

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
 Data File : BN026544.D
 Acq On : 17 Jul 2023 19:38
 Operator : MA/JU
 Sample : PB154018BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS018

Quant Time: Jul 18 04:21:56 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 17 17:14:21 2023
 Response via : Initial Calibration

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

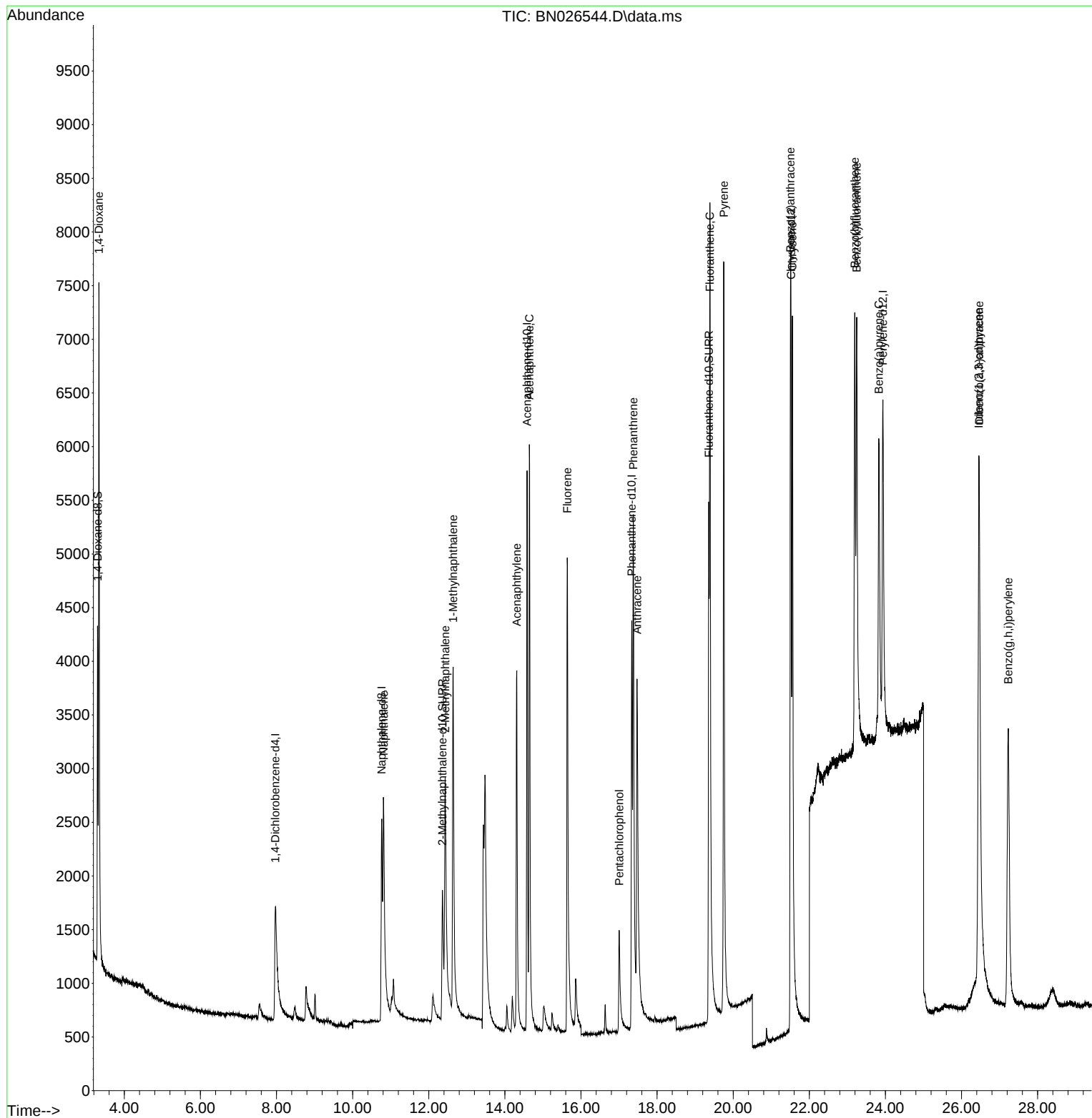
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	1714	0.400	ng/ul	0.02
4) Naphthalene-d8	10.765	136	5076	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.584	164	3497	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	6948	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.520	240	5555	0.400	ng/ul	# 0.00
23) Perylene-d12	23.932	264	5409	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	2022	0.896	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.359	152	2794	0.405	ng/ul	0.01
18) Fluoranthene-d10	19.359	212	8133	0.422	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	4725	2.212	ng/ul	89
5) Naphthalene	10.814	128	4498	0.323	ng/ul	95
7) 2-Methylnaphthalene	12.431	142	2676	0.338	ng/ul	99
8) 1-Methylnaphthalene	12.640	142	3227	0.381	ng/ul	97
10) Acenaphthylene	14.311	152	5413	0.316	ng/ul	99
11) Acenaphthene	14.644	153	4135	0.317	ng/ul	98
12) Fluorene	15.639	166	4629	0.338	ng/ul	99
14) Pentachlorophenol	17.005	266	1114	0.636	ng/ul	97
15) Phenanthrene	17.376	178	6973	0.315	ng/ul	99
16) Anthracene	17.473	178	6156	0.321	ng/ul	99
19) Fluoranthene	19.391	202	8797	0.338	ng/ul#	93
20) Pyrene	19.754	202	9523	0.337	ng/ul#	94
21) Benzo(a)anthracene	21.505	228	6564	0.322	ng/ul	99
22) Chrysene	21.555	228	7683	0.331	ng/ul	99
24) Benzo(b)fluoranthene	23.195	252	6685	0.317	ng/ul	95
25) Benzo(k)fluoranthene	23.245	252	7727	0.350	ng/ul#	94
26) Benzo(a)pyrene	23.826	252	6359	0.339	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.453	276	8950	0.364	ng/ul#	75
28) Dibenzo(a,h)anthracene	26.464	278	7026	0.372	ng/ul#	78
29) Benzo(g,h,i)perylene	27.228	276	7858	0.362	ng/ul#	88

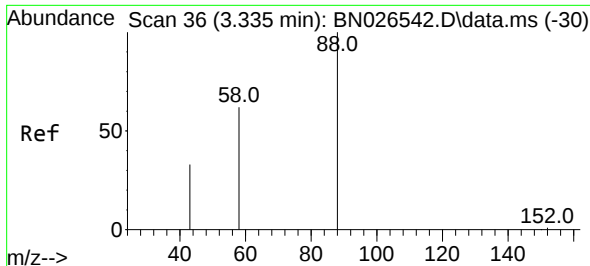
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 18 04:21:56 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 17 17:14:21 2023
Response via : Initial Calibration

