

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070823\
 Data File : BN026397.D
 Acq On : 08 Jul 2023 22:17
 Operator : MA/JU
 Sample : 03350-04MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YBW27MSD

Quant Time: Jul 08 23:54:31 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 08 09:20:18 2023
 Response via : Initial Calibration

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

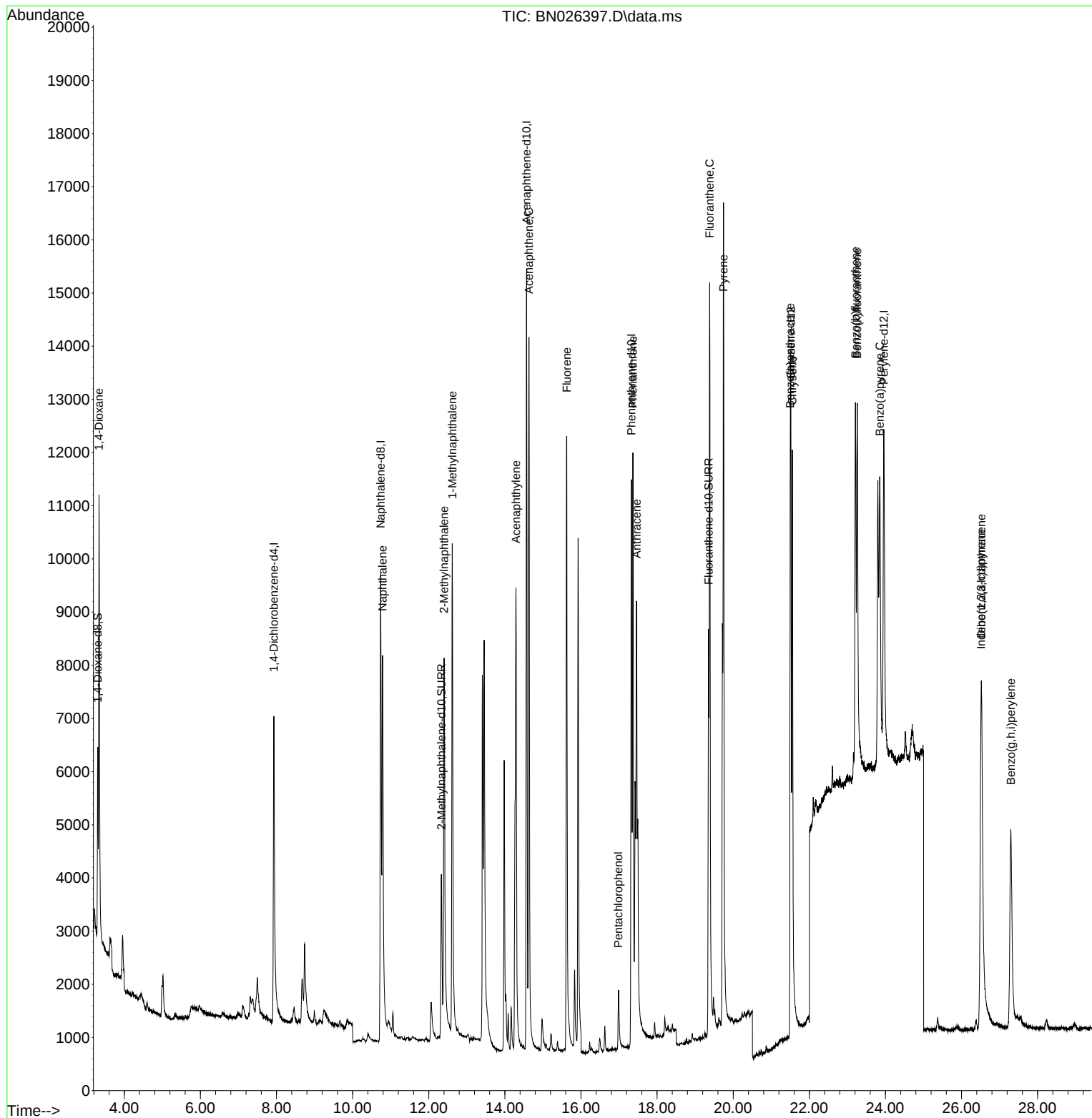
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	4687	0.400	ng/ul	0.00
4) Naphthalene-d8	10.737	136	16355	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.570	164	9256	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	15827	0.400	ng/ul	0.00
17) Chrysene-d12	21.517	240	9831	0.400	ng/ul	-0.01
23) Perylene-d12	23.958	264	9875	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	2455	0.465	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	5870	0.233	ng/ul	0.00
18) Fluoranthene-d10	19.354	212	10114	0.270	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	6188	1.104	ng/ul#	87
5) Naphthalene	10.787	128	12225	0.261	ng/ul	98
7) 2-Methylnaphthalene	12.403	142	7194	0.241	ng/ul	100
8) 1-Methylnaphthalene	12.618	142	7714	0.249	ng/ul	99
10) Acenaphthylene	14.293	152	11719	0.270	ng/ul	99
11) Acenaphthene	14.635	153	9223	0.260	ng/ul	99
12) Fluorene	15.625	166	9648	0.237	ng/ul	99
14) Pentachlorophenol	16.984	266	1112	0.196	ng/ul	99
15) Phenanthrene	17.364	178	13615	0.260	ng/ul	97
16) Anthracene	17.461	178	13222	0.285	ng/ul	96
19) Fluoranthene	19.382	202	14252	0.271	ng/ul	100
20) Pyrene	19.744	202	15238	0.279	ng/ul	99
21) Benzo(a)anthracene	21.500	228	10425	0.257	ng/ul	99
22) Chrysene	21.552	228	11365	0.269	ng/ul	97
24) Benzo(b)fluoranthene	23.212	252	11111	0.264	ng/ul	84
25) Benzo(k)fluoranthene	23.259	252	11547	0.273	ng/ul#	87
26) Benzo(a)pyrene	23.853	252	9933	0.271	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.514	276	12218	0.306	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.524	278	9294	0.307	ng/ul	91
29) Benzo(g,h,i)perylene	27.295	276	10905	0.307	ng/ul	97

