

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110722\
 Data File : BN022559.D
 Acq On : 08 Nov 2022 13:28
 Operator : CG/JU
 Sample : N5407-02
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 09 01:21:51 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 23:39:33 2022
 Response via : Initial Calibration

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

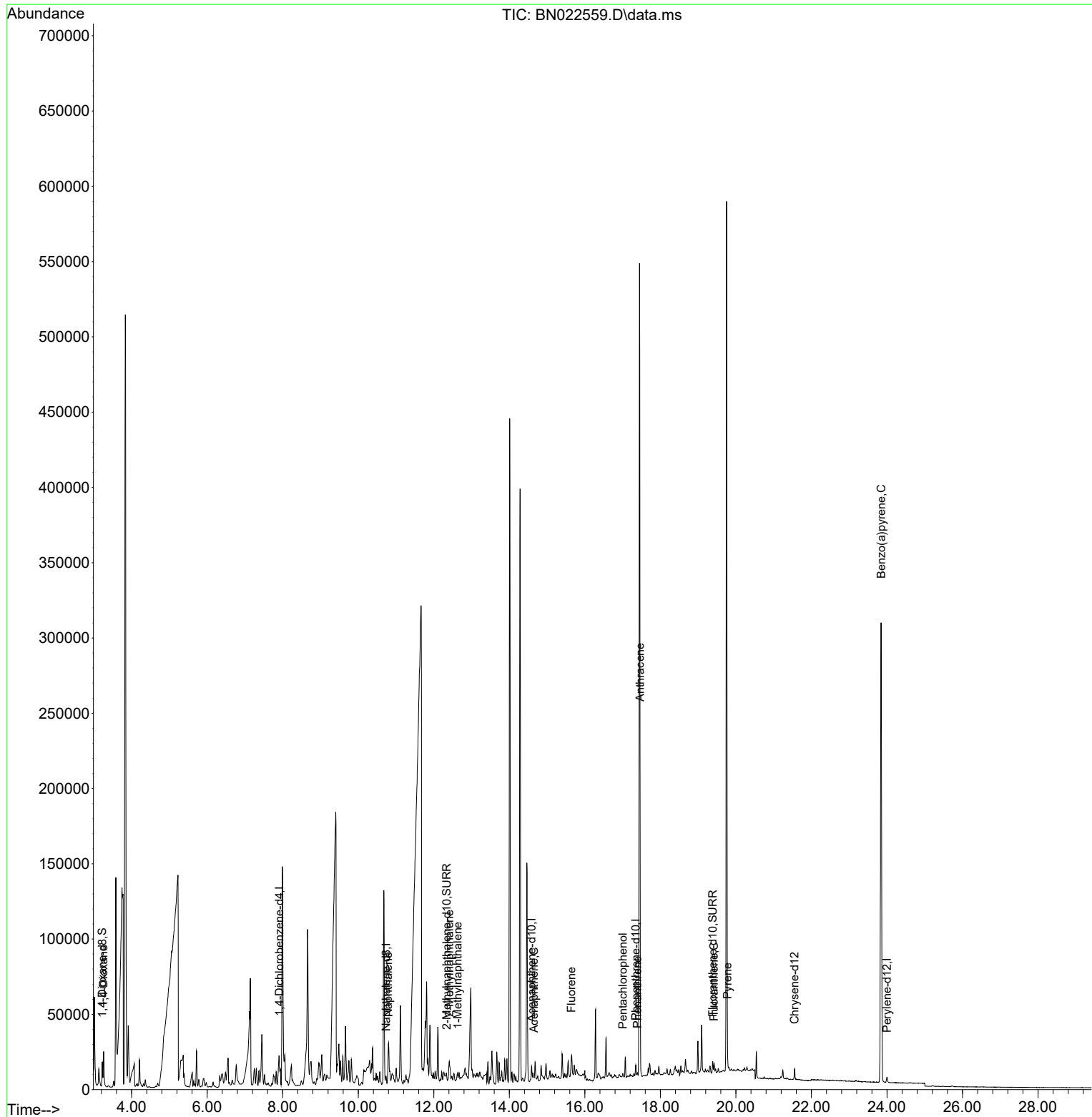
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	2225	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.738	136	6616	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.590	164	6167	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.348	188	8300	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.553	240	6797	0.400	ng/ul	# 0.00
23) Perylene-d12	24.000	264	5104	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.224	96	11127	3.848	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	3833	0.383	ng/ul	0.00
18) Fluoranthene-d10	19.388	212	7306	0.320	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.257	88	15606	5.256	ng/ul#	78
5) Naphthalene	10.788	128	7430	0.380	ng/ul#	58
7) 2-Methylnaphthalene	12.410	142	3517	0.286	ng/ul#	77
8) 1-Methylnaphthalene	12.630	142	3099	0.245	ng/ul	90
11) Acenaphthene	14.650	153	1826	0.078	ng/ul	90
12) Fluorene	15.644	166	1321	0.049	ng/ul#	46
14) Pentachlorophenol	17.006	266	1252	0.634	ng/ul	98
15) Phenanthrene	17.390	178	2966	0.106	ng/ul#	10
16) Anthracene	17.462	178	2516	0.107	ng/ul#	1
19) Fluoranthene	19.415	202	798	0.026	ng/ul#	1
20) Pyrene	19.778	202	2426	0.078	ng/ul#	1
26) Benzo(a)pyrene	23.845	252	1777	0.087	ng/ul#	1

