

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026982.D
 Acq On : 19 Aug 2023 06:17
 Operator : MA/JU
 Sample : PB154774BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS774

Quant Time: Aug 19 06:47:31 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

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

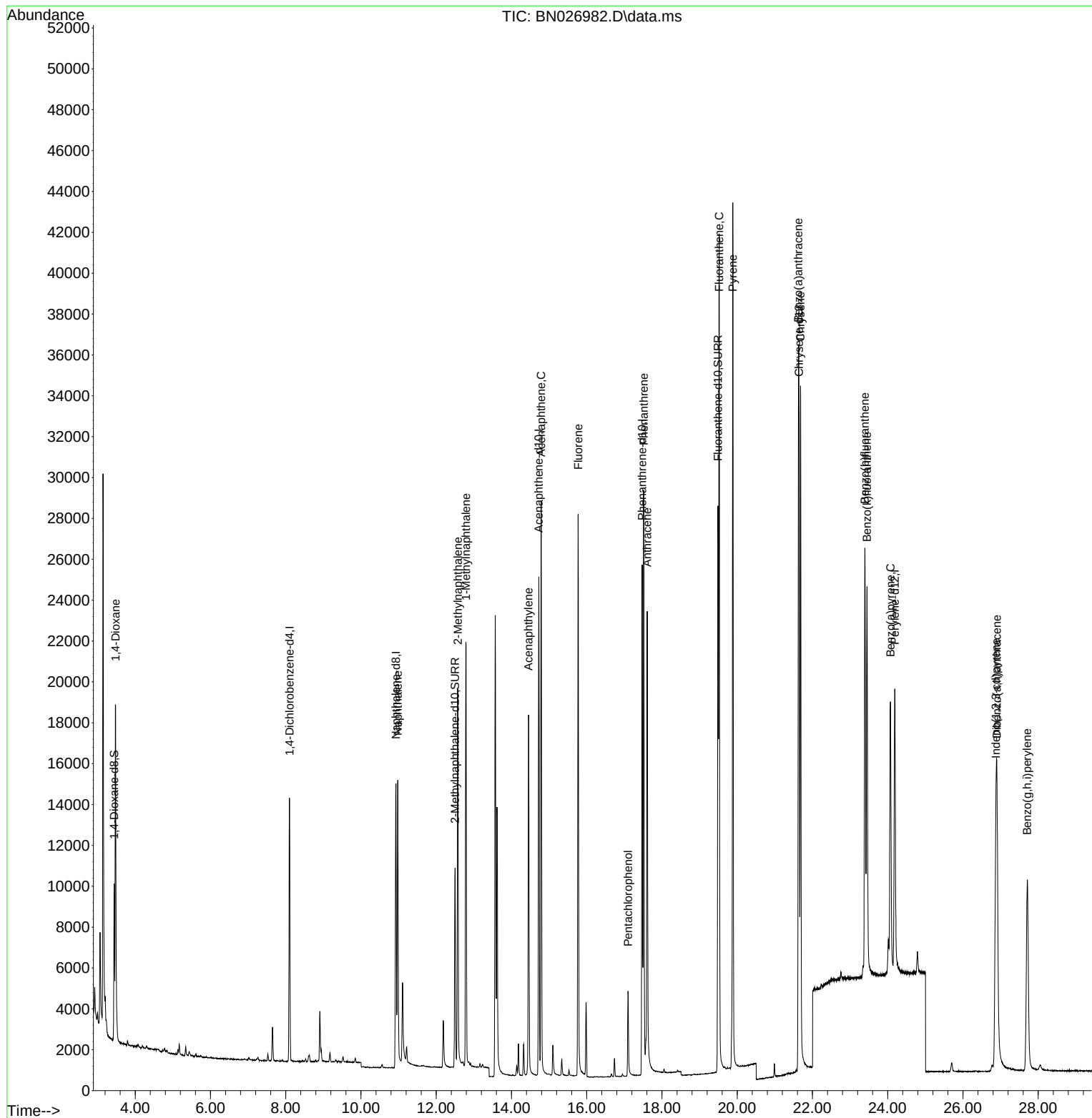
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	6694	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	20956	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	13779	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	30203	0.400	ng/ul	0.00
17) Chrysene-d12	21.644	240	24192	0.400	ng/ul	0.00
23) Perylene-d12	24.187	264	21960	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	5551	0.698	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	13557	0.440	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	31903	0.418	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.477	88	12808	1.579	ng/ul#	94
5) Naphthalene	10.977	128	19609	0.331	ng/ul	99
7) 2-Methylnaphthalene	12.572	142	13632	0.380	ng/ul	100
8) 1-Methylnaphthalene	12.792	142	15136	0.403	ng/ul	100
10) Acenaphthylene	14.453	152	21054	0.273	ng/ul	99
11) Acenaphthene	14.791	153	16631	0.311	ng/ul	99
12) Fluorene	15.772	166	18567	0.307	ng/ul	98
14) Pentachlorophenol	17.097	266	3136	0.367	ng/ul	100
15) Phenanthrene	17.515	178	31282	0.315	ng/ul	100
16) Anthracene	17.608	178	26364	0.294	ng/ul	100
19) Fluoranthene	19.520	202	36261	0.361	ng/ul	99
20) Pyrene	19.882	202	37432	0.349	ng/ul	99
21) Benzo(a)anthracene	21.627	228	30663	0.319	ng/ul	99
22) Chrysene	21.682	228	31663	0.333	ng/ul	100
24) Benzo(b)fluoranthene	23.392	252	29972	0.361	ng/ul	96
25) Benzo(k)fluoranthene	23.448	252	29859	0.364	ng/ul#	94
26) Benzo(a)pyrene	24.073	252	24973	0.333	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.874	276	27970	0.285	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.904	278	21919	0.280	ng/ul	97
29) Benzo(g,h,i)perylene	27.709	276	23492	0.288	ng/ul	98

