

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027927.D
 Acq On : 28 Sep 2023 15:52
 Operator : MA/JU
 Sample : 04480-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBJY3

Quant Time: Sep 28 17:18:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

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

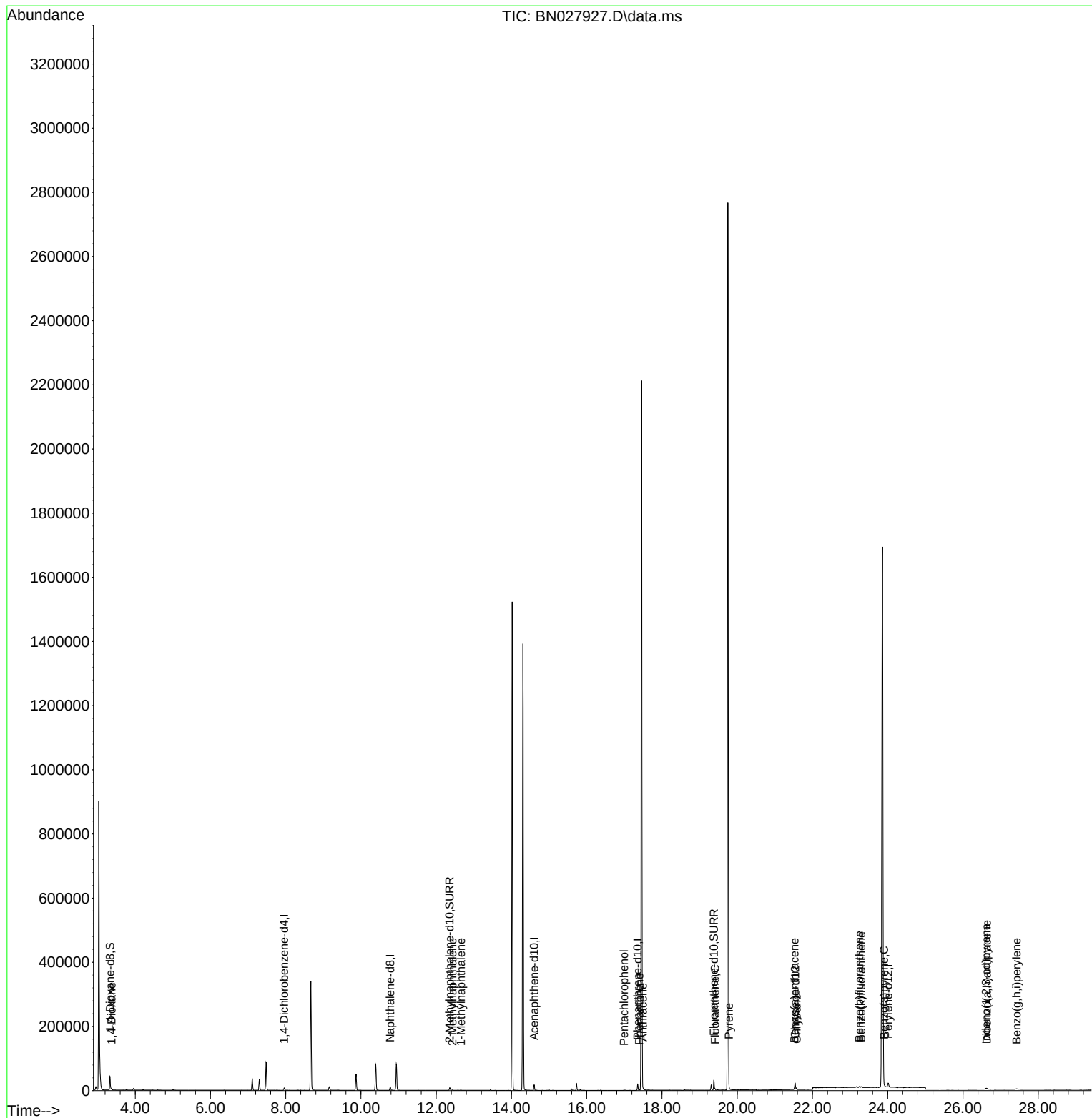
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	3601	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	14161	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	9425	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	20802	0.400	ng/ul	0.00
17) Chrysene-d12	21.539	240	18852	0.400	ng/ul	# 0.00
23) Perylene-d12	24.012	264	18942	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	29342	6.469	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	11283	0.526	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	32732	0.568	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.368	88	1236	0.262	ng/ul#	82
7) 2-Methylnaphthalene	12.434	142	875	0.034	ng/ul	98
8) 1-Methylnaphthalene	12.654	142	684	0.026	ng/ul	96
14) Pentachlorophenol	16.991	266	494	0.101	ng/ul	95
15) Phenanthrene	17.396	178	2713	0.042	ng/ul#	90
16) Anthracene	17.489	178	2389	0.044	ng/ul#	88
19) Fluoranthene	19.413	202	3810	0.050	ng/ul#	92
20) Pyrene	19.780	202	3646	0.046	ng/ul#	91
21) Benzo(a)anthracene	21.522	228	4031	0.055	ng/ul#	74
22) Chrysene	21.577	228	3940	0.052	ng/ul#	75
24) Benzo(b)fluoranthene	23.246	252	3913	0.046	ng/ul#	1
25) Benzo(k)fluoranthene	23.293	252	3550	0.043	ng/ul#	1
26) Benzo(a)pyrene	23.904	252	2821	0.042	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.616	276	3966	0.046	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.636	278	3560	0.051	ng/ul#	1
29) Benzo(g,h,i)perylene	27.424	276	3304	0.045	ng/ul#	19