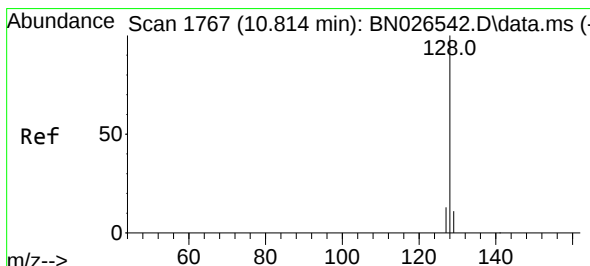
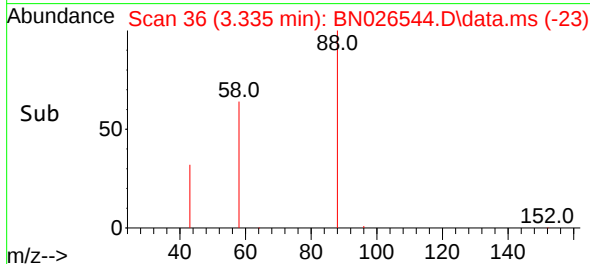
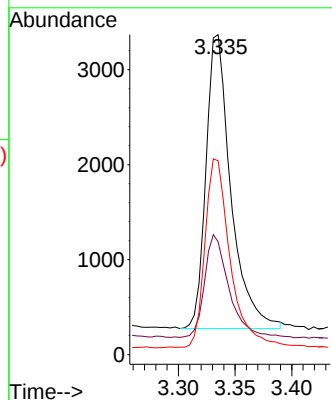
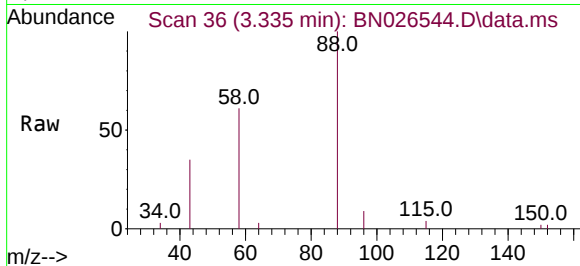




#2
 1,4-Dioxane
 Concen: 2.212 ng/ul
 RT: 3.335 min Scan# 30
 Delta R.T. 0.004 min
 Lab File: BN026544.D
 Acq: 17 Jul 2023 19:38

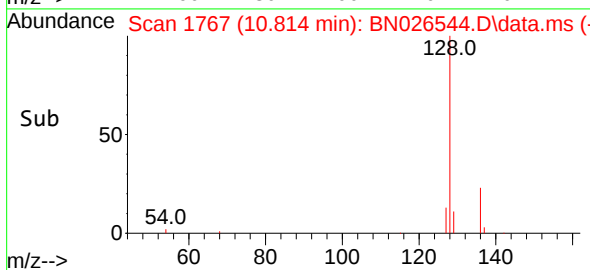
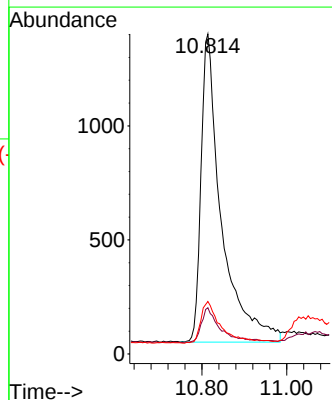
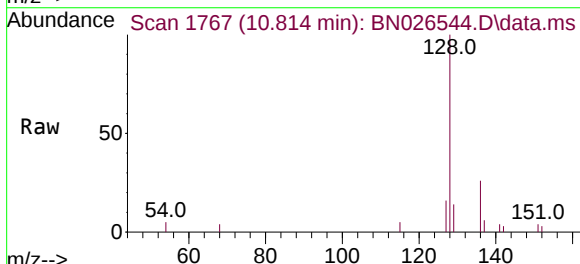
Instrument :
 BNA_N
 ClientSampleId :
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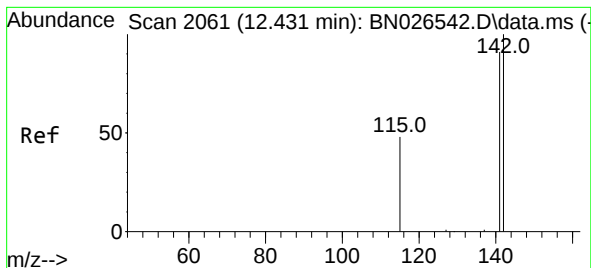
Tgt Ion: 88 Resp: 4725
 Ion Ratio Lower Upper
 88 100
 43 35.3 33.0 49.6
 58 60.6 41.7 62.5



#5
 Naphthalene
 Concen: 0.323 ng/ul
 RT: 10.814 min Scan# 1767
 Delta R.T. 0.016 min
 Lab File: BN026544.D
 Acq: 17 Jul 2023 19:38

Tgt Ion: 128 Resp: 4498
 Ion Ratio Lower Upper
 128 100
 129 14.5 10.2 15.2
 127 16.4 11.4 17.0

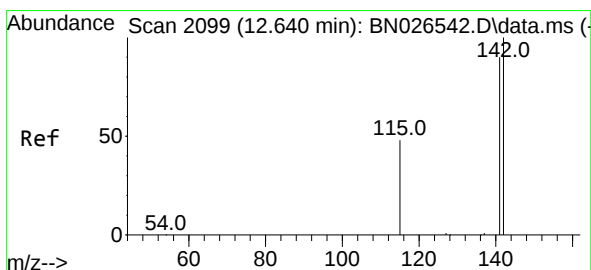
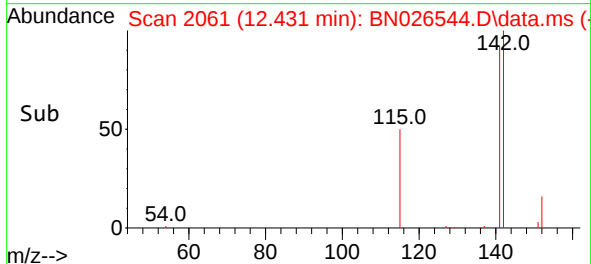
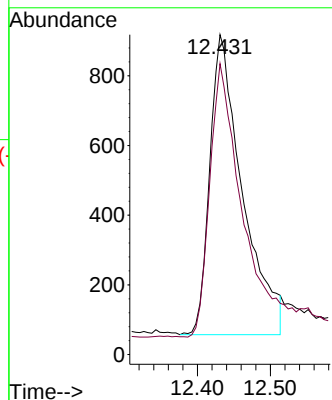
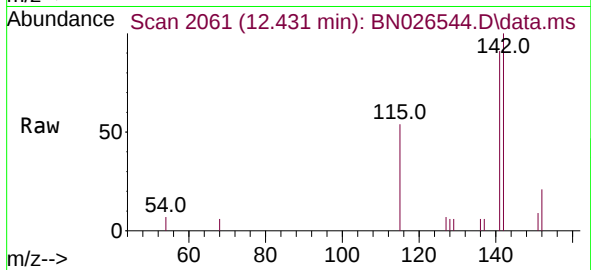




