

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
 Data File : BN033014.D
 Acq On : 27 Jul 2024 01:27
 Operator : MA/JU
 Sample : PB162101BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS101

Quant Time: Jul 27 02:05:13 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

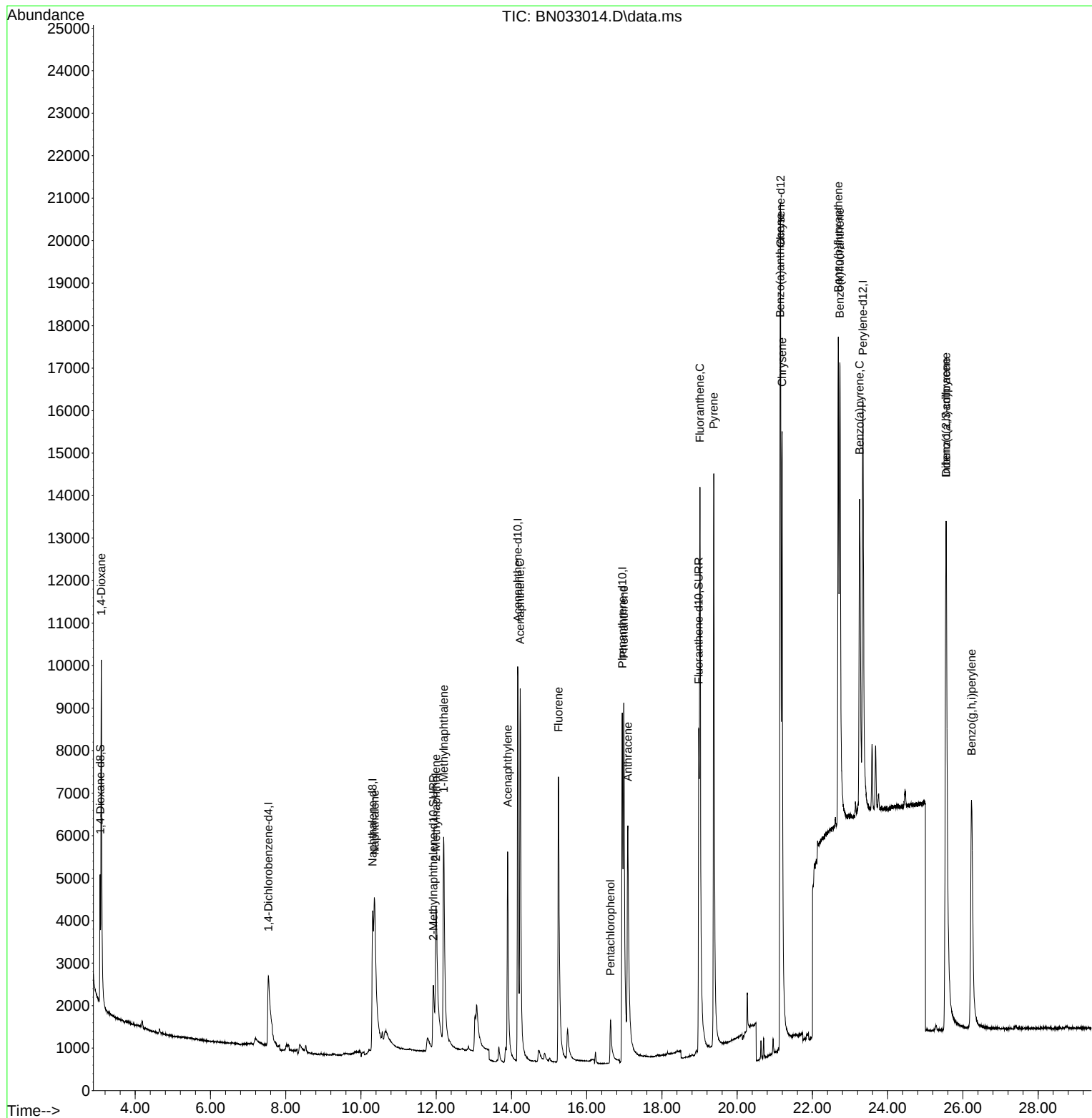
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.537	152	2727	0.400	ng/ul	0.00
4) Naphthalene-d8	10.311	136	11397	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.166	164	7492	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.945	188	15904	0.400	ng/ul	0.00
17) Chrysene-d12	21.154	240	14616	0.400	ng/ul	0.00
23) Perylene-d12	23.340	264	16348	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.069	96	2138	0.620	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.923	152	5077	0.273	ng/ul	0.01
18) Fluoranthene-d10	18.977	212	13049	0.315	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.098	88	6282	1.597	ng/ul#	70
5) Naphthalene	10.361	128	8888	0.304	ng/ul	99
7) 2-Methylnaphthalene	11.994	142	5579	0.281	ng/ul	99
8) 1-Methylnaphthalene	12.198	142	5975	0.279	ng/ul	100
10) Acenaphthylene	13.898	152	8949	0.292	ng/ul	99
11) Acenaphthene	14.231	153	7448	0.323	ng/ul	99
12) Fluorene	15.249	166	7891	0.294	ng/ul	100
14) Pentachlorophenol	16.633	266	1515	0.468	ng/ul	99
15) Phenanthrene	16.988	178	12196	0.286	ng/ul	99
16) Anthracene	17.093	178	10439	0.272	ng/ul	99
19) Fluoranthene	19.009	202	15875	0.330	ng/ul	99
20) Pyrene	19.376	202	17287	0.335	ng/ul	99
21) Benzo(a)anthracene	21.140	228	14650	0.294	ng/ul	99
22) Chrysene	21.192	228	18873	0.324	ng/ul	98
24) Benzo(b)fluoranthene	22.685	252	15668	0.328	ng/ul	96
25) Benzo(k)fluoranthene	22.729	252	19644	0.343	ng/ul	96
26) Benzo(a)pyrene	23.255	252	16062	0.357	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.554	276	18629	0.273	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.550	278	14470	0.267	ng/ul	97
29) Benzo(g,h,i)perylene	26.228	276	14709	0.271	ng/ul	98

