

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070823\
 Data File : BN026408.D
 Acq On : 09 Jul 2023 05:04
 Operator : MA/JU
 Sample : PB153851BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS851

Quant Time: Jul 09 05:45:46 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)

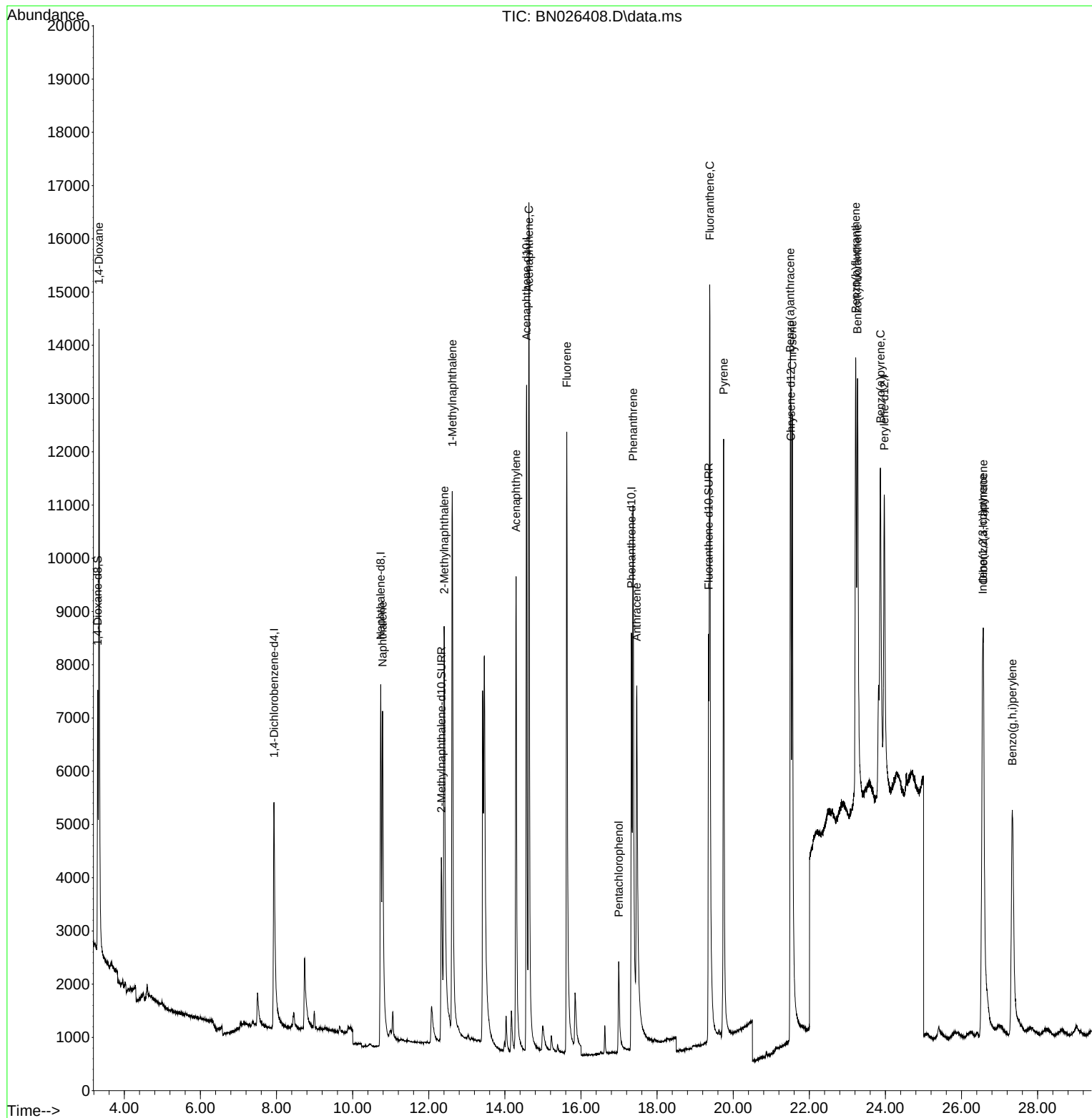
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	4302	0.400	ng/ul	0.00
4) Naphthalene-d8	10.737	136	13647	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.571	164	8453	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.327	188	12759	0.400	ng/ul	0.00
17) Chrysene-d12	21.518	240	8282	0.400	ng/ul	0.00
23) Perylene-d12	23.971	264	8219	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	3589	0.741	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	7436	0.354	ng/ul	0.00
18) Fluoranthene-d10	19.355	212	11564	0.367	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.335	88	8651	1.682	ng/ul#	86
5) Naphthalene	10.787	128	12242	0.313	ng/ul	99
7) 2-Methylnaphthalene	12.409	142	8810	0.354	ng/ul	99
8) 1-Methylnaphthalene	12.618	142	9816	0.380	ng/ul	99
10) Acenaphthylene	14.293	152	14332	0.362	ng/ul	99
11) Acenaphthene	14.631	153	11641	0.360	ng/ul	99
12) Fluorene	15.626	166	11485	0.309	ng/ul	99
14) Pentachlorophenol	16.993	266	1845	0.403	ng/ul	99
15) Phenanthrene	17.369	178	14874	0.353	ng/ul	98
16) Anthracene	17.466	178	12451	0.332	ng/ul	96
19) Fluoranthene	19.383	202	16038	0.363	ng/ul	99
20) Pyrene	19.750	202	13793	0.300	ng/ul#	90
21) Benzo(a)anthracene	21.501	228	11765	0.344	ng/ul	99
22) Chrysene	21.553	228	13442	0.378	ng/ul	99
24) Benzo(b)fluoranthene	23.219	252	13219	0.377	ng/ul	92
25) Benzo(k)fluoranthene	23.266	252	14083	0.400	ng/ul	93
26) Benzo(a)pyrene	23.868	252	11851	0.389	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.558	276	14591	0.438	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.572	278	11027	0.438	ng/ul	97
29) Benzo(g,h,i)perylene	27.333	276	13034	0.440	ng/ul	97