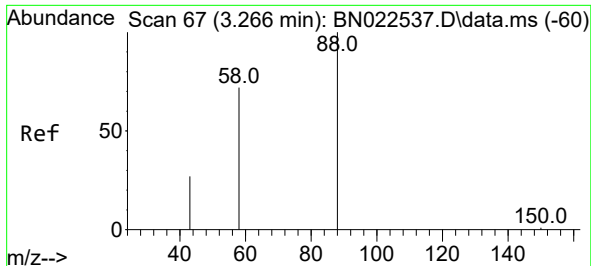
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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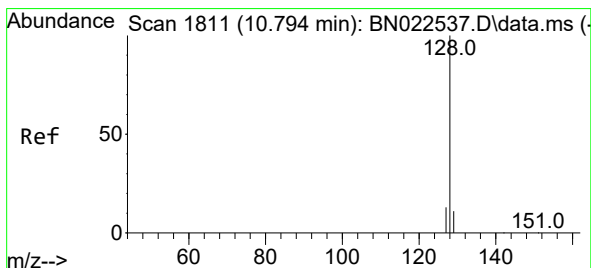
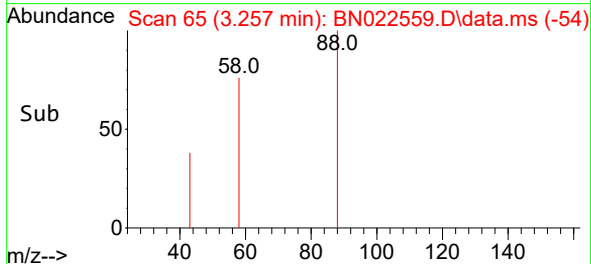
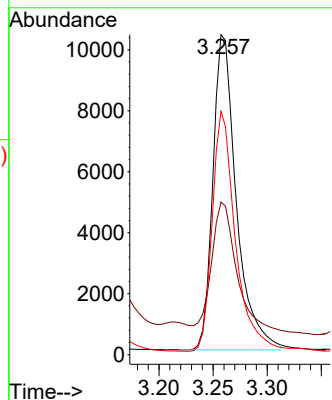
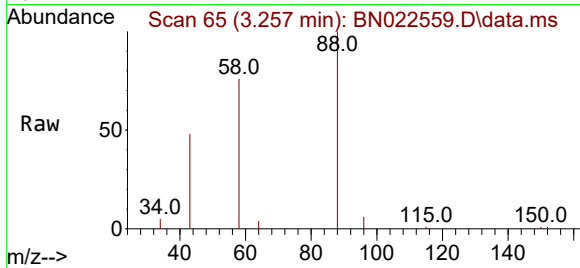