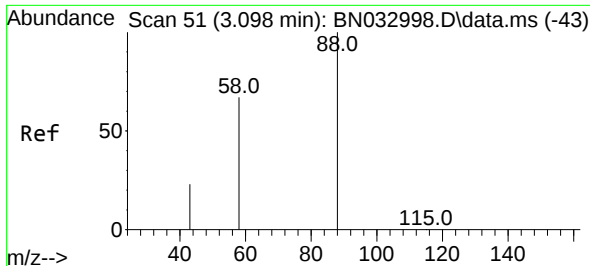
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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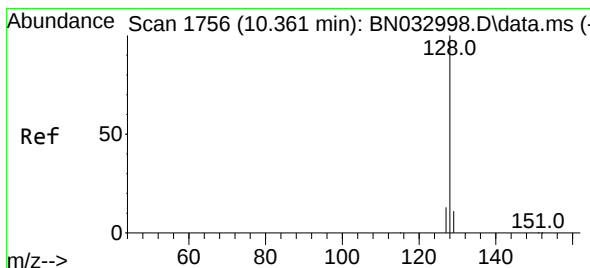
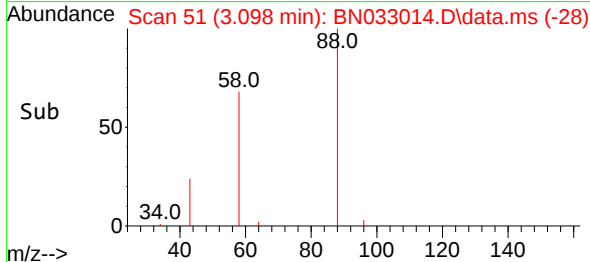
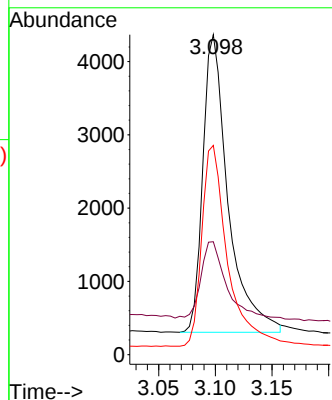
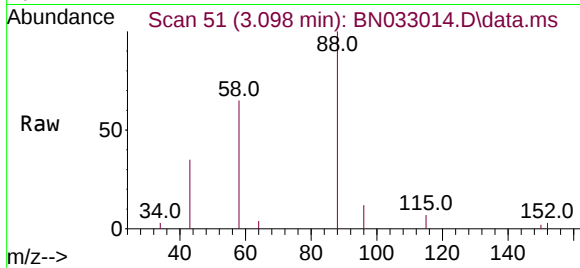




#2
1,4-Dioxane
Concen: 1.597 ng/ul
RT: 3.098 min Scan# 51
Delta R.T. -0.004 min
Lab File: BN033014.D
Acq: 27 Jul 2024 01:27

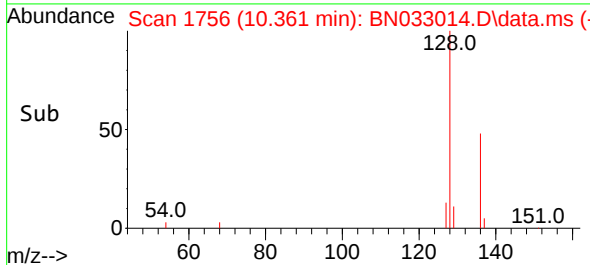
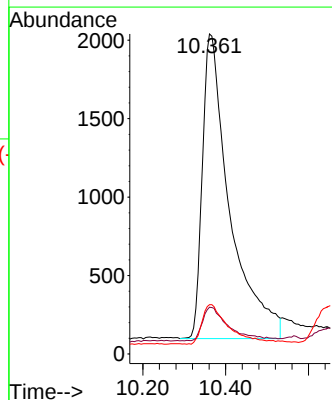
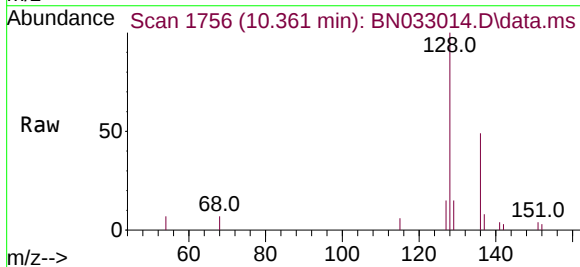
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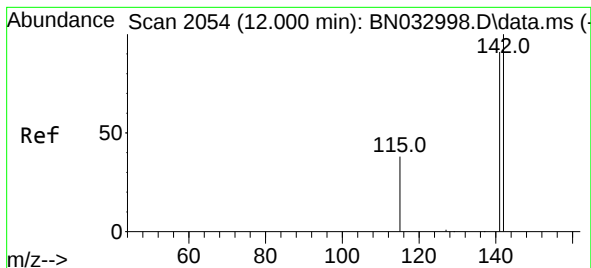
Tgt Ion: 88 Resp: 6282
Ion Ratio Lower Upper
88 100
43 35.3 63.4 95.2#
58 65.4 49.4 74.0



#5
Naphthalene
Concen: 0.304 ng/ul
RT: 10.361 min Scan# 1756
Delta R.T. 0.011 min
Lab File: BN033014.D
Acq: 27 Jul 2024 01:27

Tgt Ion:128 Resp: 8888
Ion Ratio Lower Upper
128 100
129 14.6 12.0 18.0
127 15.4 12.7 19.1

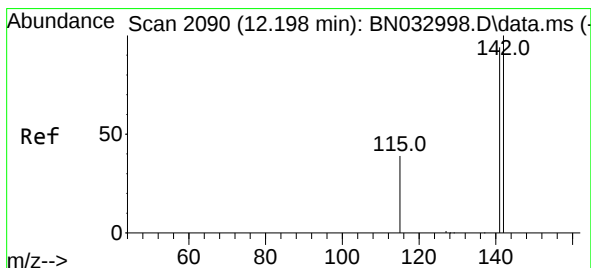
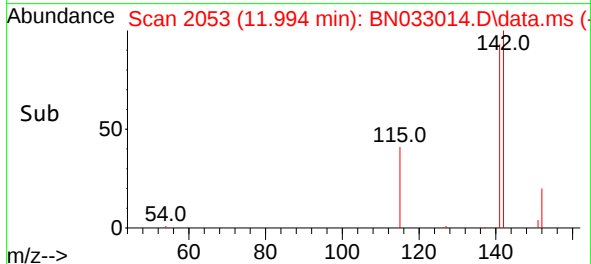
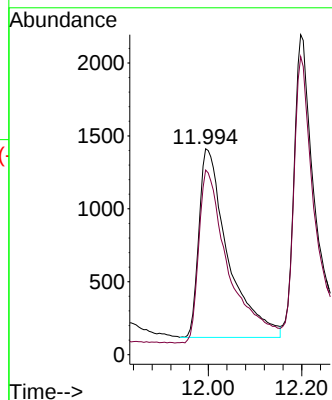
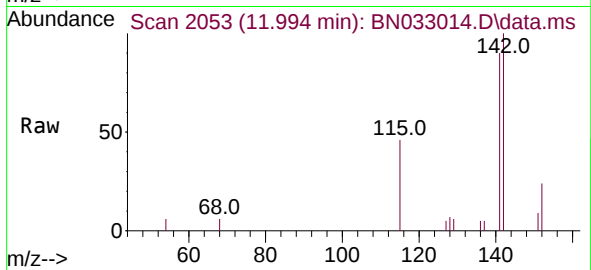