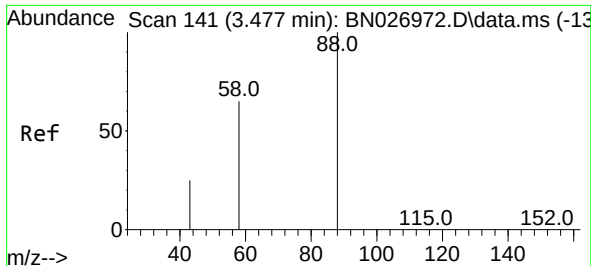
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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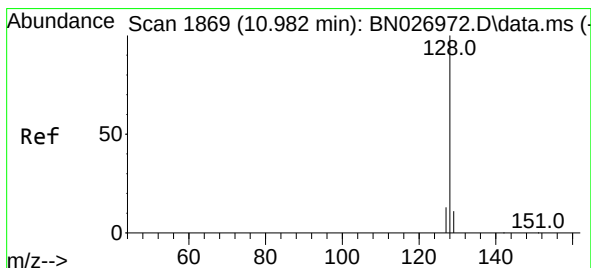
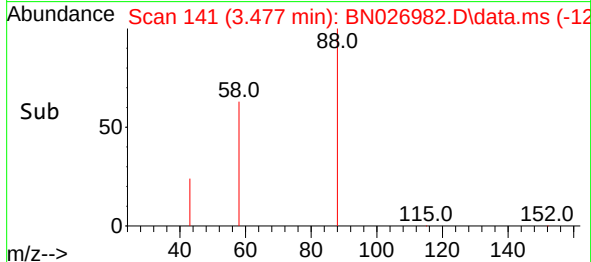
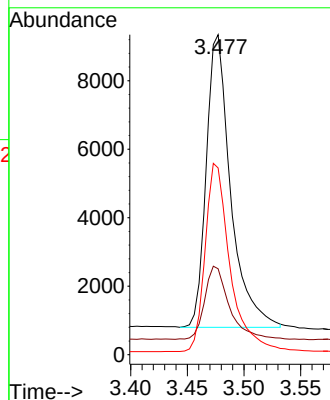
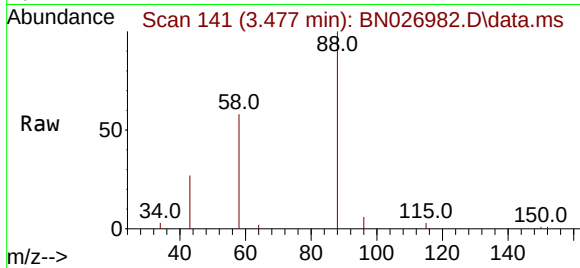




#2
1,4-Dioxane
Concen: 1.579 ng/ul
RT: 3.477 min Scan# 141
Delta R.T. -0.000 min
Lab File: BN026982.D
Acq: 19 Aug 2023 06:17

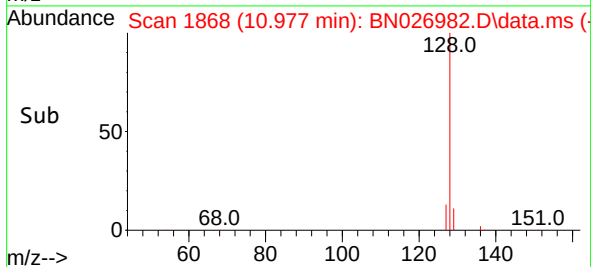
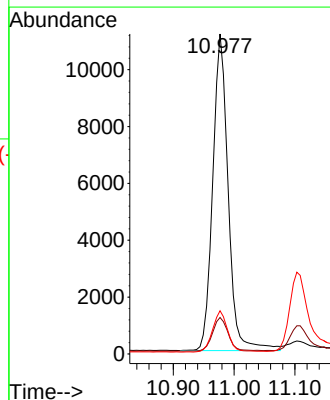
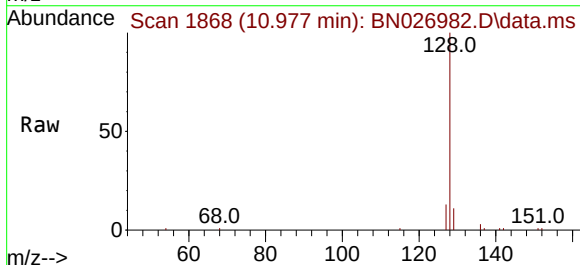
Instrument :
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SLCS774

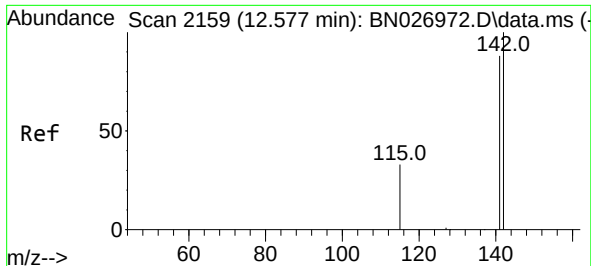
Tgt Ion: 88 Resp: 12808
Ion Ratio Lower Upper
88 100
43 26.9 28.0 42.0#
58 58.4 46.0 69.0



#5
Naphthalene
Concen: 0.331 ng/ul
RT: 10.977 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BN026982.D
Acq: 19 Aug 2023 06:17

Tgt Ion:128 Resp: 19609
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.5 10.5 15.7

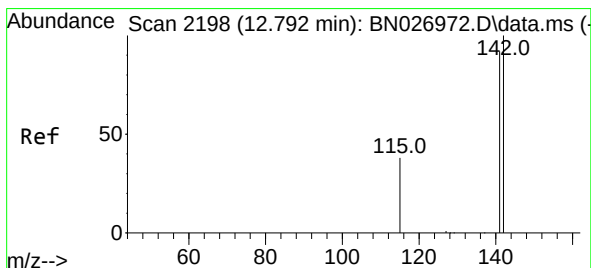
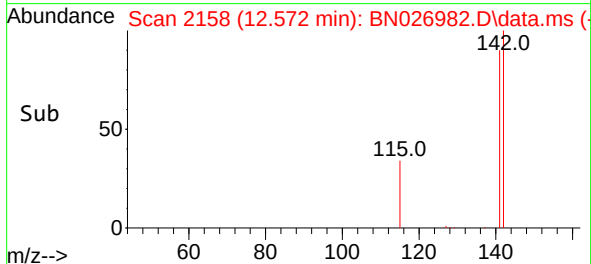
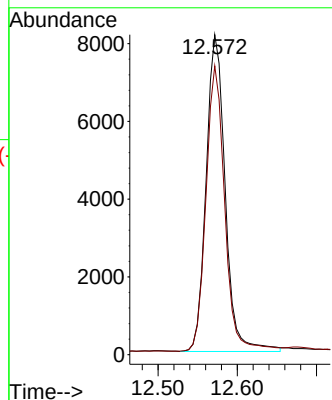
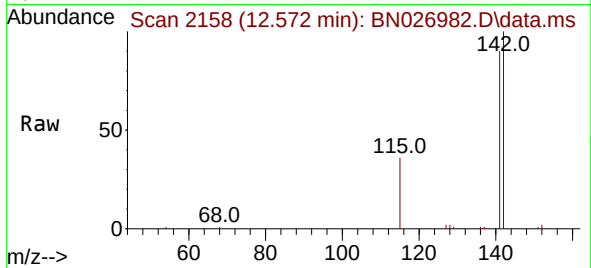




