

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
 Data File : BN026456.D
 Acq On : 11 Jul 2023 11:01
 Operator : MA/JU
 Sample : PB153938BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS938

Quant Time: Jul 12 02:11:16 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 : Sun Jul 09 15:51:14 2023
 Response via : Initial Calibration

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

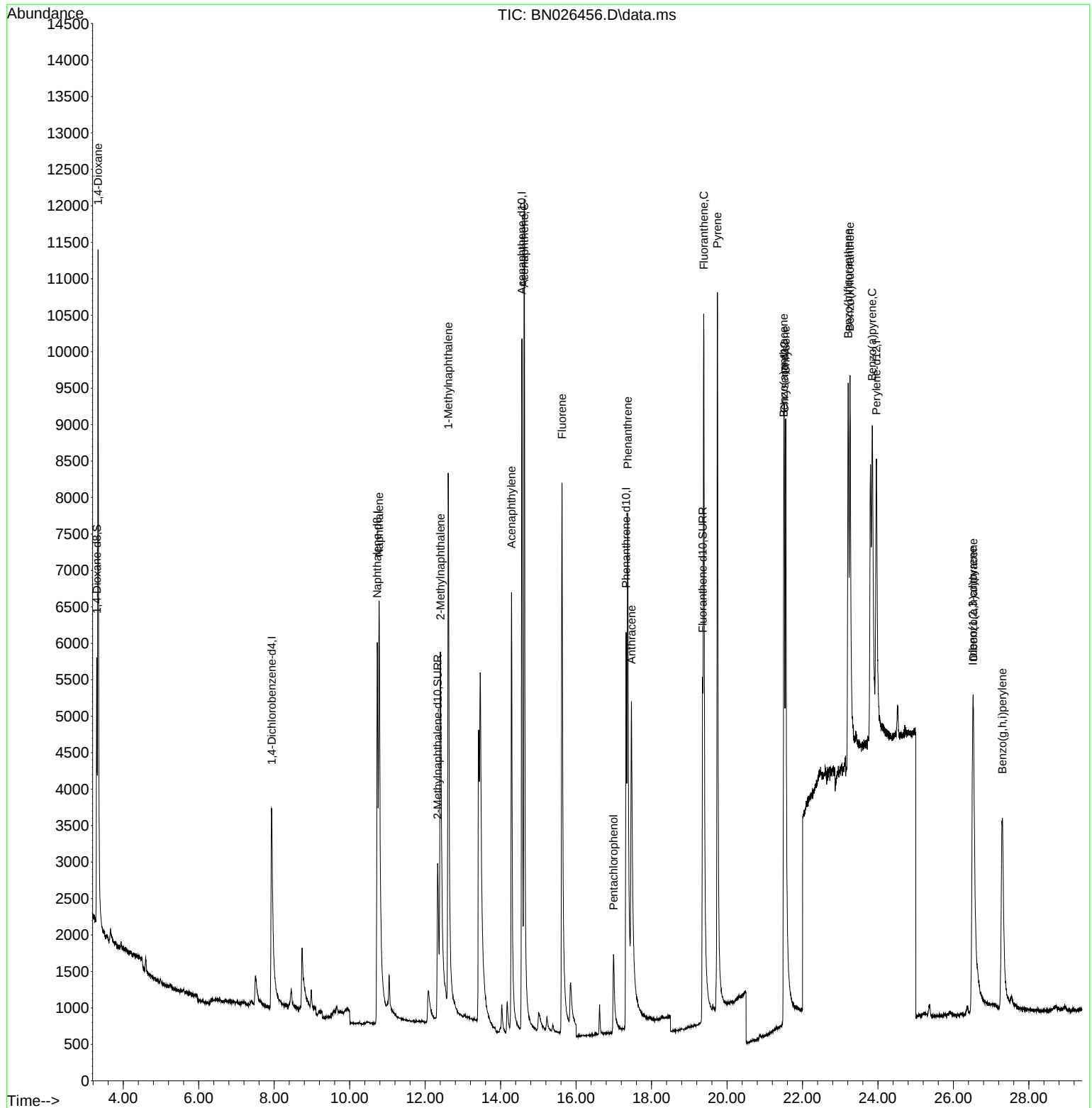
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	3454	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	12764	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.565	164	6894	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	10019	0.400	ng/ul	0.00
17) Chrysene-d12	21.520	240	6278	0.400	ng/ul	0.00
23) Perylene-d12	23.961	264	6045	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	2680	0.689	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	5084	0.259	ng/ul	0.00
18) Fluoranthene-d10	19.354	212	8164	0.342	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.331	88	6926	1.677	ng/ul#	86
5) Naphthalene	10.781	128	12175	0.333	ng/ul	98
7) 2-Methylnaphthalene	12.409	142	6249	0.268	ng/ul	98
8) 1-Methylnaphthalene	12.612	142	7294	0.302	ng/ul	99
10) Acenaphthylene	14.288	152	10472	0.324	ng/ul	98
11) Acenaphthene	14.626	153	8995	0.341	ng/ul	99
12) Fluorene	15.625	166	8497	0.281	ng/ul	97
14) Pentachlorophenol	16.992	266	1359	0.378	ng/ul	99
15) Phenanthrene	17.368	178	10776	0.326	ng/ul	96
16) Anthracene	17.469	178	8806	0.299	ng/ul	95
19) Fluoranthene	19.382	202	11999	0.358	ng/ul	99
20) Pyrene	19.744	202	13116	0.376	ng/ul	97
21) Benzo(a)anthracene	21.505	228	7874	0.304	ng/ul	97
22) Chrysene	21.555	228	9713	0.360	ng/ul	99
24) Benzo(b)fluoranthene	23.212	252	8978	0.348	ng/ul	91
25) Benzo(k)fluoranthene	23.259	252	9626	0.372	ng/ul	93
26) Benzo(a)pyrene	23.850	252	8376	0.374	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.514	276	9527	0.389	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.527	278	7022	0.379	ng/ul#	90
29) Benzo(g,h,i)perylene	27.299	276	8819	0.405	ng/ul	96