#7
2-Methylnaphthalene
Concen: 0.281 ng/ul
RT: 11.994 min Scan# 2053
Delta R.T. 0.011 min
Lab File: BN033014.D
Acq: 27 Jul 2024 01:27

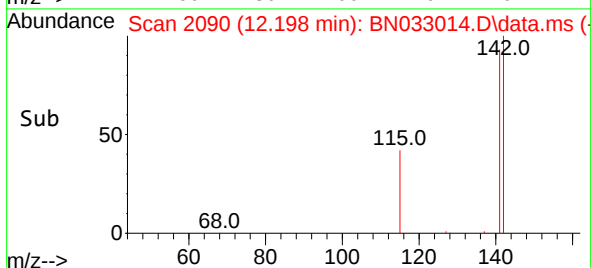
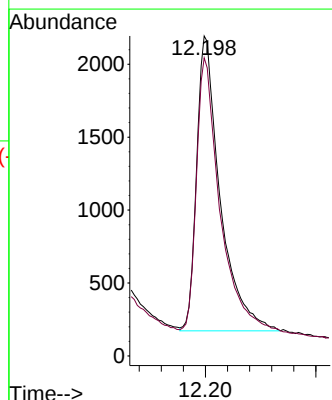
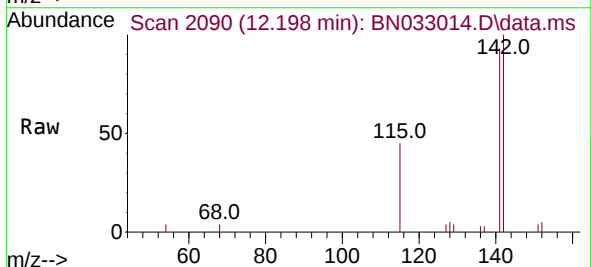
Instrument :
BNA_N
ClientSampleId :
SLCS101

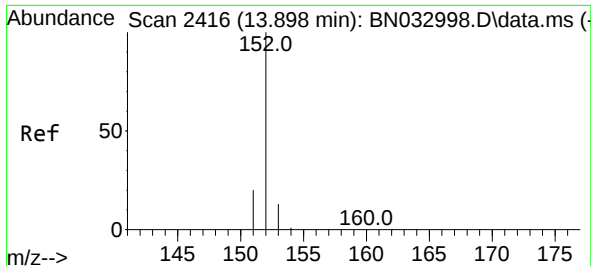
Tgt Ion:142 Resp: 5579
Ion Ratio Lower Upper
142 100
141 95.1 75.2 112.8



#8
1-Methylnaphthalene
Concen: 0.279 ng/ul
RT: 12.198 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BN033014.D
Acq: 27 Jul 2024 01:27

Tgt Ion:142 Resp: 5975
Ion Ratio Lower Upper
142 100
141 93.1 74.3 111.5

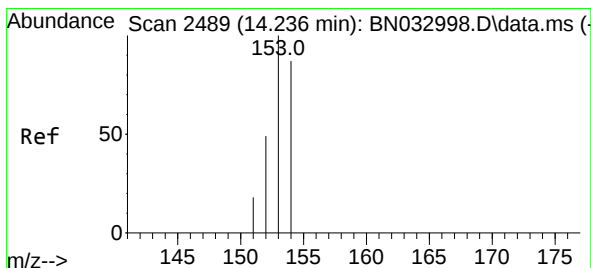
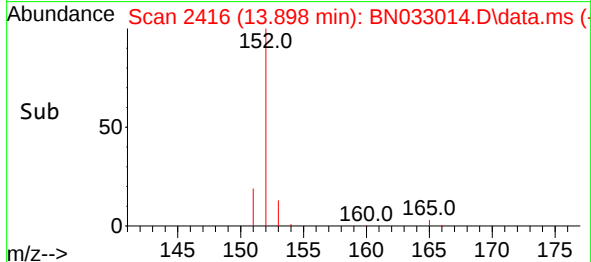
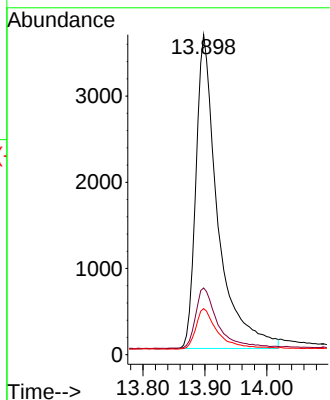
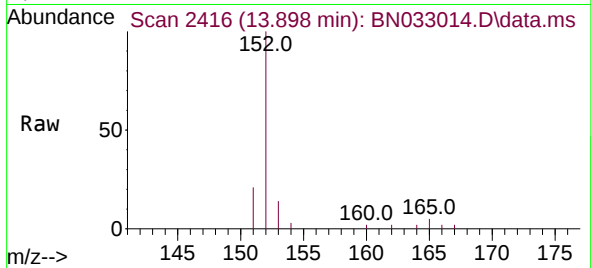




#10
Acenaphthylene
Concen: 0.292 ng/ul
RT: 13.898 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BN033014.D
Acq: 27 Jul 2024 01:27

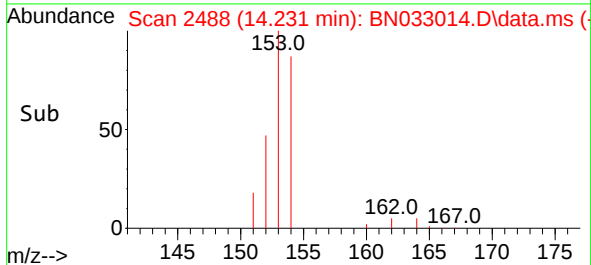
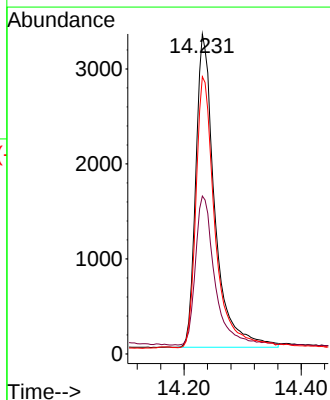
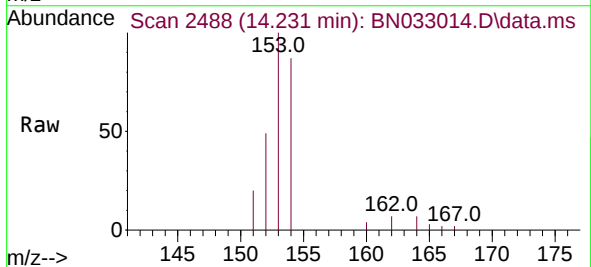
Instrument :
BNA_N
ClientSampleId :
SLCS101