#7
2-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.572 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BN026982.D
Acq: 19 Aug 2023 06:17

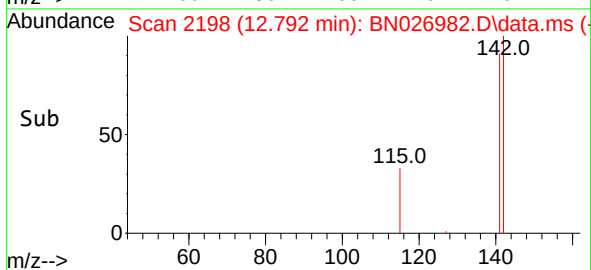
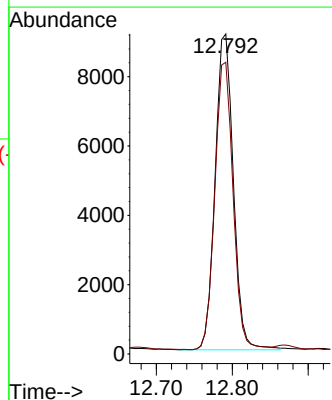
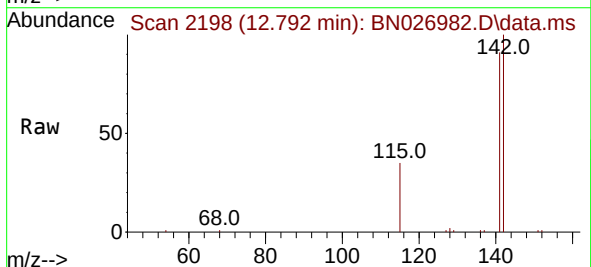
Instrument :
BNA_N
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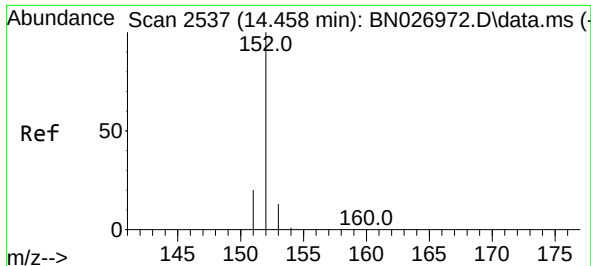
Tgt Ion:142 Resp: 13632
Ion Ratio Lower Upper
142 100
141 88.7 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.792 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN026982.D
Acq: 19 Aug 2023 06:17

Tgt Ion:142 Resp: 15136
Ion Ratio Lower Upper
142 100
141 91.3 73.2 109.8

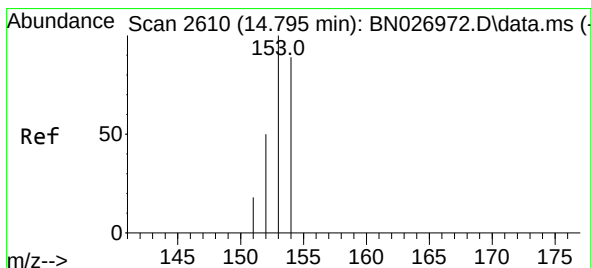
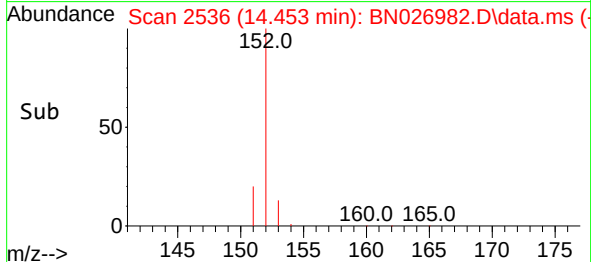
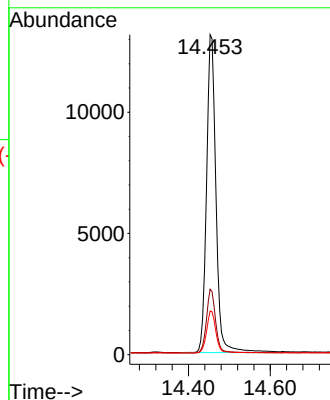
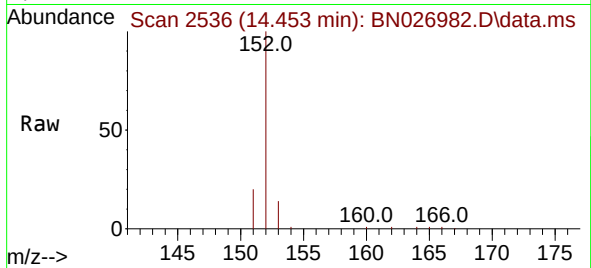




#10
Acenaphthylene
Concen: 0.273 ng/ul
RT: 14.453 min Scan# 21054
Delta R.T. -0.005 min
Lab File: BN026982.D
Acq: 19 Aug 2023 06:17

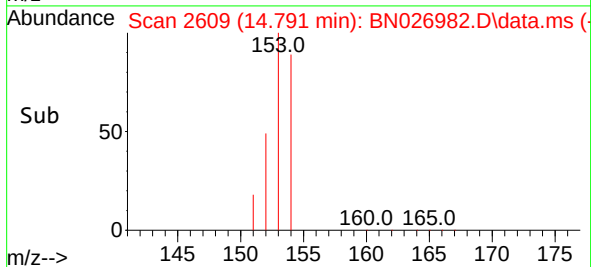
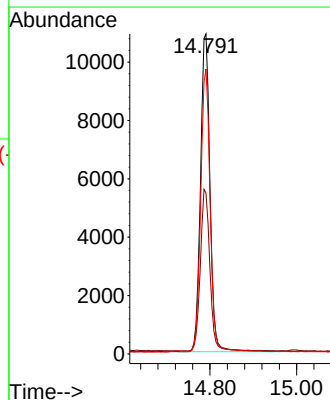
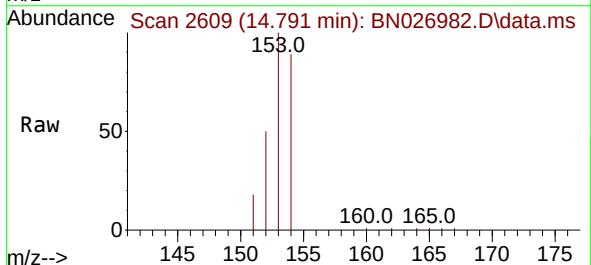
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BNA_N
ClientSampleId :
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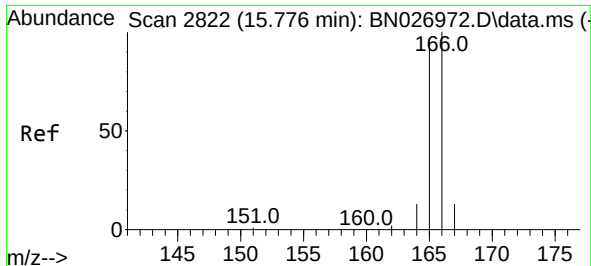
Tgt Ion:152	Resp:	21054
Ion Ratio	Lower	Upper
152	100	
151	20.5	15.9 23.9
153	13.7	11.0 16.6