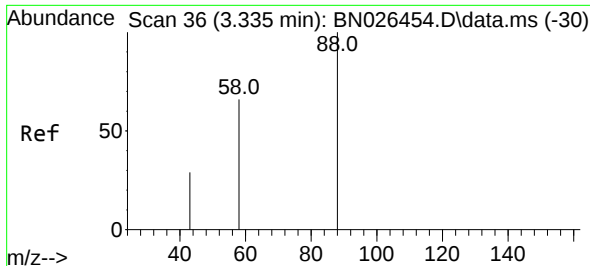
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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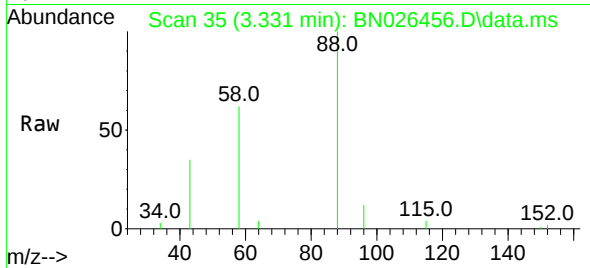
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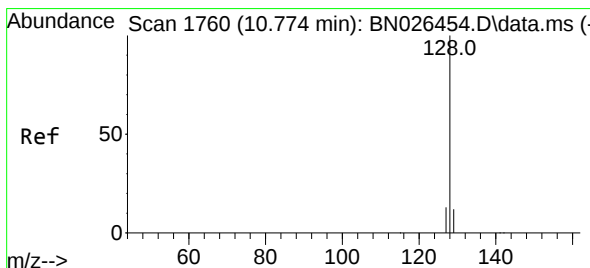
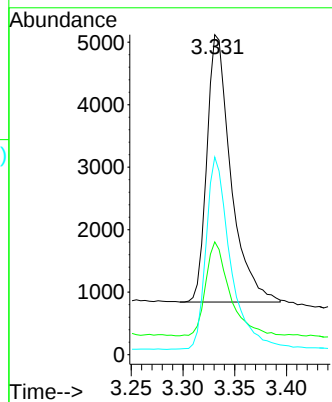
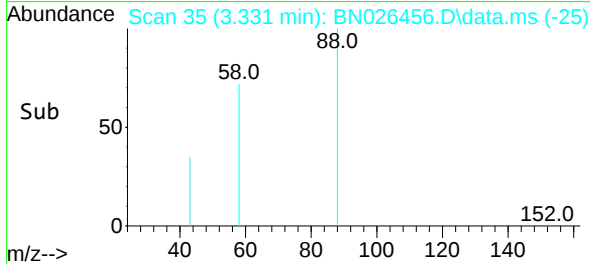


#2
1,4-Dioxane
Concen: 1.677 ng/ul
RT: 3.331 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN026456.D
Acq: 11 Jul 2023 11:01

Instrument :
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ClientSampleId :
SLCS938

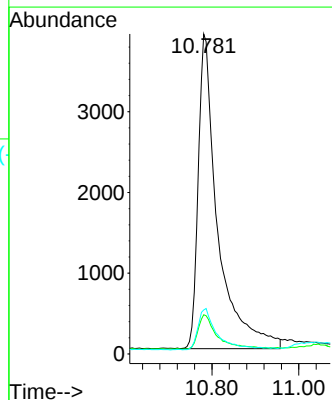
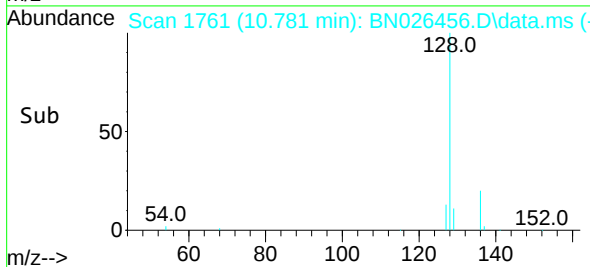
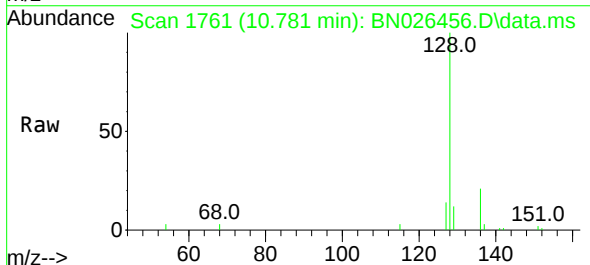


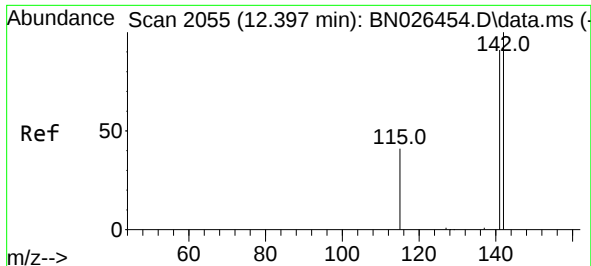
Tgt Ion: 88 Resp: 6926
Ion Ratio Lower Upper
88 100
43 35.2 29.5 44.3
58 61.8 37.4 56.2#



#5
Naphthalene
Concen: 0.333 ng/ul
RT: 10.781 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BN026456.D
Acq: 11 Jul 2023 11:01

Tgt Ion: 128 Resp: 12175
Ion Ratio Lower Upper
128 100
129 12.3 9.1 13.7
127 13.8 10.7 16.1

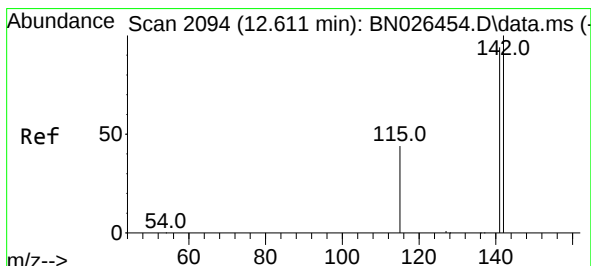
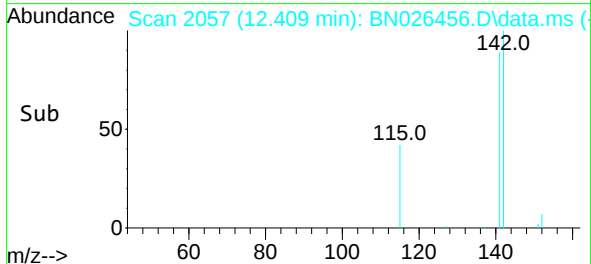
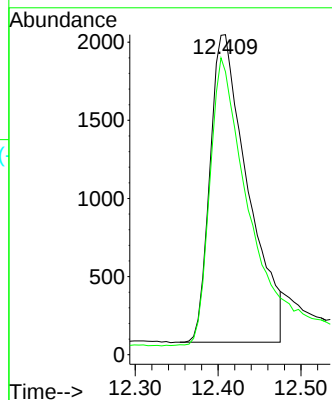
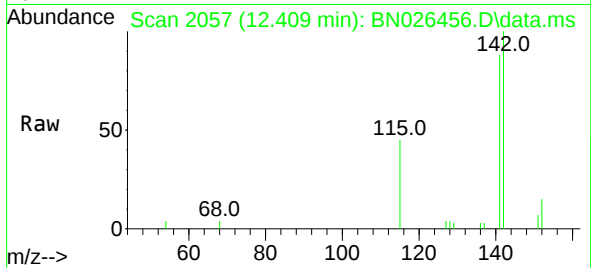