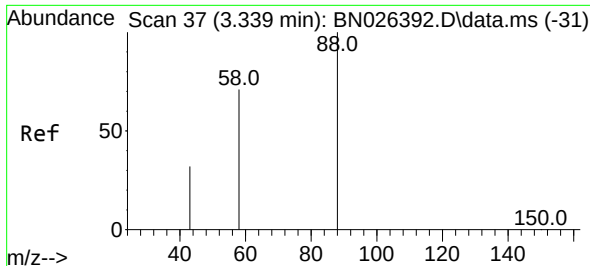
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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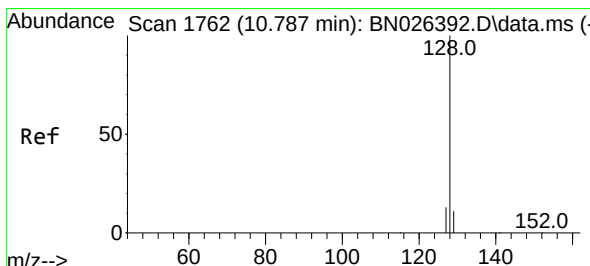
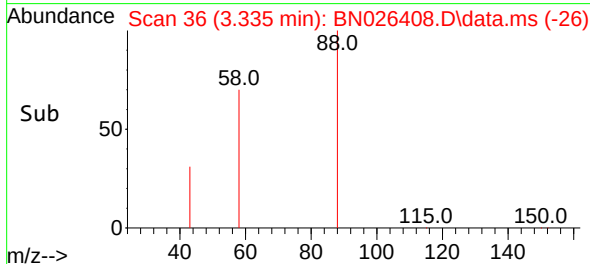
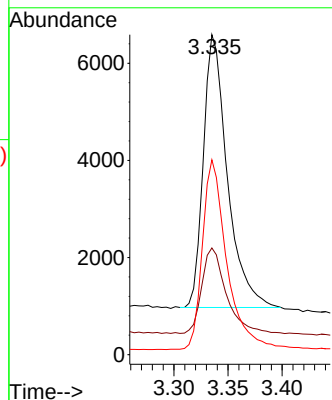
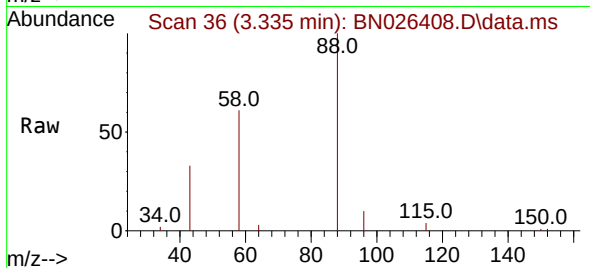




#2
1,4-Dioxane
Concen: 1.682 ng/ul
RT: 3.335 min Scan# 30
Delta R.T. -0.008 min
Lab File: BN026408.D
Acq: 09 Jul 2023 05:04

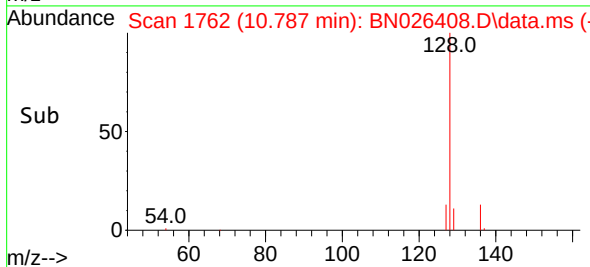
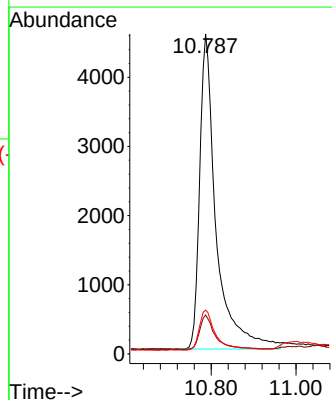
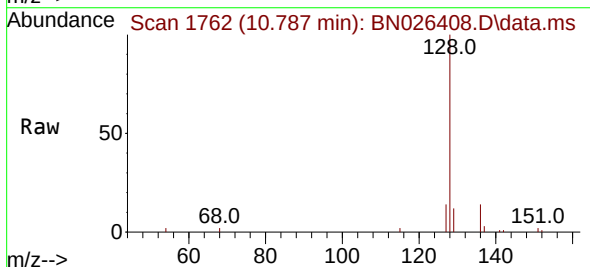
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BNA_N
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SLCS851

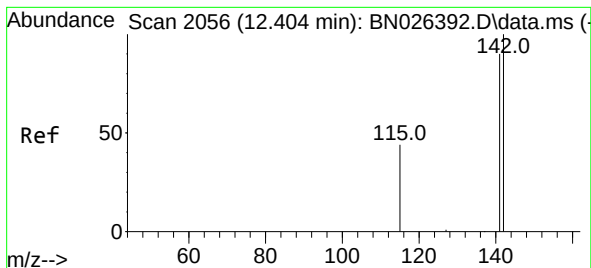
Tgt Ion: 88 Resp: 8651
Ion Ratio Lower Upper
88 100
43 33.3 29.5 44.3
58 60.9 37.4 56.2#



#5
Naphthalene
Concen: 0.313 ng/ul
RT: 10.787 min Scan# 1762
Delta R.T. -0.004 min
Lab File: BN026408.D
Acq: 09 Jul 2023 05:04

Tgt Ion: 128 Resp: 12242
Ion Ratio Lower Upper
128 100
129 12.1 9.1 13.7
127 13.7 10.7 16.1

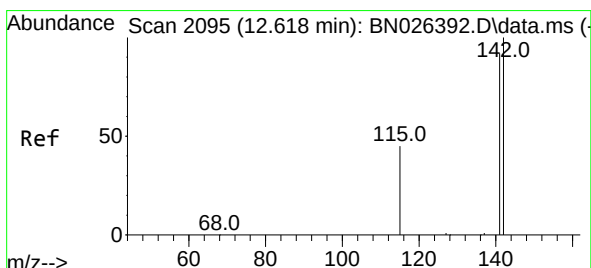
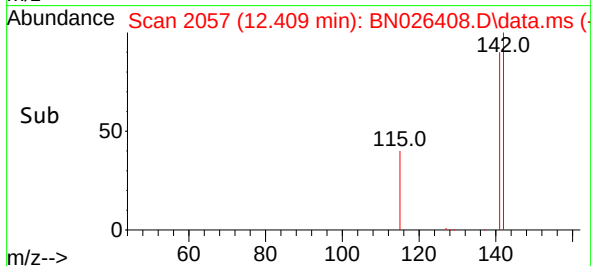
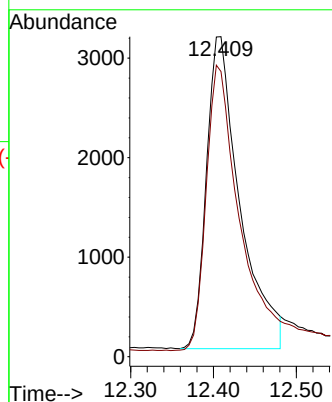
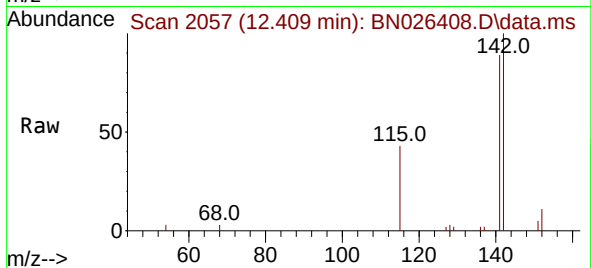