#11
Acenaphthene
Concen: 0.311 ng/ul
RT: 14.791 min Scan# 2609
Delta R.T. -0.000 min
Lab File: BN026982.D
Acq: 19 Aug 2023 06:17

Tgt Ion:153	Resp:	16631
Ion Ratio	Lower	Upper
153	100	
152	50.4	41.1 61.7
154	89.1	71.6 107.4

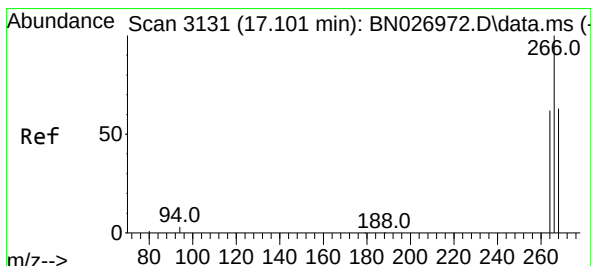
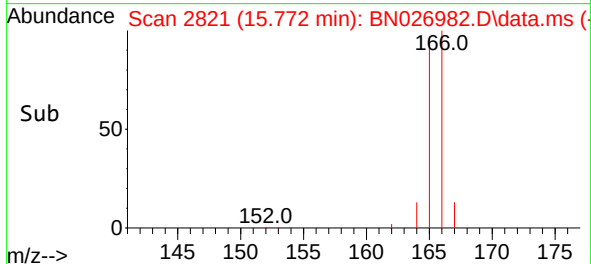
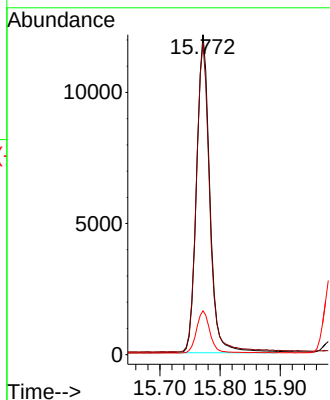
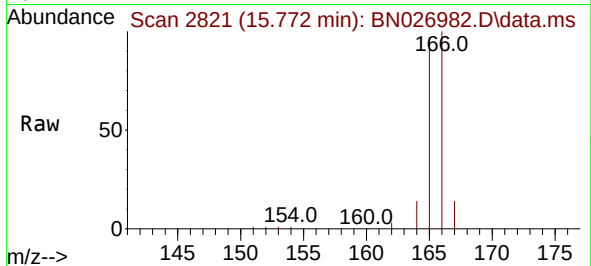




#12
 Fluorene
 Concen: 0.307 ng/ul
 RT: 15.772 min Scan# 2821
 Delta R.T. -0.000 min
 Lab File: BN026982.D
 Acq: 19 Aug 2023 06:17

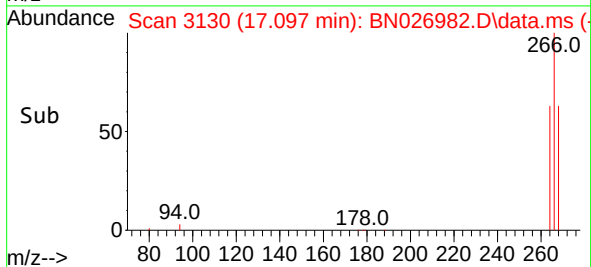
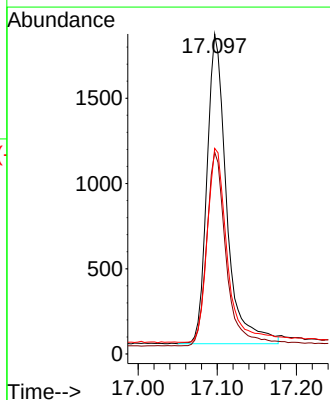
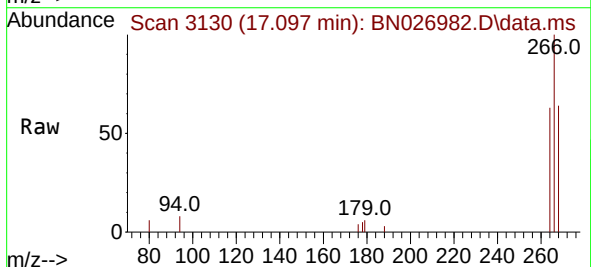
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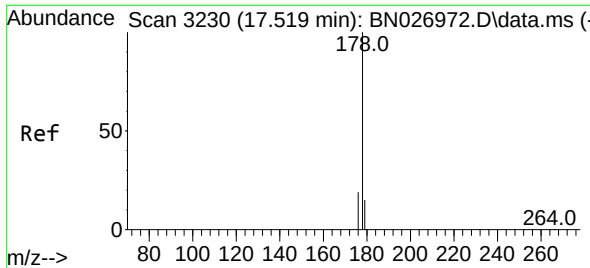
Tgt Ion:166 Resp: 18567
 Ion Ratio Lower Upper
 166 100
 165 97.3 79.1 118.7
 167 13.7 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.367 ng/ul
 RT: 17.097 min Scan# 3130
 Delta R.T. -0.004 min
 Lab File: BN026982.D
 Acq: 19 Aug 2023 06:17

Tgt Ion:266 Resp: 3136
 Ion Ratio Lower Upper
 266 100
 264 62.4 50.4 75.6
 268 63.8 51.2 76.8

