

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032398.D
 Acq On : 02 Jul 2024 13:35
 Operator : MA/JU
 Sample : PB161603BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS603

Quant Time: Jul 02 14:33:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

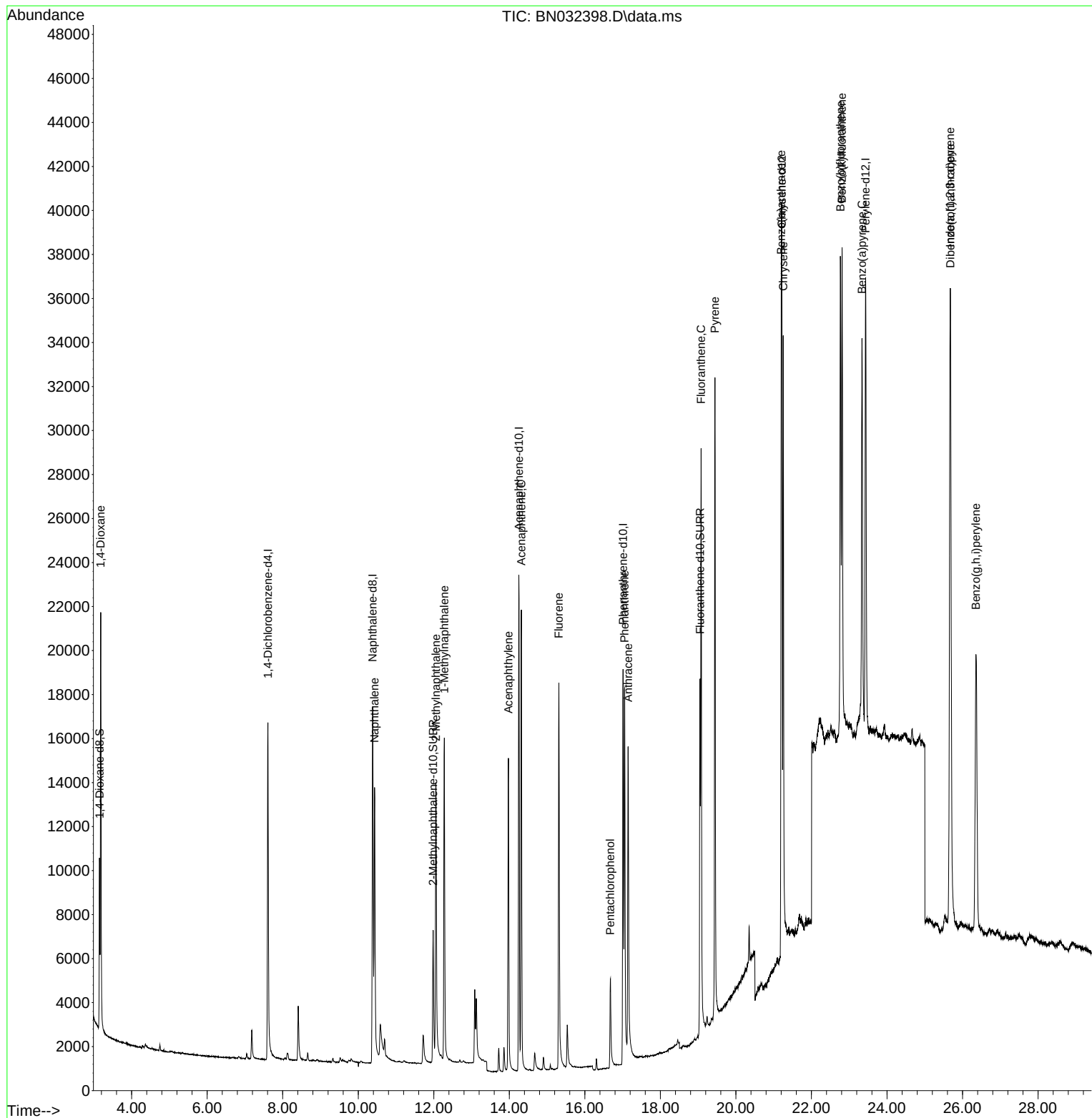
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	9013	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.382	136	25949	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	13674	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.012	188	25979	0.400	ng/ul	-0.01
17) Chrysene-d12	21.217	240	23979	0.400	ng/ul	# 0.00
23) Perylene-d12	23.435	264	28394	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	5249	0.524	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	9977	0.256	ng/ul	-0.02
18) Fluoranthene-d10	19.050	212	19332	0.268	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	13548	1.188	ng/ul	90
5) Naphthalene	10.431	128	19259	0.280	ng/ul	99
7) 2-Methylnaphthalene	12.059	142	11730	0.258	ng/ul	99
8) 1-Methylnaphthalene	12.279	142	11511	0.244	ng/ul	99
10) Acenaphthylene	13.975	152	18111	0.318	ng/ul	99
11) Acenaphthene	14.318	153	12738	0.289	ng/ul	99
12) Fluorene	15.312	166	13422	0.255	ng/ul	99
14) Pentachlorophenol	16.674	266	3986	0.678	ng/ul	98
15) Phenanthrene	17.054	178	20067	0.282	ng/ul	99
16) Anthracene	17.147	178	19405	0.305	ng/ul	98
19) Fluoranthene	19.078	202	25318	0.277	ng/ul	97
20) Pyrene	19.445	202	26726	0.280	ng/ul	100
21) Benzo(a)anthracene	21.200	228	27074	0.313	ng/ul#	91
22) Chrysene	21.255	228	27116	0.285	ng/ul#	90
24) Benzo(b)fluoranthene	22.766	252	27913	0.226	ng/ul#	75
25) Benzo(k)fluoranthene	22.810	252	29428	0.246	ng/ul#	76
26) Benzo(a)pyrene	23.339	252	27669	0.322	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.673	276	35106	0.261	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.683	278	28167	0.282	ng/ul#	81
29) Benzo(g,h,i)perylene	26.357	276	28793	0.269	ng/ul#	85