#7
2-Methylnaphthalene
Concen: 0.268 ng/ul
RT: 12.409 min Scan# 2057
Delta R.T. 0.005 min
Lab File: BN026456.D
Acq: 11 Jul 2023 11:01

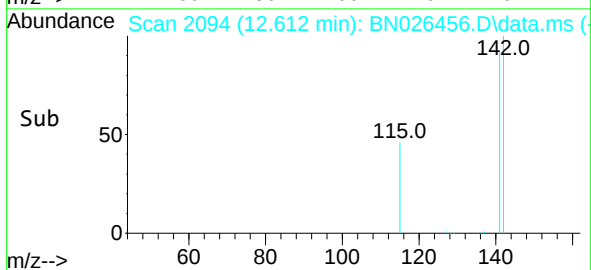
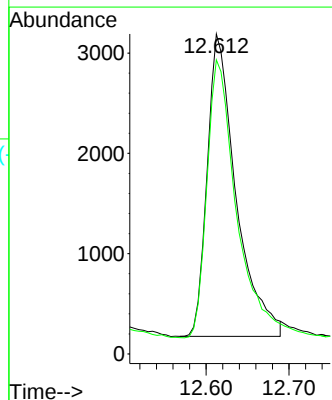
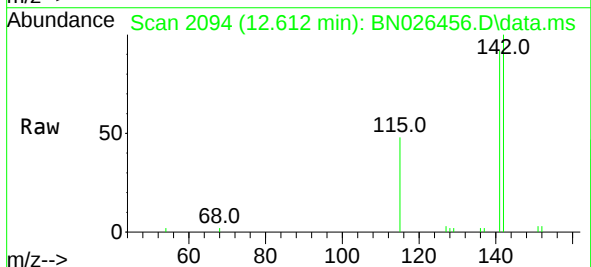
Instrument :
BNA_N
ClientSampleId :
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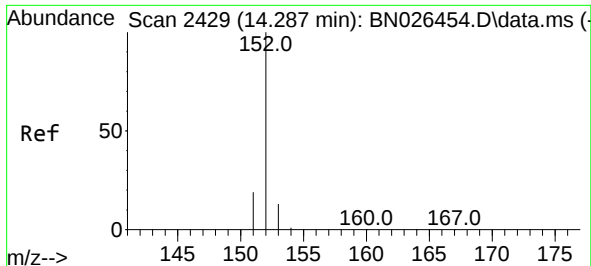
Tgt Ion:142 Resp: 6249
Ion Ratio Lower Upper
142 100
141 91.8 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.302 ng/ul
RT: 12.612 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BN026456.D
Acq: 11 Jul 2023 11:01

Tgt Ion:142 Resp: 7294
Ion Ratio Lower Upper
142 100
141 93.5 74.2 111.4

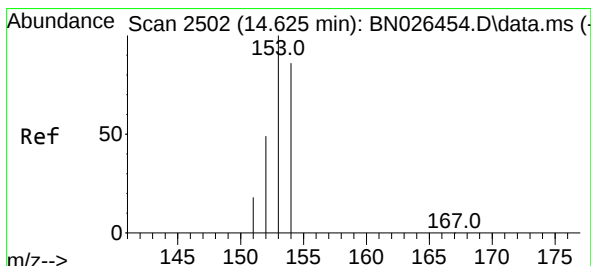
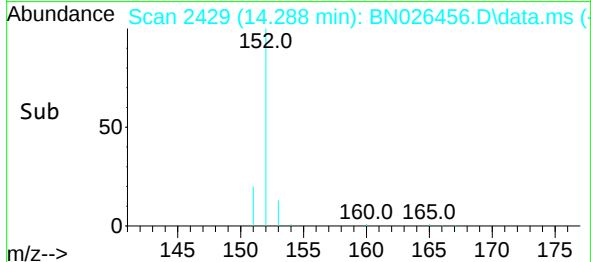
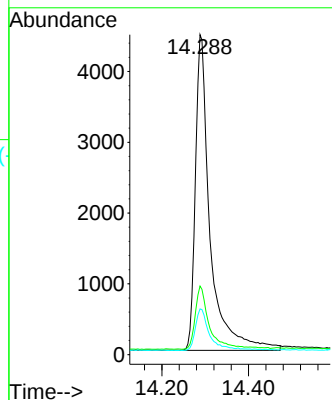
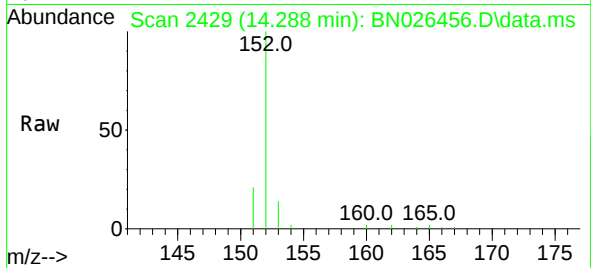




#10
Acenaphthylene
Concen: 0.324 ng/ul
RT: 14.288 min Scan# 2429
Delta R.T. -0.005 min
Lab File: BN026456.D
Acq: 11 Jul 2023 11:01

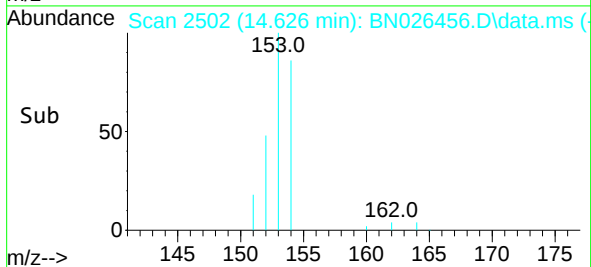
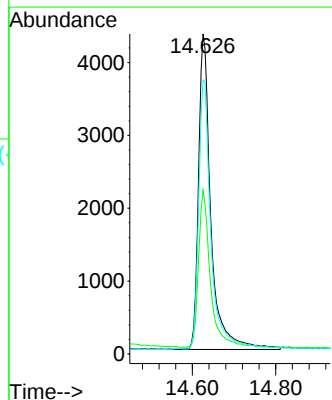
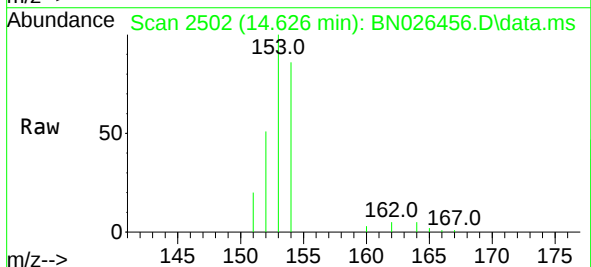
Instrument :
BNA_N
ClientSampleId :
SLCS938