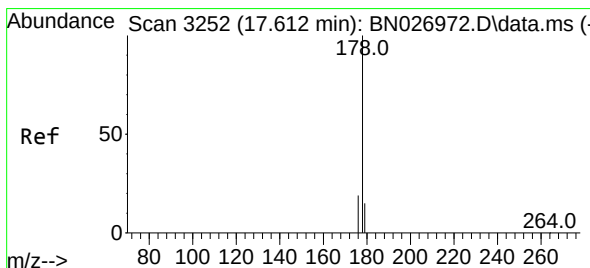
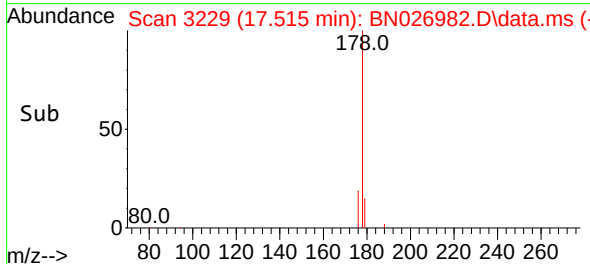
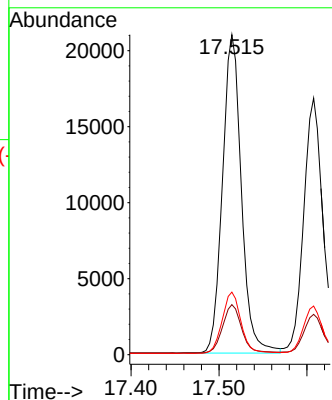
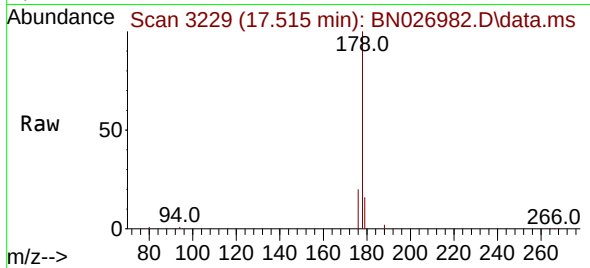




#15
Phenanthrene
Concen: 0.315 ng/ul
RT: 17.515 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN026982.D
Acq: 19 Aug 2023 06:17

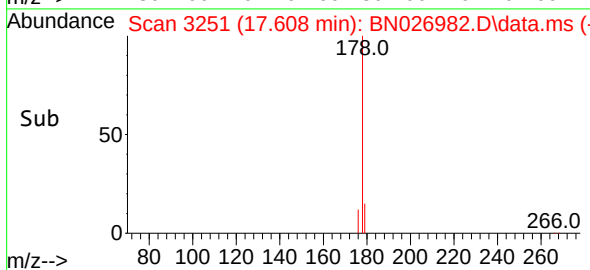
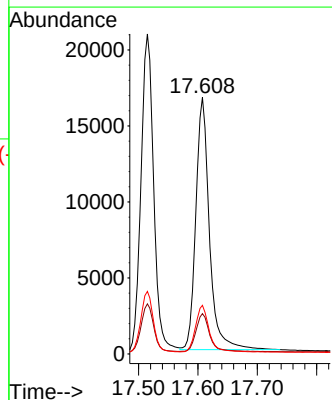
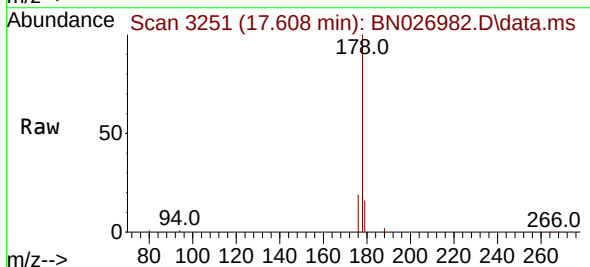
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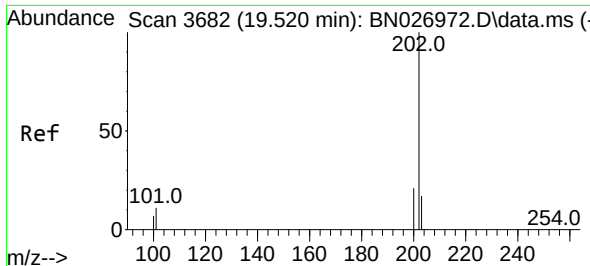
Tgt Ion:178 Resp: 31282
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.5 15.4 23.2



#16
Anthracene
Concen: 0.294 ng/ul
RT: 17.608 min Scan# 3251
Delta R.T. -0.000 min
Lab File: BN026982.D
Acq: 19 Aug 2023 06:17

Tgt Ion:178 Resp: 26364
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.0 15.0 22.6

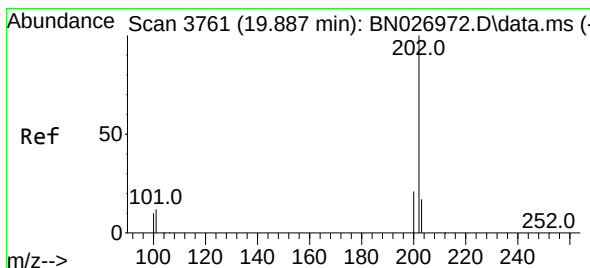
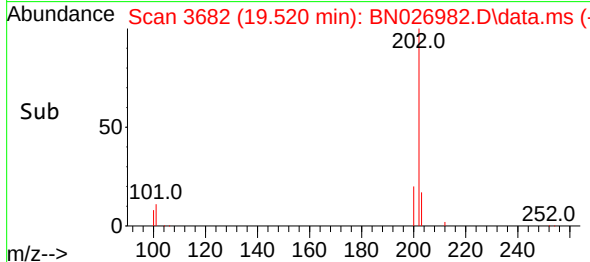
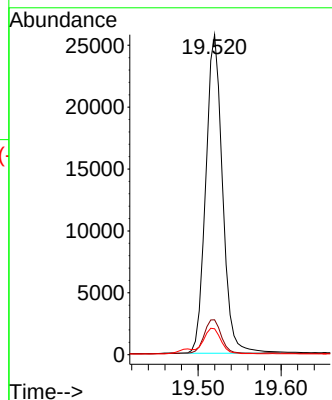
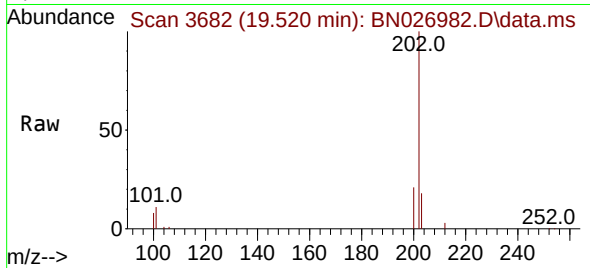




#19
Fluoranthene
Concen: 0.361 ng/ul
RT: 19.520 min Scan# 3682
Delta R.T. -0.005 min
Lab File: BN026982.D
Acq: 19 Aug 2023 06:17