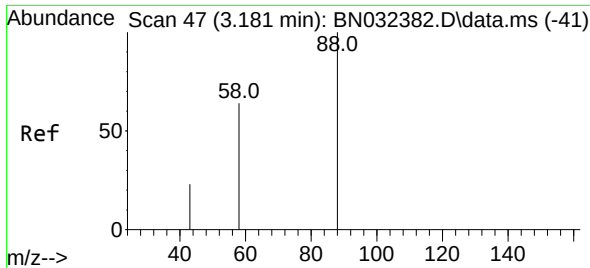
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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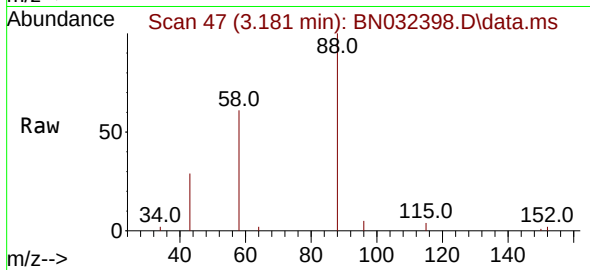
Quant Time: Jul 02 14:33:26 2024
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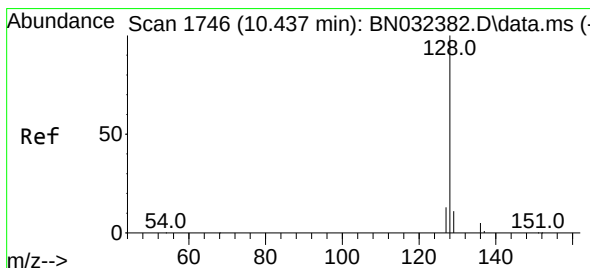
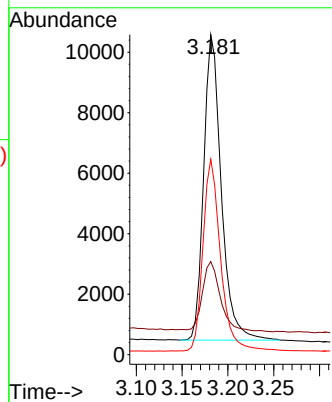
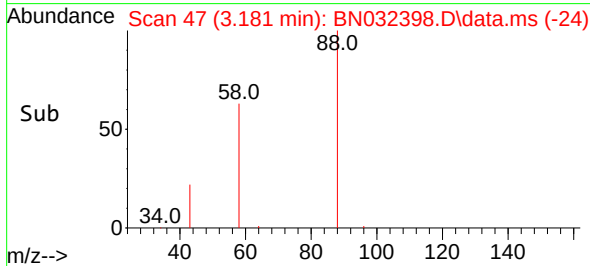
#2
1,4-Dioxane
Concen: 1.188 ng/ul
RT: 3.181 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN032398.D
Acq: 02 Jul 2024 13:35

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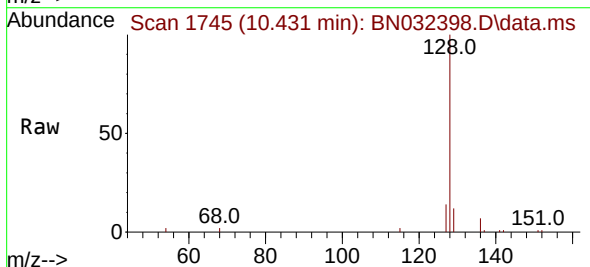


Tgt Ion: 88 Resp: 13548

Ion	Ratio	Lower	Upper
88	100		
43	29.1	28.4	42.6
58	61.0	43.3	64.9

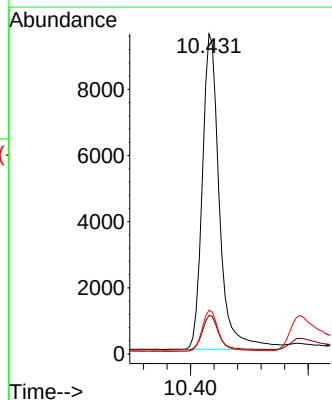
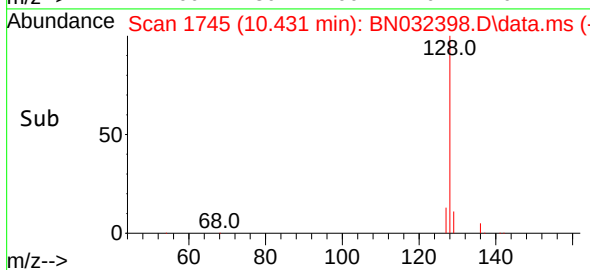


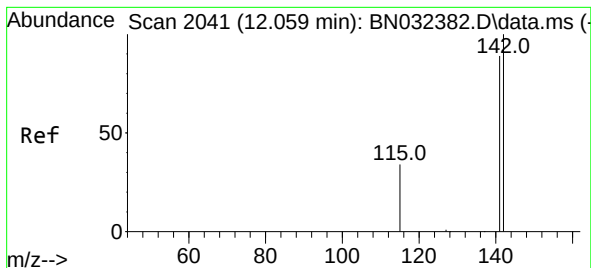
#5
Naphthalene
Concen: 0.280 ng/ul
RT: 10.431 min Scan# 1745
Delta R.T. -0.017 min
Lab File: BN032398.D
Acq: 02 Jul 2024 13:35



Tgt Ion: 128 Resp: 19259

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.2	13.8
127	13.6	10.8	16.2

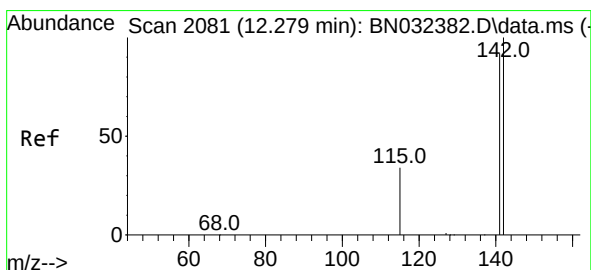
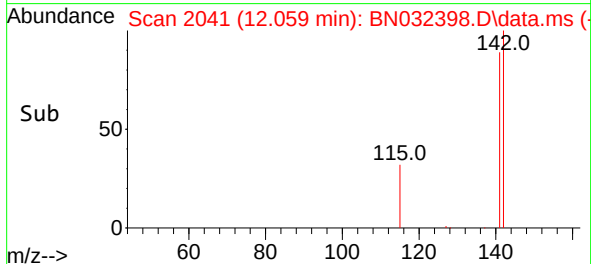
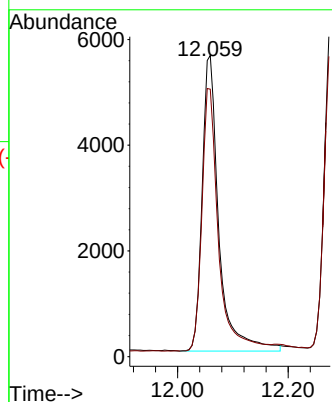
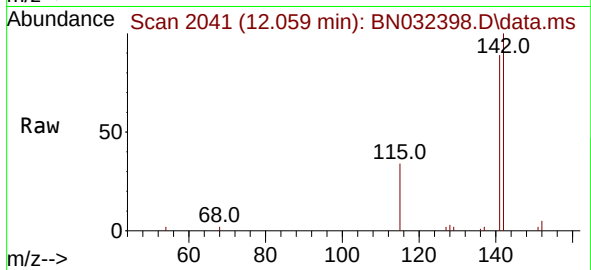