#7
2-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.409 min Scan# 2057
Delta R.T. 0.001 min
Lab File: BN026408.D
Acq: 09 Jul 2023 05:04

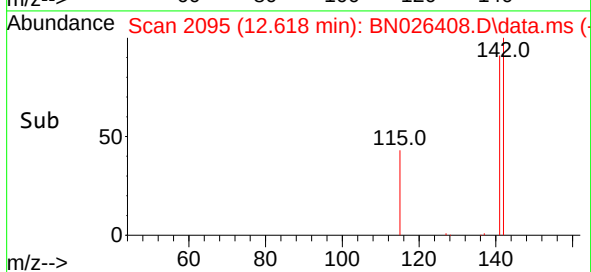
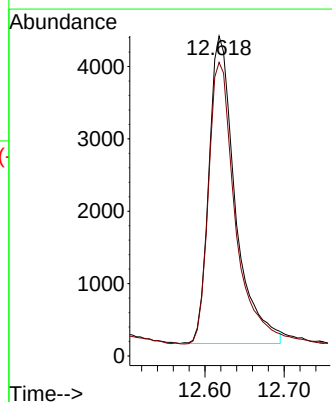
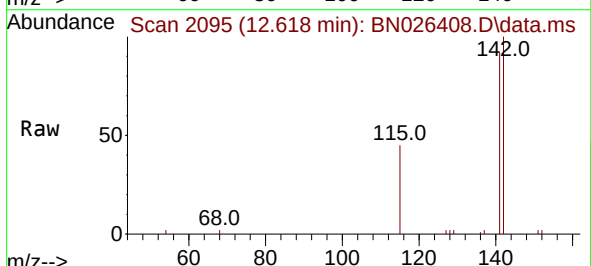
Instrument :
BNA_N
ClientSampleId :
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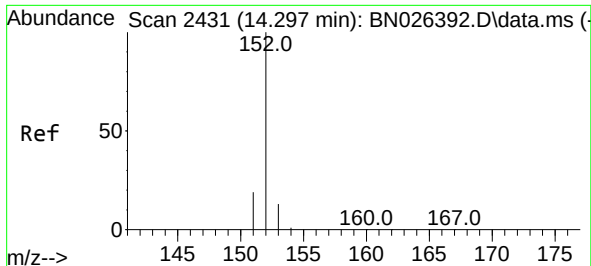
Tgt Ion:142 Resp: 8810
Ion Ratio Lower Upper
142 100
141 91.0 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.618 min Scan# 2095
Delta R.T. -0.004 min
Lab File: BN026408.D
Acq: 09 Jul 2023 05:04

Tgt Ion:142 Resp: 9816
Ion Ratio Lower Upper
142 100
141 92.3 74.2 111.4

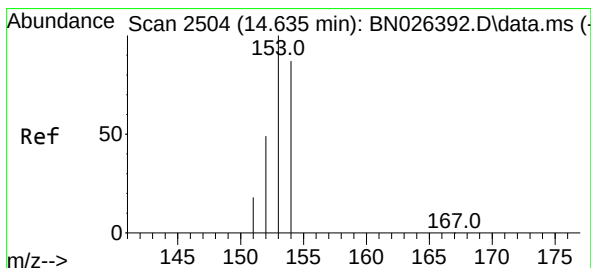
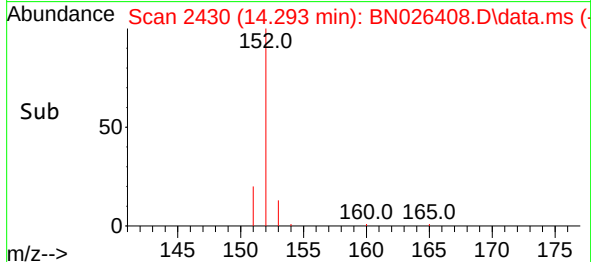
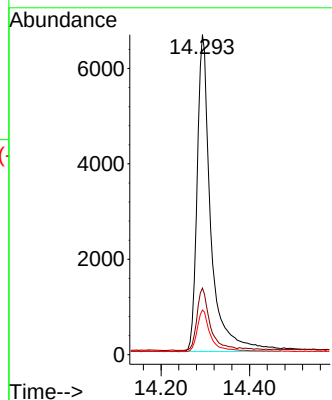
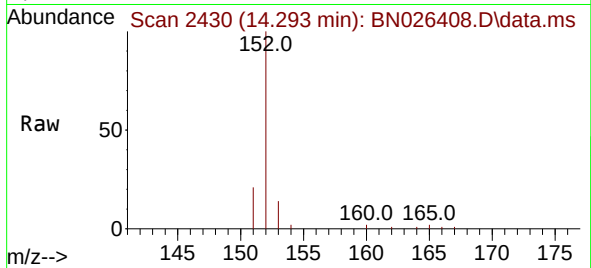




#10
Acenaphthylene
Concen: 0.362 ng/ul
RT: 14.293 min Scan# 2431
Delta R.T. -0.003 min
Lab File: BN026408.D
Acq: 09 Jul 2023 05:04

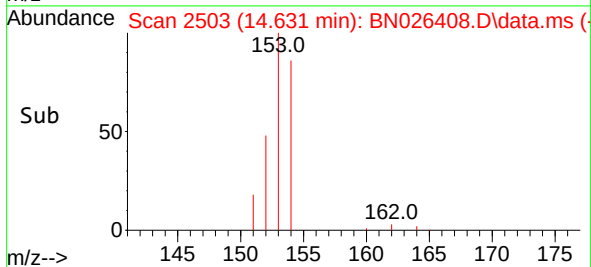
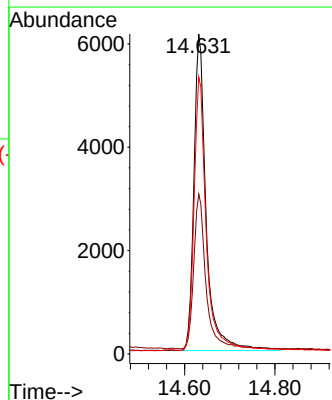
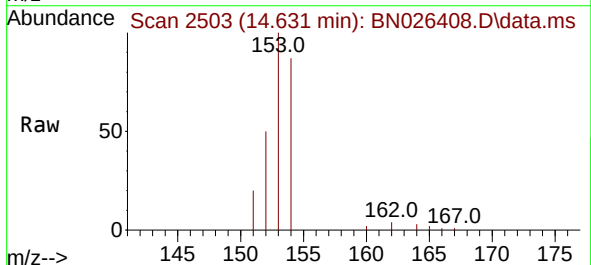
Instrument :
BNA_N
ClientSampleId :
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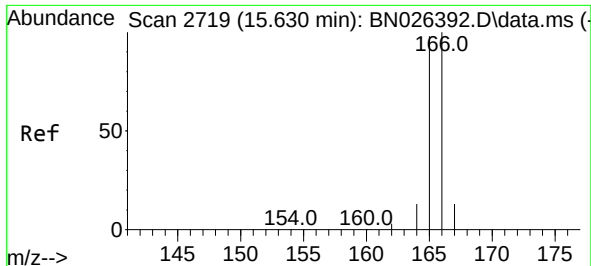
Tgt Ion:152 Resp: 14332
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 13.9 10.9 16.3