#7
2-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.431 min Scan# 2061
Delta R.T. 0.011 min
Lab File: BN026544.D
Acq: 17 Jul 2023 19:38

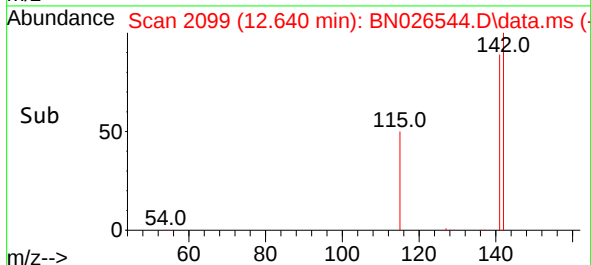
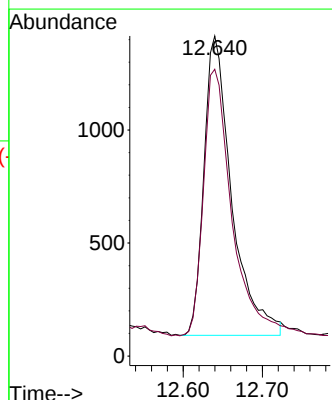
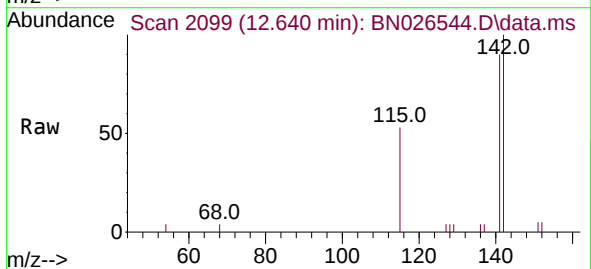
Instrument :
BNA_N
ClientSampleId :
SLCS018

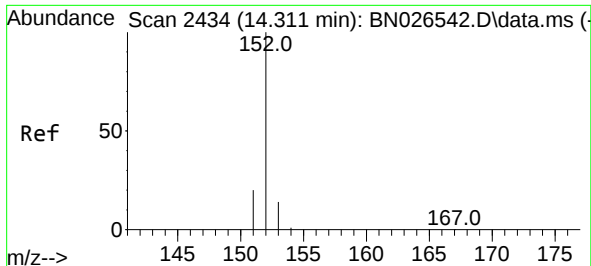
Tgt Ion:142 Resp: 2676
Ion Ratio Lower Upper
142 100
141 89.5 72.3 108.5



#8
1-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. 0.011 min
Lab File: BN026544.D
Acq: 17 Jul 2023 19:38

Tgt Ion:142 Resp: 3227
Ion Ratio Lower Upper
142 100
141 90.4 74.5 111.7

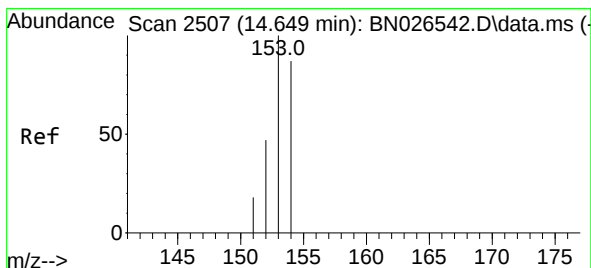
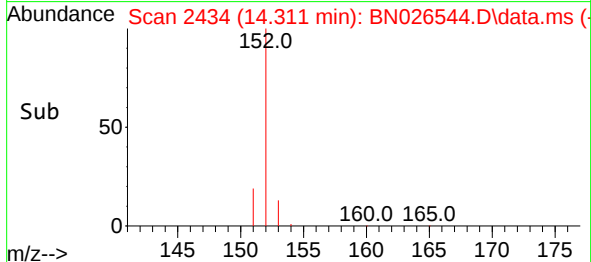
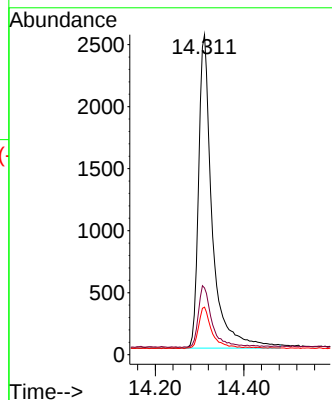
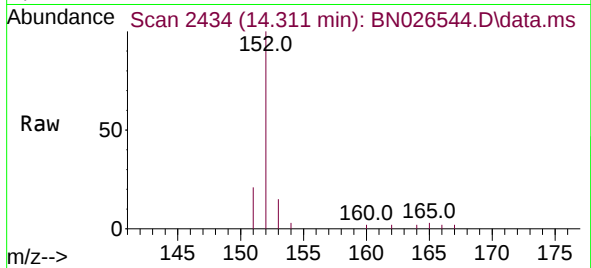




#10
Acenaphthylene
Concen: 0.316 ng/ul
RT: 14.311 min Scan# 2434
Delta R.T. 0.009 min
Lab File: BN026544.D
Acq: 17 Jul 2023 19:38

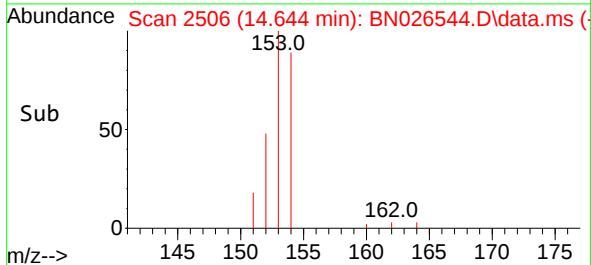
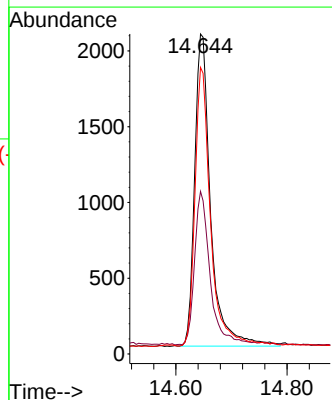
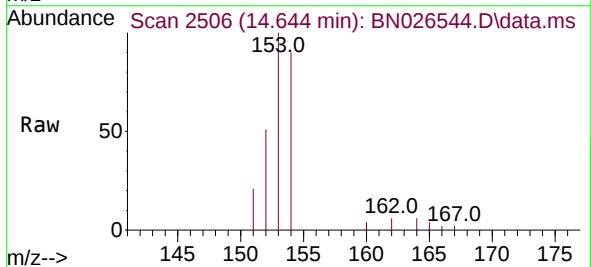
Instrument :
BNA_N
ClientSampleId :
SLCS018