#7
2-Methylnaphthalene
Concen: 0.258 ng/ul
RT: 12.059 min Scan# 2041
Delta R.T. -0.017 min
Lab File: BN032398.D
Acq: 02 Jul 2024 13:35

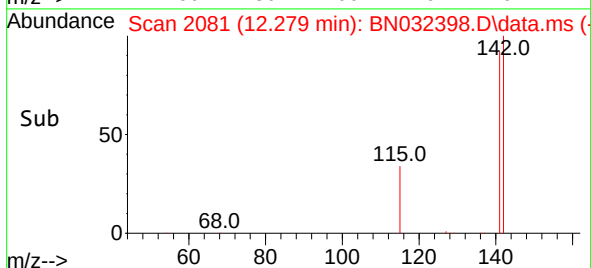
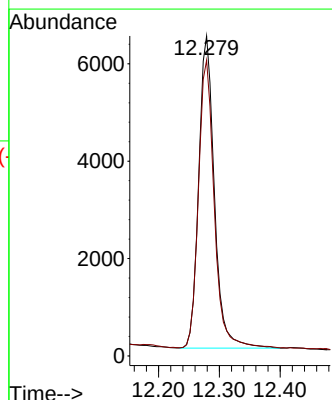
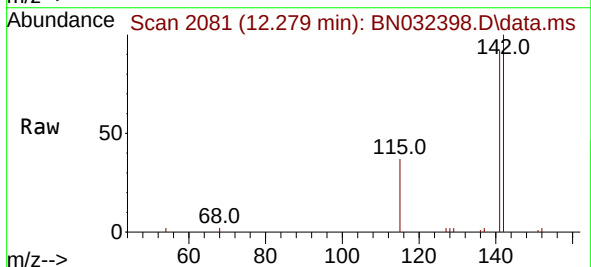
Instrument :
BNA_N
ClientSampleId :
SLCS603

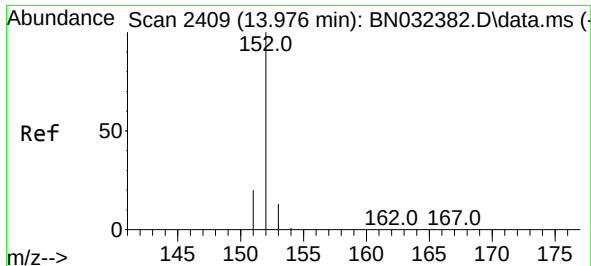
Tgt Ion:142 Resp: 11730
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.244 ng/ul
RT: 12.279 min Scan# 2081
Delta R.T. -0.017 min
Lab File: BN032398.D
Acq: 02 Jul 2024 13:35

Tgt Ion:142 Resp: 11511
Ion Ratio Lower Upper
142 100
141 92.9 73.4 110.0

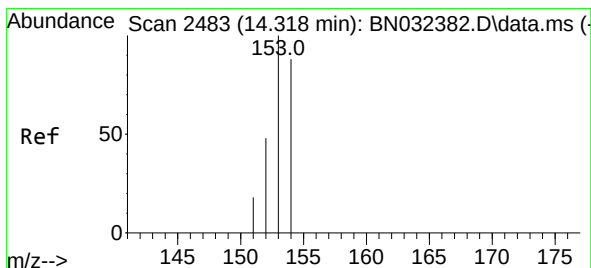
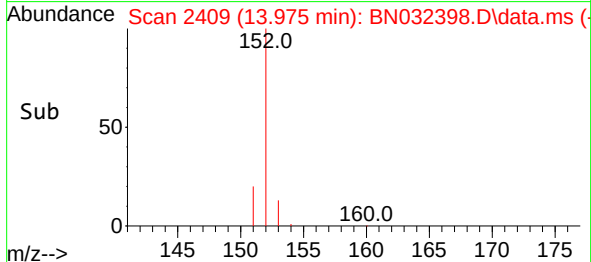
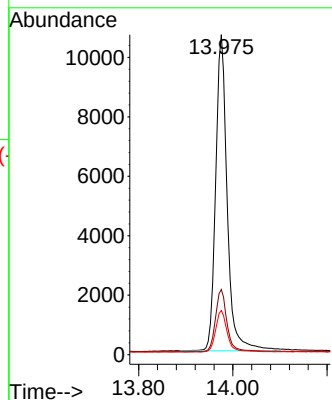
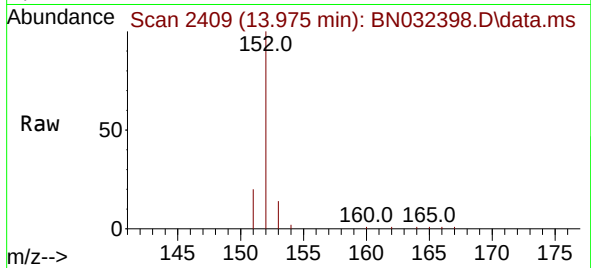




#10
Acenaphthylene
Concen: 0.318 ng/ul
RT: 13.975 min Scan# 2409
Delta R.T. -0.014 min
Lab File: BN032398.D
Acq: 02 Jul 2024 13:35

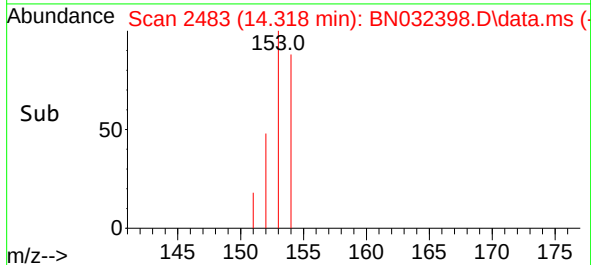
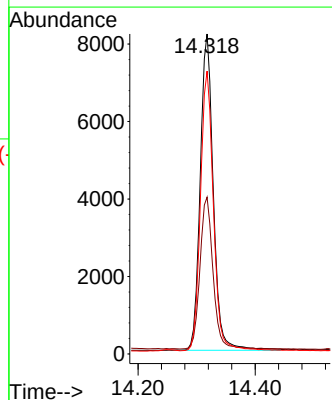
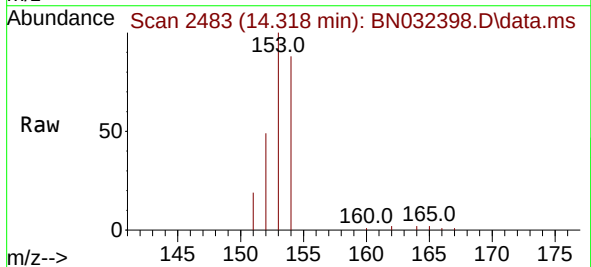
Instrument :
BNA_N
ClientSampleId :
SLCS603