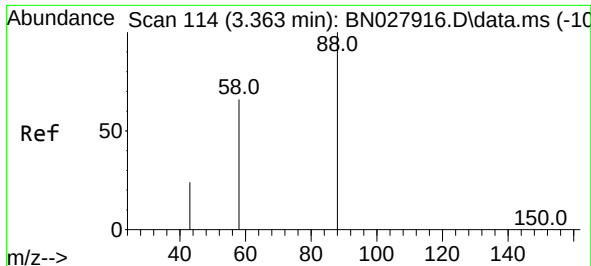
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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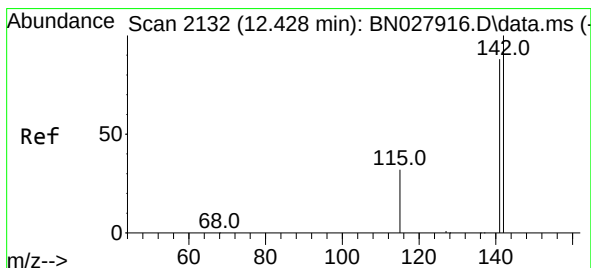
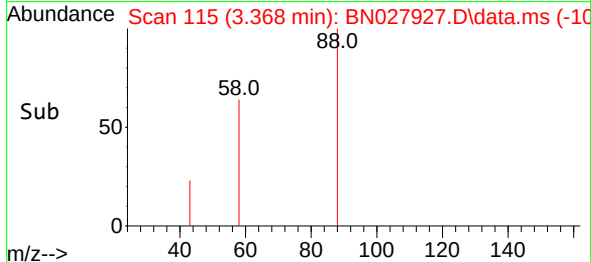
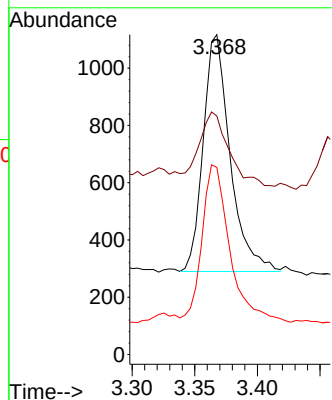
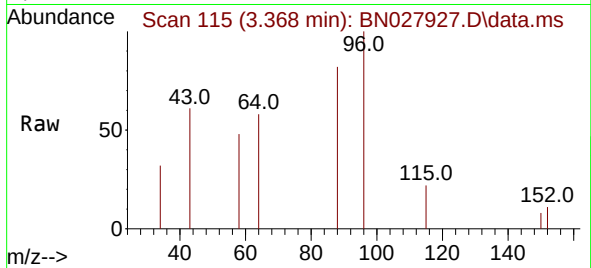




#2
1,4-Dioxane
Concen: 0.262 ng/ul
RT: 3.368 min Scan# 114
Delta R.T. 0.000 min
Lab File: BN027927.D
Acq: 28 Sep 2023 15:52

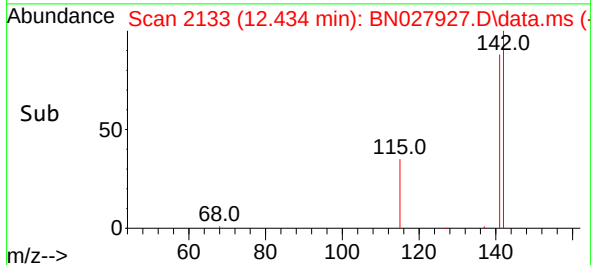
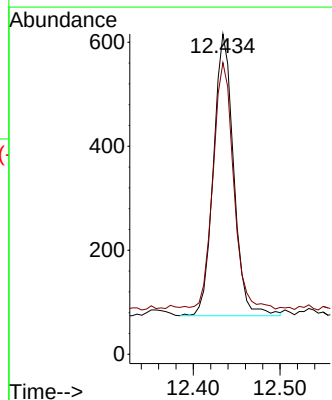
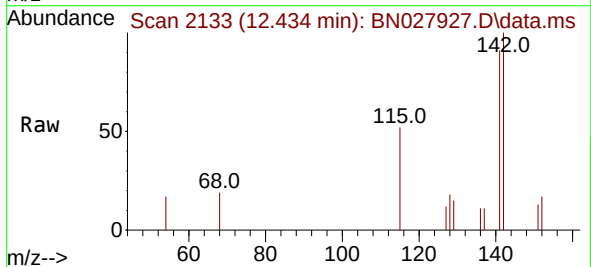
Instrument :
BNA_N
ClientSampleId :
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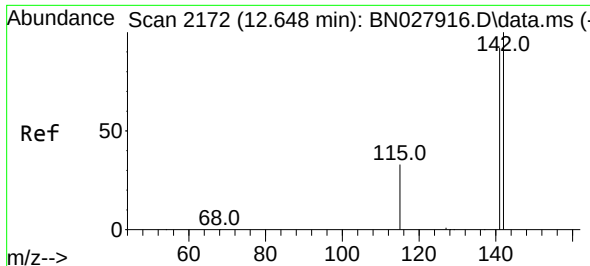
Tgt Ion: 88 Resp: 1236
Ion Ratio Lower Upper
88 100
43 74.6 39.6 59.4#
58 58.5 48.3 72.5



#7
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027927.D
Acq: 28 Sep 2023 15:52