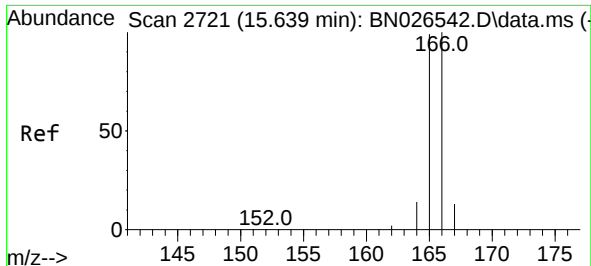
Tgt Ion:152 Resp: 5413
Ion Ratio Lower Upper
152 100
151 20.9 17.0 25.6
153 14.8 11.4 17.2



#11
Acenaphthene
Concen: 0.317 ng/ul
RT: 14.644 min Scan# 2506
Delta R.T. 0.005 min
Lab File: BN026544.D
Acq: 17 Jul 2023 19:38

Tgt Ion:153 Resp: 4135
Ion Ratio Lower Upper
153 100
152 50.8 40.2 60.4
154 89.5 69.3 103.9

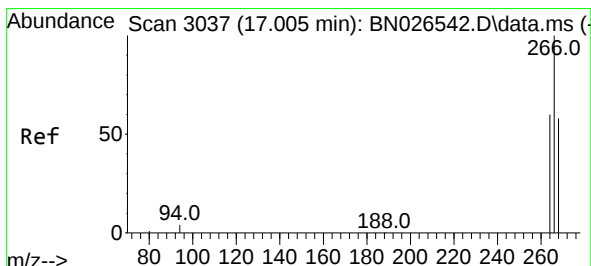
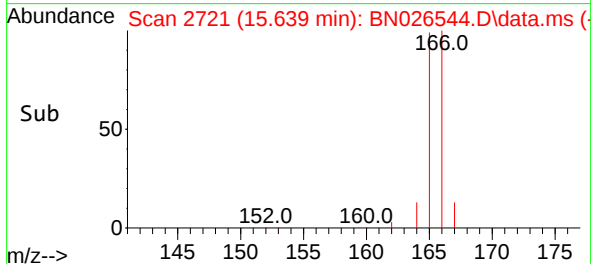
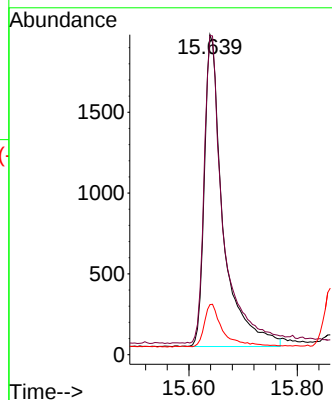
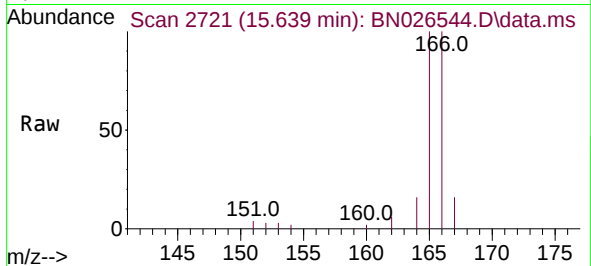




#12
Fluorene
Concen: 0.338 ng/ul
RT: 15.639 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN026544.D
Acq: 17 Jul 2023 19:38

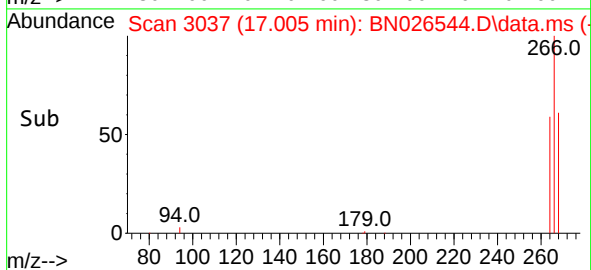
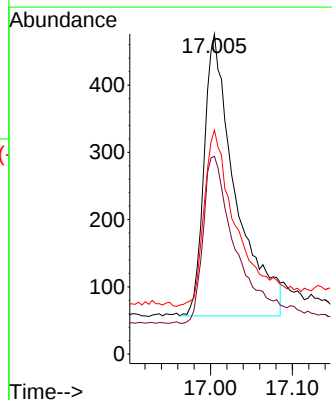
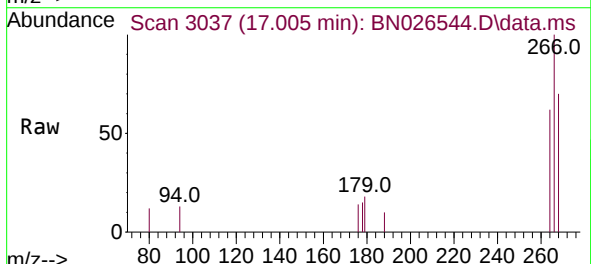
Instrument :
BNA_N
ClientSampleId :
SLCS018

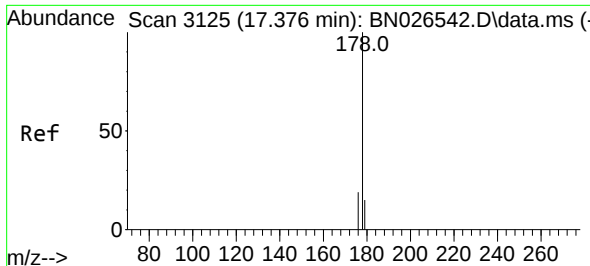
Tgt Ion:	166	Resp:	4629
Ion Ratio	Lower	Upper	
166	100		
165	99.7	80.6	120.8
167	15.7	12.0	18.0



#14
Pentachlorophenol
Concen: 0.636 ng/ul
RT: 17.005 min Scan# 3037
Delta R.T. 0.008 min
Lab File: BN026544.D
Acq: 17 Jul 2023 19:38

Tgt Ion:	266	Resp:	1114
Ion Ratio	Lower	Upper	
266	100		
264	61.8	52.0	78.0
268	64.7	53.0	79.6