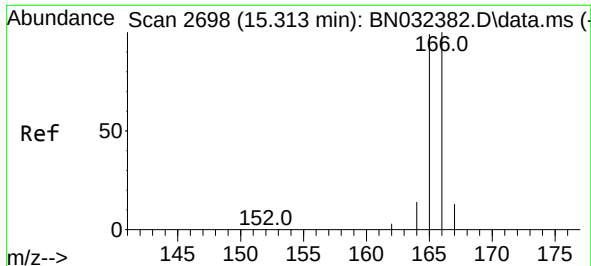
Tgt Ion:152 Resp: 18111
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 13.8 10.9 16.3



#11
Acenaphthene
Concen: 0.289 ng/ul
RT: 14.318 min Scan# 2483
Delta R.T. -0.014 min
Lab File: BN032398.D
Acq: 02 Jul 2024 13:35

Tgt Ion:153 Resp: 12738
Ion Ratio Lower Upper
153 100
152 49.0 39.5 59.3
154 88.4 71.7 107.5

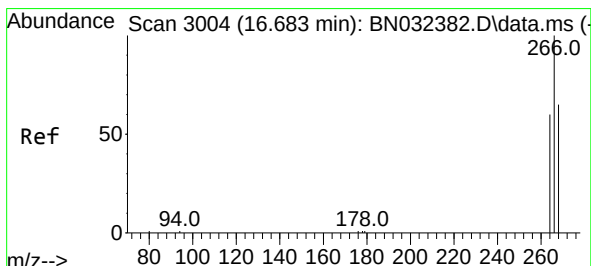
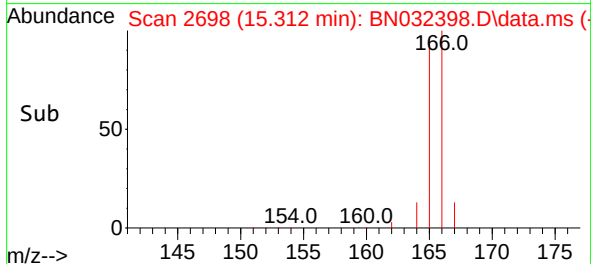
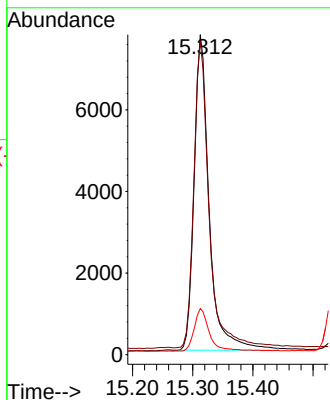
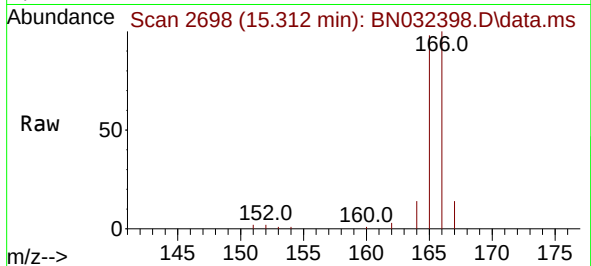




#12
 Fluorene
 Concen: 0.255 ng/ul
 RT: 15.312 min Scan# 2698
 Delta R.T. -0.014 min
 Lab File: BN032398.D
 Acq: 02 Jul 2024 13:35

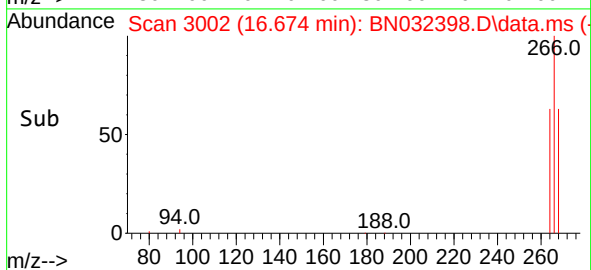
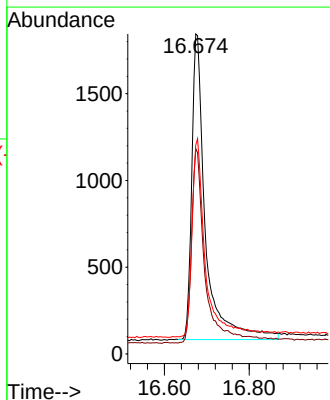
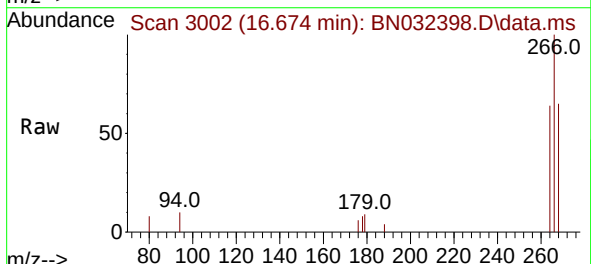
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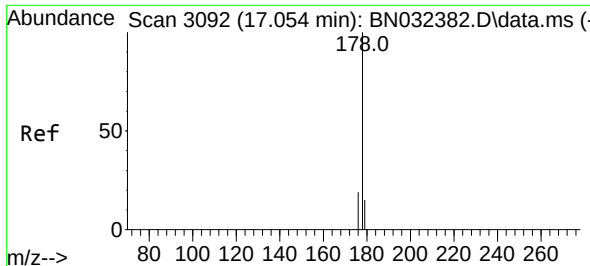
Tgt Ion:166 Resp: 13422
 Ion Ratio Lower Upper
 166 100
 165 98.1 79.0 118.6
 167 14.4 11.0 16.6



#14
 Pentachlorophenol
 Concen: 0.678 ng/ul
 RT: 16.674 min Scan# 3002
 Delta R.T. -0.026 min
 Lab File: BN032398.D
 Acq: 02 Jul 2024 13:35

Tgt Ion:266 Resp: 3986
 Ion Ratio Lower Upper
 266 100
 264 63.9 49.9 74.9
 268 64.2 52.4 78.6