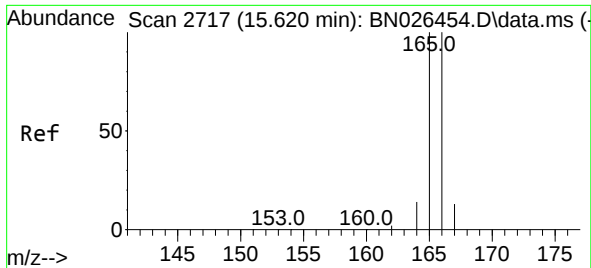
Tgt Ion:152 Resp: 10472
Ion Ratio Lower Upper
152 100
151 21.5 16.2 24.4
153 14.3 10.9 16.3



#11
Acenaphthene
Concen: 0.341 ng/ul
RT: 14.626 min Scan# 2502
Delta R.T. -0.005 min
Lab File: BN026456.D
Acq: 11 Jul 2023 11:01

Tgt Ion:153 Resp: 8995
Ion Ratio Lower Upper
153 100
152 51.2 39.4 59.0
154 85.6 68.9 103.3

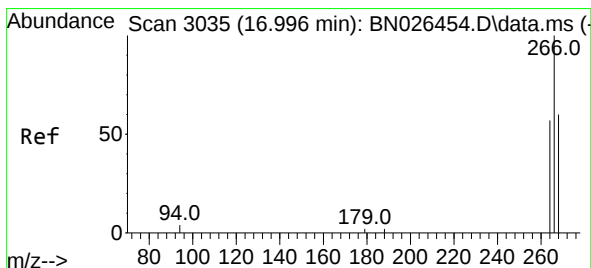
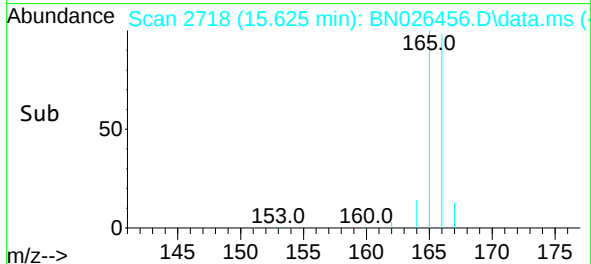
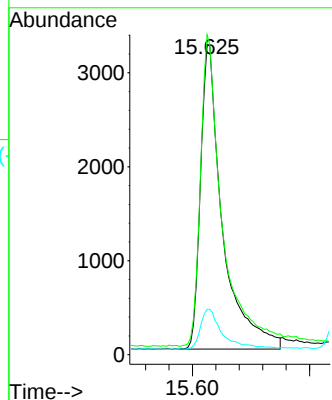
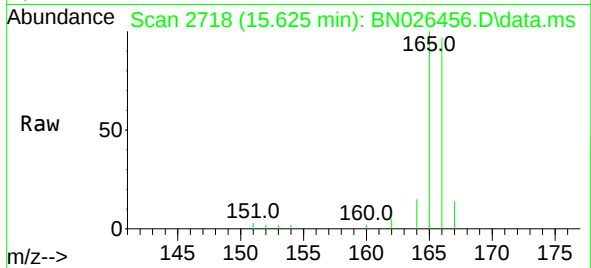




#12
 Fluorene
 Concen: 0.281 ng/ul
 RT: 15.625 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN026456.D
 Acq: 11 Jul 2023 11:01

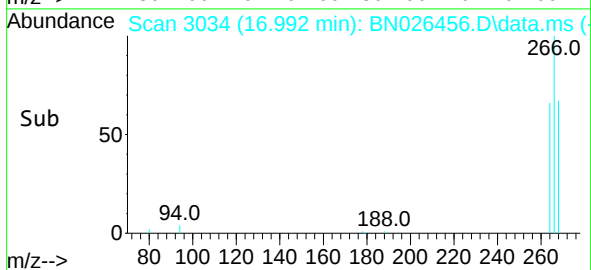
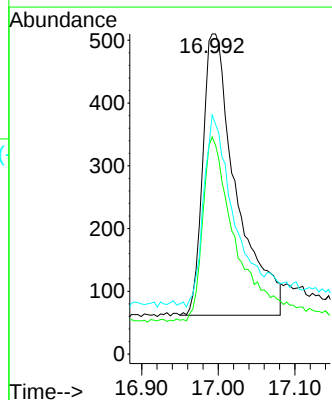
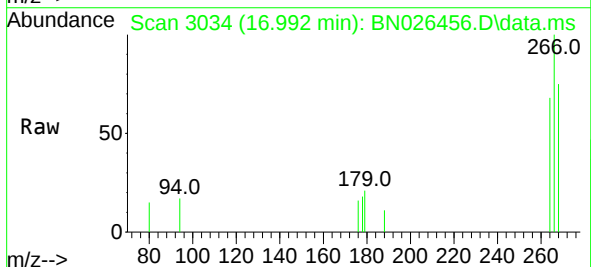
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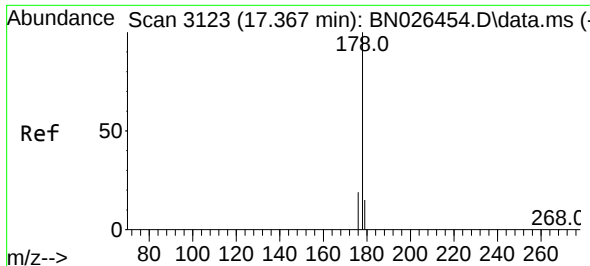
Tgt Ion:166 Resp: 8497
 Ion Ratio Lower Upper
 166 100
 165 103.1 79.9 119.9
 167 14.6 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.378 ng/ul
 RT: 16.992 min Scan# 3034
 Delta R.T. -0.004 min
 Lab File: BN026456.D
 Acq: 11 Jul 2023 11:01

Tgt Ion:266 Resp: 1359
 Ion Ratio Lower Upper
 266 100
 264 62.4 50.5 75.7
 268 63.2 51.6 77.4