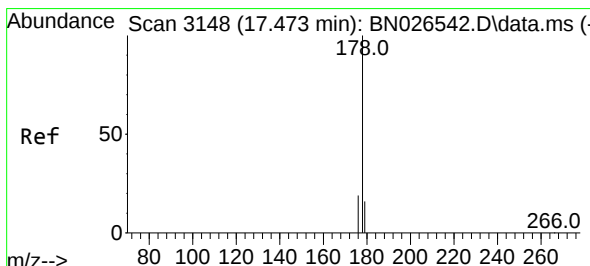
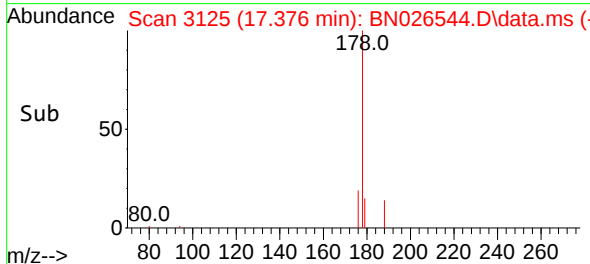
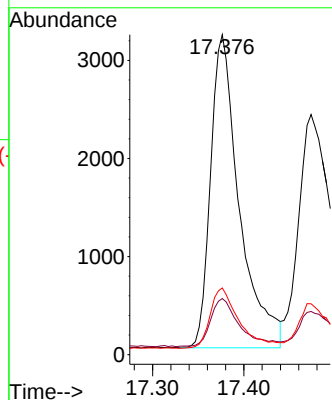
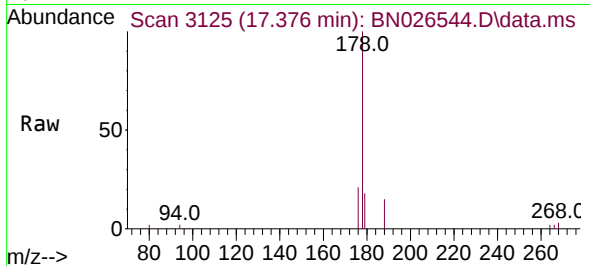




#15
Phenanthrene
Concen: 0.315 ng/u1
RT: 17.376 min Scan# 3125
Delta R.T. 0.004 min
Lab File: BN026544.D
Acq: 17 Jul 2023 19:38

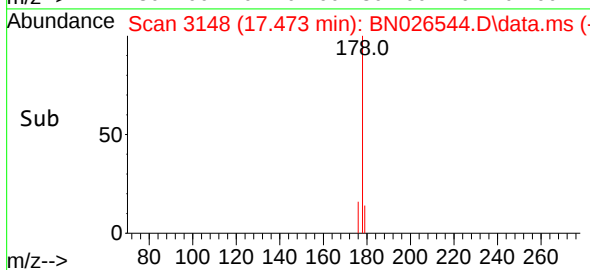
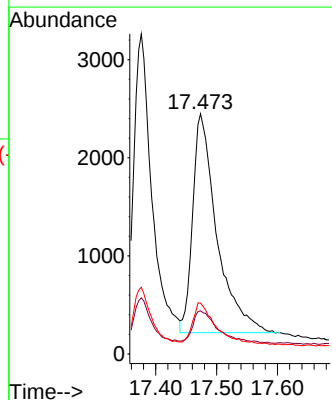
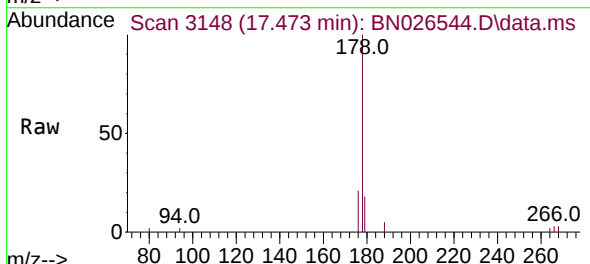
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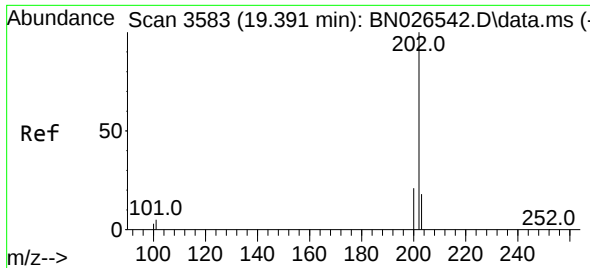
Tgt Ion:178 Resp: 6973
Ion Ratio Lower Upper
178 100
179 17.5 13.7 20.5
176 20.8 16.5 24.7



#16
Anthracene
Concen: 0.321 ng/u1
RT: 17.473 min Scan# 3148
Delta R.T. 0.008 min
Lab File: BN026544.D
Acq: 17 Jul 2023 19:38

Tgt Ion:178 Resp: 6156
Ion Ratio Lower Upper
178 100
179 18.0 14.8 22.2
176 21.2 16.6 25.0

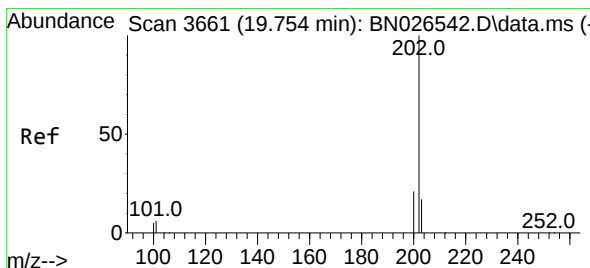
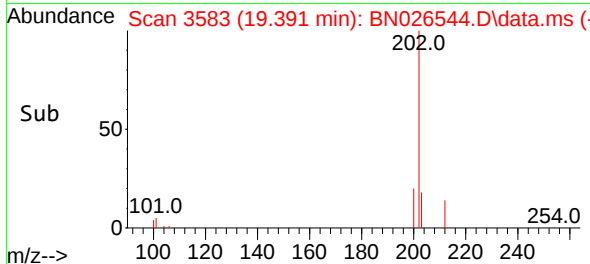
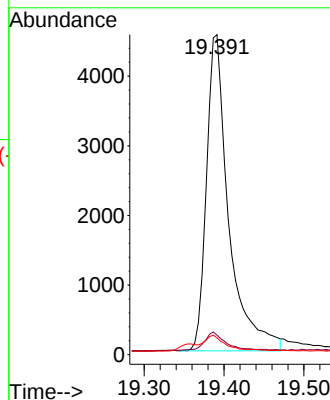
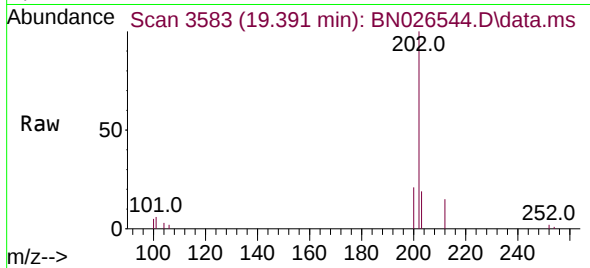




#19
Fluoranthene
Concen: 0.338 ng/ul
RT: 19.391 min Scan# 3583
Delta R.T. 0.005 min
Lab File: BN026544.D
Acq: 17 Jul 2023 19:38