#2
1,4-Dioxane
Concen: 5.256 ng/ul
RT: 3.257 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN022559.D
Acq: 08 Nov 2022 13:28

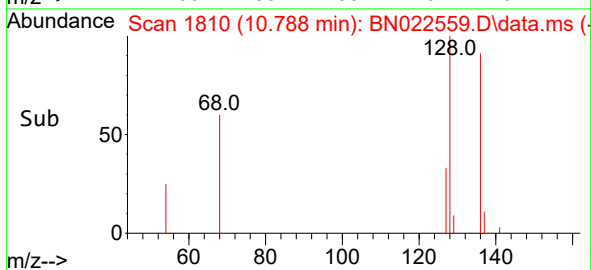
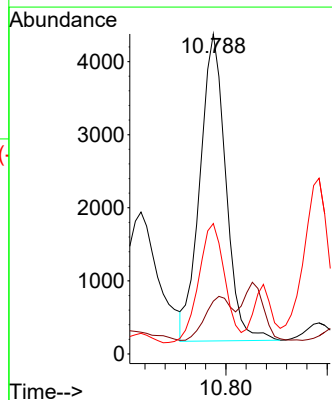
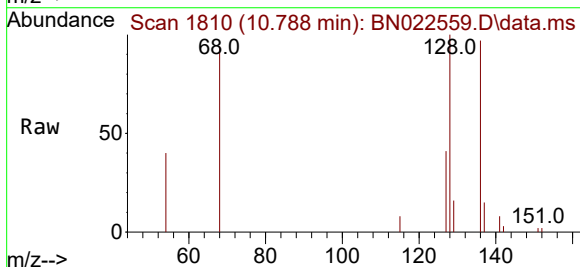
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BNA_N
ClientSampleId :

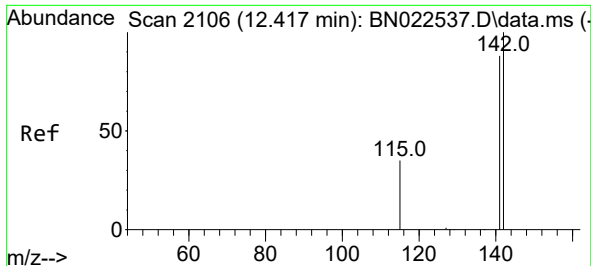
Tgt Ion: 88 Resp: 15606
Ion Ratio Lower Upper
88 100
43 47.7 27.4 41.2#
58 76.1 48.2 72.2#



#5
Naphthalene
Concen: 0.380 ng/ul
RT: 10.788 min Scan# 1810
Delta R.T. -0.007 min
Lab File: BN022559.D
Acq: 08 Nov 2022 13:28

Tgt Ion:128 Resp: 7430
Ion Ratio Lower Upper
128 100
129 16.5 9.3 13.9#
127 40.7 10.7 16.1#

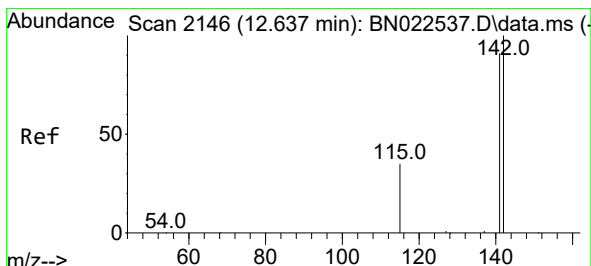
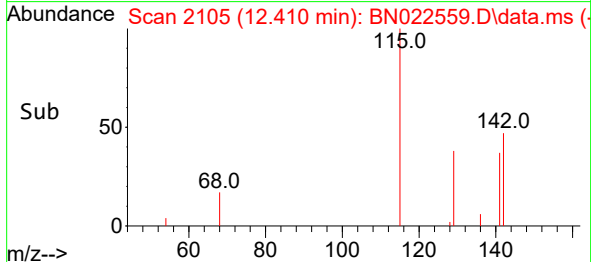
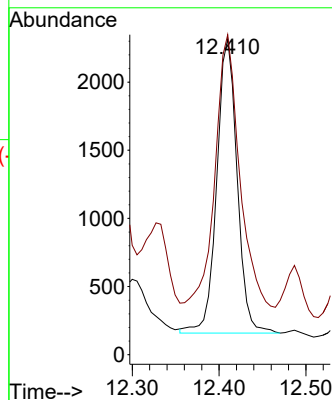
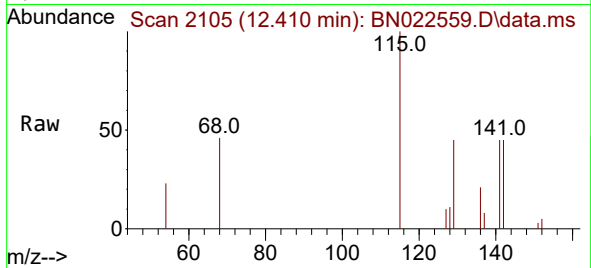