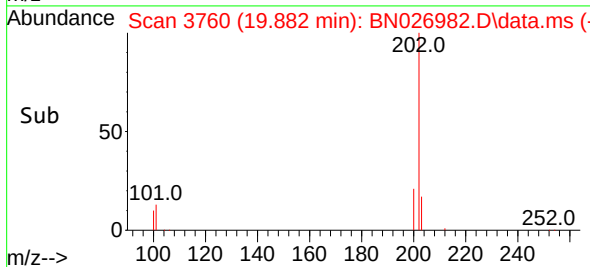
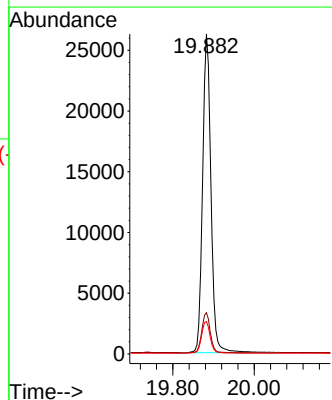
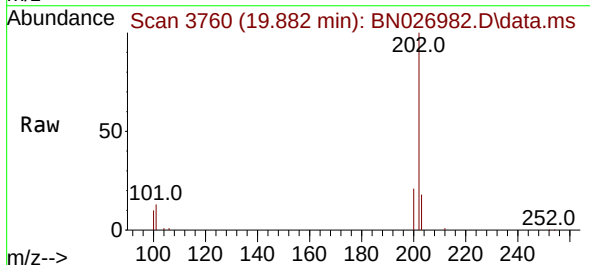
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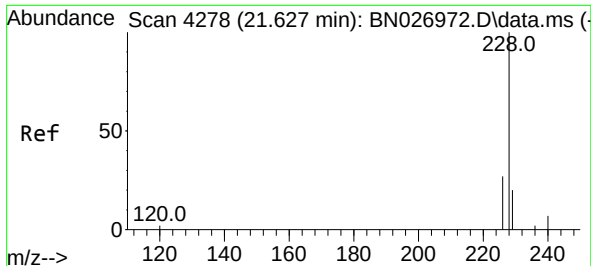
Tgt Ion:202 Resp: 36261
Ion Ratio Lower Upper
202 100
101 10.9 8.3 12.5
100 8.1 6.2 9.2



#20
Pyrene
Concen: 0.349 ng/ul
RT: 19.882 min Scan# 3760
Delta R.T. -0.005 min
Lab File: BN026982.D
Acq: 19 Aug 2023 06:17

Tgt Ion:202 Resp: 37432
Ion Ratio Lower Upper
202 100
101 12.9 10.7 16.1
100 10.2 8.5 12.7

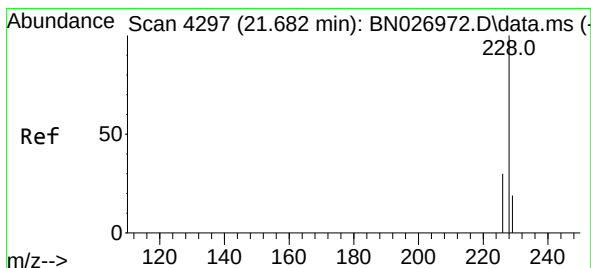
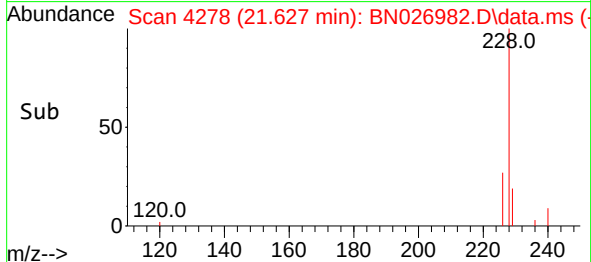
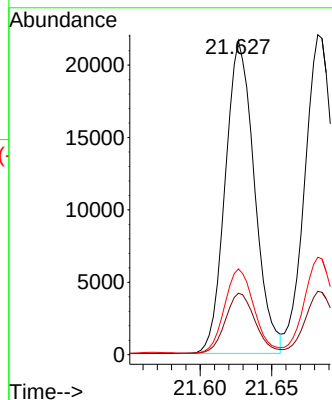
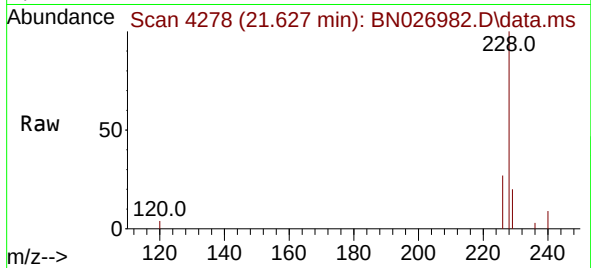




#21
Benzo(a)anthracene
Concen: 0.319 ng/ul
RT: 21.627 min Scan# 4278
Delta R.T. -0.006 min
Lab File: BN026982.D
Acq: 19 Aug 2023 06:17

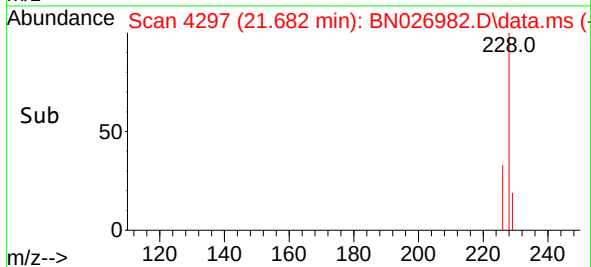
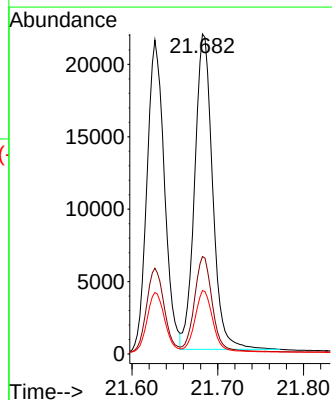
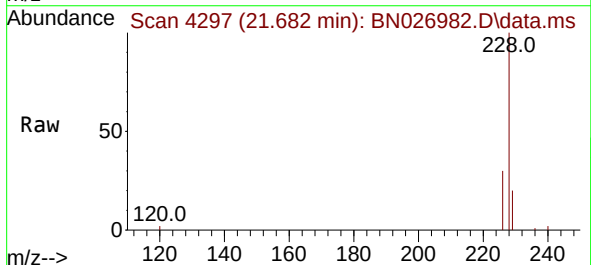
Instrument :
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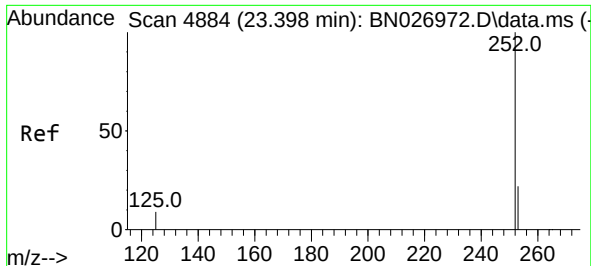
Tgt Ion:228 Resp: 30663
Ion Ratio Lower Upper
228 100
229 19.5 16.0 24.0
226 27.3 22.2 33.2