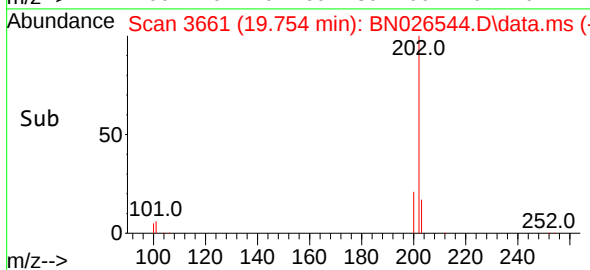
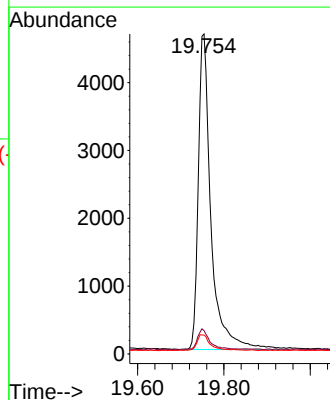
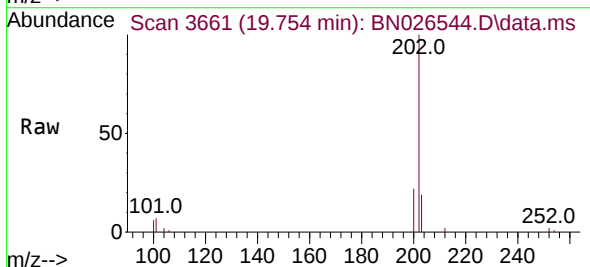
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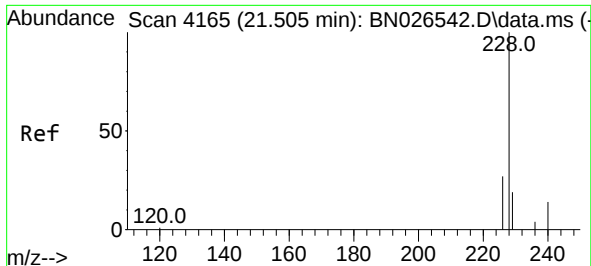
Tgt Ion:202 Resp: 8797
Ion Ratio Lower Upper
202 100
101 6.1 7.0 10.4#
100 5.3 6.0 9.0#



#20
Pyrene
Concen: 0.337 ng/ul
RT: 19.754 min Scan# 3661
Delta R.T. 0.005 min
Lab File: BN026544.D
Acq: 17 Jul 2023 19:38

Tgt Ion:202 Resp: 9523
Ion Ratio Lower Upper
202 100
101 7.3 8.0 12.0#
100 5.9 6.2 9.2#

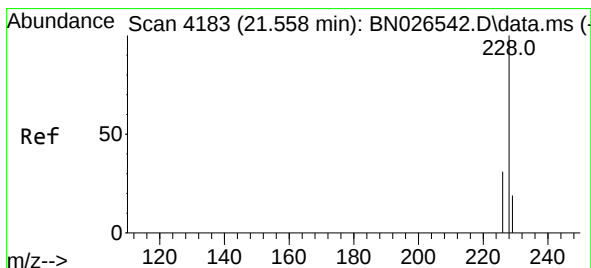
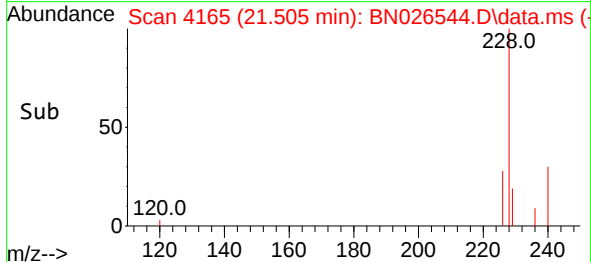
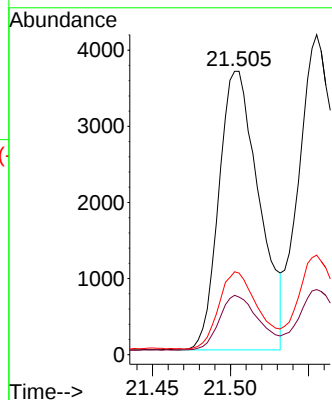
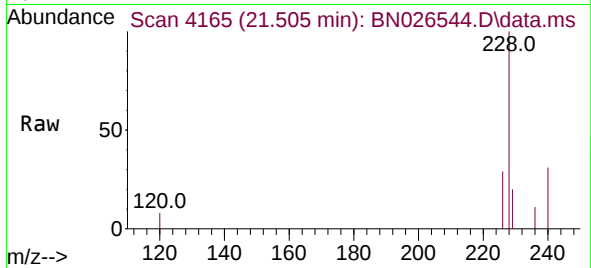




#21
Benzo(a)anthracene
Concen: 0.322 ng/ul
RT: 21.505 min Scan# 4165
Delta R.T. 0.003 min
Lab File: BN026544.D
Acq: 17 Jul 2023 19:38

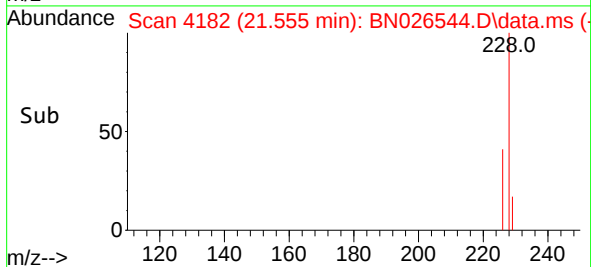
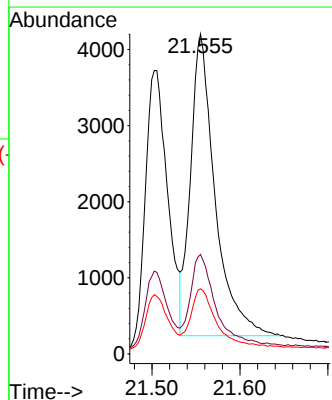
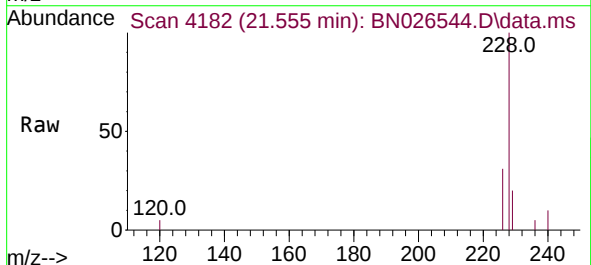
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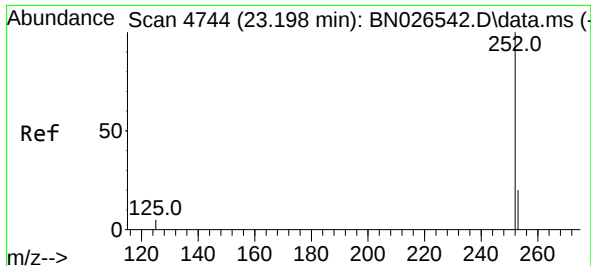
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Ion Ratio Lower Upper
228 100
229 20.3 16.7 25.1
226 28.8 23.5 35.3