Tgt Ion: 142 Resp: 875
Ion Ratio Lower Upper
142 100
141 87.3 71.1 106.7

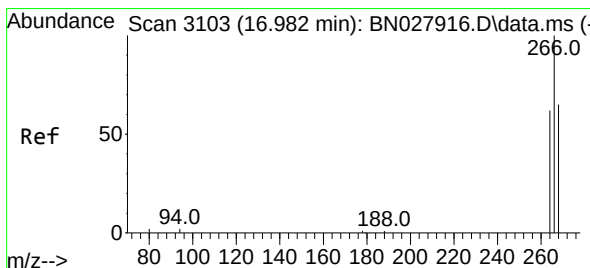
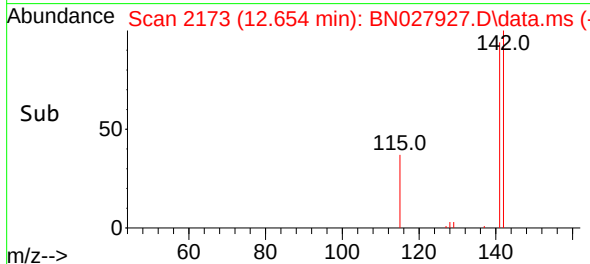
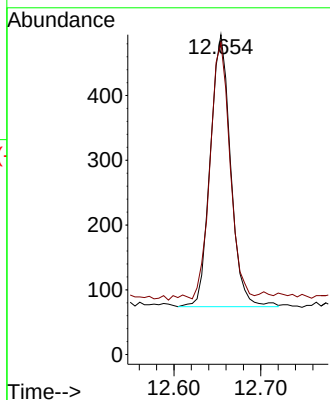
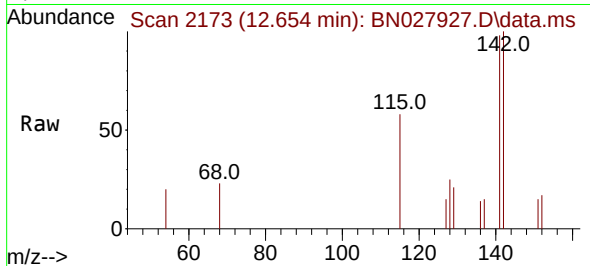




#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN027927.D
Acq: 28 Sep 2023 15:52

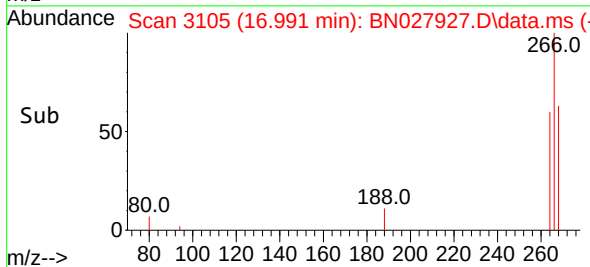
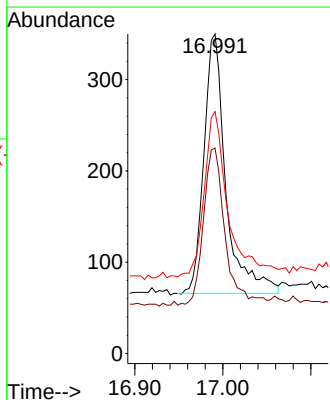
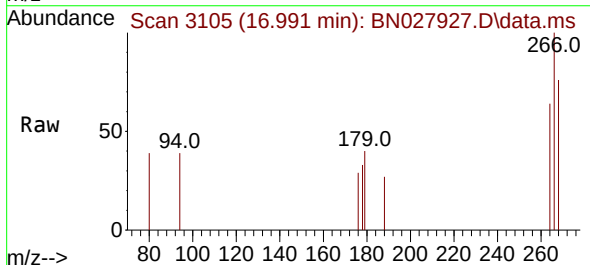
Instrument :
BNA_N
ClientSampleId :
BBJY3

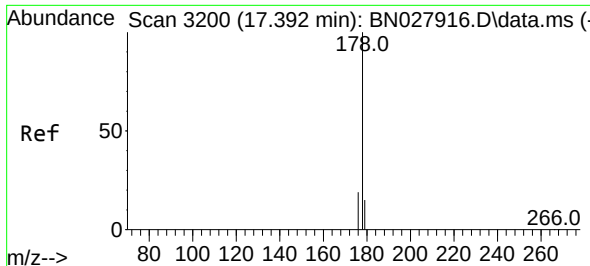
Tgt Ion:142 Resp: 684
Ion Ratio Lower Upper
142 100
141 94.4 72.8 109.2



#14
Pentachlorophenol
Concen: 0.101 ng/ul
RT: 16.991 min Scan# 3105
Delta R.T. 0.004 min
Lab File: BN027927.D
Acq: 28 Sep 2023 15:52

Tgt Ion:266 Resp: 494
Ion Ratio Lower Upper
266 100
264 58.3 49.6 74.4
268 67.8 50.7 76.1