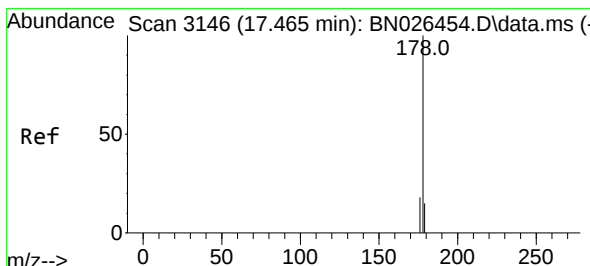
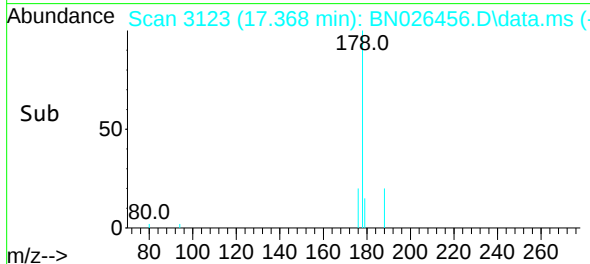
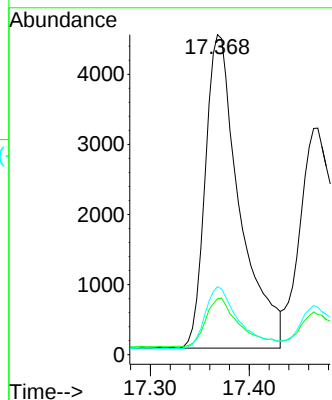
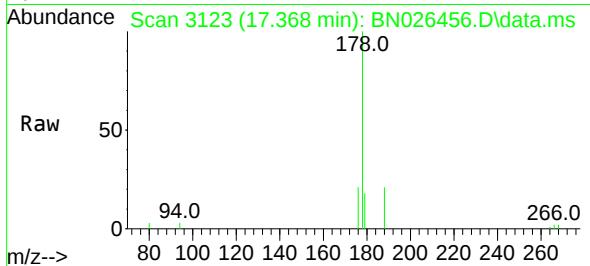




#15
Phenanthrene
Concen: 0.326 ng/ul
RT: 17.368 min Scan# 3123
Delta R.T. -0.000 min
Lab File: BN026456.D
Acq: 11 Jul 2023 11:01

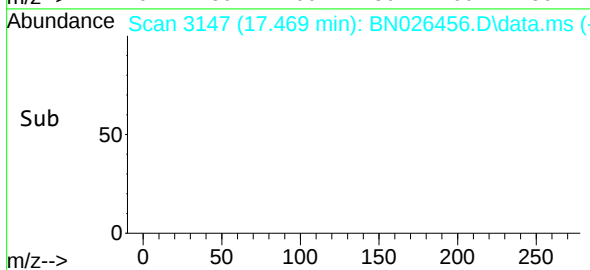
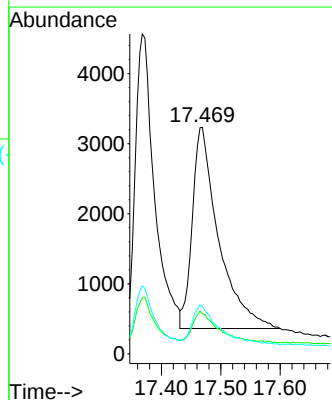
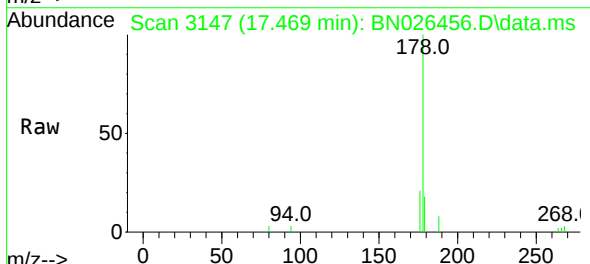
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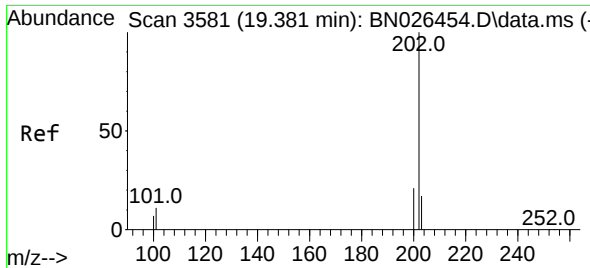
Tgt Ion:178 Resp: 10776
Ion Ratio Lower Upper
178 100
179 17.5 12.6 19.0
176 21.3 15.8 23.6



#16
Anthracene
Concen: 0.299 ng/ul
RT: 17.469 min Scan# 3147
Delta R.T. 0.004 min
Lab File: BN026456.D
Acq: 11 Jul 2023 11:01

Tgt Ion:178 Resp: 8806
Ion Ratio Lower Upper
178 100
179 17.7 12.6 18.8
176 21.0 15.1 22.7

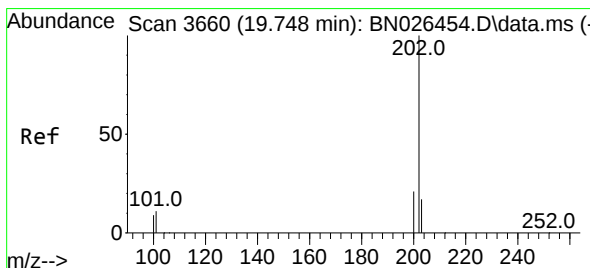
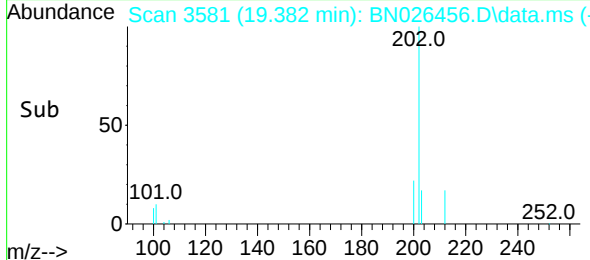
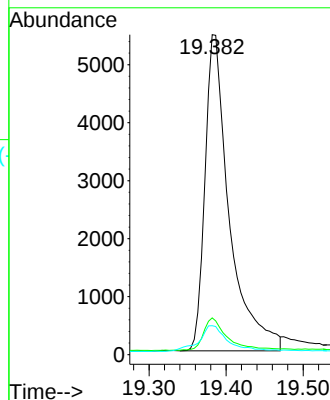
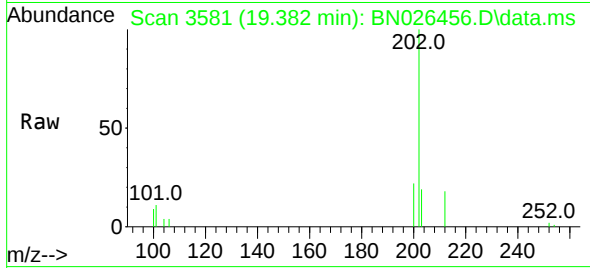