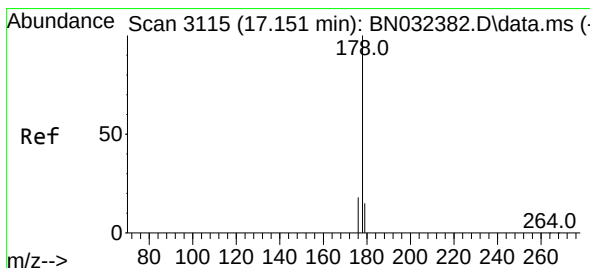
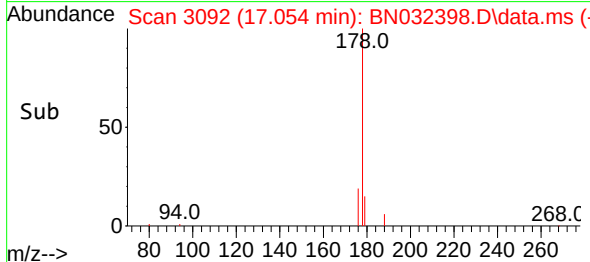
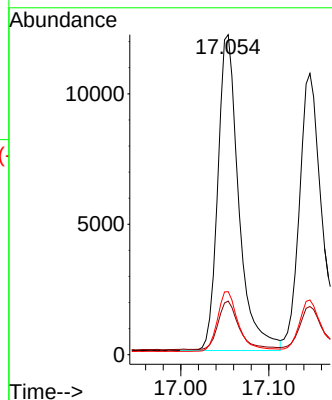
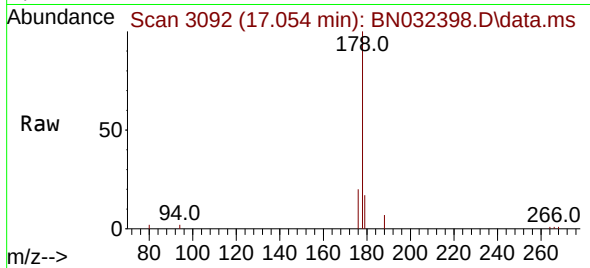




#15
Phenanthrene
Concen: 0.282 ng/ul
RT: 17.054 min Scan# 3092
Delta R.T. -0.013 min
Lab File: BN032398.D
Acq: 02 Jul 2024 13:35

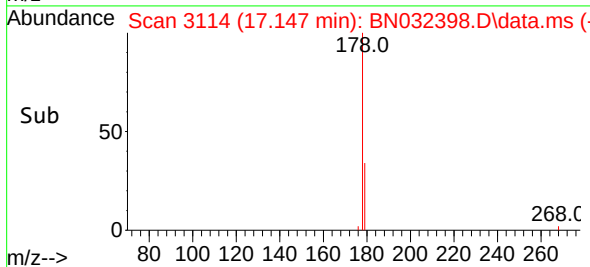
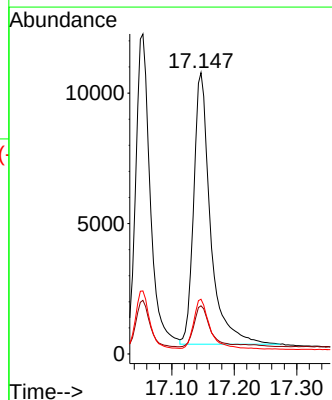
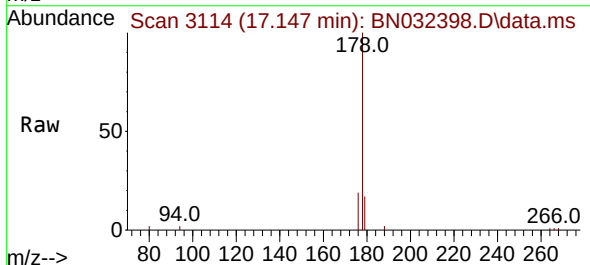
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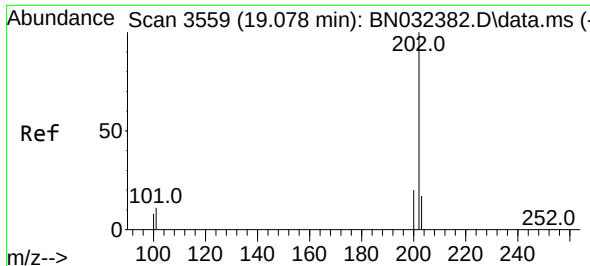
Tgt Ion:178 Resp: 20067
Ion Ratio Lower Upper
178 100
179 16.7 12.6 18.8
176 19.7 15.6 23.4



#16
Anthracene
Concen: 0.305 ng/ul
RT: 17.147 min Scan# 3114
Delta R.T. -0.013 min
Lab File: BN032398.D
Acq: 02 Jul 2024 13:35

Tgt Ion:178 Resp: 19405
Ion Ratio Lower Upper
178 100
179 17.1 12.5 18.7
176 19.5 15.0 22.6

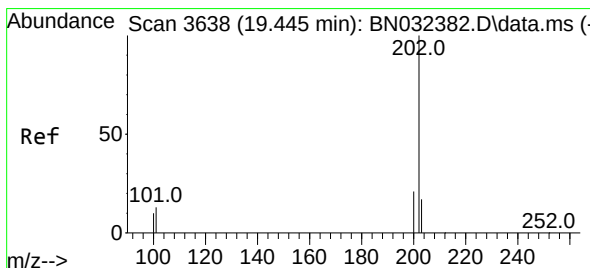
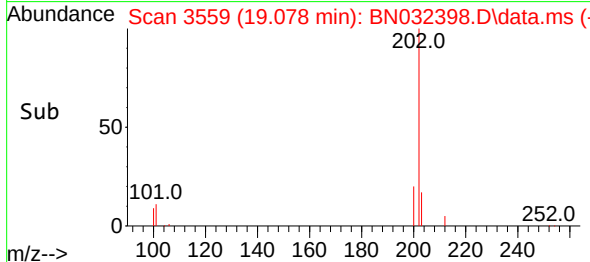
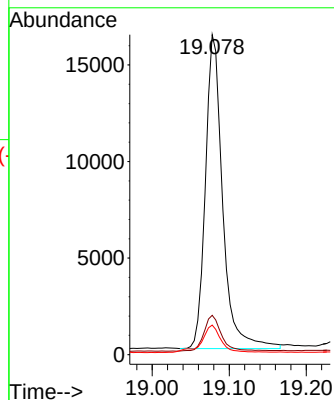
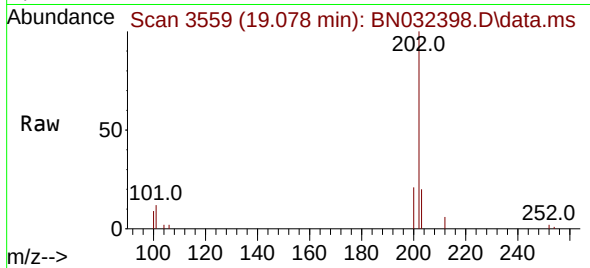