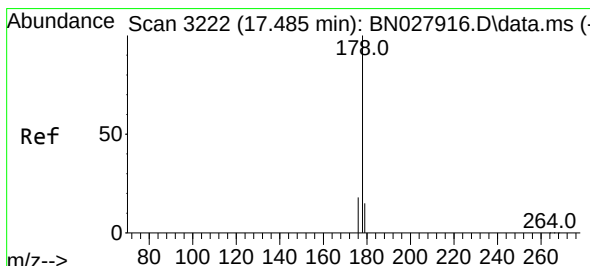
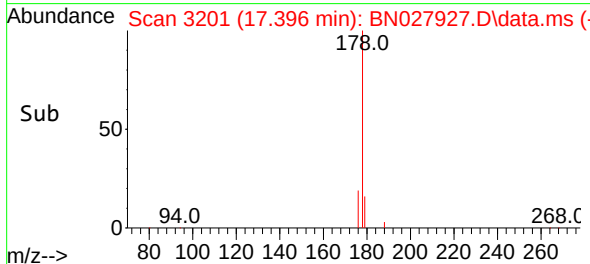
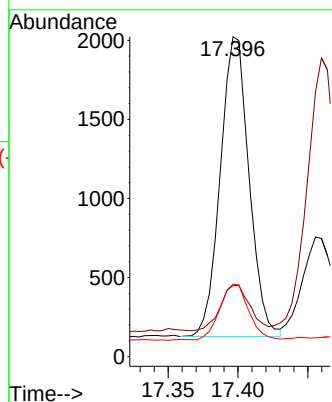
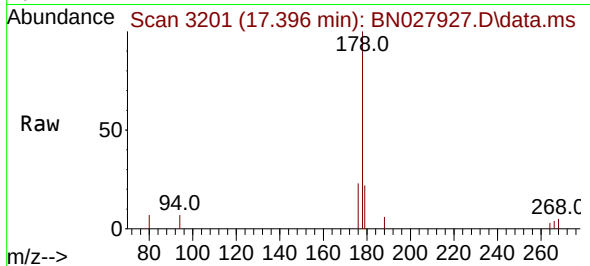




#15
Phenanthrene
Concen: 0.042 ng/ul
RT: 17.396 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027927.D
Acq: 28 Sep 2023 15:52

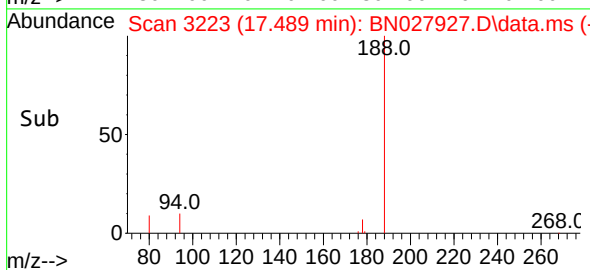
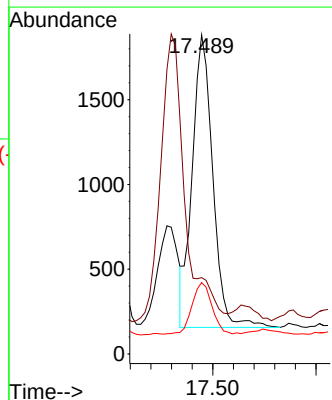
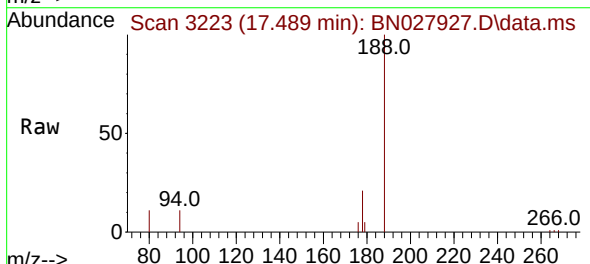
Instrument :
BNA_N
ClientSampleId :
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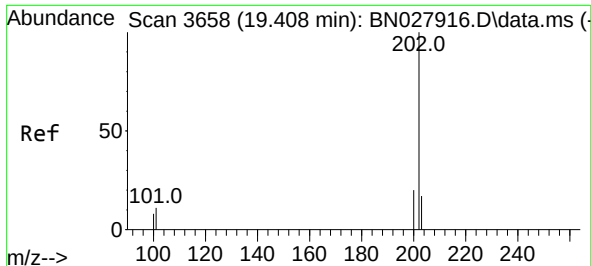
Tgt Ion:178 Resp: 2713
Ion Ratio Lower Upper
178 100
179 22.2 12.4 18.6#
176 22.6 16.0 24.0



#16
Anthracene
Concen: 0.044 ng/ul
RT: 17.489 min Scan# 3223
Delta R.T. 0.000 min
Lab File: BN027927.D
Acq: 28 Sep 2023 15:52

Tgt Ion:178 Resp: 2389
Ion Ratio Lower Upper
178 100
179 23.9 12.6 19.0#
176 22.4 15.5 23.3

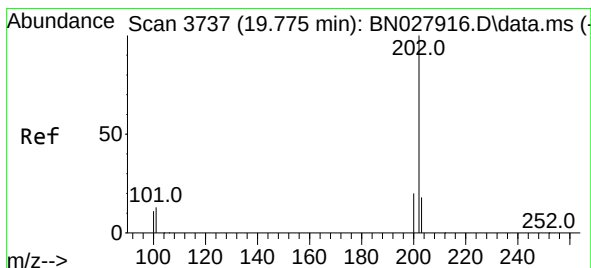
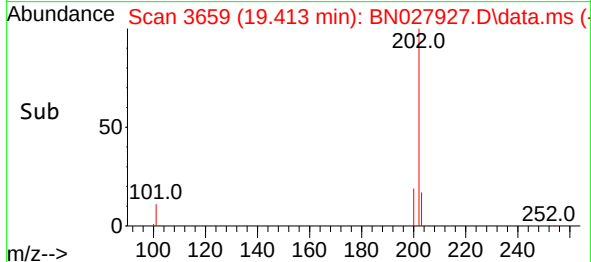
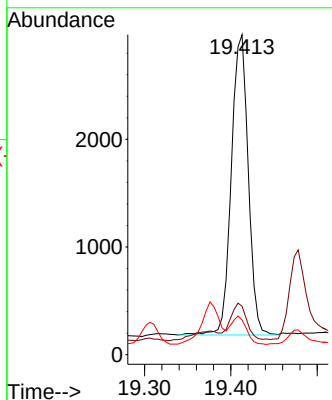
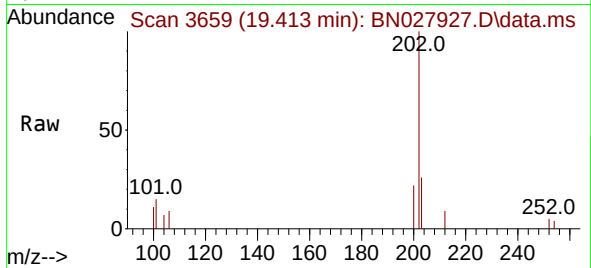