#22
Chrysene
Concen: 0.331 ng/ul
RT: 21.555 min Scan# 4182
Delta R.T. -0.003 min
Lab File: BN026544.D
Acq: 17 Jul 2023 19:38

Tgt Ion:228 Resp: 7683
Ion Ratio Lower Upper
228 100
226 31.1 25.2 37.8
229 20.3 16.4 24.6

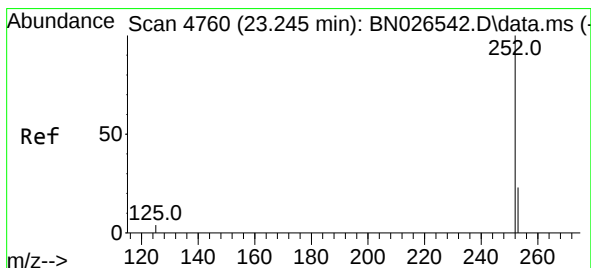
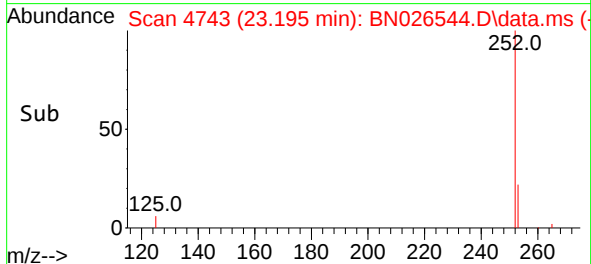
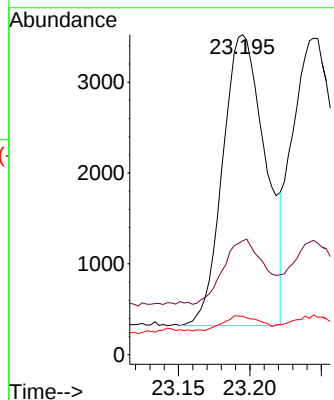
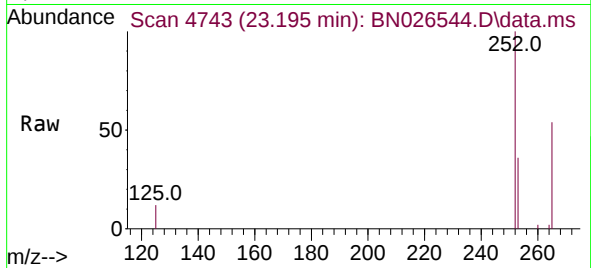




#24
Benzo(b)fluoranthene
Concen: 0.317 ng/ul
RT: 23.195 min Scan# 4743
Delta R.T. -0.000 min
Lab File: BN026544.D
Acq: 17 Jul 2023 19:38

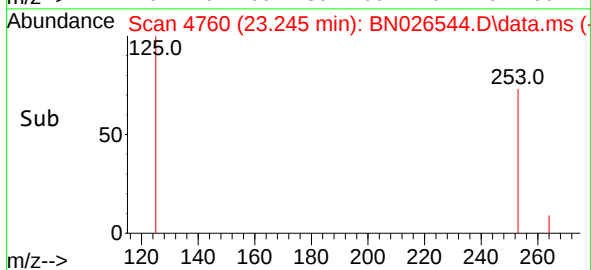
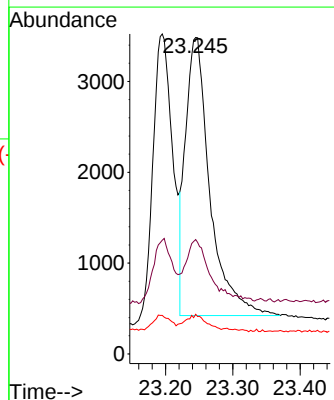
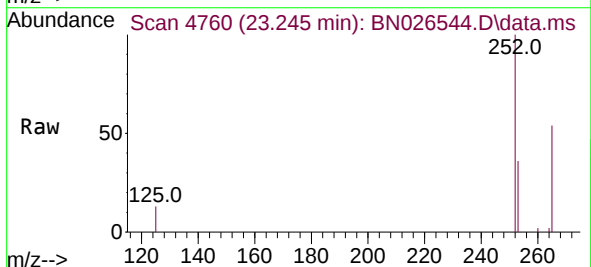
Instrument :
BNA_N
ClientSampleId :
SLCS018

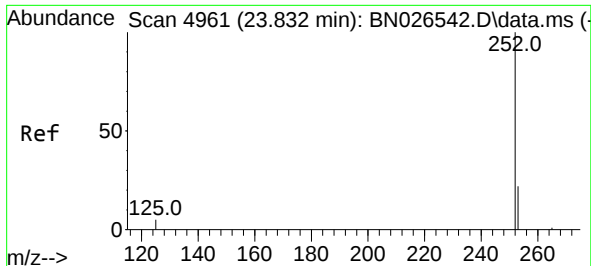
Tgt Ion:252	Resp:	6685	
Ion	Ratio	Lower	Upper
252	100		
253	35.5	0.0	68.6
125	12.1	0.0	34.0



#25
Benzo(k)fluoranthene
Concen: 0.350 ng/ul
RT: 23.245 min Scan# 4760
Delta R.T. -0.000 min
Lab File: BN026544.D
Acq: 17 Jul 2023 19:38

Tgt Ion:252	Resp:	7727	
Ion	Ratio	Lower	Upper
252	100		
253	36.2	27.2	40.8
125	12.5	13.4	20.2#

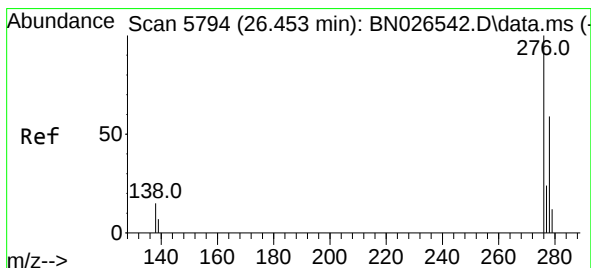
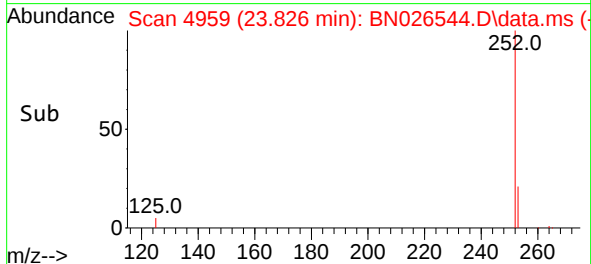
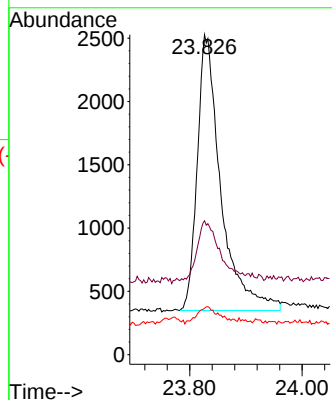
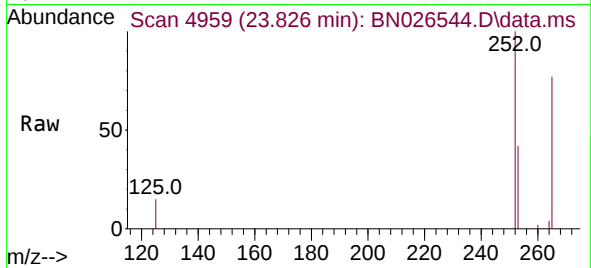