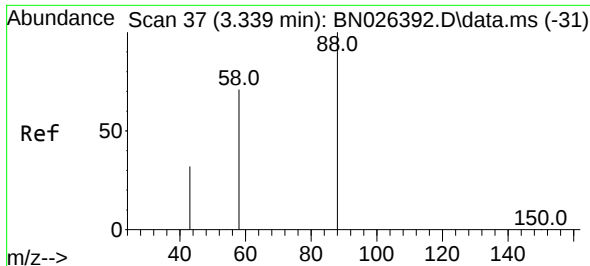
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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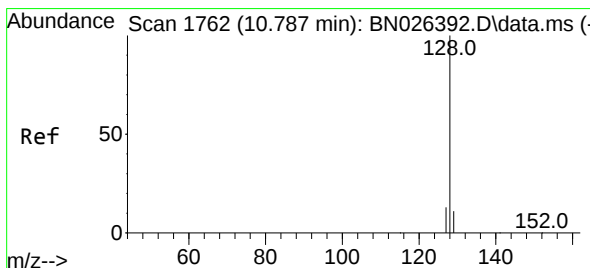
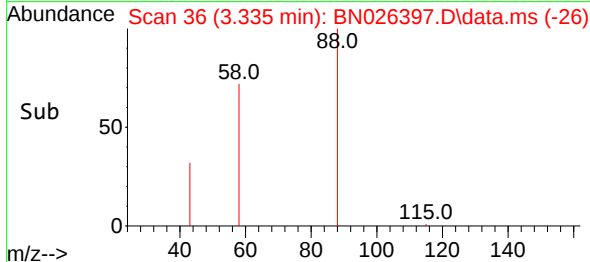
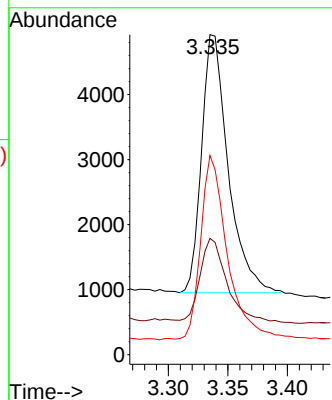
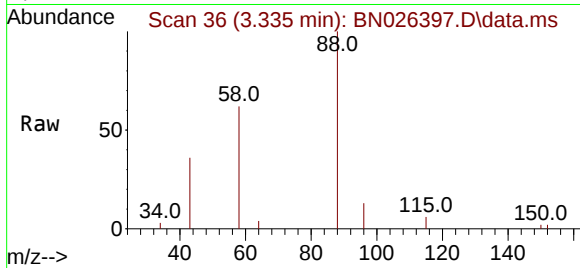




#2
 1,4-Dioxane
 Concen: 1.104 ng/ul
 RT: 3.335 min Scan# 30
 Delta R.T. -0.008 min
 Lab File: BN026397.D
 Acq: 08 Jul 2023 22:17

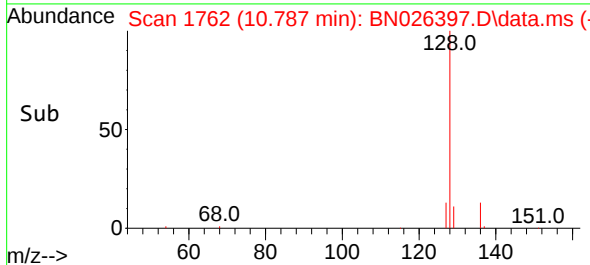
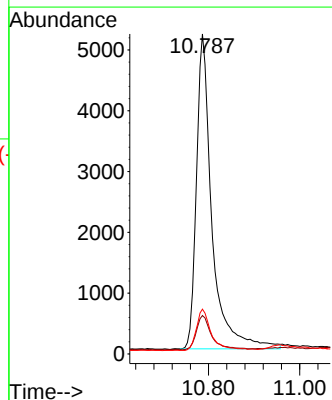
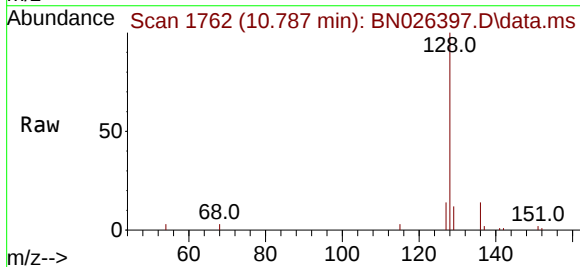
Instrument :
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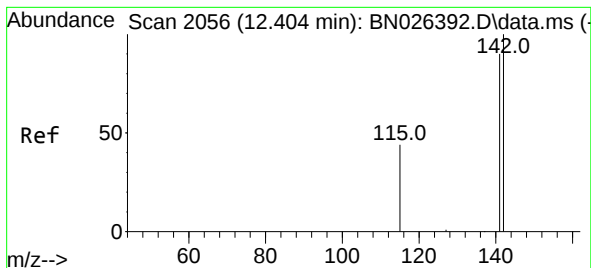
Tgt Ion: 88 Resp: 6188
 Ion Ratio Lower Upper
 88 100
 43 36.3 29.5 44.3
 58 62.2 37.4 56.2#



#5
 Naphthalene
 Concen: 0.261 ng/ul
 RT: 10.787 min Scan# 1762
 Delta R.T. -0.004 min
 Lab File: BN026397.D
 Acq: 08 Jul 2023 22:17

Tgt Ion: 128 Resp: 12225
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.1 13.7
 127 14.0 10.7 16.1

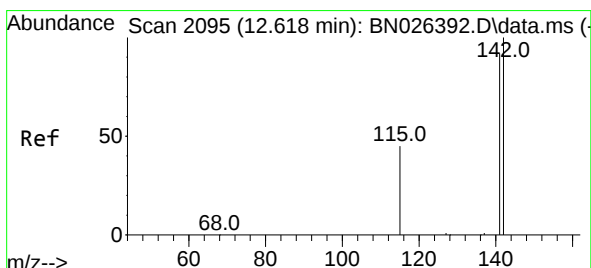
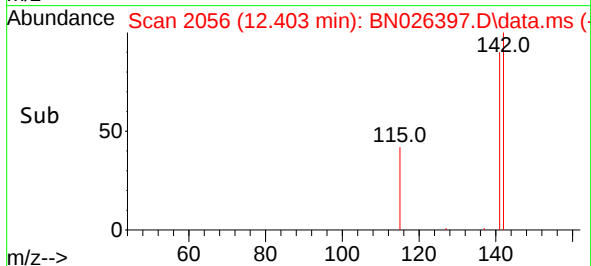
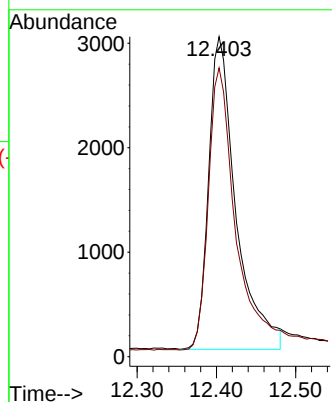
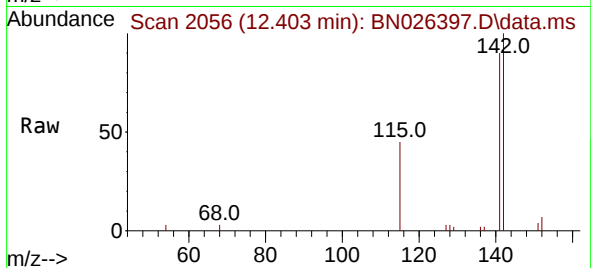