#11
Acenaphthene
Concen: 0.360 ng/ul
RT: 14.631 min Scan# 2503
Delta R.T. -0.003 min
Lab File: BN026408.D
Acq: 09 Jul 2023 05:04

Tgt Ion:153 Resp: 11641
Ion Ratio Lower Upper
153 100
152 50.0 39.4 59.0
154 86.5 68.9 103.3

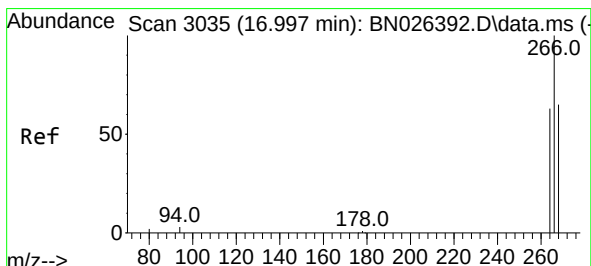
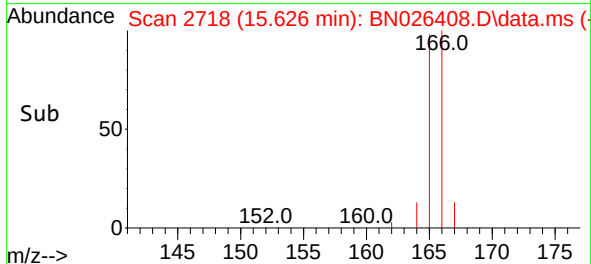
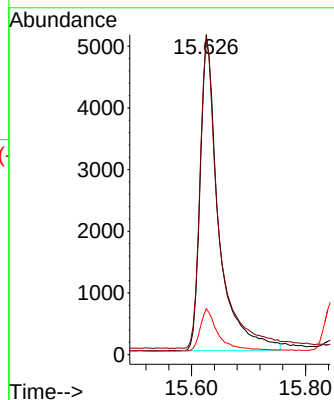
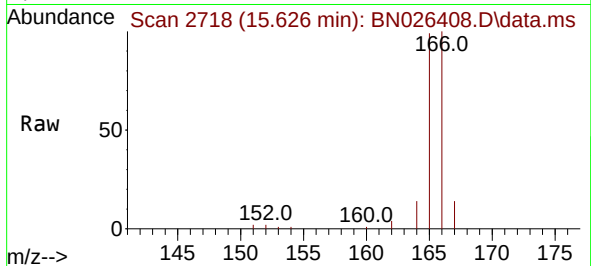




#12
Fluorene
Concen: 0.309 ng/ul
RT: 15.626 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN026408.D
Acq: 09 Jul 2023 05:04

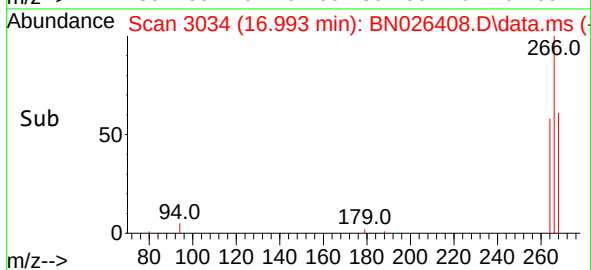
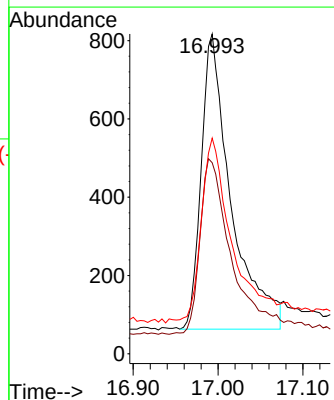
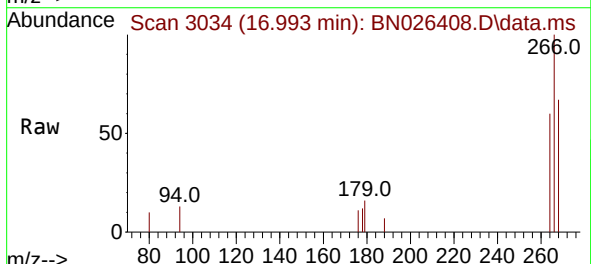
Instrument :
BNA_N
ClientSampleId :
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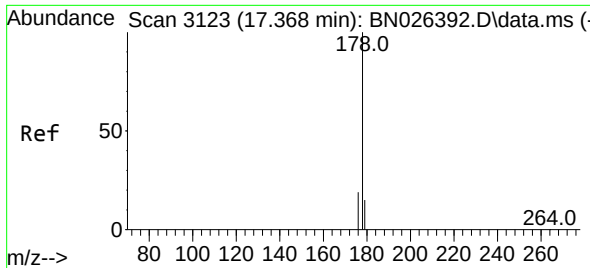
Tgt Ion:166 Resp: 11485
Ion Ratio Lower Upper
166 100
165 99.0 79.9 119.9
167 14.4 10.8 16.2



#14
Pentachlorophenol
Concen: 0.403 ng/ul
RT: 16.993 min Scan# 3034
Delta R.T. -0.003 min
Lab File: BN026408.D
Acq: 09 Jul 2023 05:04

Tgt Ion:266 Resp: 1845
Ion Ratio Lower Upper
266 100
264 63.3 50.5 75.7
268 62.4 51.6 77.4