#7
2-Methylnaphthalene
Concen: 0.286 ng/ul
RT: 12.410 min Scan# 2105
Delta R.T. -0.007 min
Lab File: BN022559.D
Acq: 08 Nov 2022 13:28

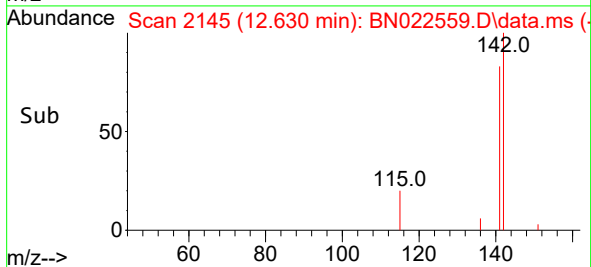
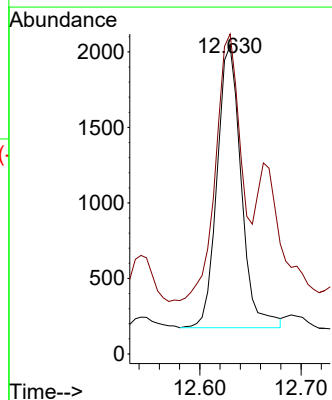
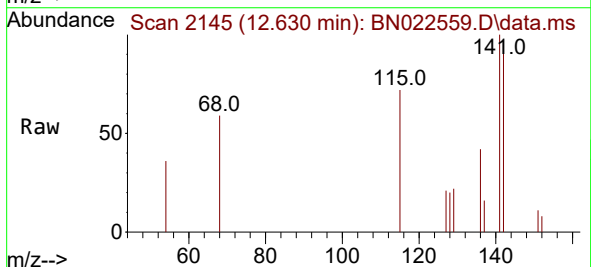
Instrument :
BNA_N
ClientSampleId :

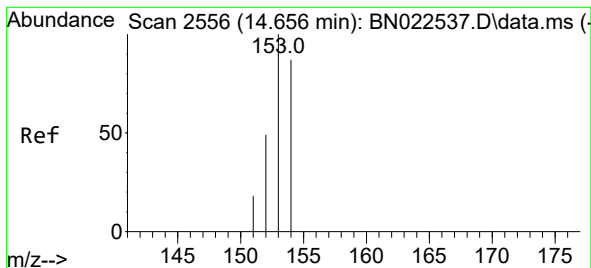
Tgt Ion:142 Resp: 3517
Ion Ratio Lower Upper
142 100
141 110.8 71.1 106.7#



#8
1-Methylnaphthalene
Concen: 0.245 ng/ul
RT: 12.630 min Scan# 2145
Delta R.T. -0.007 min
Lab File: BN022559.D
Acq: 08 Nov 2022 13:28

Tgt Ion:142 Resp: 3099
Ion Ratio Lower Upper
142 100
141 100.6 73.3 109.9





#11

Acenaphthene

Concen: 0.078 ng/ul

RT: 14.650 min Scan# 21

Delta R.T. -0.011 min

Lab File: BN022559.D

Acq: 08 Nov 2022 13:28

Instrument :

BNA_N

ClientSampleId :