#7
2-Methylnaphthalene
Concen: 0.241 ng/ul
RT: 12.403 min Scan# 2056
Delta R.T. -0.004 min
Lab File: BN026397.D
Acq: 08 Jul 2023 22:17

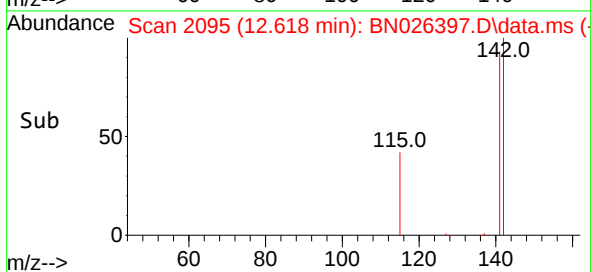
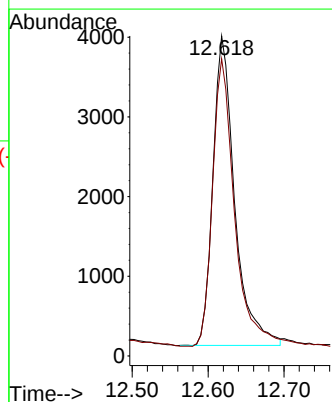
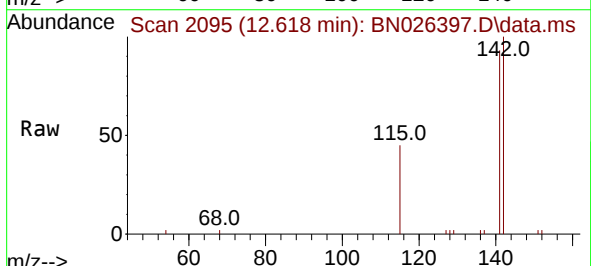
Instrument :
BNA_N
ClientSampleId :
YBW27MSD

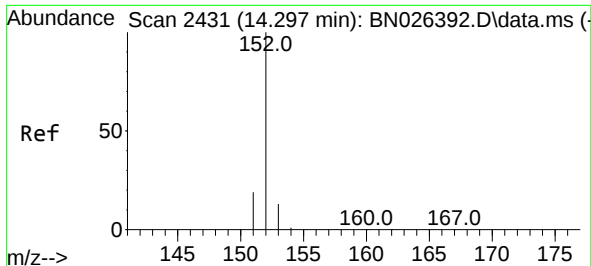
Tgt Ion:142 Resp: 7194
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.249 ng/ul
RT: 12.618 min Scan# 2095
Delta R.T. -0.004 min
Lab File: BN026397.D
Acq: 08 Jul 2023 22:17

Tgt Ion:142 Resp: 7714
Ion Ratio Lower Upper
142 100
141 93.8 74.2 111.4

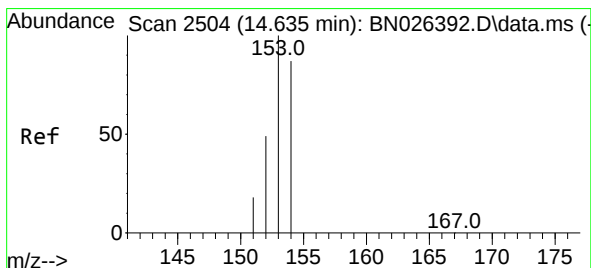
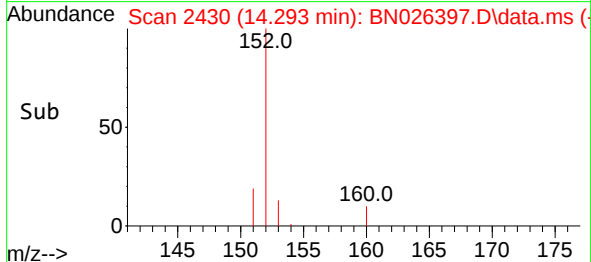
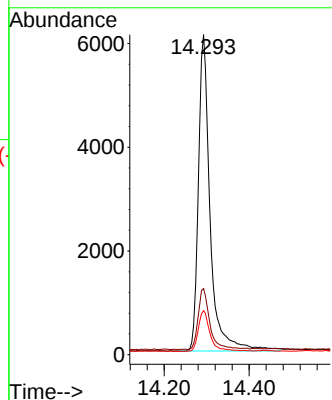
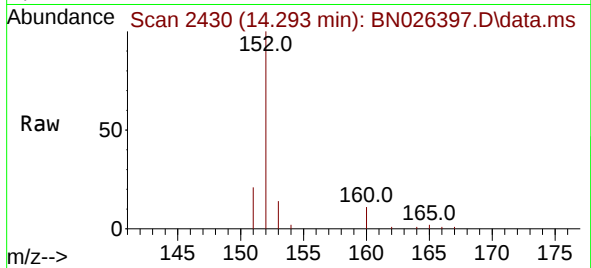




#10
Acenaphthylene
Concen: 0.270 ng/ul
RT: 14.293 min Scan# 2431
Delta R.T. -0.004 min
Lab File: BN026397.D
Acq: 08 Jul 2023 22:17

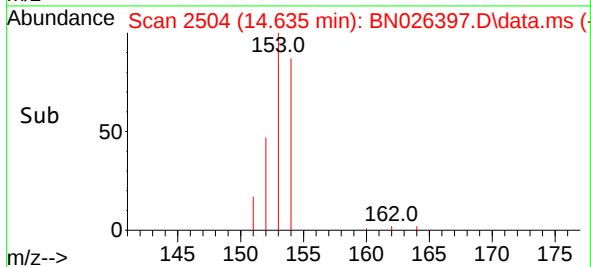
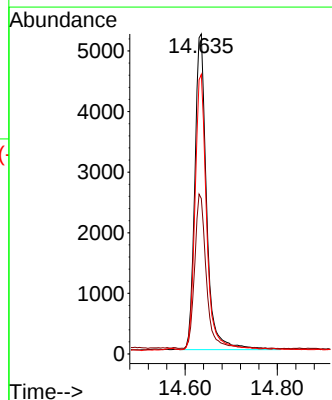
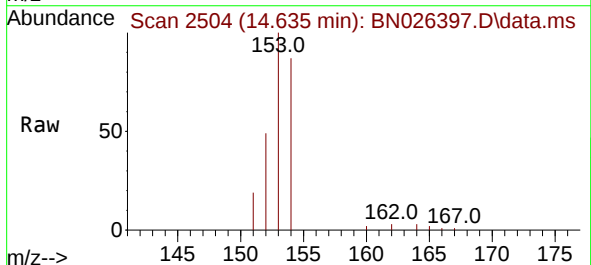
Instrument :
BNA_N
ClientSampleId :
YBW27MSD