#19
Fluoranthene
Concen: 0.050 ng/u1
RT: 19.413 min Scan# 3659
Delta R.T. 0.005 min
Lab File: BN027927.D
Acq: 28 Sep 2023 15:52

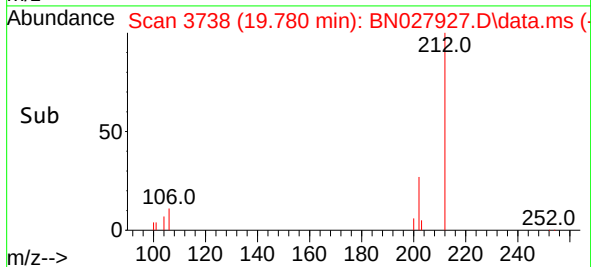
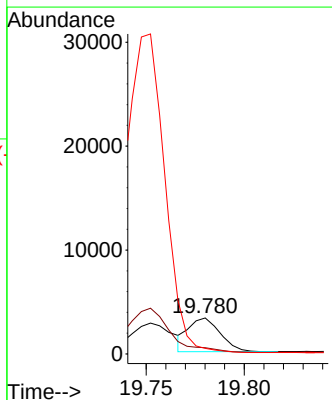
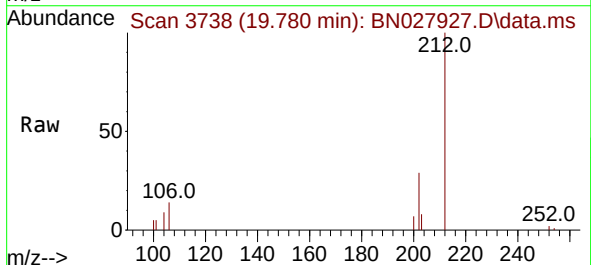
Instrument :
BNA_N
ClientSampleId :
BBJY3

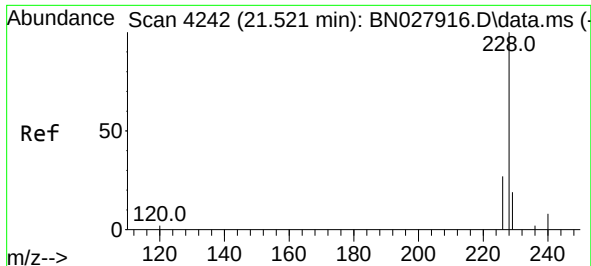
Tgt Ion:202 Resp: 3810
Ion Ratio Lower Upper
202 100
101 15.2 9.3 13.9#
100 10.8 7.0 10.4#



#20
Pyrene
Concen: 0.046 ng/u1
RT: 19.780 min Scan# 3738
Delta R.T. 0.005 min
Lab File: BN027927.D
Acq: 28 Sep 2023 15:52

Tgt Ion:202 Resp: 3646
Ion Ratio Lower Upper
202 100
101 17.2 11.4 17.0#
100 15.6 9.1 13.7#

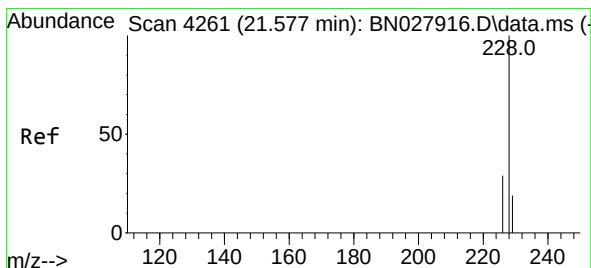
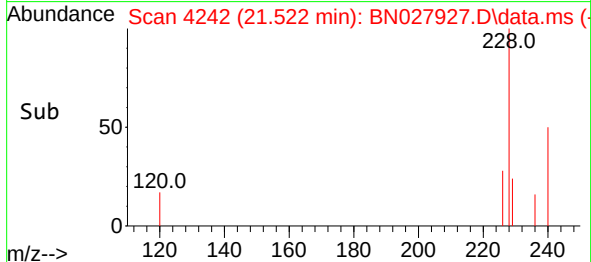
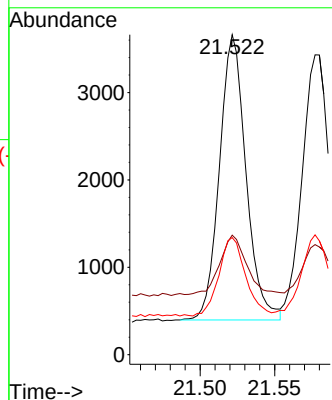
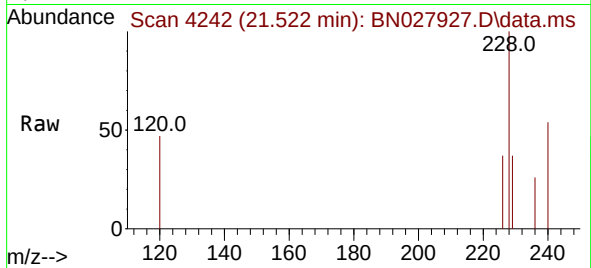