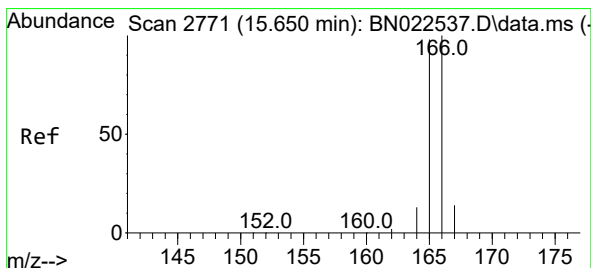
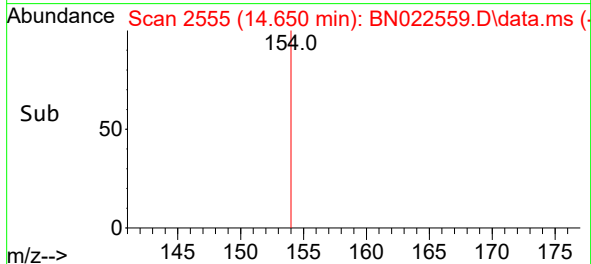
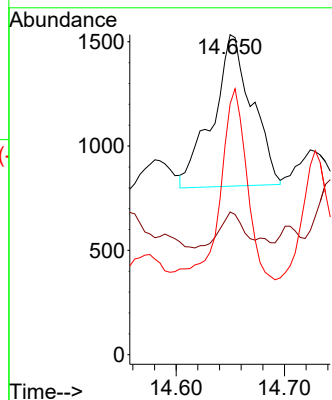
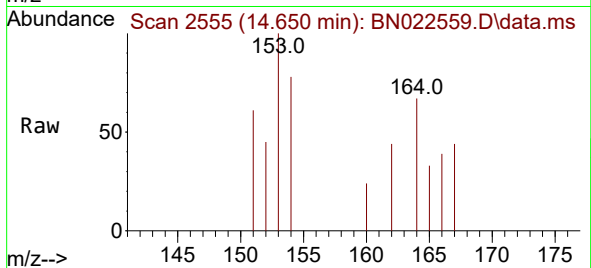
Tgt Ion:153 Resp: 1826

Ion Ratio Lower Upper

153 100

152 44.6 40.6 61.0

154 78.4 70.6 106.0



#12

Fluorene

Concen: 0.049 ng/ul

RT: 15.644 min Scan# 2770

Delta R.T. -0.006 min

Lab File: BN022559.D

Acq: 08 Nov 2022 13:28

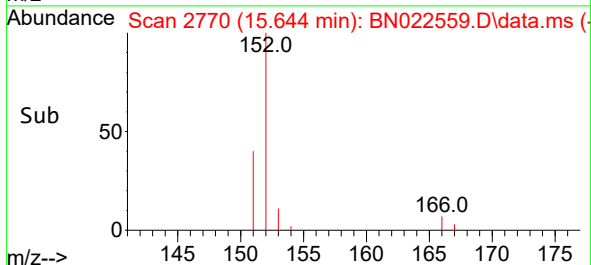
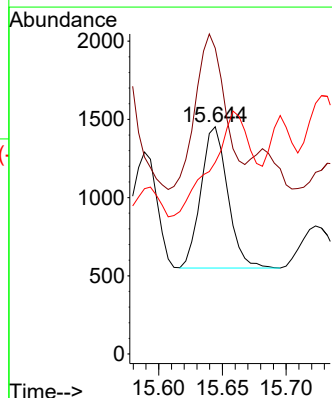
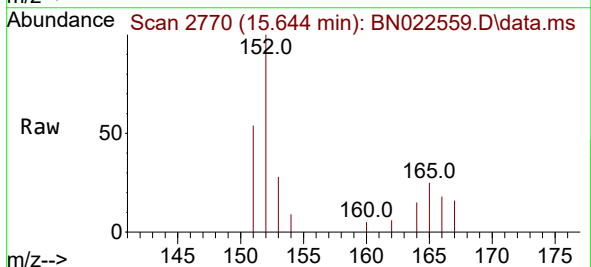
Tgt Ion:166 Resp: 1321