#22
Chrysene
Concen: 0.333 ng/ul
RT: 21.682 min Scan# 4297
Delta R.T. -0.009 min
Lab File: BN026982.D
Acq: 19 Aug 2023 06:17

Tgt Ion:228 Resp: 31663
Ion Ratio Lower Upper
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226 30.5 24.6 36.8
229 19.8 15.8 23.6

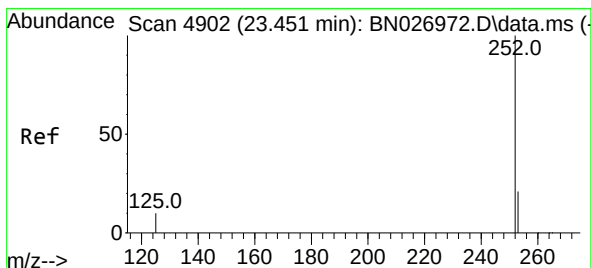
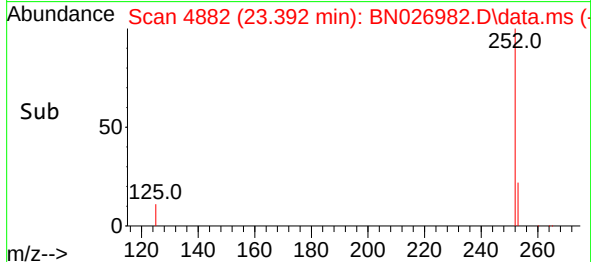
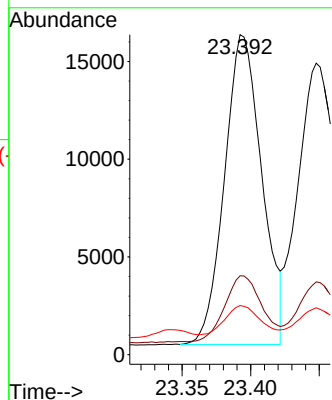
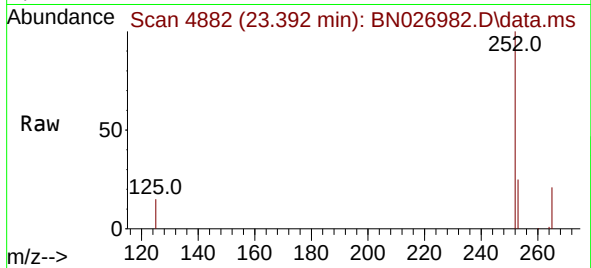




#24
Benzo(b)fluoranthene
Concen: 0.361 ng/ul
RT: 23.392 min Scan# 4882
Delta R.T. -0.015 min
Lab File: BN026982.D
Acq: 19 Aug 2023 06:17

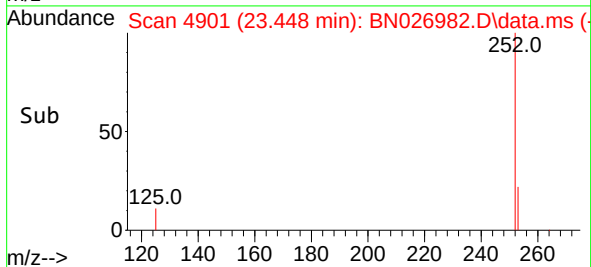
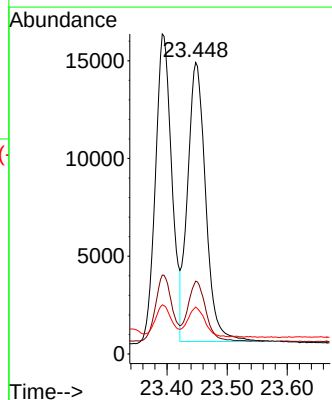
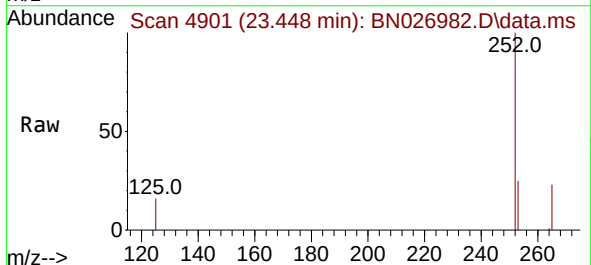
Instrument :
BNA_N
ClientSampleId :
SLCS774

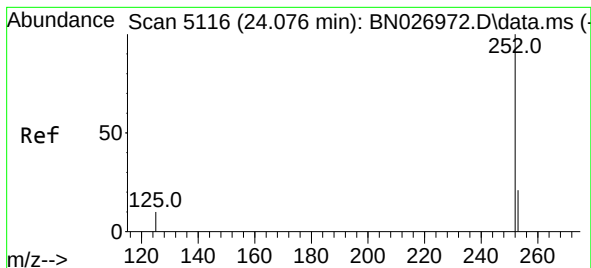
Tgt Ion:252 Resp: 29972
Ion Ratio Lower Upper
252 100
253 24.7 0.0 46.8
125 15.4 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.364 ng/ul
RT: 23.448 min Scan# 4901
Delta R.T. -0.012 min
Lab File: BN026982.D
Acq: 19 Aug 2023 06:17

Tgt Ion:252 Resp: 29859
Ion Ratio Lower Upper
252 100
253 25.0 18.2 27.4
125 16.1 9.9 14.9#





#26

Benzo(a)pyrene

Concen: 0.333 ng/ul

RT: 24.073 min Scan# 5116

Delta R.T. -0.012 min

Lab File: BN026982.D

Acq: 19 Aug 2023 06:17

Instrument :

BNA_N

ClientSampleId :