#19
Fluoranthene
Concen: 0.358 ng/ul
RT: 19.382 min Scan# 3581
Delta R.T. -0.005 min
Lab File: BN026456.D
Acq: 11 Jul 2023 11:01

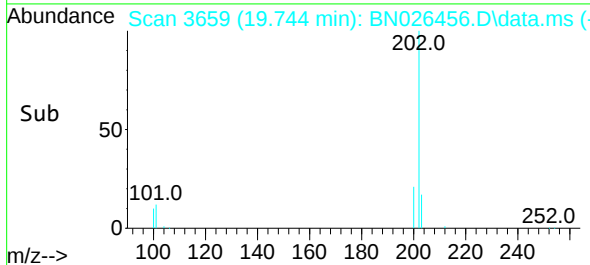
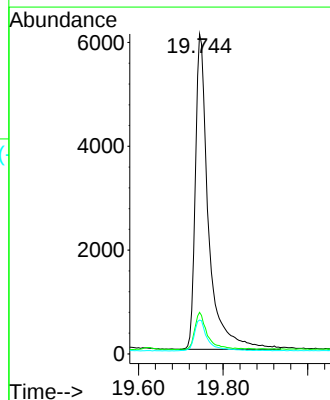
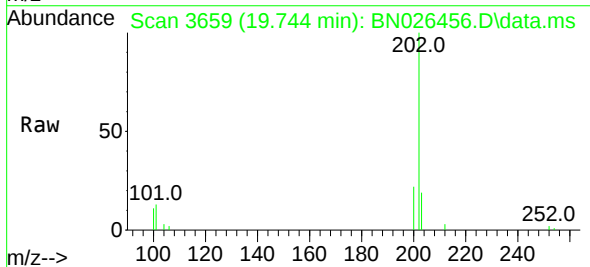
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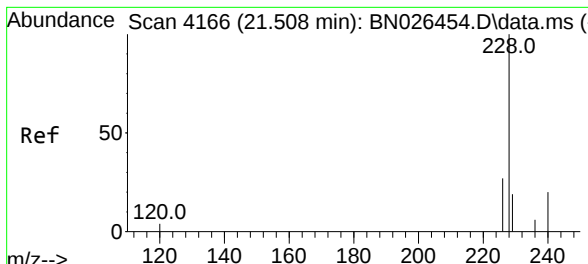
Tgt Ion:202 Resp: 11999
Ion Ratio Lower Upper
202 100
101 11.5 9.5 14.3
100 9.0 7.3 10.9



#20
Pyrene
Concen: 0.376 ng/ul
RT: 19.744 min Scan# 3659
Delta R.T. -0.005 min
Lab File: BN026456.D
Acq: 11 Jul 2023 11:01

Tgt Ion:202 Resp: 13116
Ion Ratio Lower Upper
202 100
101 13.0 11.4 17.0
100 10.6 9.1 13.7

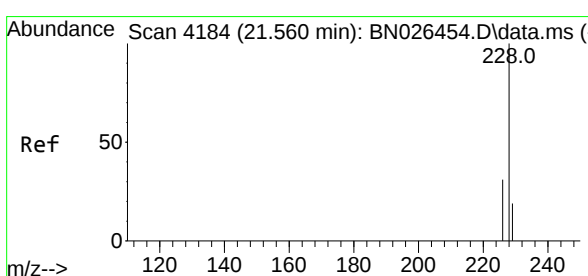
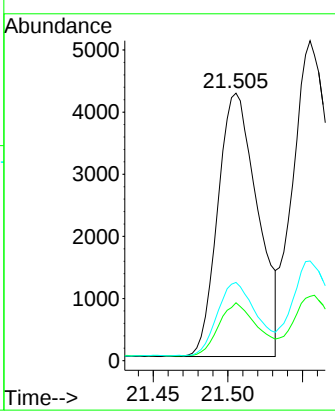
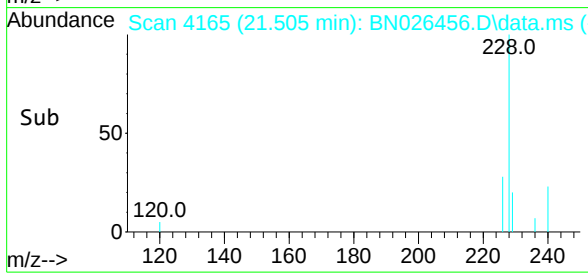
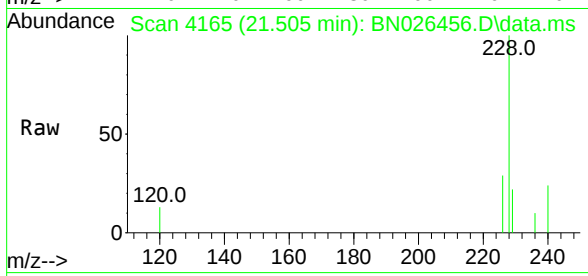




#21
 Benzo(a)anthracene
 Concen: 0.304 ng/ul
 RT: 21.505 min Scan# 4166
 Delta R.T. 0.006 min
 Lab File: BN026456.D
 Acq: 11 Jul 2023 11:01

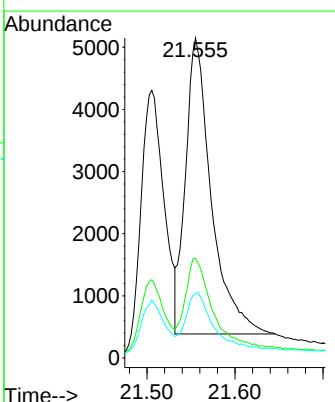
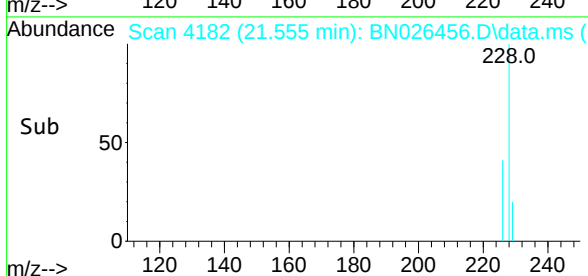
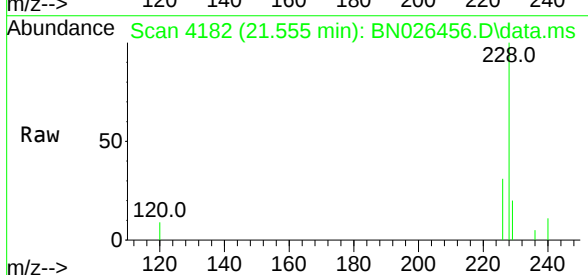
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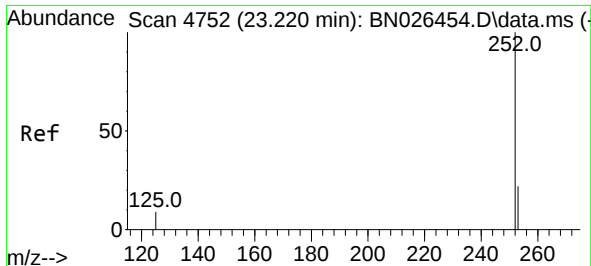
Tgt Ion:	228	Resp:	7874
Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.8	23.6
226	29.2	22.5	33.7