#21
Benzo(a)anthracene
Concen: 0.055 ng/u1
RT: 21.522 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN027927.D
Acq: 28 Sep 2023 15:52

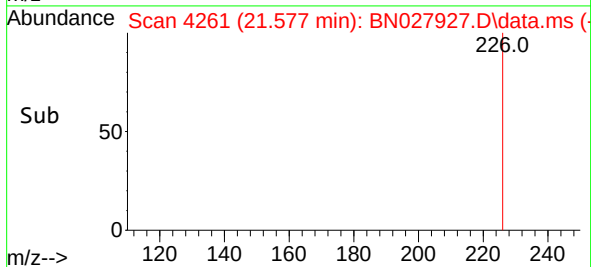
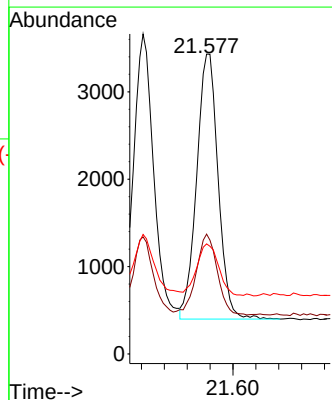
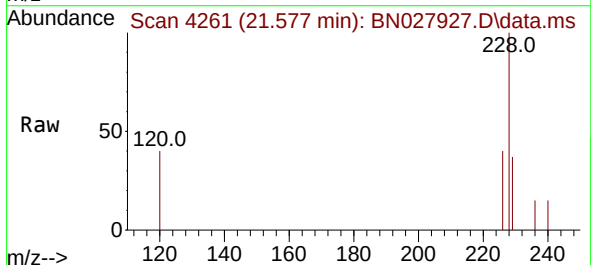
Instrument :
BNA_N
ClientSampleId :
BBJY3

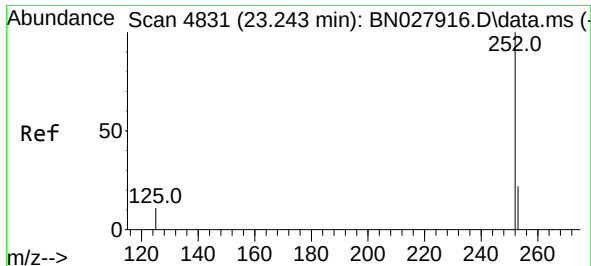
Tgt Ion:228 Resp: 4031
Ion Ratio Lower Upper
228 100
229 37.4 15.8 23.8#
226 36.6 22.0 33.0#



#22
Chrysene
Concen: 0.052 ng/u1
RT: 21.577 min Scan# 4261
Delta R.T. 0.003 min
Lab File: BN027927.D
Acq: 28 Sep 2023 15:52

Tgt Ion:228 Resp: 3940
Ion Ratio Lower Upper
228 100
226 40.0 24.5 36.7#
229 36.7 16.0 24.0#





#24

Benzo(b)fluoranthene

Concen: 0.046 ng/ul

RT: 23.246 min Scan# 4832

Delta R.T. 0.006 min

Lab File: BN027927.D

Acq: 28 Sep 2023 15:52

Instrument :

BNA_N

ClientSampleId :

BBJY3

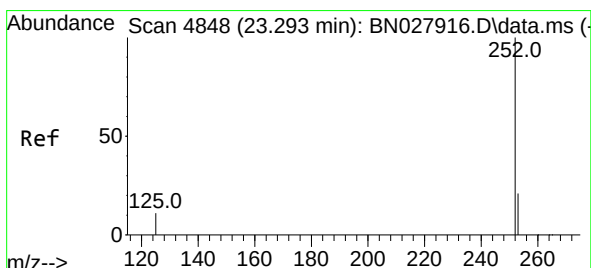
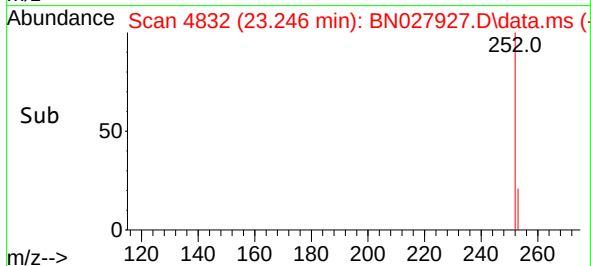
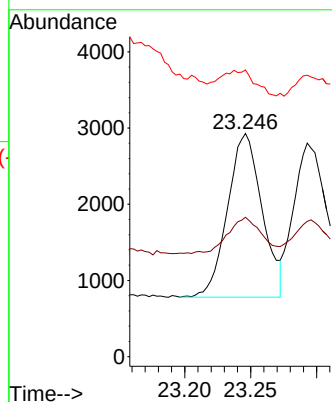
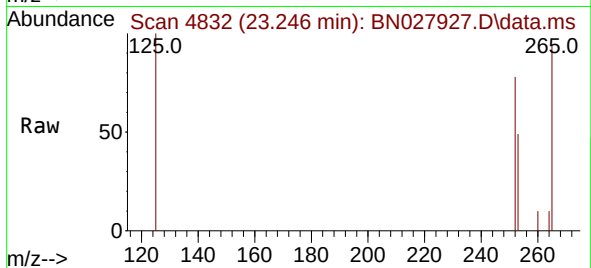
Tgt Ion:252 Resp: 3913