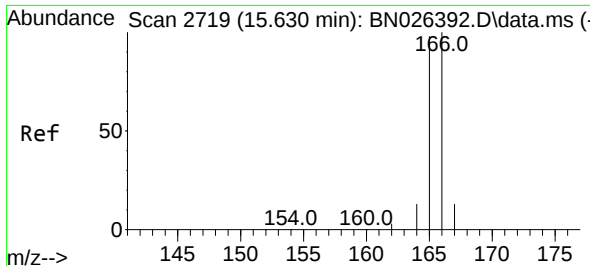
Tgt Ion:152 Resp: 11719
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.7 10.9 16.3



#11
Acenaphthene
Concen: 0.260 ng/ul
RT: 14.635 min Scan# 2504
Delta R.T. 0.000 min
Lab File: BN026397.D
Acq: 08 Jul 2023 22:17

Tgt Ion:153 Resp: 9223
Ion Ratio Lower Upper
153 100
152 48.5 39.4 59.0
154 87.4 68.9 103.3

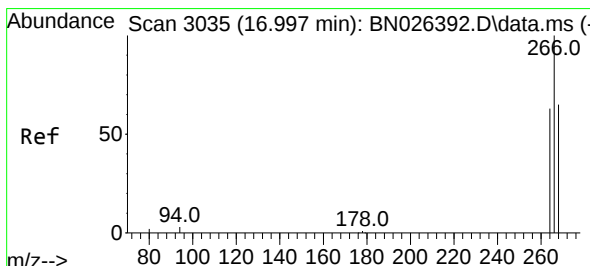
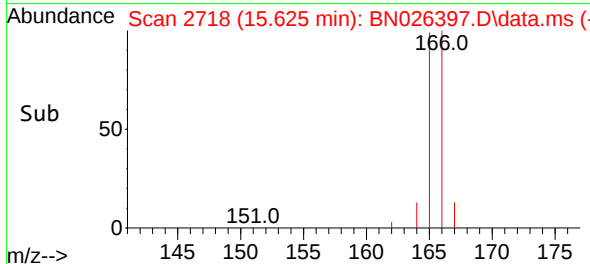
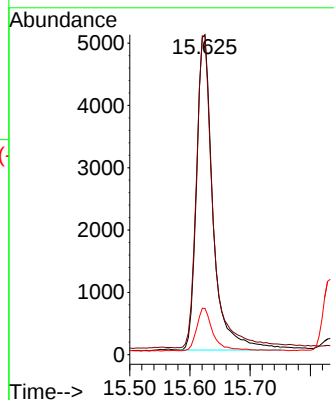
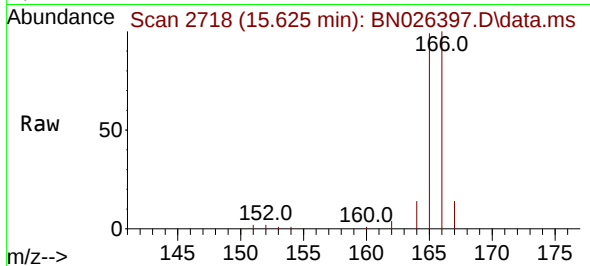




#12
 Fluorene
 Concen: 0.237 ng/ul
 RT: 15.625 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN026397.D
 Acq: 08 Jul 2023 22:17

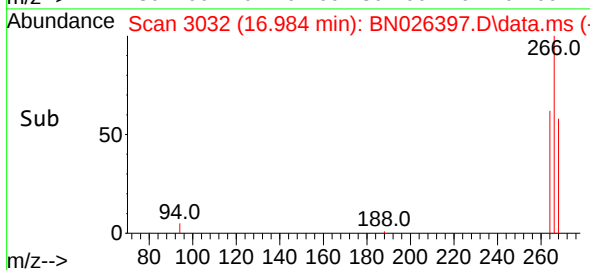
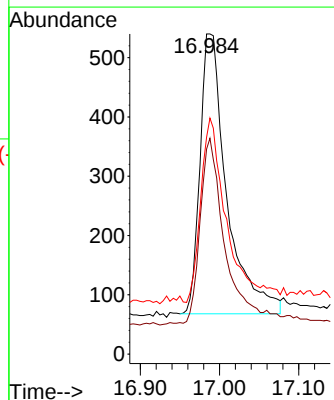
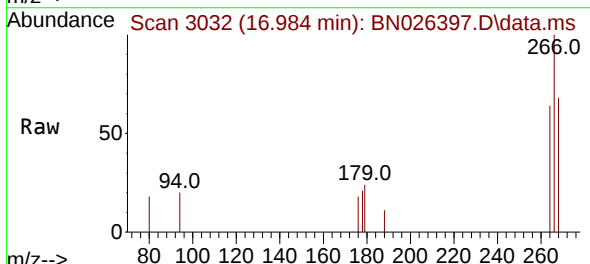
Instrument :
 BNA_N
 ClientSampleId :
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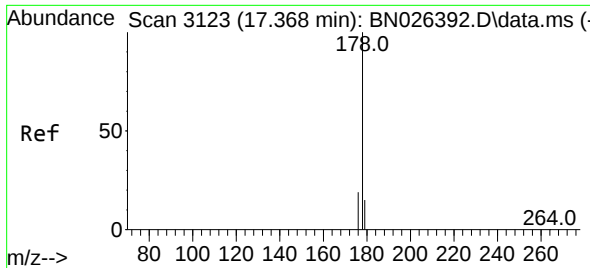
Tgt Ion:166	Resp:	9648
Ion	Ratio	Lower Upper
166	100	
165	99.4	79.9 119.9
167	14.5	10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.196 ng/ul
 RT: 16.984 min Scan# 3032
 Delta R.T. -0.012 min
 Lab File: BN026397.D
 Acq: 08 Jul 2023 22:17

Tgt Ion:266	Resp:	1112
Ion	Ratio	Lower Upper
266	100	
264	61.2	50.5 75.7
268	64.2	51.6 77.4