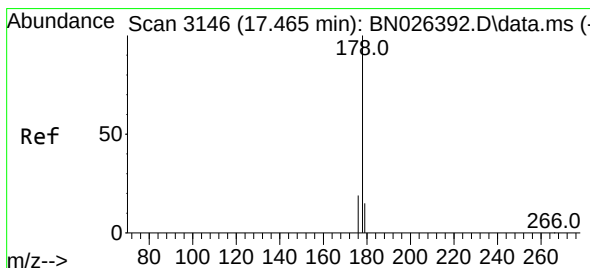
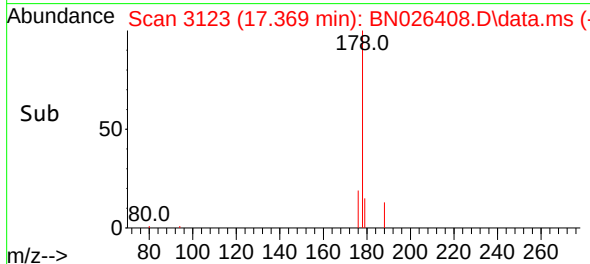
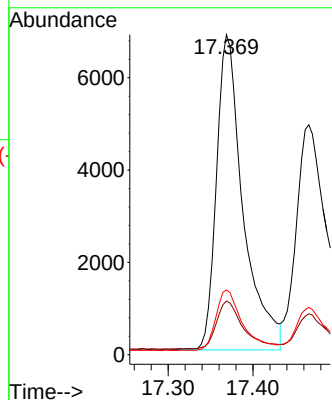
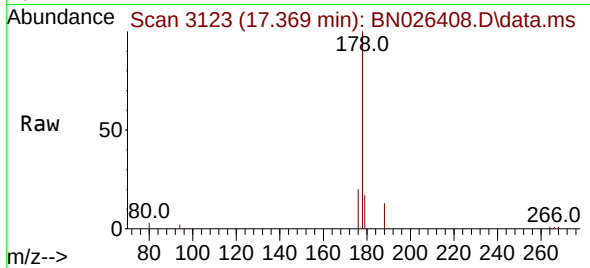




#15
Phenanthrene
Concen: 0.353 ng/ul
RT: 17.369 min Scan# 3123
Delta R.T. -0.003 min
Lab File: BN026408.D
Acq: 09 Jul 2023 05:04

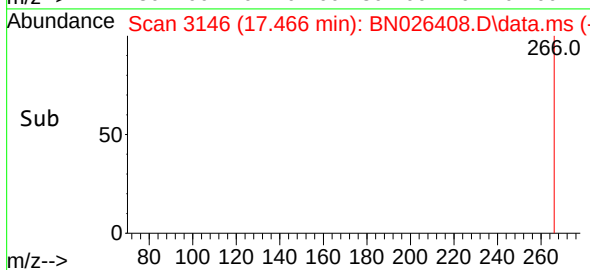
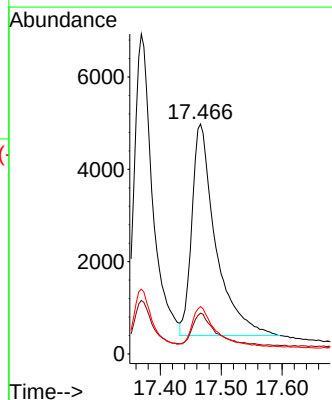
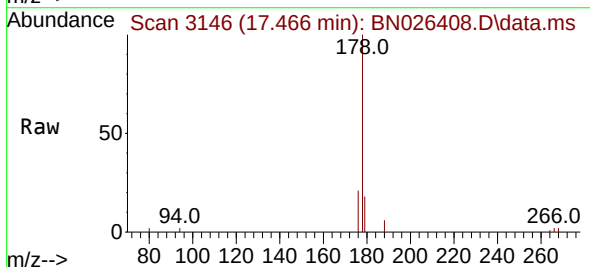
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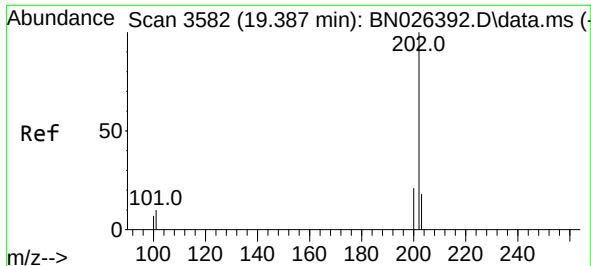
Tgt Ion:178	Resp:	14874
Ion Ratio	Lower	Upper
178	100	
179	16.7	12.6 19.0
176	20.3	15.8 23.6



#16
Anthracene
Concen: 0.332 ng/ul
RT: 17.466 min Scan# 3146
Delta R.T. 0.001 min
Lab File: BN026408.D
Acq: 09 Jul 2023 05:04

Tgt Ion:178	Resp:	12451
Ion Ratio	Lower	Upper
178	100	
179	17.8	12.6 18.8
176	20.6	15.1 22.7

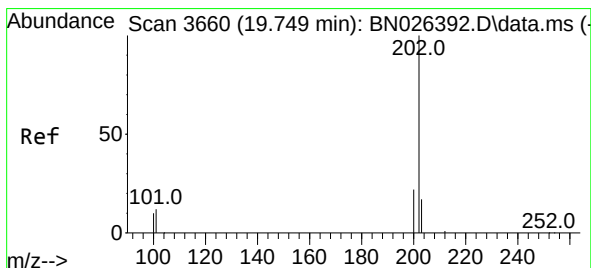
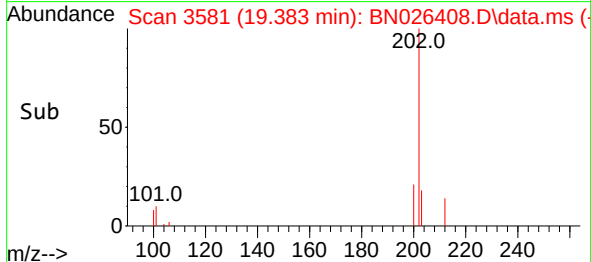
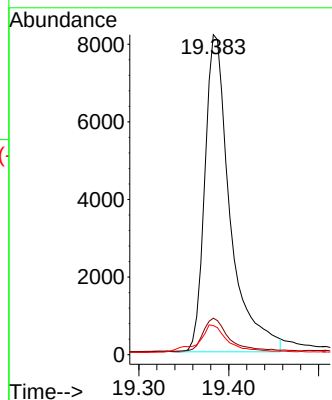
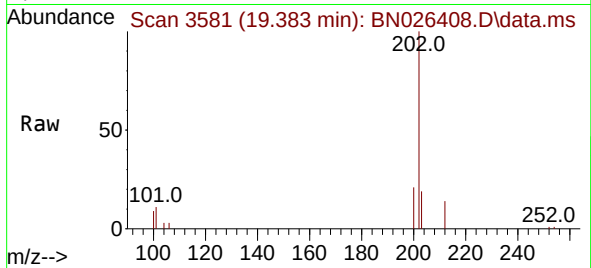




#19
Fluoranthene
Concen: 0.363 ng/ul
RT: 19.383 min Scan# 3581
Delta R.T. -0.003 min
Lab File: BN026408.D
Acq: 09 Jul 2023 05:04