Ion Ratio Lower Upper

252 100

253 62.4 0.0 50.2#

125 128.4 0.0 31.4#



#25

Benzo(k)fluoranthene

Concen: 0.043 ng/ul

RT: 23.293 min Scan# 4848

Delta R.T. 0.000 min

Lab File: BN027927.D

Acq: 28 Sep 2023 15:52

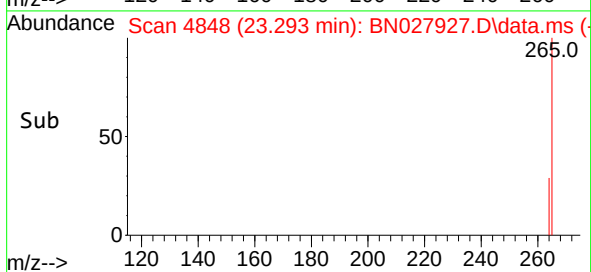
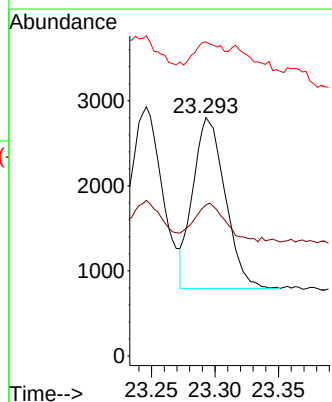
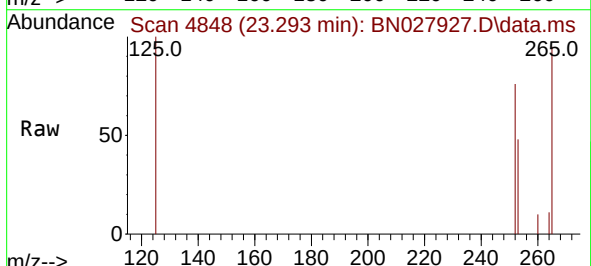
Tgt Ion:252 Resp: 3550

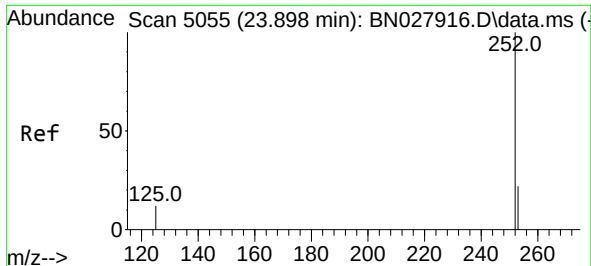
Ion Ratio Lower Upper

252 100

253 63.4 19.9 29.9#

125 131.8 12.6 19.0#

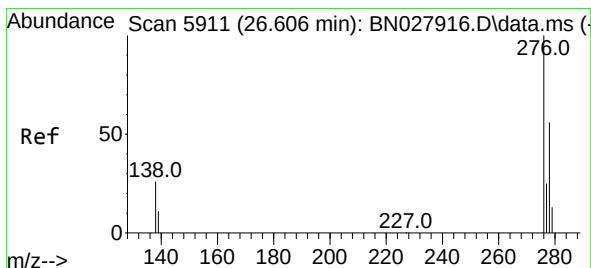
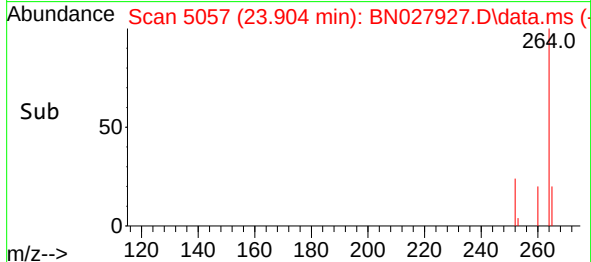
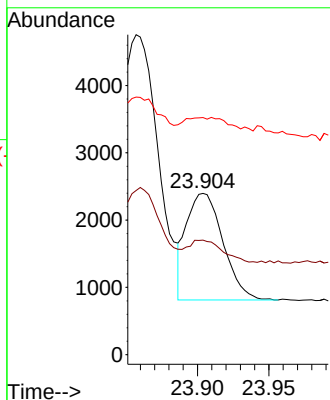
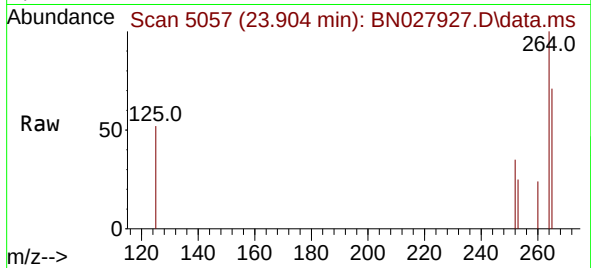




#26
Benzo(a)pyrene
Concen: 0.042 ng/ul
RT: 23.904 min Scan# 5055
Delta R.T. 0.009 min
Lab File: BN027927.D
Acq: 28 Sep 2023 15:52