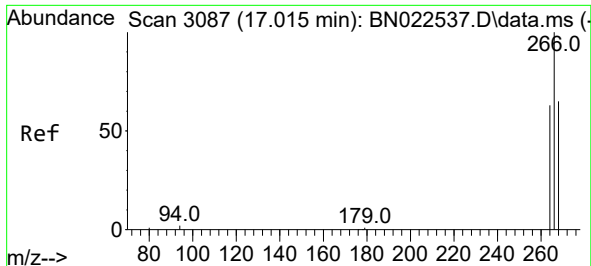
Ion Ratio Lower Upper

166 100

165 134.5 78.2 117.2#

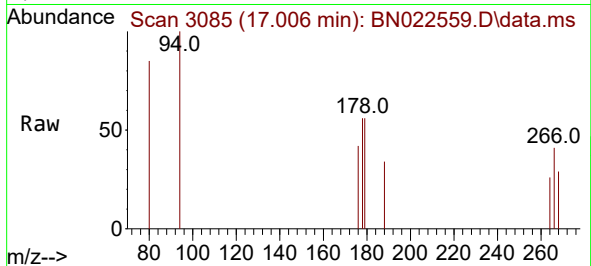
167 84.4 11.0 16.4#



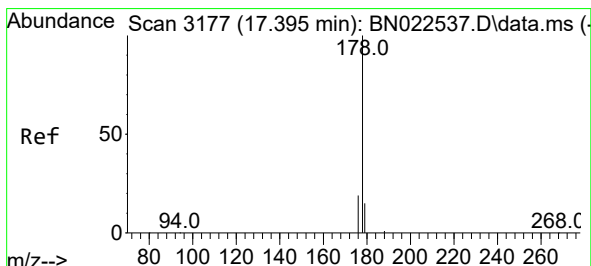
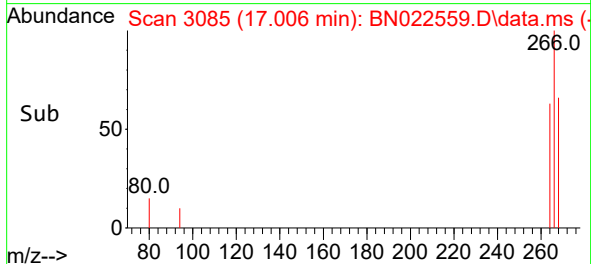
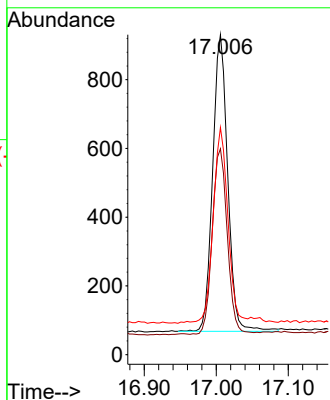


#14
 Pentachlorophenol
 Concen: 0.634 ng/ul
 RT: 17.006 min Scan# 3085
 Delta R.T. -0.006 min
 Lab File: BN022559.D
 Acq: 08 Nov 2022 13:28

Instrument :
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 ClientSampleId :

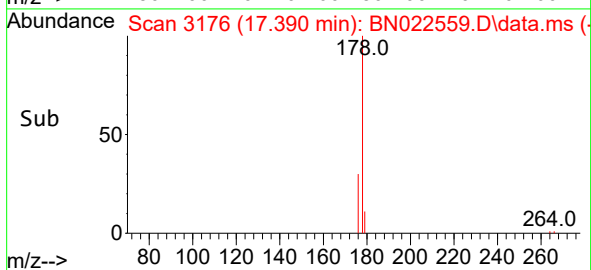
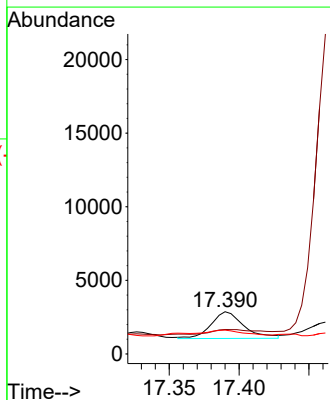
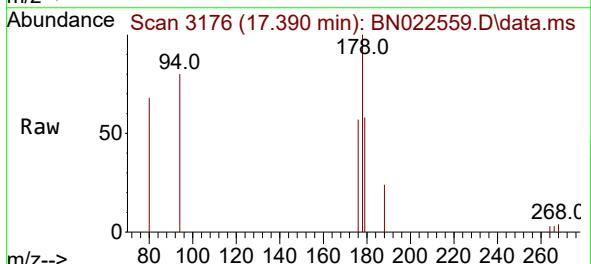