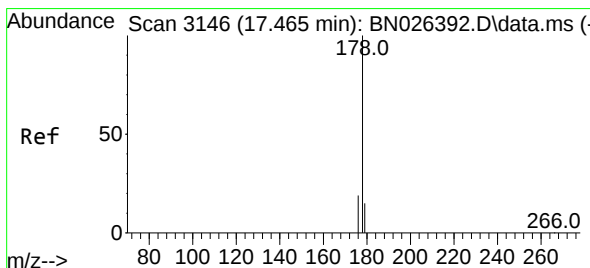
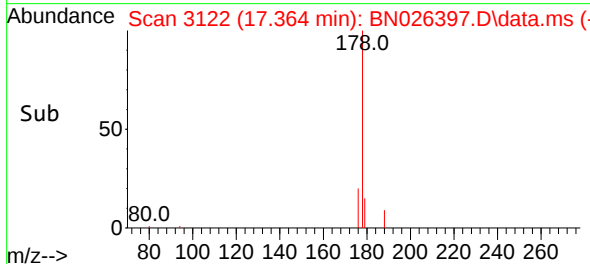
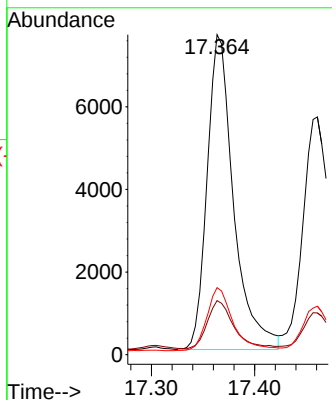
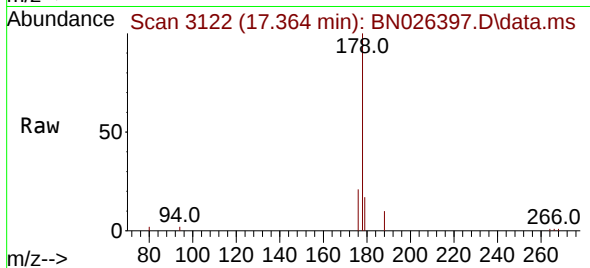




#15
Phenanthrene
Concen: 0.260 ng/ul
RT: 17.364 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BN026397.D
Acq: 08 Jul 2023 22:17

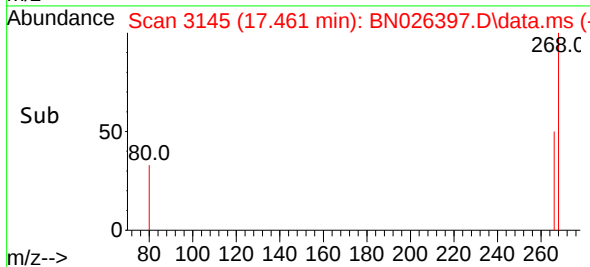
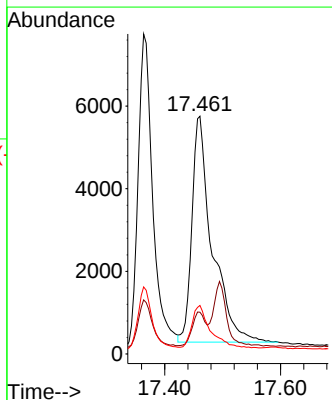
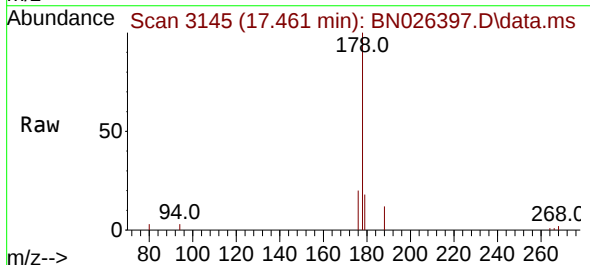
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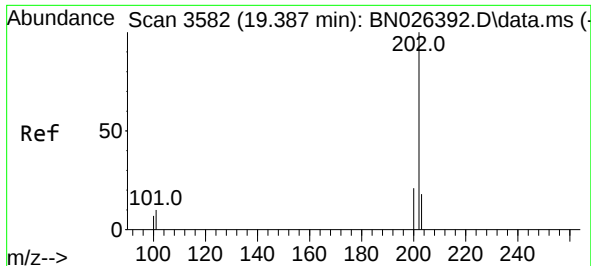
Tgt Ion:	178	Resp:	13615
Ion Ratio	Lower	Upper	
178	100		
179	16.9	12.6	19.0
176	21.0	15.8	23.6



#16
Anthracene
Concen: 0.285 ng/ul
RT: 17.461 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BN026397.D
Acq: 08 Jul 2023 22:17

Tgt Ion:	178	Resp:	13222
Ion Ratio	Lower	Upper	
178	100		
179	17.5	12.6	18.8
176	20.4	15.1	22.7

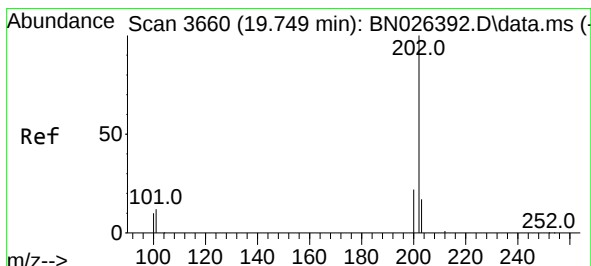
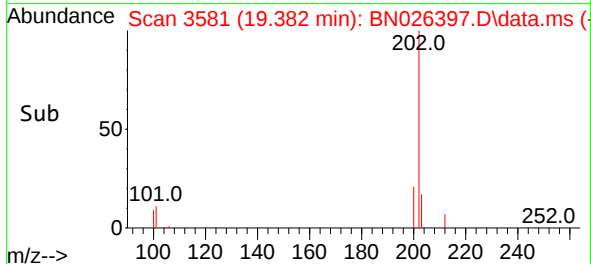
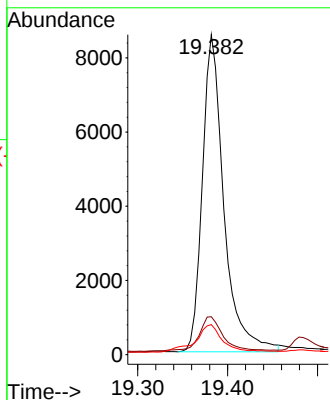
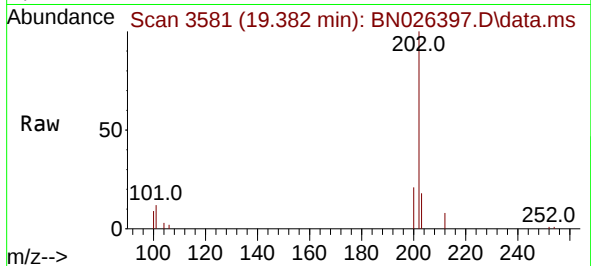




#19
Fluoranthene
Concen: 0.271 ng/ul
RT: 19.382 min Scan# 3582
Delta R.T. -0.004 min
Lab File: BN026397.D
Acq: 08 Jul 2023 22:17