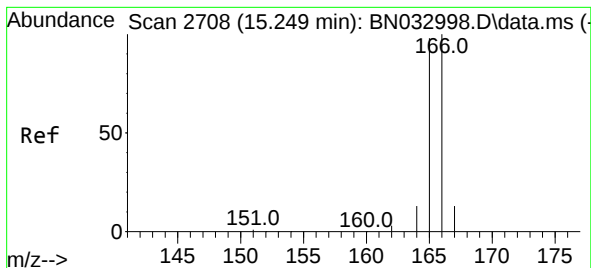
Tgt Ion:152 Resp: 8949
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2
153 14.4 11.9 17.9



#11
Acenaphthene
Concen: 0.323 ng/ul
RT: 14.231 min Scan# 2488
Delta R.T. -0.004 min
Lab File: BN033014.D
Acq: 27 Jul 2024 01:27

Tgt Ion:153 Resp: 7448
Ion Ratio Lower Upper
153 100
152 49.3 40.0 60.0
154 86.6 70.1 105.1





#12

Fluorene

Concen: 0.294 ng/ul

RT: 15.249 min Scan# 21

Delta R.T. 0.005 min

Lab File: BN033014.D

Acq: 27 Jul 2024 01:27

Instrument :

BNA_N

ClientSampleId :

SLCS101

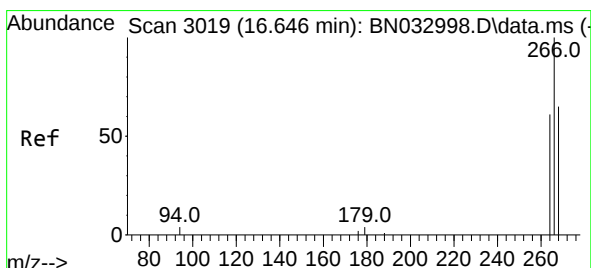
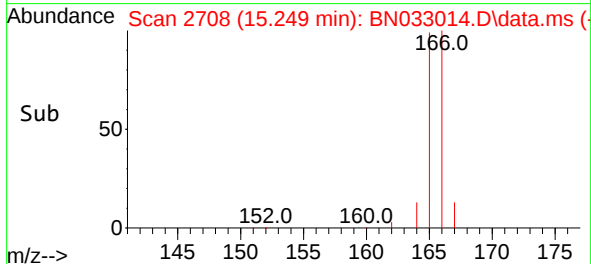
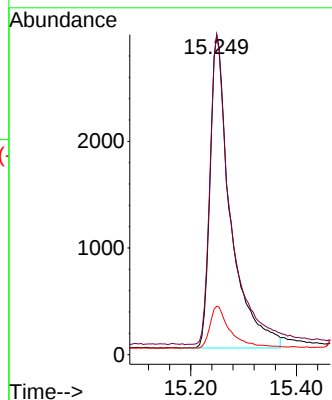
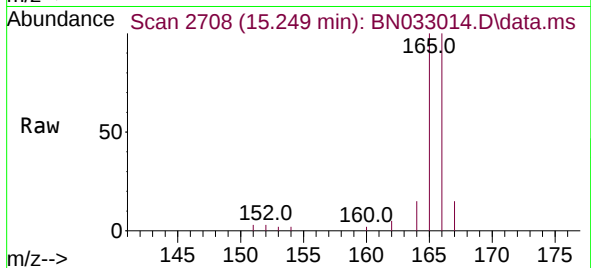
Tgt Ion:166 Resp: 7891

Ion Ratio Lower Upper

166 100

165 100.0 79.6 119.4

167 15.2 12.2 18.4



#14

Pentachlorophenol

Concen: 0.468 ng/ul

RT: 16.633 min Scan# 3016

Delta R.T. -0.004 min

Lab File: BN033014.D

Acq: 27 Jul 2024 01:27

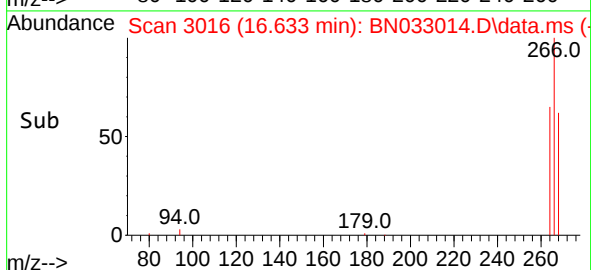
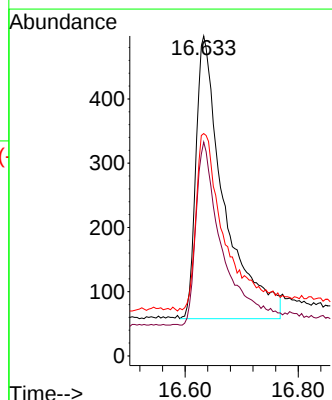
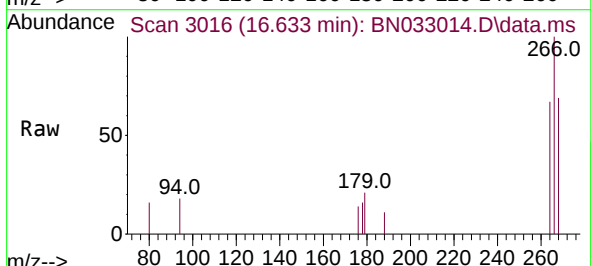
Tgt Ion:266 Resp: 1515