#22
 Chrysene
 Concen: 0.360 ng/ul
 RT: 21.555 min Scan# 4182
 Delta R.T. 0.003 min
 Lab File: BN026456.D
 Acq: 11 Jul 2023 11:01

Tgt Ion:	228	Resp:	9713
Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.8	37.2
229	20.1	15.7	23.5

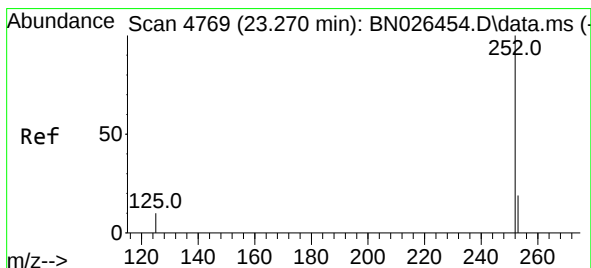
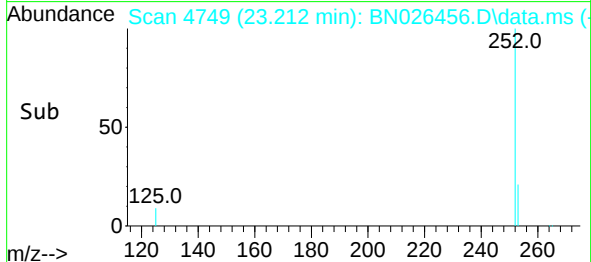
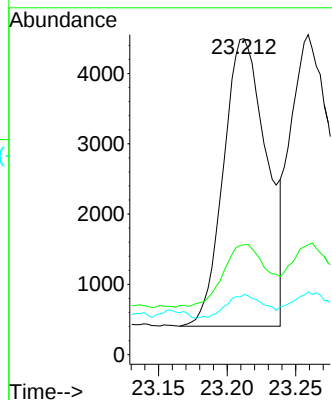
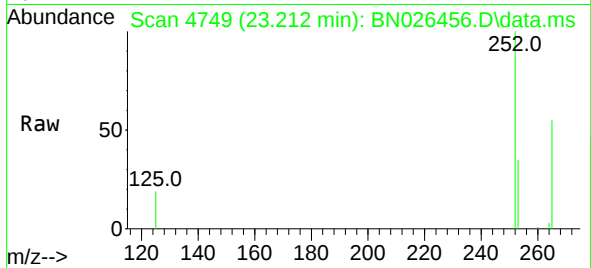




#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 23.212 min Scan# 4752
Delta R.T. -0.006 min
Lab File: BN026456.D
Acq: 11 Jul 2023 11:01

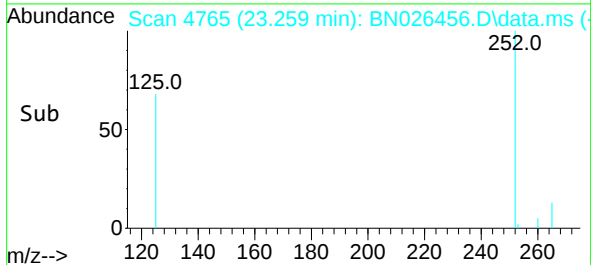
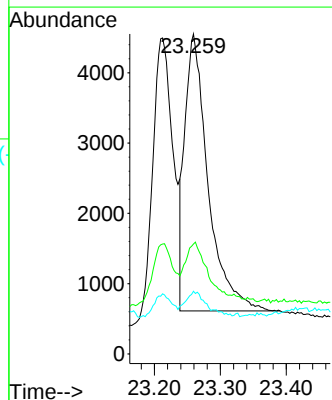
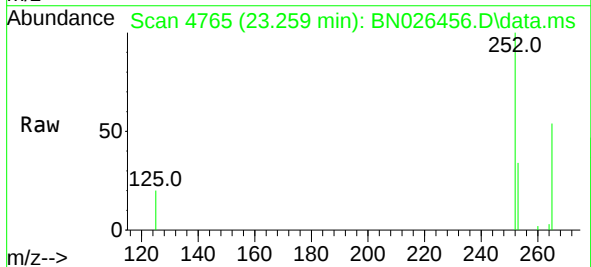
Instrument :
BNA_N
ClientSampleId :
SLCS938

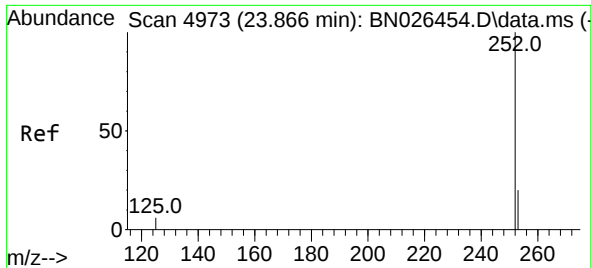
Tgt Ion:252 Resp: 8978
Ion Ratio Lower Upper
252 100
253 34.8 0.0 55.6
125 19.0 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.372 ng/ul
RT: 23.259 min Scan# 4765
Delta R.T. -0.003 min
Lab File: BN026456.D
Acq: 11 Jul 2023 11:01

Tgt Ion:252 Resp: 9626
Ion Ratio Lower Upper
252 100
253 34.4 23.2 34.8
125 19.6 15.0 22.4