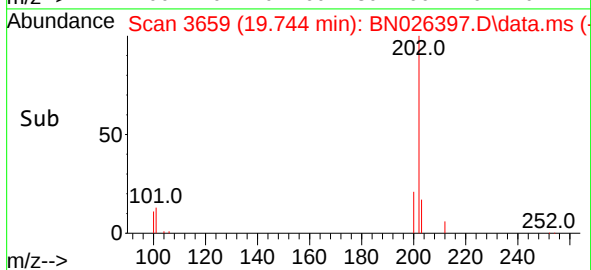
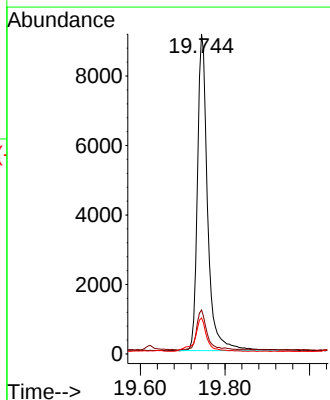
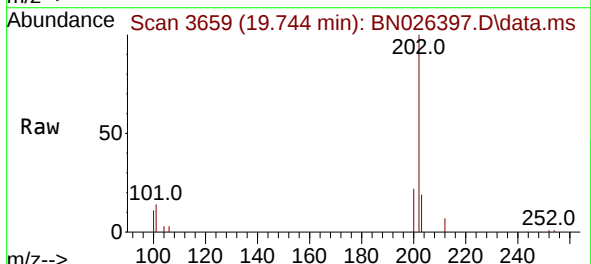
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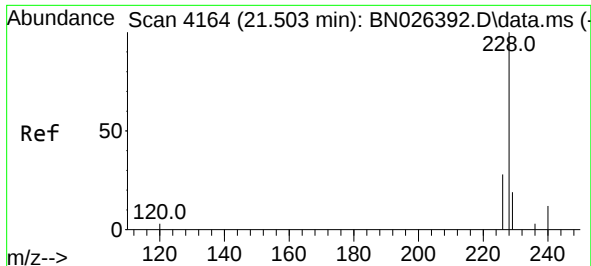
Tgt Ion:202 Resp: 14252
Ion Ratio Lower Upper
202 100
101 11.9 9.5 14.3
100 9.4 7.3 10.9



#20
Pyrene
Concen: 0.279 ng/ul
RT: 19.744 min Scan# 3659
Delta R.T. -0.008 min
Lab File: BN026397.D
Acq: 08 Jul 2023 22:17

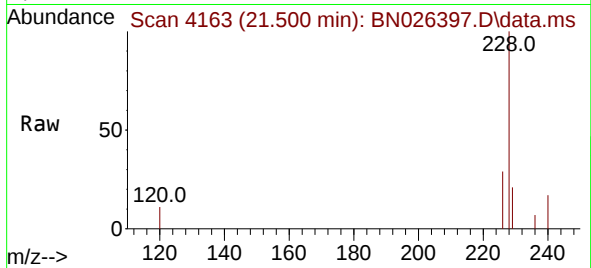
Tgt Ion:202 Resp: 15238
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.0
100 11.3 9.1 13.7



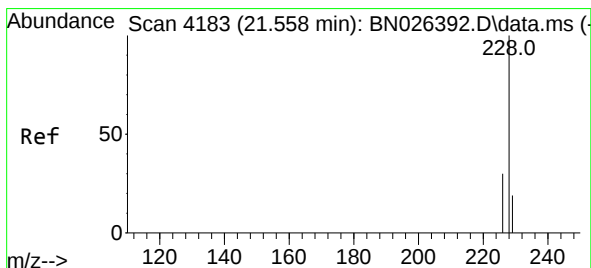
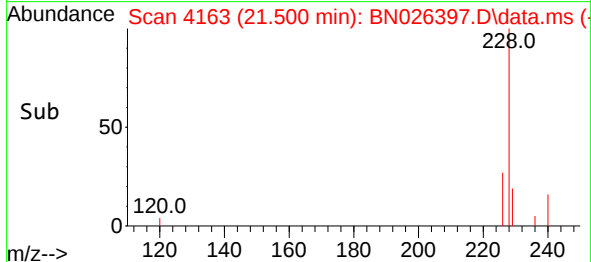
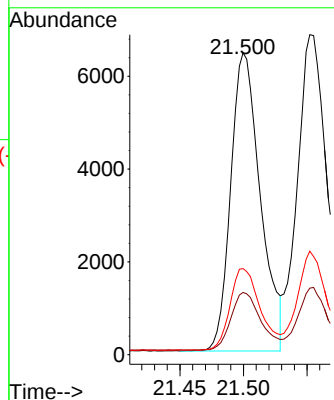


#21
Benzo(a)anthracene
Concen: 0.257 ng/ul
RT: 21.500 min Scan# 4164
Delta R.T. -0.011 min
Lab File: BN026397.D
Acq: 08 Jul 2023 22:17

Instrument :
BNA_N
ClientSampleId :
YBW27MSD

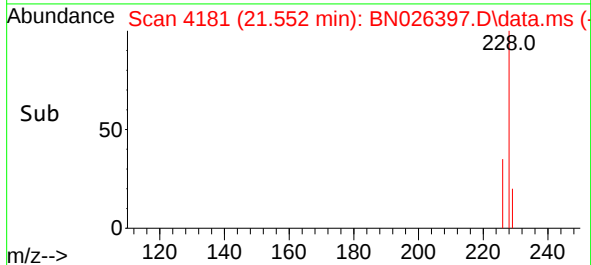
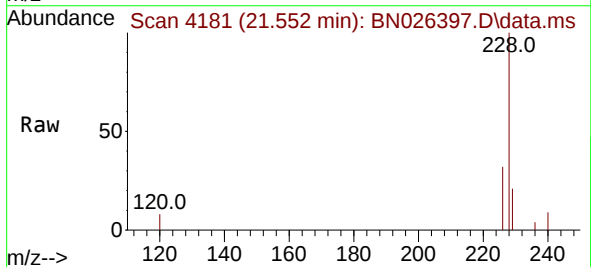
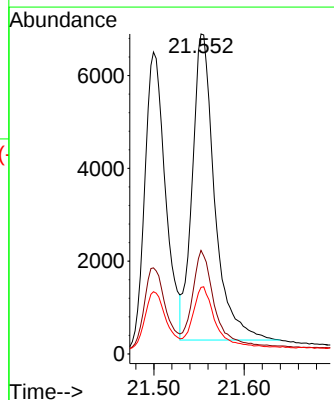


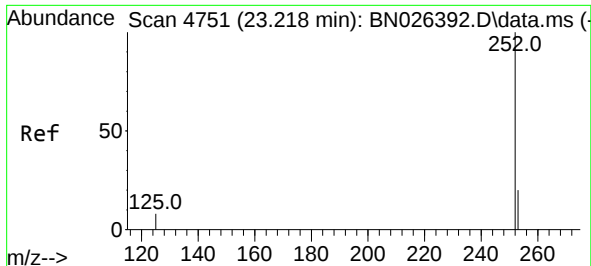
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Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.6
226 28.5 22.5 33.7