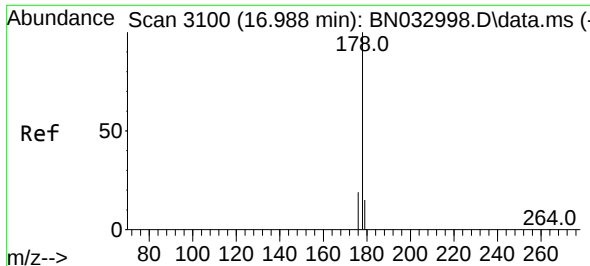
Ion Ratio Lower Upper

266 100

264 62.4 49.3 73.9

268 65.3 51.8 77.8

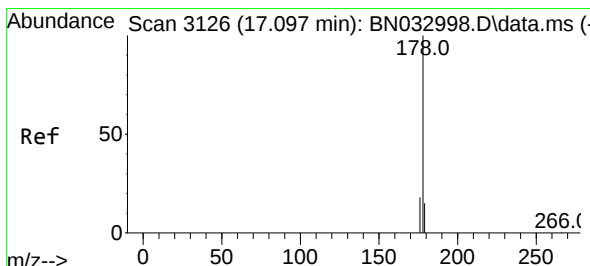
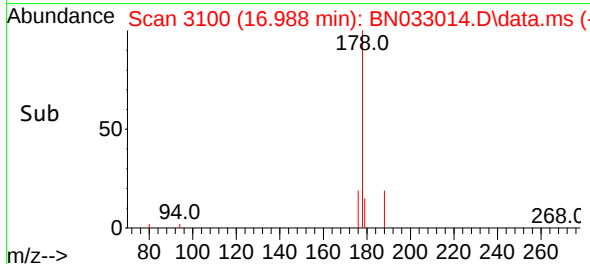
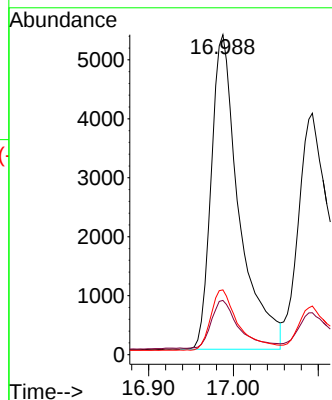
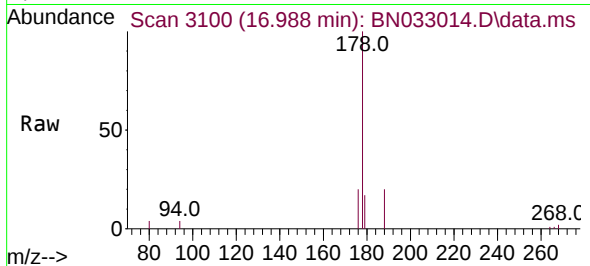




#15
Phenanthrene
Concen: 0.286 ng/ul
RT: 16.988 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BN033014.D
Acq: 27 Jul 2024 01:27

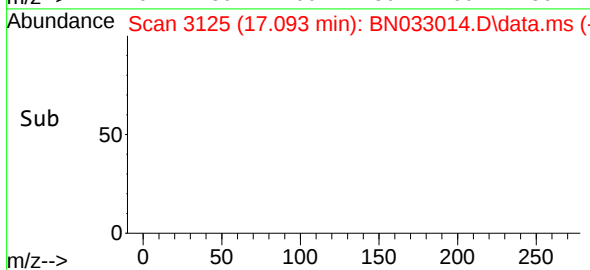
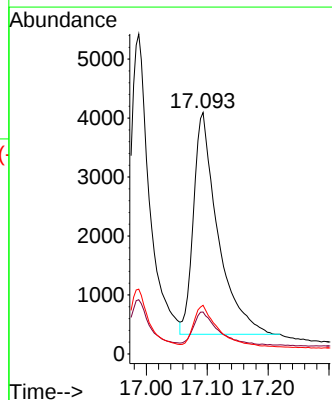
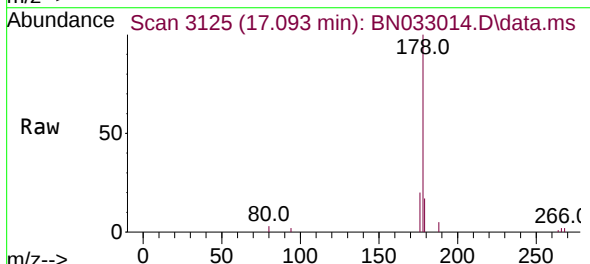
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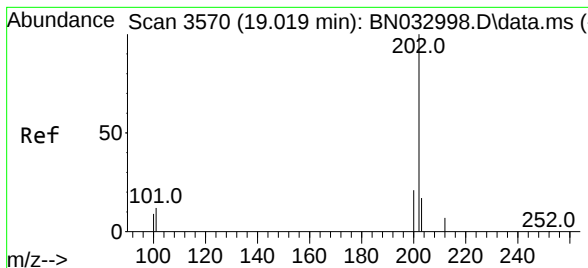
Tgt Ion:	178	Resp:	12196
Ion Ratio	Lower	Upper	
178	100		
179	17.0	13.7	20.5
176	20.3	15.9	23.9



#16
Anthracene
Concen: 0.272 ng/ul
RT: 17.093 min Scan# 3125
Delta R.T. 0.009 min
Lab File: BN033014.D
Acq: 27 Jul 2024 01:27

Tgt Ion:	178	Resp:	10439
Ion Ratio	Lower	Upper	
178	100		
179	17.4	14.3	21.5
176	20.2	15.8	23.8





#19

Fluoranthene

Concen: 0.330 ng/ul

RT: 19.009 min Scan# 3568

Delta R.T. -0.004 min

Lab File: BN033014.D

Acq: 27 Jul 2024 01:27

Instrument :

BNA_N

ClientSampleId :

SLCS101

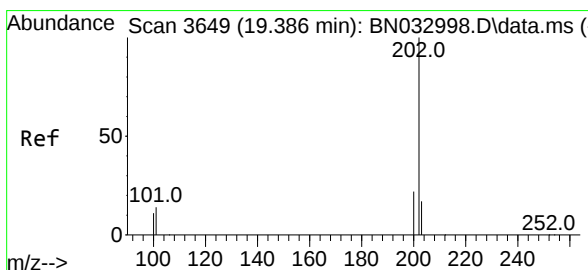
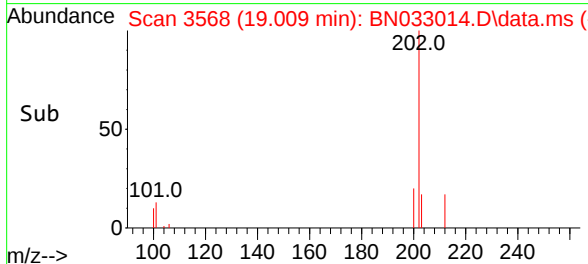
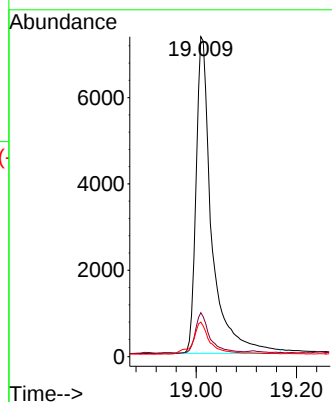
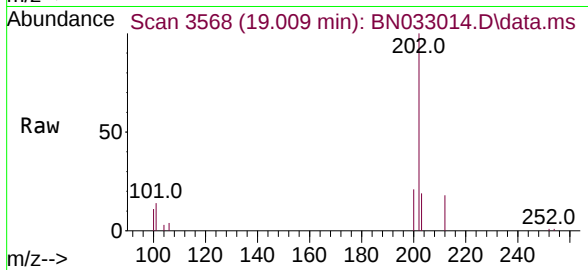
Tgt Ion:202 Resp: 15875