#19
Fluoranthene
Concen: 0.277 ng/ul
RT: 19.078 min Scan# 3559
Delta R.T. -0.014 min
Lab File: BN032398.D
Acq: 02 Jul 2024 13:35

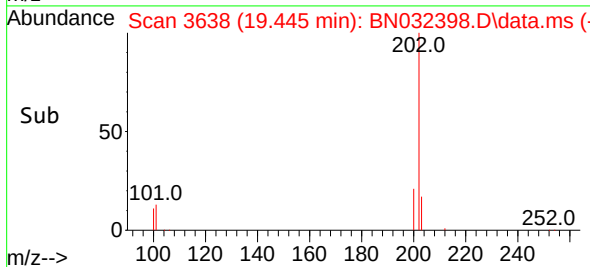
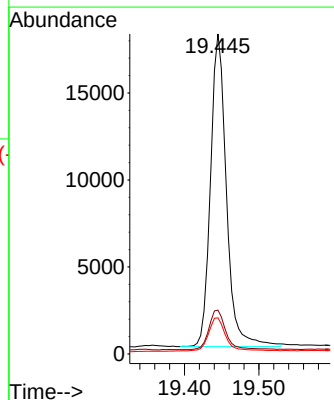
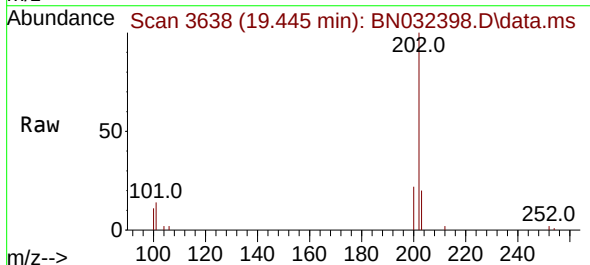
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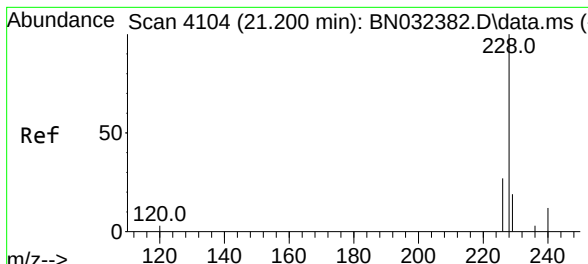
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.8	13.2
100	9.2	6.4	9.6



#20
Pyrene
Concen: 0.280 ng/ul
RT: 19.445 min Scan# 3638
Delta R.T. -0.009 min
Lab File: BN032398.D
Acq: 02 Jul 2024 13:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.0	16.4
100	11.3	8.7	13.1

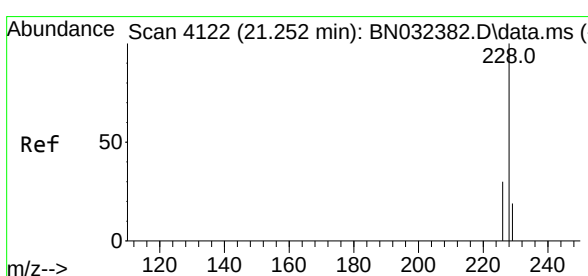
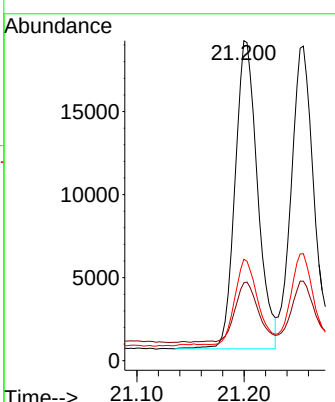
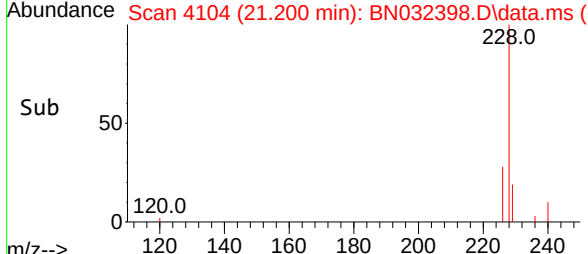
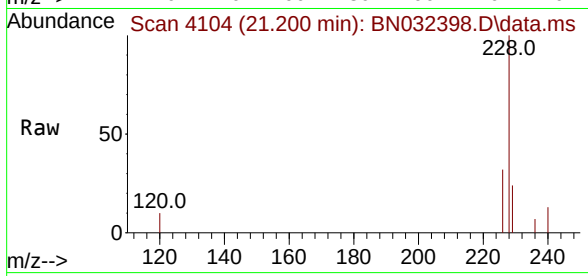




#21
Benzo(a)anthracene
Concen: 0.313 ng/ul
RT: 21.200 min Scan# 4104
Delta R.T. -0.015 min
Lab File: BN032398.D
Acq: 02 Jul 2024 13:35

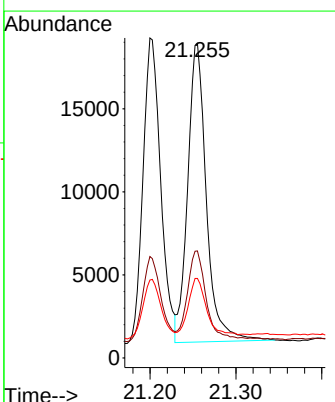
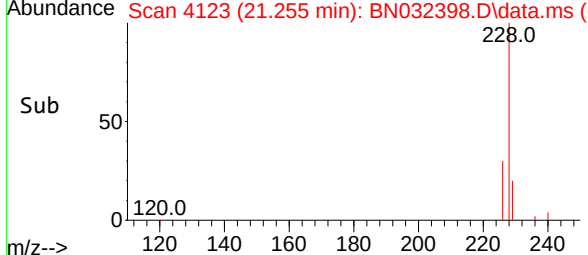
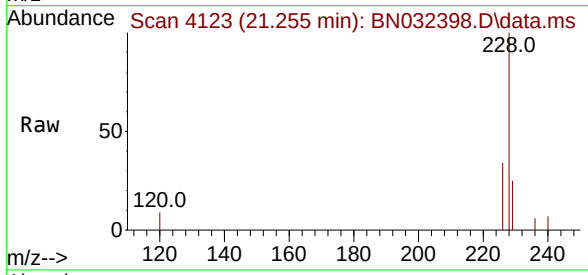
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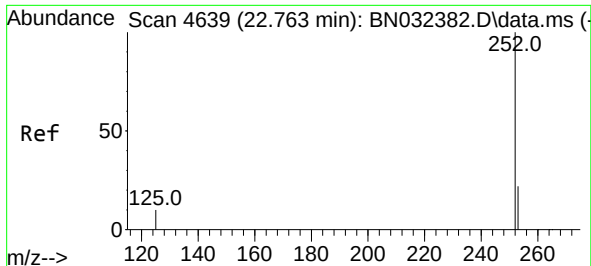
Tgt Ion:	228	Resp:	27074
Ion Ratio	Lower	Upper	
228	100		
229	24.4	15.7	23.5#
226	31.7	21.8	32.8