#22
Chrysene
Concen: 0.269 ng/ul
RT: 21.552 min Scan# 4181
Delta R.T. -0.011 min
Lab File: BN026397.D
Acq: 08 Jul 2023 22:17

Tgt Ion:228 Resp: 11365
Ion Ratio Lower Upper
228 100
226 32.4 24.8 37.2
229 20.8 15.7 23.5

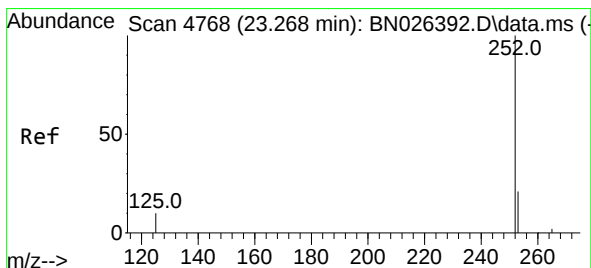
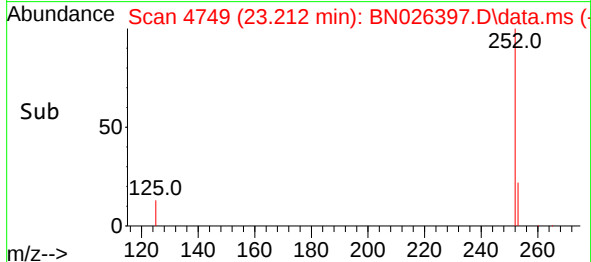
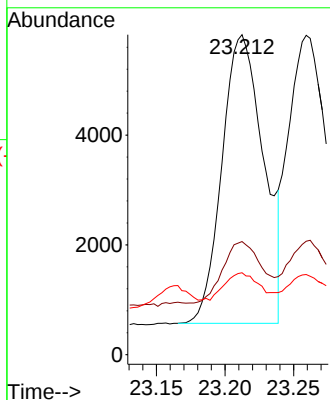
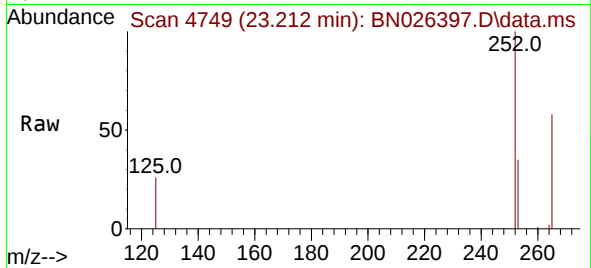




#24
Benzo(b)fluoranthene
Concen: 0.264 ng/ul
RT: 23.212 min Scan# 4751
Delta R.T. -0.014 min
Lab File: BN026397.D
Acq: 08 Jul 2023 22:17

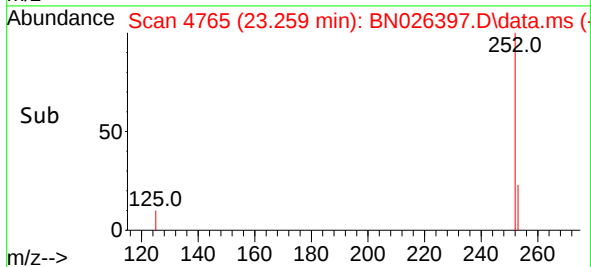
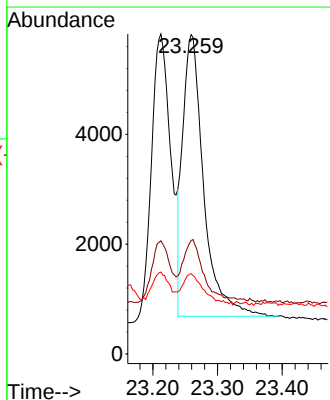
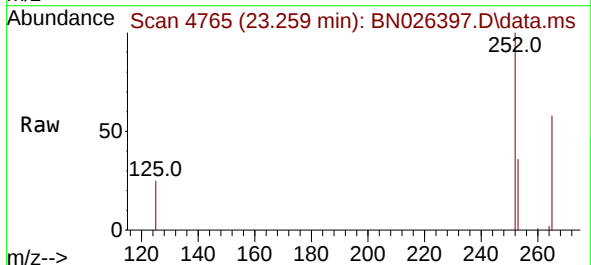
Instrument :
BNA_N
ClientSampleId :
YBW27MSD

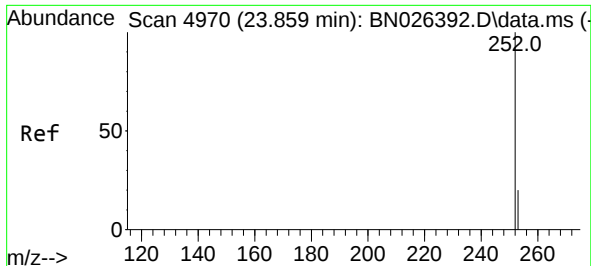
Tgt Ion:252 Resp: 11111
Ion Ratio Lower Upper
252 100
253 35.3 0.0 55.6
125 25.6 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.273 ng/ul
RT: 23.259 min Scan# 4765
Delta R.T. -0.014 min
Lab File: BN026397.D
Acq: 08 Jul 2023 22:17

Tgt Ion:252 Resp: 11547
Ion Ratio Lower Upper
252 100
253 35.5 23.2 34.8#
125 25.1 15.0 22.4#

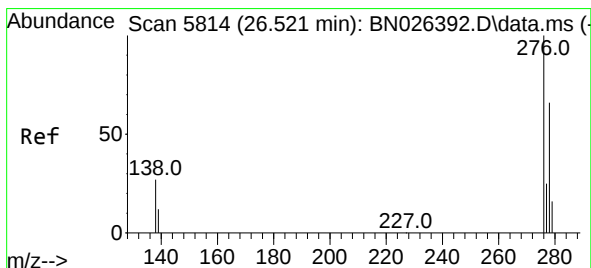
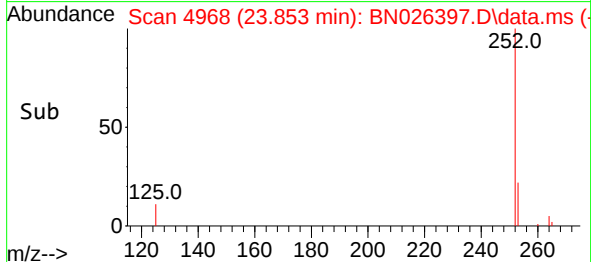
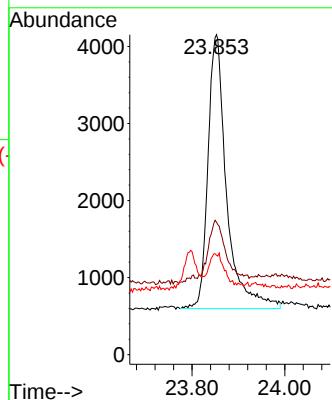
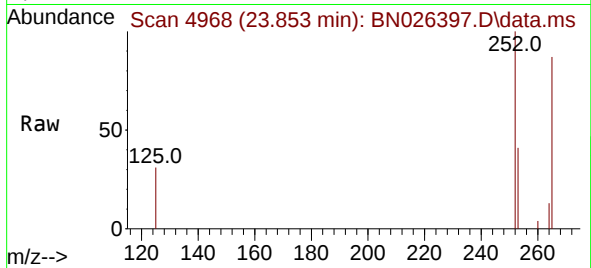