Ion Ratio Lower Upper

202 100

101 13.8 10.7 16.1

100 10.8 8.3 12.5



#20

Pyrene

Concen: 0.335 ng/ul

RT: 19.376 min Scan# 3647

Delta R.T. -0.004 min

Lab File: BN033014.D

Acq: 27 Jul 2024 01:27

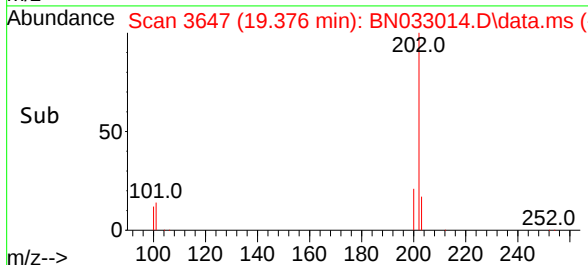
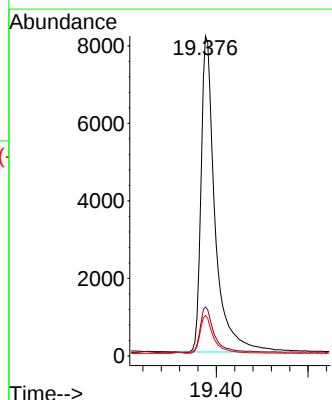
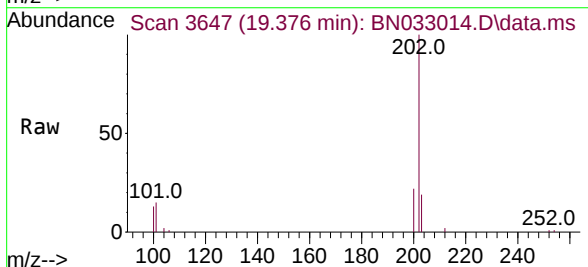
Tgt Ion:202 Resp: 17287

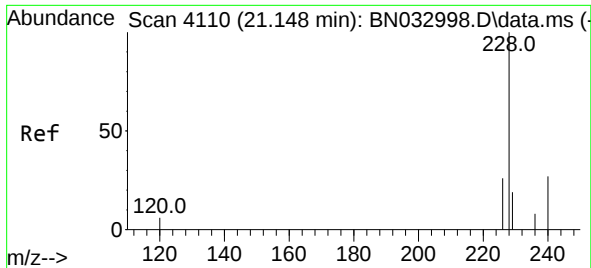
Ion Ratio Lower Upper

202 100

101 15.3 12.6 18.8

100 12.7 9.9 14.9

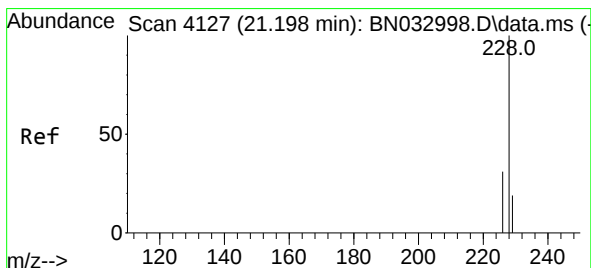
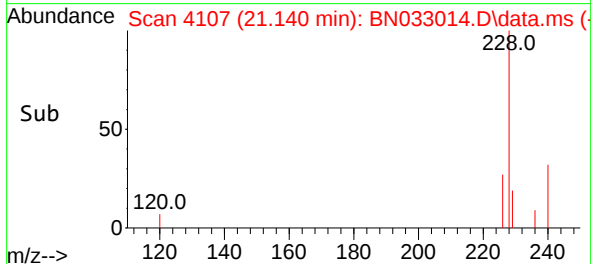
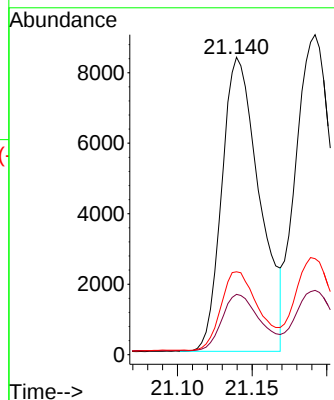
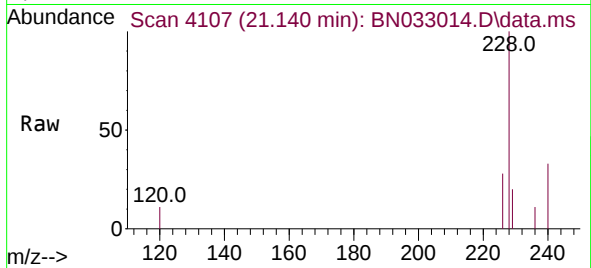




#21
Benzo(a)anthracene
Concen: 0.294 ng/ul
RT: 21.140 min Scan# 4110
Delta R.T. -0.006 min
Lab File: BN033014.D
Acq: 27 Jul 2024 01:27

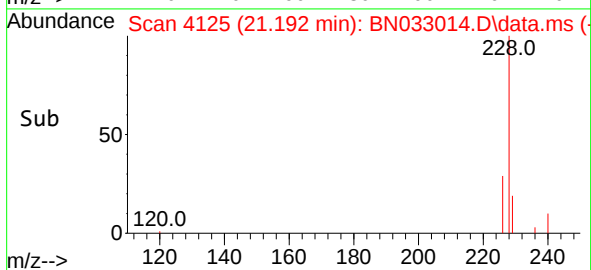
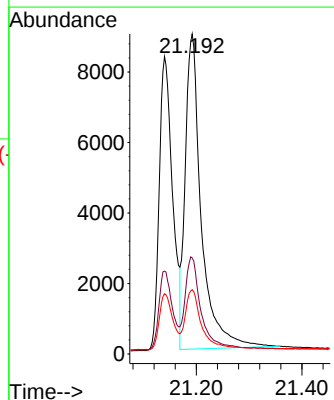
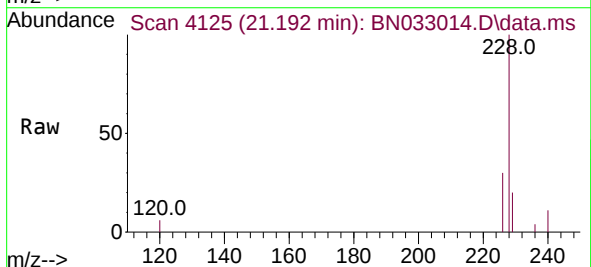
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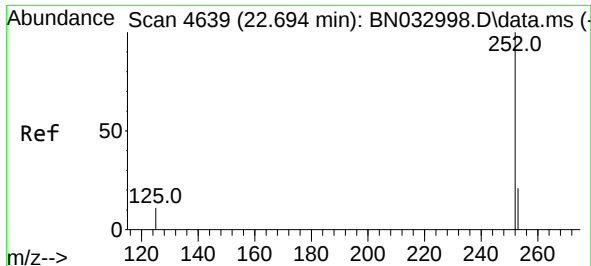
Tgt Ion:228 Resp: 14650
Ion Ratio Lower Upper
228 100
229 20.3 17.1 25.7
226 27.9 22.4 33.6