#22
Chrysene
Concen: 0.285 ng/ul
RT: 21.255 min Scan# 4123
Delta R.T. -0.012 min
Lab File: BN032398.D
Acq: 02 Jul 2024 13:35

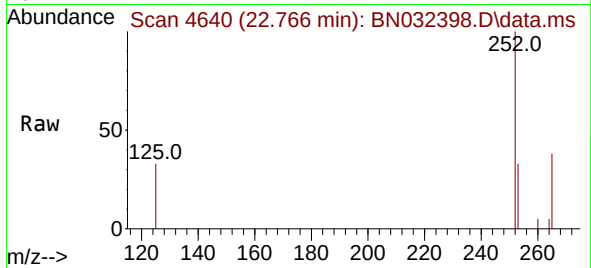
Tgt Ion:	228	Resp:	27116
Ion Ratio	Lower	Upper	
228	100		
226	34.0	23.6	35.4
229	25.3	15.7	23.5#



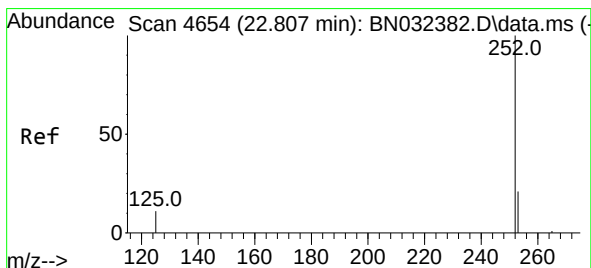
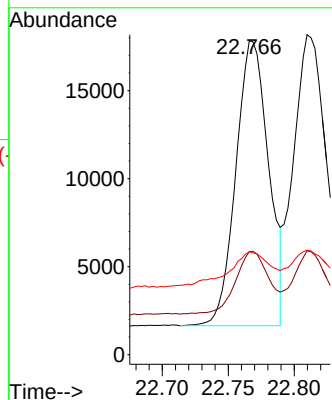


#24
Benzo(b)fluoranthene
Concen: 0.226 ng/ul
RT: 22.766 min Scan# 4640
Delta R.T. -0.018 min
Lab File: BN032398.D
Acq: 02 Jul 2024 13:35

Instrument :
BNA_N
ClientSampleId :
SLCS603

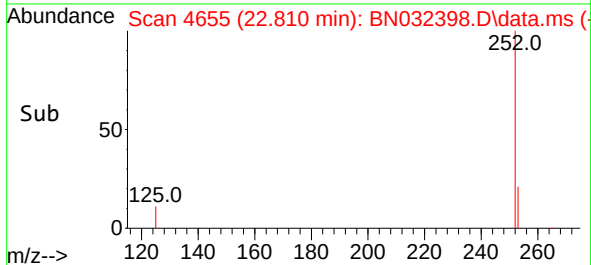
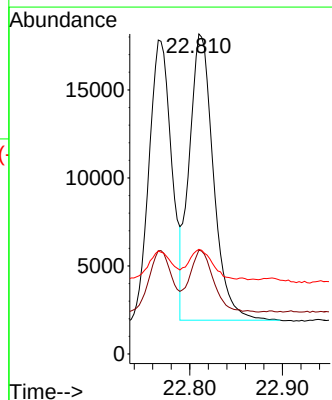
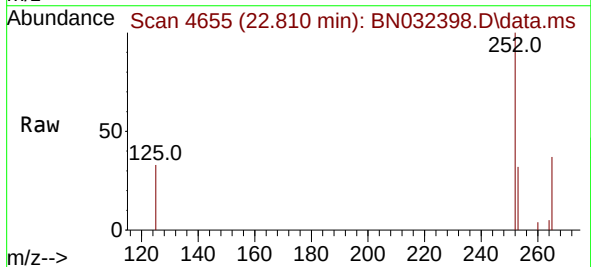


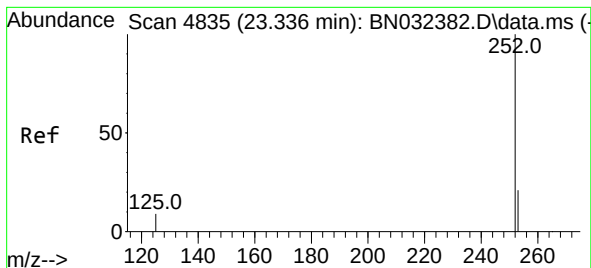
Tgt Ion:252 Resp: 27913
Ion Ratio Lower Upper
252 100
253 32.9 0.0 50.2
125 32.8 0.0 32.0#



#25
Benzo(k)fluoranthene
Concen: 0.246 ng/ul
RT: 22.810 min Scan# 4655
Delta R.T. -0.018 min
Lab File: BN032398.D
Acq: 02 Jul 2024 13:35

Tgt Ion:252 Resp: 29428
Ion Ratio Lower Upper
252 100
253 32.5 20.3 30.5#
125 32.7 12.8 19.2#





#26

Benzo(a)pyrene

Concen: 0.322 ng/ul

RT: 23.339 min Scan# 4835

Delta R.T. -0.021 min

Lab File: BN032398.D

Acq: 02 Jul 2024 13:35

Instrument :

BNA_N

ClientSampleId :