SLCS774

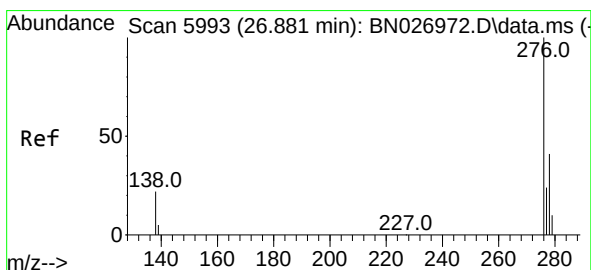
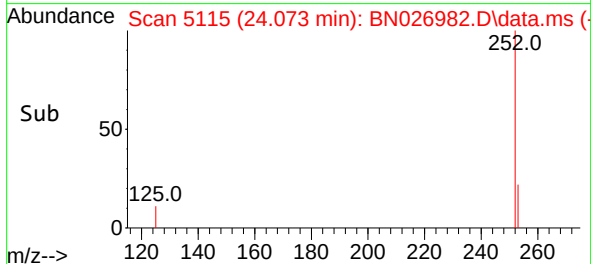
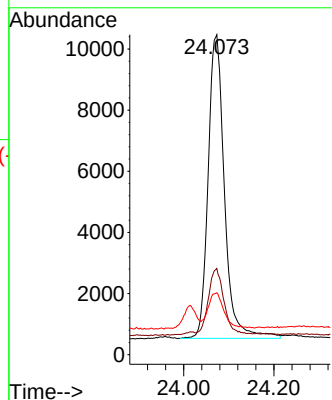
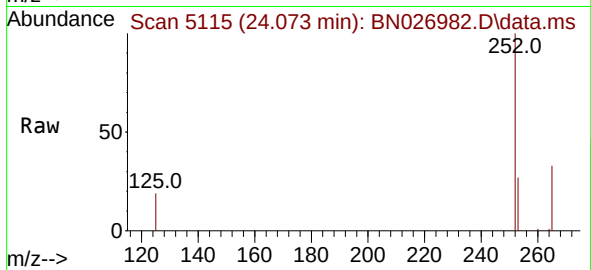
Tgt Ion:252 Resp: 24973

Ion Ratio Lower Upper

252 100

253 27.0 19.0 28.6

125 19.3 11.4 17.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.285 ng/ul

RT: 26.874 min Scan# 5991

Delta R.T. -0.011 min

Lab File: BN026982.D

Acq: 19 Aug 2023 06:17

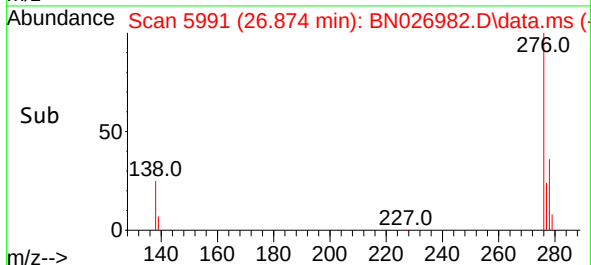
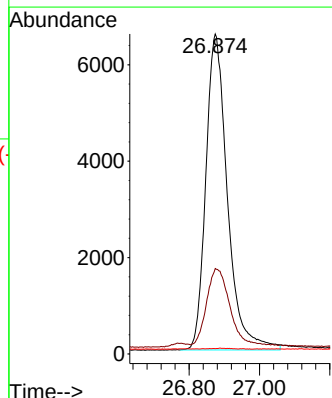
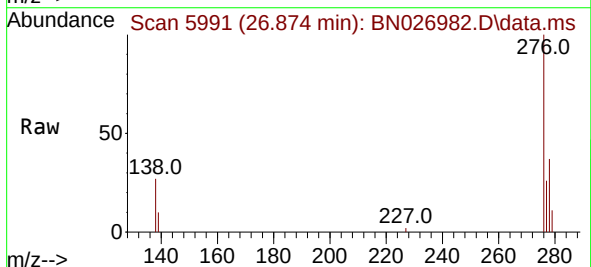
Tgt Ion:276 Resp: 27970

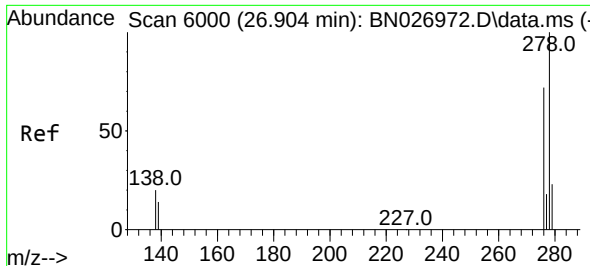
Ion Ratio Lower Upper

276 100

138 26.2 21.6 32.4

227 0.0 0.0 0.0#

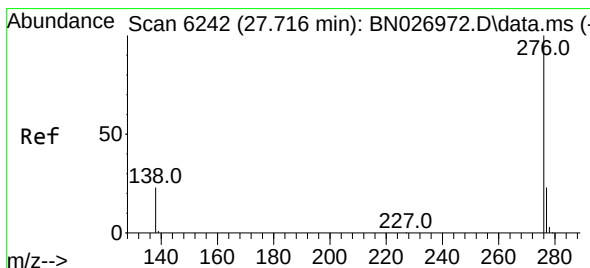
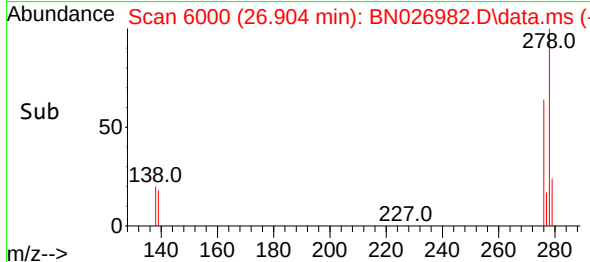
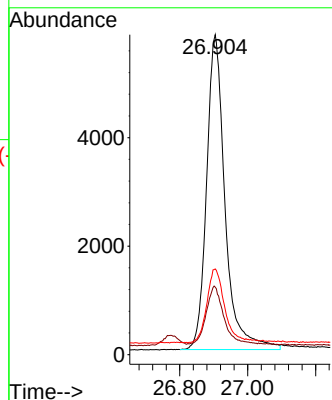
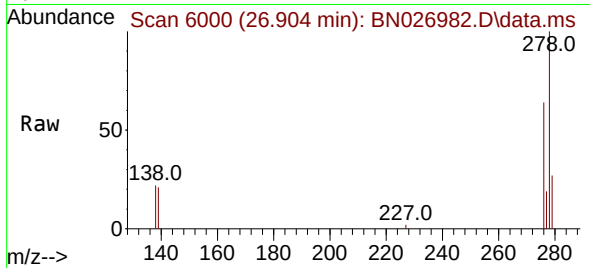




#28
Dibenzo(a,h)anthracene
Concen: 0.280 ng/ul
RT: 26.904 min Scan# 6000
Delta R.T. -0.017 min
Lab File: BN026982.D
Acq: 19 Aug 2023 06:17

Instrument :
BNA_N
ClientSampleId :
SLCS774

Tgt Ion:278 Resp: 21919
Ion Ratio Lower Upper
278 100
139 21.1 15.7 23.5
279 26.8 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 0.288 ng/ul
RT: 27.709 min Scan# 6240
Delta R.T. -0.014 min
Lab File: BN026982.D
Acq: 19 Aug 2023 06:17

Tgt Ion:276 Resp: 23492
Ion Ratio Lower Upper
276 100
138 26.0 19.3 28.9
277 25.1 19.8 29.8