#22
Chrysene
Concen: 0.324 ng/ul
RT: 21.192 min Scan# 4125
Delta R.T. -0.003 min
Lab File: BN033014.D
Acq: 27 Jul 2024 01:27

Tgt Ion:228 Resp: 18873
Ion Ratio Lower Upper
228 100
226 30.0 24.7 37.1
229 20.1 17.0 25.6

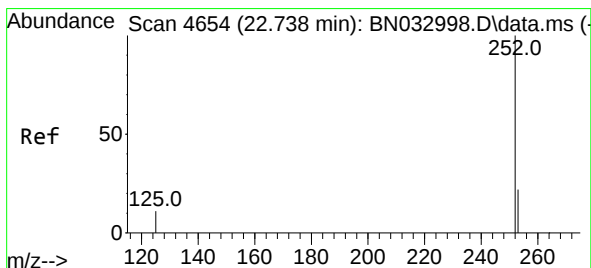
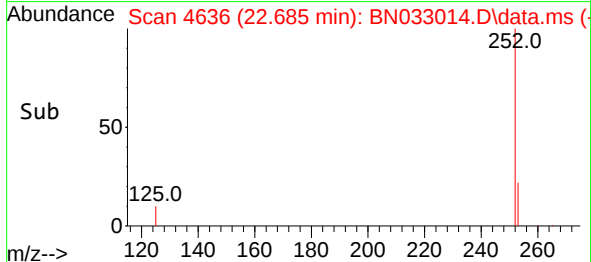
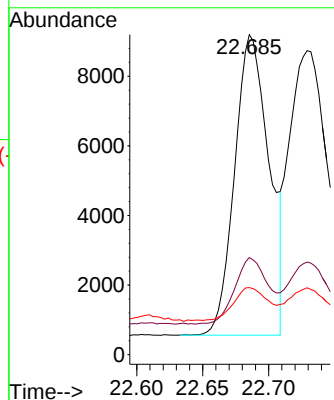
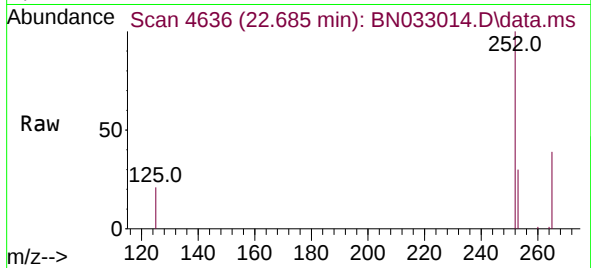




#24
Benzo(b)fluoranthene
Concen: 0.328 ng/ul
RT: 22.685 min Scan# 4636
Delta R.T. -0.009 min
Lab File: BN033014.D
Acq: 27 Jul 2024 01:27

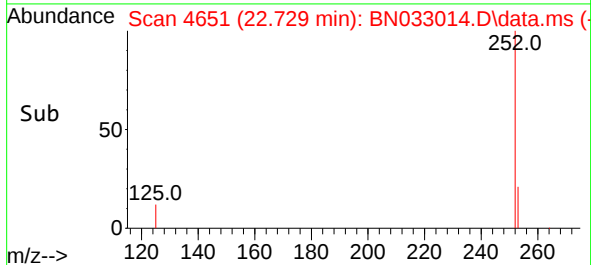
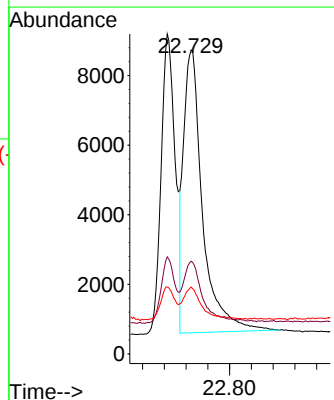
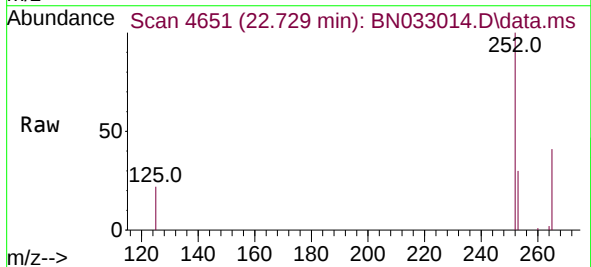
Instrument :
BNA_N
ClientSampleId :
SLCS101

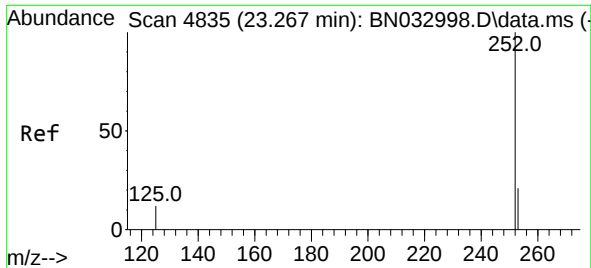
Tgt Ion:252 Resp: 15668
Ion Ratio Lower Upper
252 100
253 30.3 0.0 60.6
125 21.0 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 0.343 ng/ul
RT: 22.729 min Scan# 4651
Delta R.T. -0.006 min
Lab File: BN033014.D
Acq: 27 Jul 2024 01:27

Tgt Ion:252 Resp: 19644
Ion Ratio Lower Upper
252 100
253 30.5 24.9 37.3
125 22.0 20.9 31.3

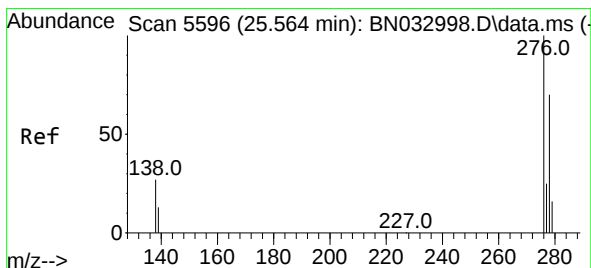
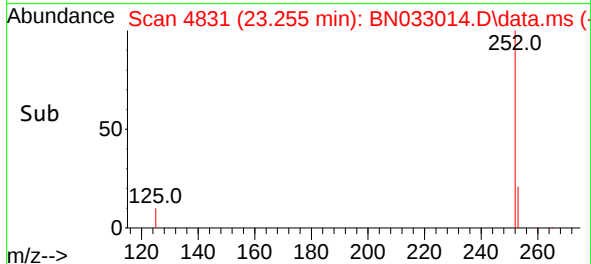
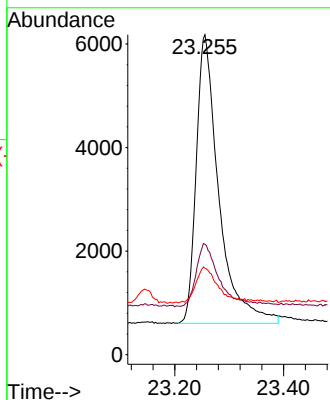
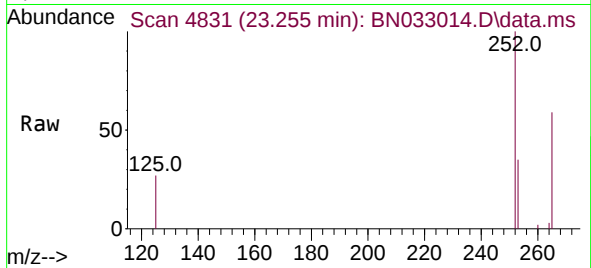