#26
Benzo(a)pyrene
Concen: 0.271 ng/ul
RT: 23.853 min Scan# 4968
Delta R.T. -0.014 min
Lab File: BN026397.D
Acq: 08 Jul 2023 22:17

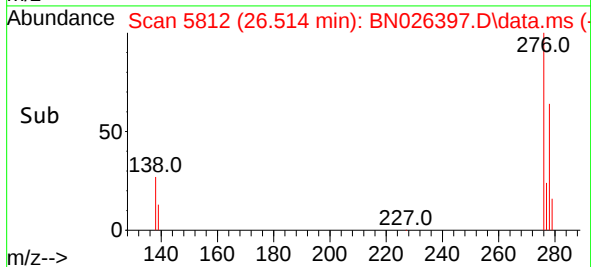
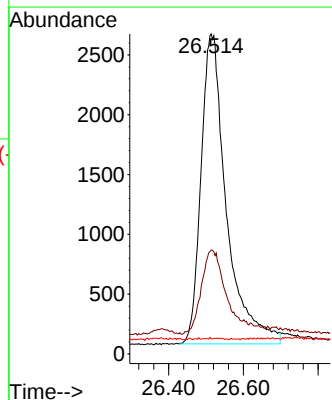
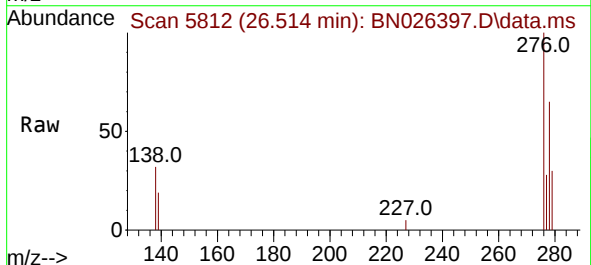
Instrument :
BNA_N
ClientSampleId :
YBW27MSD

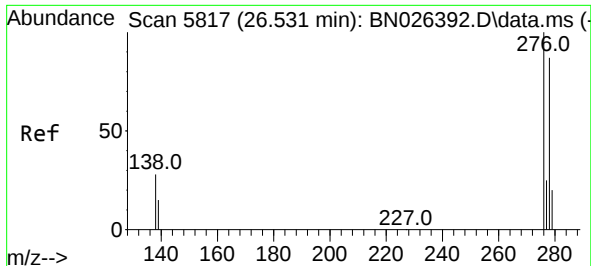
Tgt Ion:252 Resp: 9933
Ion Ratio Lower Upper
252 100
253 41.4 26.0 39.0#
125 31.0 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.306 ng/ul
RT: 26.514 min Scan# 5812
Delta R.T. -0.013 min
Lab File: BN026397.D
Acq: 08 Jul 2023 22:17

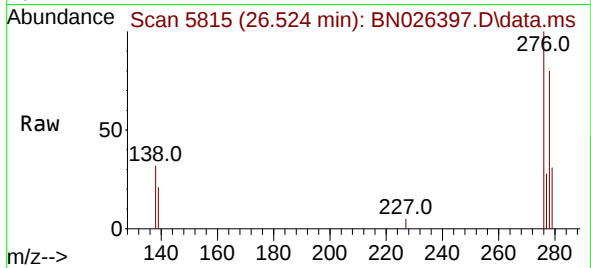
Tgt Ion:276 Resp: 12218
Ion Ratio Lower Upper
276 100
138 28.2 24.5 36.7
227 0.1 0.0 0.0#



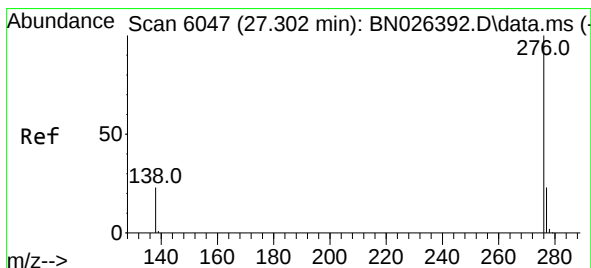
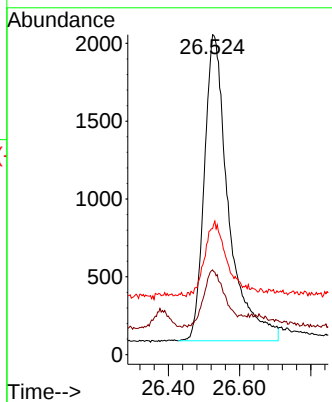
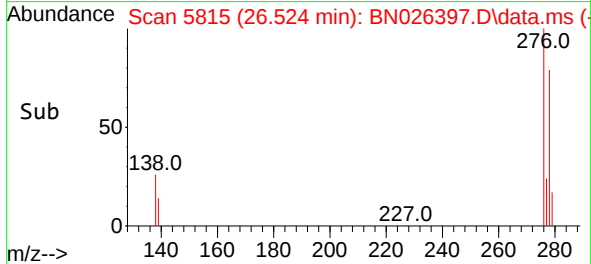


#28
Dibenzo(a,h)anthracene
Concen: 0.307 ng/ul
RT: 26.524 min Scan# 5815
Delta R.T. -0.016 min
Lab File: BN026397.D
Acq: 08 Jul 2023 22:17

Instrument :
BNA_N
ClientSampleId :
YBW27MSD



Tgt Ion:278 Resp: 9294
Ion Ratio Lower Upper
278 100
139 26.5 19.0 28.4
279 39.4 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.307 ng/ul
RT: 27.295 min Scan# 6045
Delta R.T. -0.019 min
Lab File: BN026397.D
Acq: 08 Jul 2023 22:17

Tgt Ion:276 Resp: 10905
Ion Ratio Lower Upper
276 100
138 29.5 23.4 35.0
277 27.6 20.0 30.0