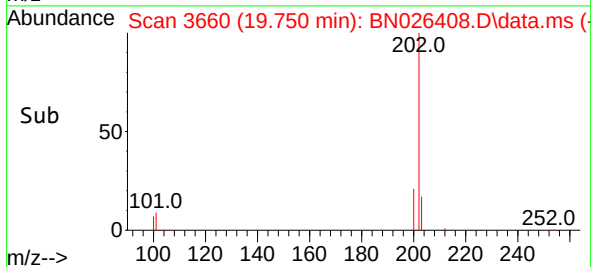
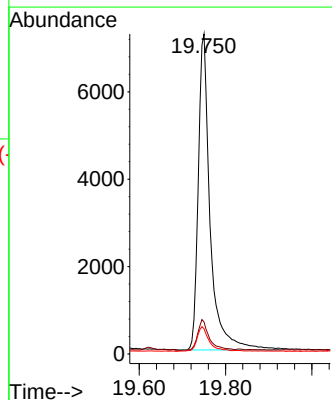
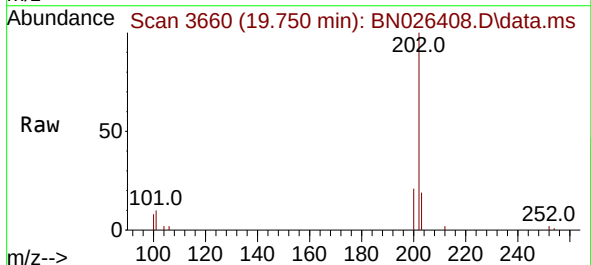
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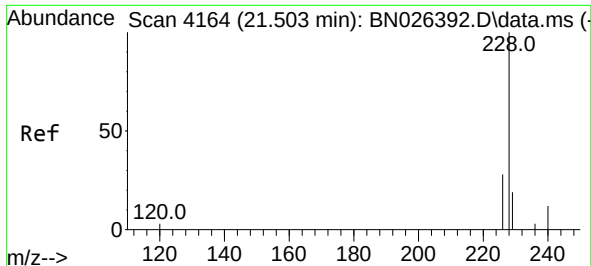
Tgt Ion:202 Resp: 16038
Ion Ratio Lower Upper
202 100
101 11.4 9.5 14.3
100 9.1 7.3 10.9



#20
Pyrene
Concen: 0.300 ng/ul
RT: 19.750 min Scan# 3660
Delta R.T. -0.003 min
Lab File: BN026408.D
Acq: 09 Jul 2023 05:04

Tgt Ion:202 Resp: 13793
Ion Ratio Lower Upper
202 100
101 10.0 11.4 17.0#
100 7.9 9.1 13.7#

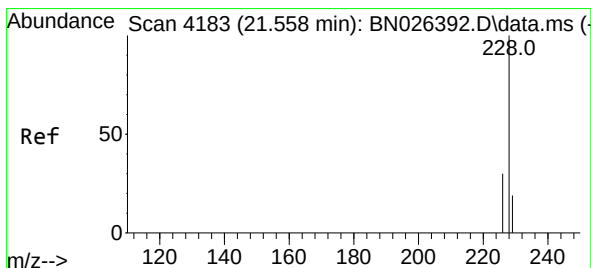
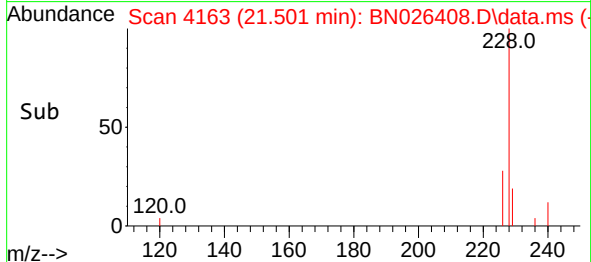
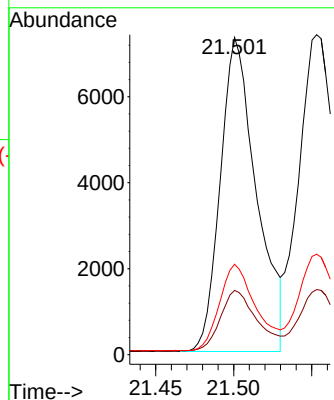
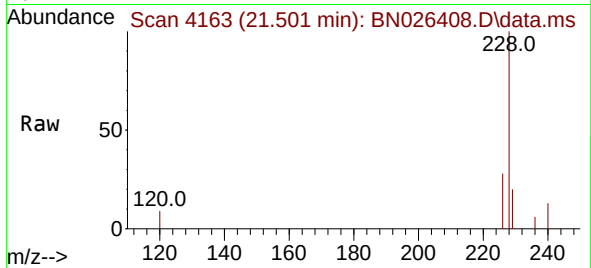




#21
Benzo(a)anthracene
Concen: 0.344 ng/ul
RT: 21.501 min Scan# 4163
Delta R.T. -0.010 min
Lab File: BN026408.D
Acq: 09 Jul 2023 05:04

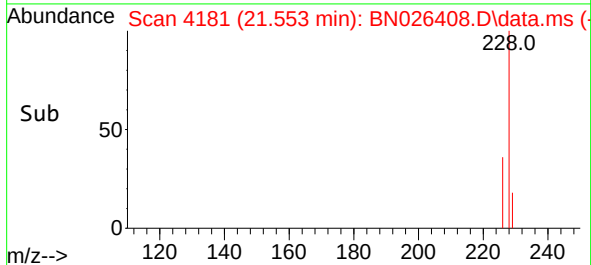
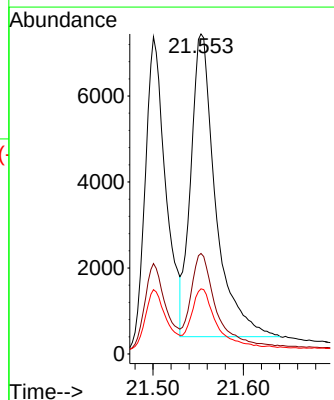
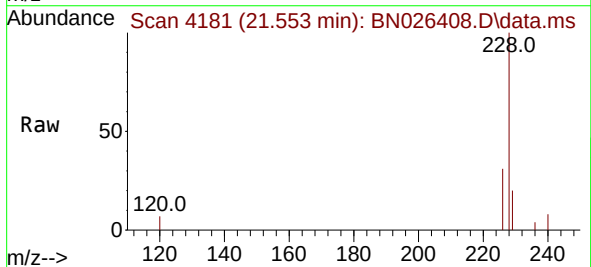
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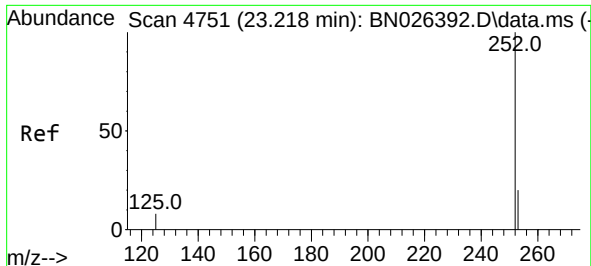
Tgt Ion:228 Resp: 11765
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.6
226 28.5 22.5 33.7