#26
Benzo(a)pyrene
Concen: 0.357 ng/ul
RT: 23.255 min Scan# 4831
Delta R.T. -0.006 min
Lab File: BN033014.D
Acq: 27 Jul 2024 01:27

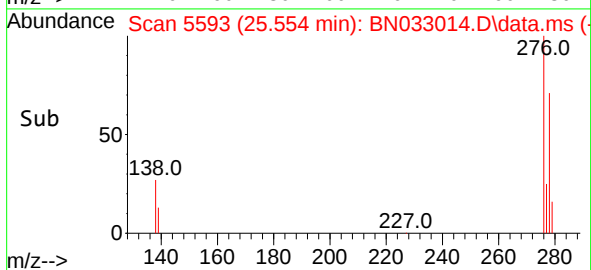
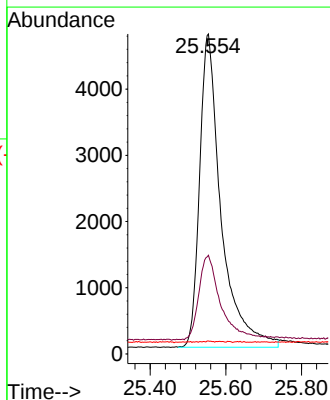
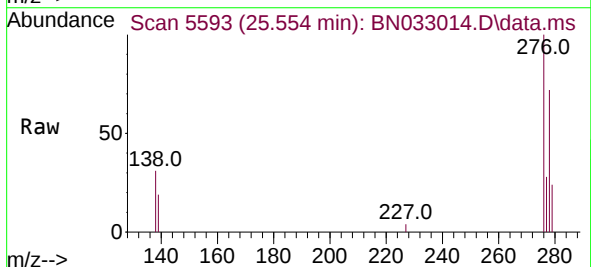
Instrument :
BNA_N
ClientSampleId :
SLCS101

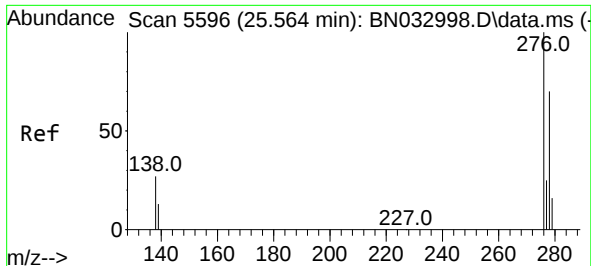
Tgt Ion:252	Resp:	16062
Ion Ratio	Lower	Upper
252	100	
253	34.6	27.5 41.3
125	27.1	27.0 40.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.273 ng/ul
RT: 25.554 min Scan# 5593
Delta R.T. -0.007 min
Lab File: BN033014.D
Acq: 27 Jul 2024 01:27

Tgt Ion:276	Resp:	18629
Ion Ratio	Lower	Upper
276	100	
138	27.4	21.8 32.8
227	0.1	0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.267 ng/ul

RT: 25.550 min Scan# 51

Delta R.T. -0.010 min

Lab File: BN033014.D

Acq: 27 Jul 2024 01:27

Instrument :

BNA_N

ClientSampleId :

SLCS101

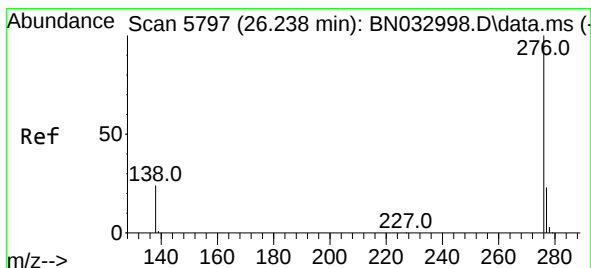
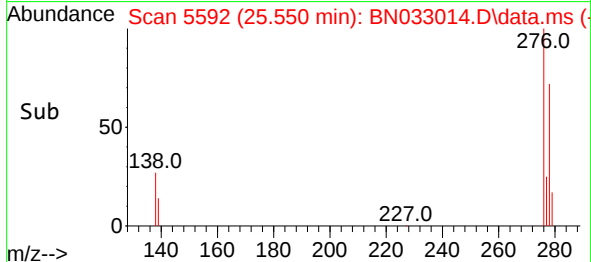
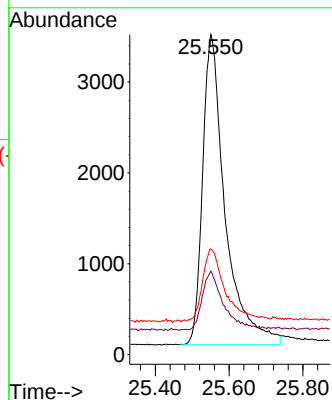
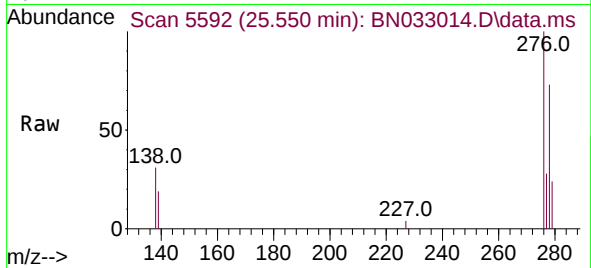
Tgt Ion:278 Resp: 14470

Ion Ratio Lower Upper

278 100

139 26.1 22.5 33.7

279 33.0 25.5 38.3



#29

Benzo(g,h,i)perylene

Concen: 0.271 ng/ul

RT: 26.228 min Scan# 5794

Delta R.T. -0.013 min

Lab File: BN033014.D

Acq: 27 Jul 2024 01:27

Tgt Ion:276 Resp: 14709

Ion Ratio Lower Upper

276 100

138 29.4 24.6 37.0

277 27.2 22.6 34.0