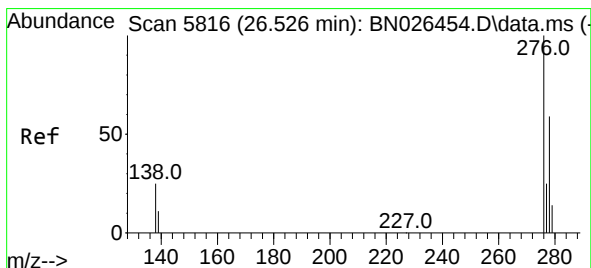
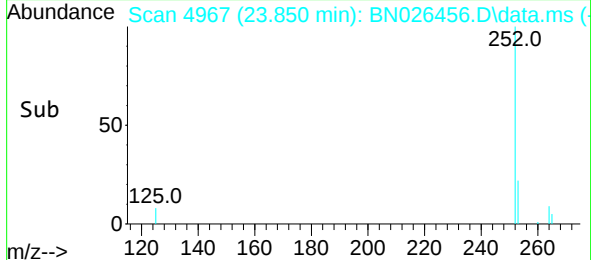
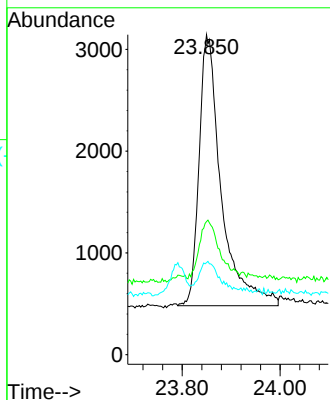
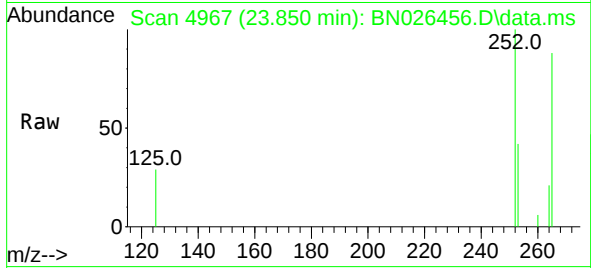




#26
Benzo(a)pyrene
Concen: 0.374 ng/ul
RT: 23.850 min Scan# 4973
Delta R.T. -0.021 min
Lab File: BN026456.D
Acq: 11 Jul 2023 11:01

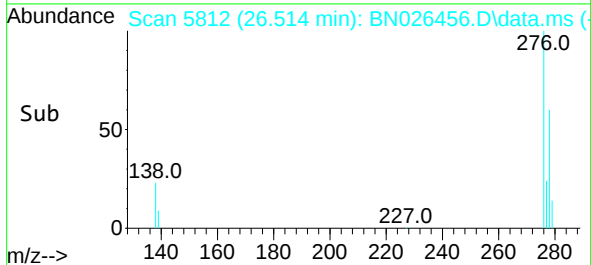
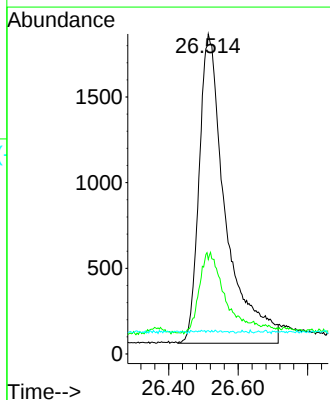
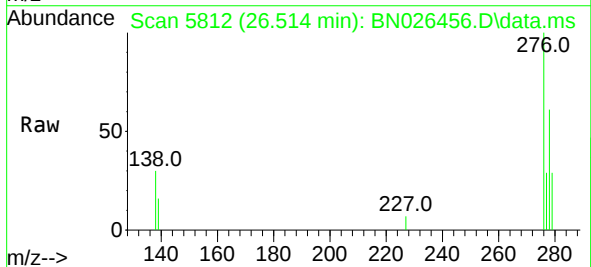
Instrument :
BNA_N
ClientSampleId :
SLCS938

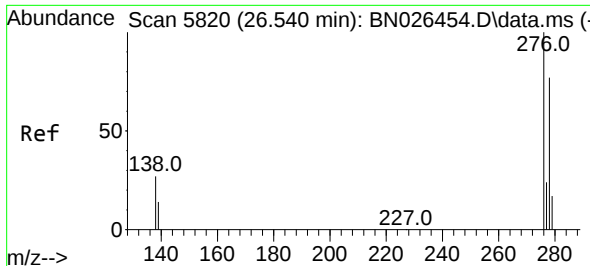
Tgt Ion:252 Resp: 8376
Ion Ratio Lower Upper
252 100
253 41.6 26.0 39.0#
125 28.7 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng/ul
RT: 26.514 min Scan# 5812
Delta R.T. -0.027 min
Lab File: BN026456.D
Acq: 11 Jul 2023 11:01

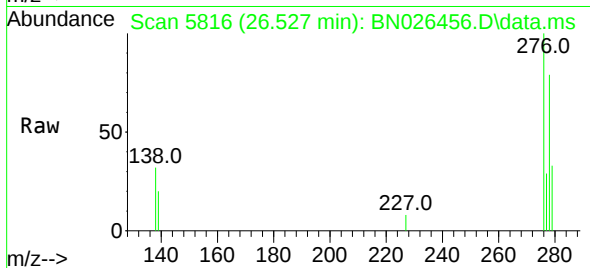
Tgt Ion:276 Resp: 9527
Ion Ratio Lower Upper
276 100
138 27.3 24.5 36.7
227 0.1 0.0 0.0#



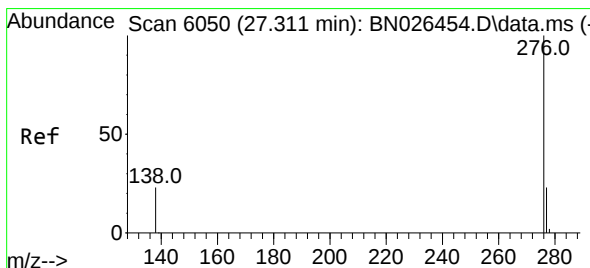
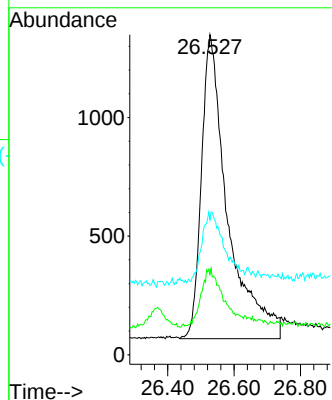


#28
Dibenzo(a,h)anthracene
Concen: 0.379 ng/ul
RT: 26.527 min Scan# 5816
Delta R.T. -0.034 min
Lab File: BN026456.D
Acq: 11 Jul 2023 11:01

Instrument :
BNA_N
ClientSampleId :
SLCS938



Tgt Ion:278 Resp: 7022
Ion Ratio Lower Upper
278 100
139 25.1 19.0 28.4
279 42.1 26.7 40.1#



#29
Benzo(g,h,i)perylene
Concen: 0.405 ng/ul
RT: 27.299 min Scan# 6046
Delta R.T. -0.037 min
Lab File: BN026456.D
Acq: 11 Jul 2023 11:01

Tgt Ion:276 Resp: 8819
Ion Ratio Lower Upper
276 100
138 29.8 23.4 35.0
277 28.3 20.0 30.0