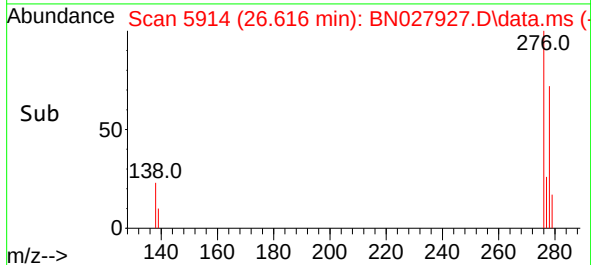
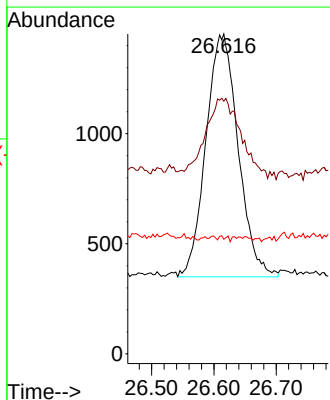
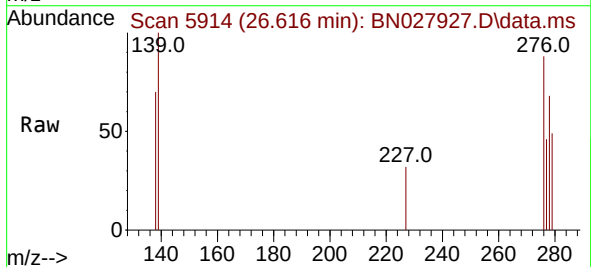
Instrument :
BNA_N
ClientSampleId :
BBJY3

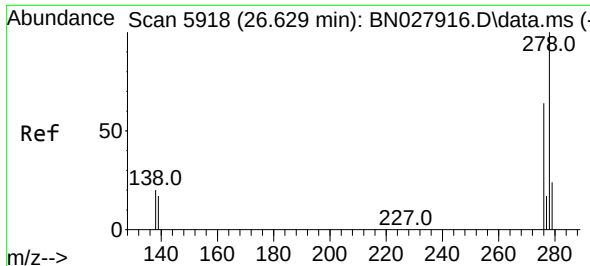
Tgt Ion:252 Resp: 2821
Ion Ratio Lower Upper
252 100
253 71.0 21.9 32.9#
125 147.0 15.5 23.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.046 ng/ul
RT: 26.616 min Scan# 5914
Delta R.T. 0.017 min
Lab File: BN027927.D
Acq: 28 Sep 2023 15:52

Tgt Ion:276 Resp: 3966
Ion Ratio Lower Upper
276 100
138 36.5 24.3 36.5#
227 0.6 0.0 0.0#

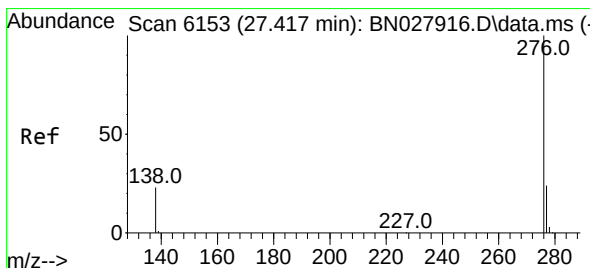
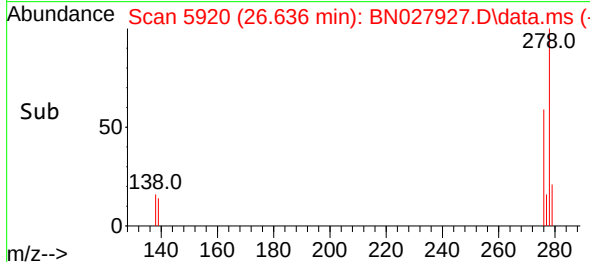
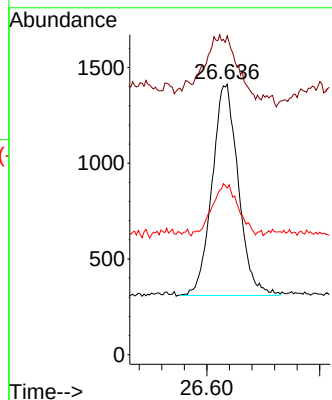
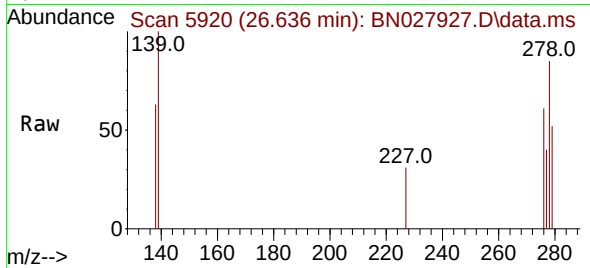




#28
Dibenzo(a,h)anthracene
Concen: 0.051 ng/ul
RT: 26.636 min Scan# 5918
Delta R.T. 0.013 min
Lab File: BN027927.D
Acq: 28 Sep 2023 15:52

Instrument :
BNA_N
ClientSampleId :
BBJY3

Tgt Ion:278 Resp: 3560
Ion Ratio Lower Upper
278 100
139 117.9 17.2 25.8#
279 61.6 21.4 32.0#



#29
Benzo(g,h,i)perylene
Concen: 0.045 ng/ul
RT: 27.424 min Scan# 6155
Delta R.T. 0.013 min
Lab File: BN027927.D
Acq: 28 Sep 2023 15:52

Tgt Ion:276 Resp: 3304
Ion Ratio Lower Upper
276 100
138 79.0 21.7 32.5#
277 55.4 20.2 30.2#