#22
Chrysene
Concen: 0.378 ng/ul
RT: 21.553 min Scan# 4181
Delta R.T. -0.010 min
Lab File: BN026408.D
Acq: 09 Jul 2023 05:04

Tgt Ion:228 Resp: 13442
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 20.4 15.7 23.5

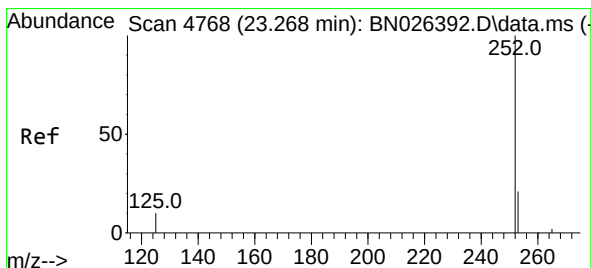
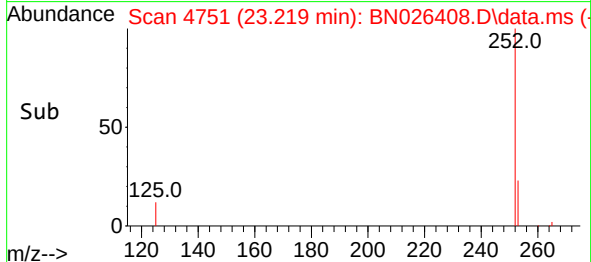
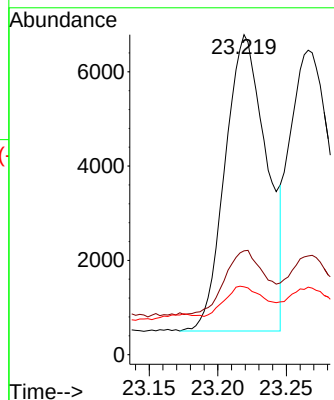
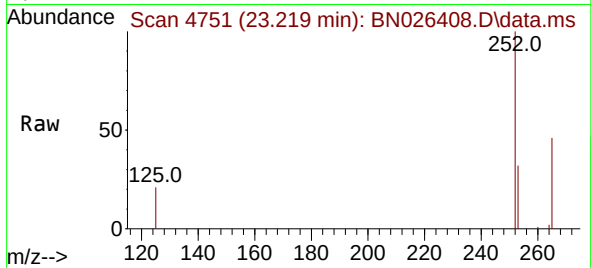




#24
Benzo(b)fluoranthene
Concen: 0.377 ng/ul
RT: 23.219 min Scan# 4751
Delta R.T. -0.007 min
Lab File: BN026408.D
Acq: 09 Jul 2023 05:04

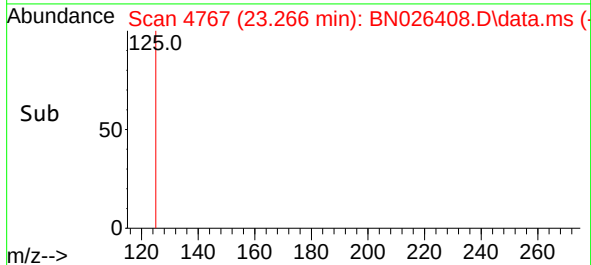
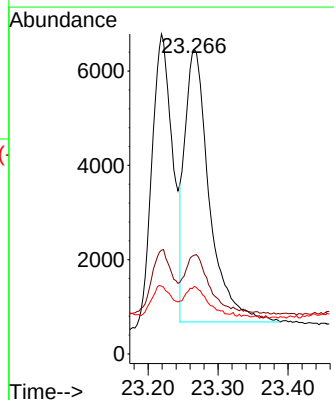
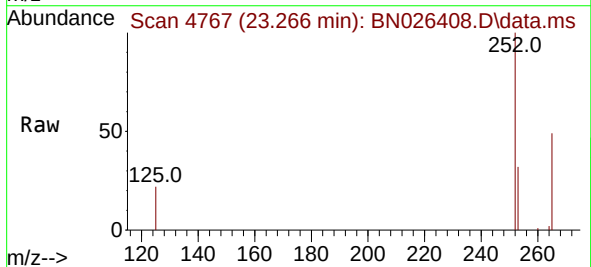
Instrument :
BNA_N
ClientSampleId :
SLCS851

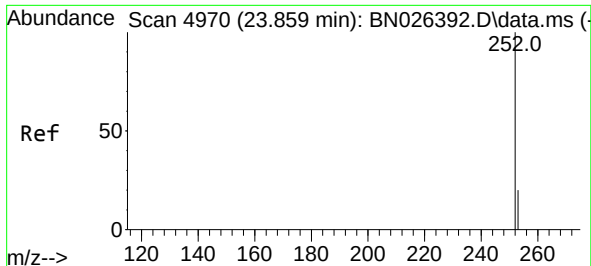
Tgt Ion:252 Resp: 13219
Ion Ratio Lower Upper
252 100
253 32.4 0.0 55.6
125 21.2 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.400 ng/ul
RT: 23.266 min Scan# 4767
Delta R.T. -0.007 min
Lab File: BN026408.D
Acq: 09 Jul 2023 05:04

Tgt Ion:252 Resp: 14083
Ion Ratio Lower Upper
252 100
253 32.4 23.2 34.8
125 22.2 15.0 22.4

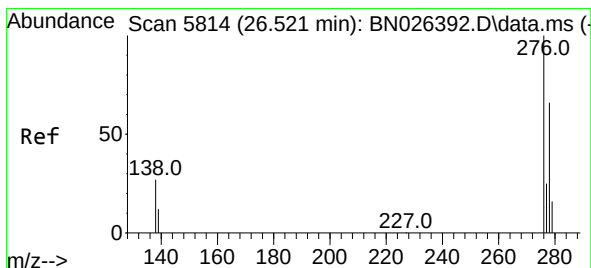
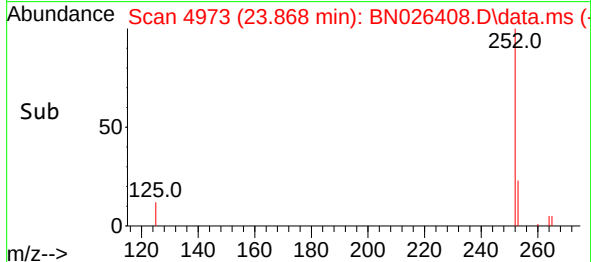
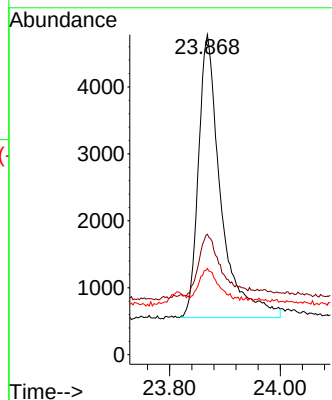
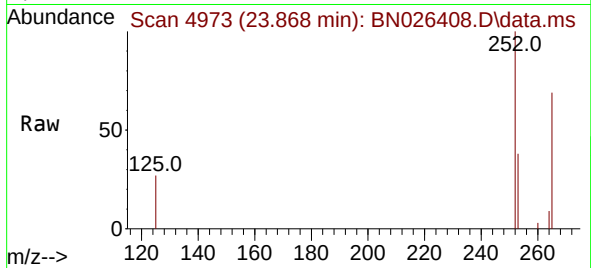




