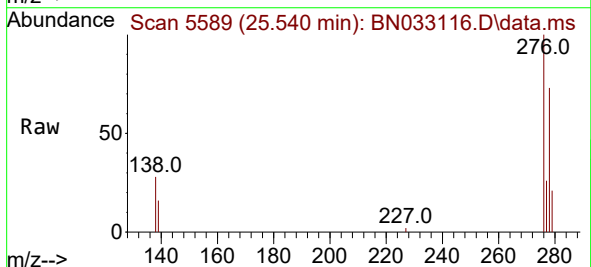
Tgt Ion:276 Resp: 23599

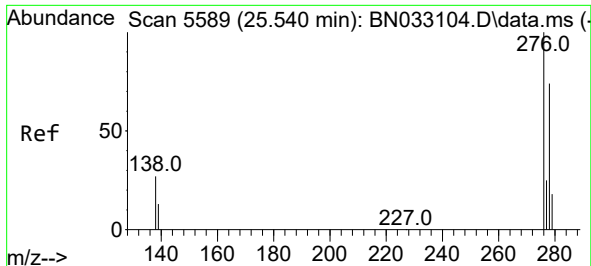
Ion Ratio Lower Upper

276 100

138 28.1 21.8 32.8

227 0.1 0.2 0.2#

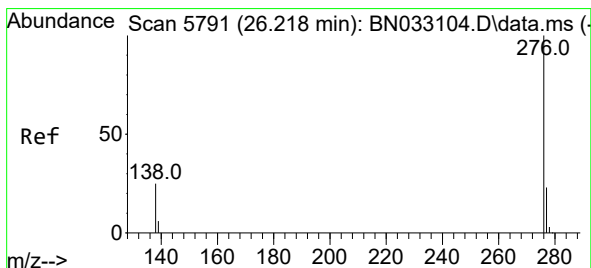
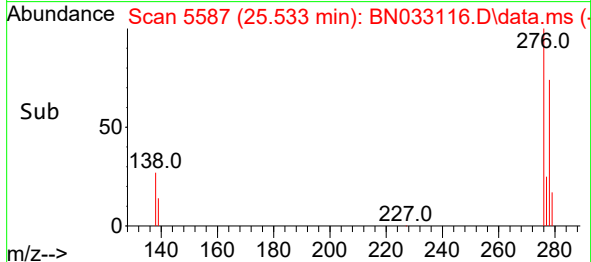
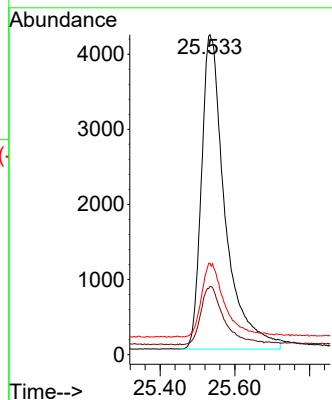
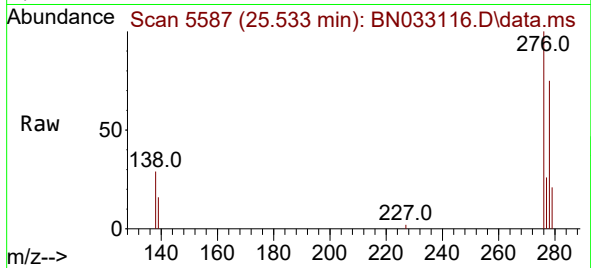




#28
Dibenzo(a,h)anthracene
Concen: 0.701 ng/ul
RT: 25.533 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

Instrument :
BNA_N
ClientSampleId :
SP6575

Tgt Ion:278 Resp: 18350
Ion Ratio Lower Upper
278 100
139 21.3 22.5 33.7#
279 28.6 25.5 38.3



#29
Benzo(g,h,i)perylene
Concen: 0.726 ng/ul
RT: 26.214 min Scan# 5790
Delta R.T. -0.003 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

Tgt Ion:276 Resp: 19068
Ion Ratio Lower Upper
276 100
138 25.6 24.6 37.0
277 25.5 22.6 34.0