SLCS603

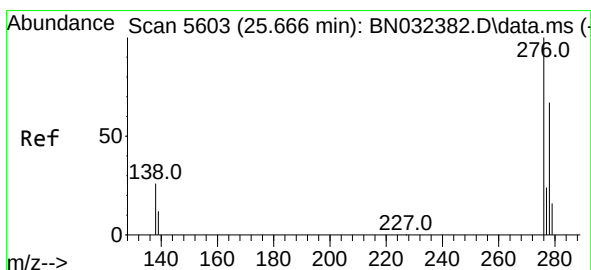
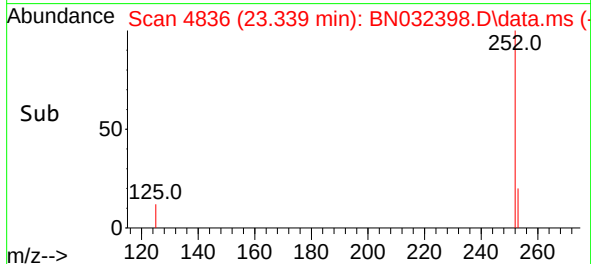
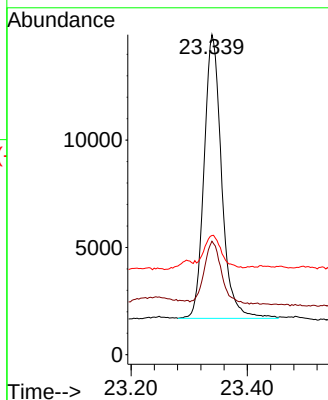
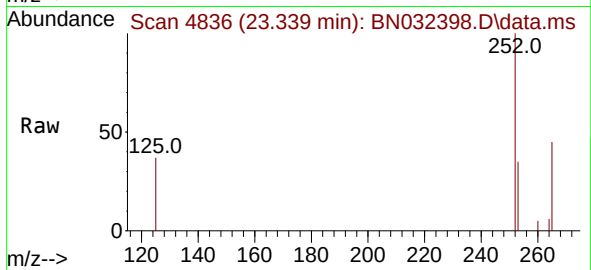
Tgt Ion:252 Resp: 27669

Ion Ratio Lower Upper

252 100

253 35.5 22.2 33.2#

125 37.2 16.4 24.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.261 ng/ul

RT: 25.673 min Scan# 5605

Delta R.T. -0.027 min

Lab File: BN032398.D

Acq: 02 Jul 2024 13:35

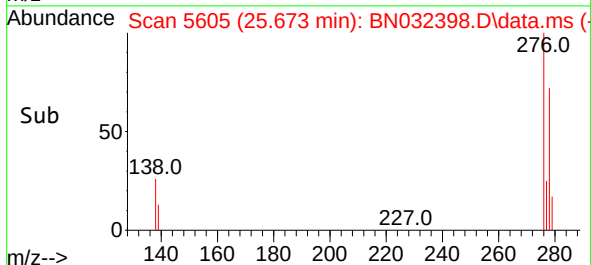
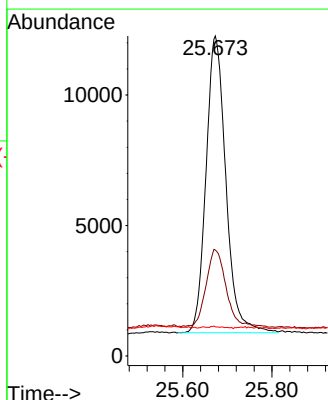
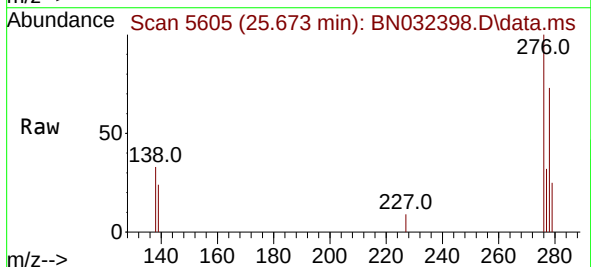
Tgt Ion:276 Resp: 35106

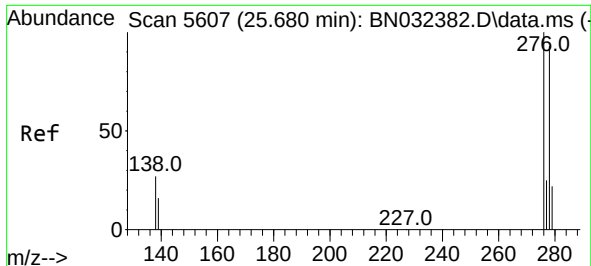
Ion Ratio Lower Upper

276 100

138 26.7 21.3 31.9

227 0.5 0.1 0.1#

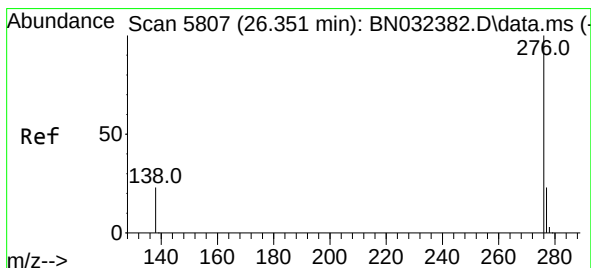
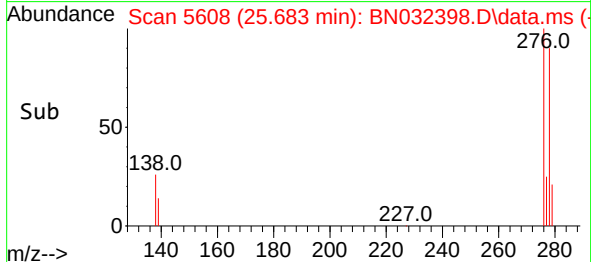
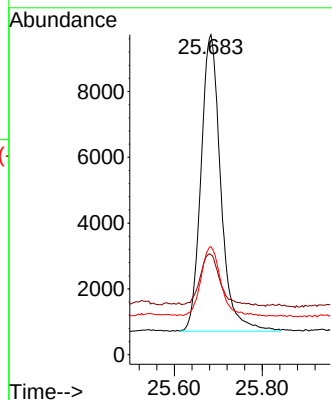
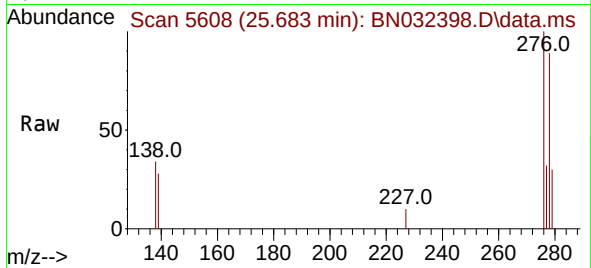




#28
Dibenzo(a,h)anthracene
Concen: 0.282 ng/ul
RT: 25.683 min Scan# 5608
Delta R.T. -0.027 min
Lab File: BN032398.D
Acq: 02 Jul 2024 13:35

Instrument :
BNA_N
ClientSampleId :
SLCS603

Tgt Ion:278 Resp: 28167
Ion Ratio Lower Upper
278 100
139 31.2 15.9 23.9#
279 33.7 21.1 31.7#



#29
Benzo(g,h,i)perylene
Concen: 0.269 ng/ul
RT: 26.357 min Scan# 5809
Delta R.T. -0.024 min
Lab File: BN032398.D
Acq: 02 Jul 2024 13:35

Tgt Ion:276 Resp: 28793
Ion Ratio Lower Upper
276 100
138 31.9 19.8 29.6#
277 32.5 19.8 29.6#