#26
Benzo(a)pyrene
Concen: 0.389 ng/ul
RT: 23.868 min Scan# 4973
Delta R.T. 0.002 min
Lab File: BN026408.D
Acq: 09 Jul 2023 05:04

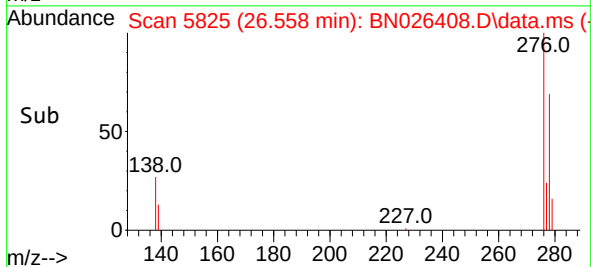
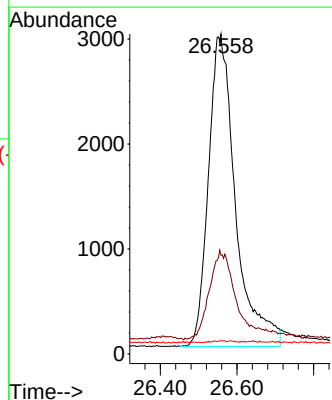
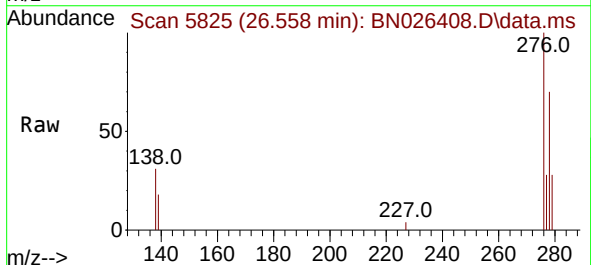
Instrument :
BNA_N
ClientSampleId :
SLCS851

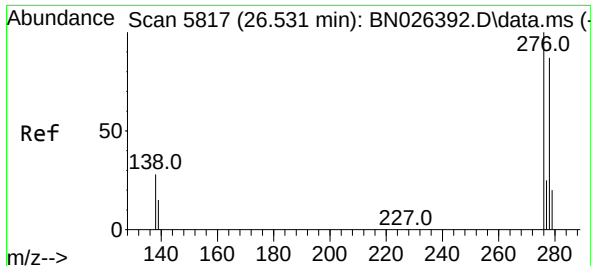
Tgt Ion:252 Resp: 11851
Ion Ratio Lower Upper
252 100
253 37.7 26.0 39.0
125 26.9 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.438 ng/ul
RT: 26.558 min Scan# 5825
Delta R.T. 0.032 min
Lab File: BN026408.D
Acq: 09 Jul 2023 05:04

Tgt Ion:276 Resp: 14591
Ion Ratio Lower Upper
276 100
138 29.2 24.5 36.7
227 0.2 0.0 0.0#

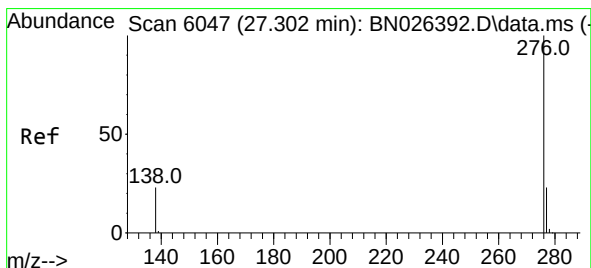
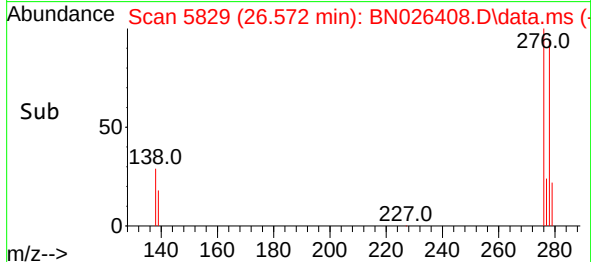
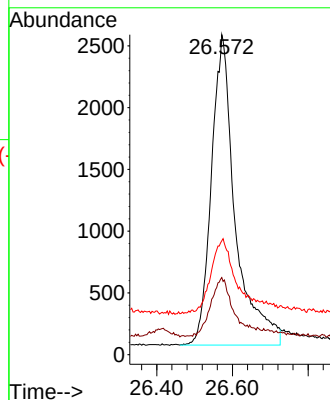
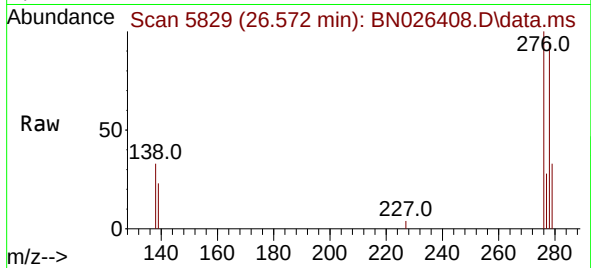




#28
Dibenzo(a,h)anthracene
Concen: 0.438 ng/ul
RT: 26.572 min Scan# 51
Delta R.T. 0.032 min
Lab File: BN026408.D
Acq: 09 Jul 2023 05:04

Instrument :
BNA_N
ClientSampleId :
SLCS851

Tgt Ion:278 Resp: 11027
Ion Ratio Lower Upper
278 100
139 24.1 19.0 28.4
279 35.6 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.440 ng/ul
RT: 27.333 min Scan# 6056
Delta R.T. 0.018 min
Lab File: BN026408.D
Acq: 09 Jul 2023 05:04

Tgt Ion:276 Resp: 13034
Ion Ratio Lower Upper
276 100
138 27.7 23.4 35.0
277 27.0 20.0 30.0