#26
Benzo(a)pyrene
Concen: 0.339 ng/ul
RT: 23.826 min Scan# 4961
Delta R.T. -0.000 min
Lab File: BN026544.D
Acq: 17 Jul 2023 19:38

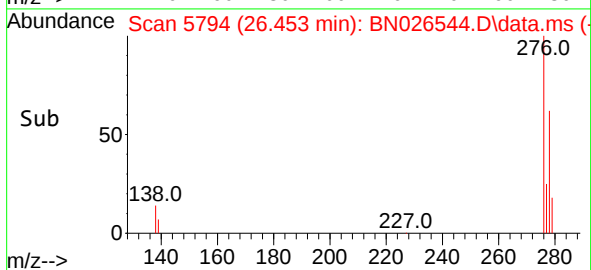
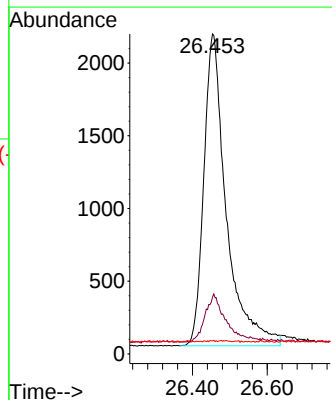
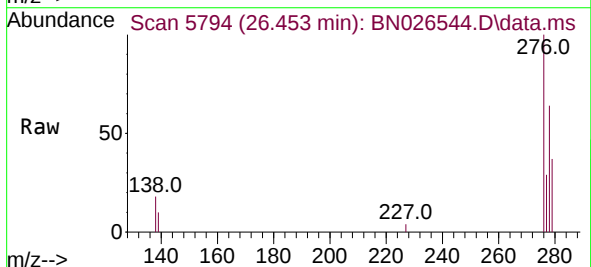
Instrument :
BNA_N
ClientSampleId :
SLCS018

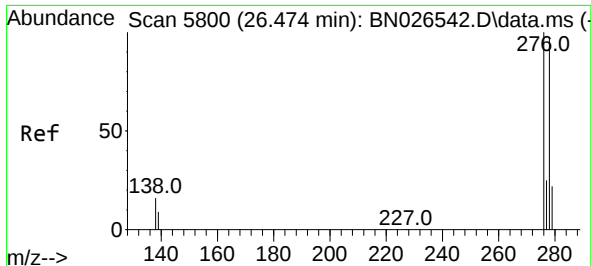
Tgt Ion:252 Resp: 6359
Ion Ratio Lower Upper
252 100
253 41.9 32.6 49.0
125 14.5 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng/ul
RT: 26.453 min Scan# 5794
Delta R.T. -0.000 min
Lab File: BN026544.D
Acq: 17 Jul 2023 19:38

Tgt Ion:276 Resp: 8950
Ion Ratio Lower Upper
276 100
138 14.6 22.2 33.4#
227 0.1 0.1 0.1#

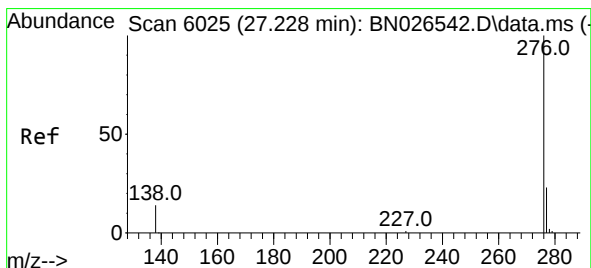
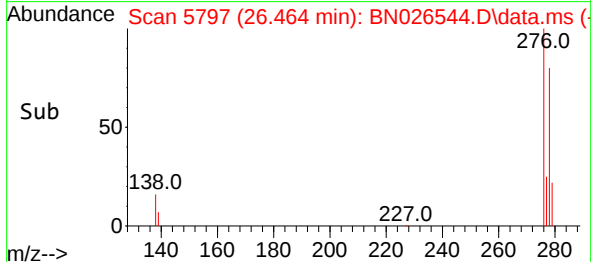
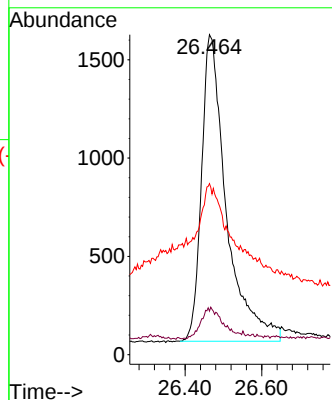
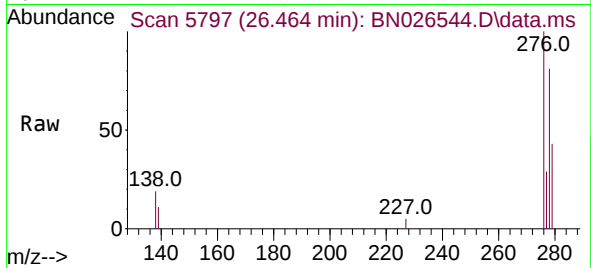




#28
Dibenzo(a,h)anthracene
Concen: 0.372 ng/ul
RT: 26.464 min Scan# 51
Delta R.T. -0.003 min
Lab File: BN026544.D
Acq: 17 Jul 2023 19:38

Instrument :
BNA_N
ClientSampleId :
SLCS018

Tgt Ion:278 Resp: 7026
Ion Ratio Lower Upper
278 100
139 13.6 18.9 28.3#
279 53.4 31.3 46.9#



#29
Benzo(g,h,i)perylene
Concen: 0.362 ng/ul
RT: 27.228 min Scan# 6025
Delta R.T. 0.003 min
Lab File: BN026544.D
Acq: 17 Jul 2023 19:38

Tgt Ion:276 Resp: 7858
Ion Ratio Lower Upper
276 100
138 16.7 22.6 34.0#
277 26.5 21.8 32.8