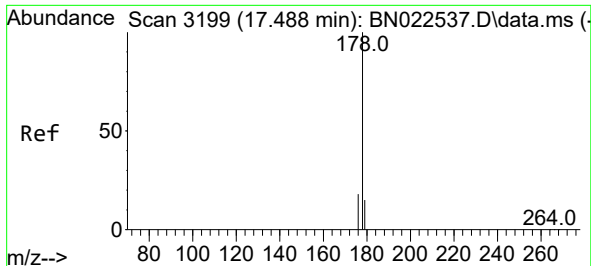
Tgt Ion:266 Resp: 1252
 Ion Ratio Lower Upper
 266 100
 264 62.7 49.8 74.6
 268 66.3 51.4 77.2



#15
 Phenanthrene
 Concen: 0.106 ng/ul
 RT: 17.390 min Scan# 3176
 Delta R.T. -0.006 min
 Lab File: BN022559.D
 Acq: 08 Nov 2022 13:28

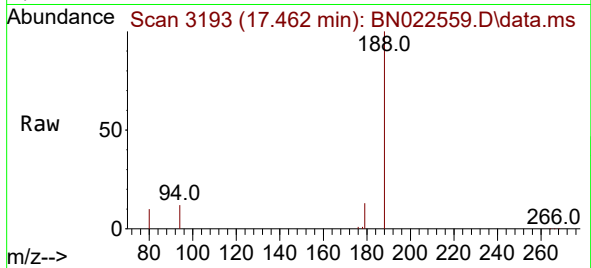
Tgt Ion:178 Resp: 2966
 Ion Ratio Lower Upper
 178 100
 179 58.0 12.7 19.1#
 176 56.5 15.4 23.2#



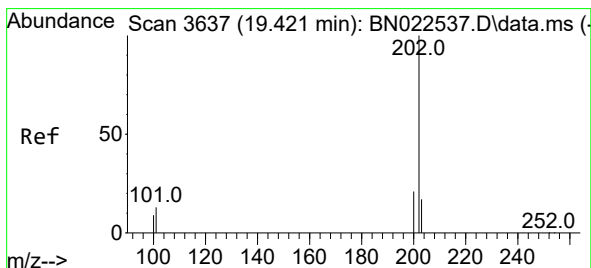
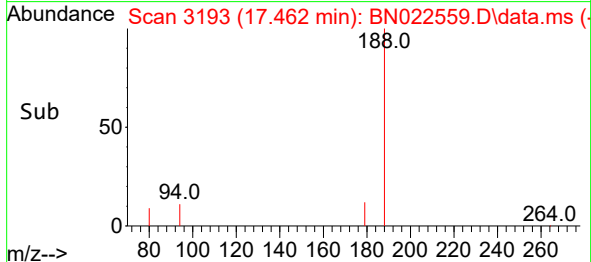
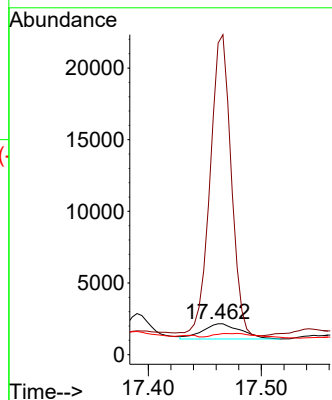


#16
 Anthracene
 Concen: 0.107 ng/ul
 RT: 17.462 min Scan# 3193
 Delta R.T. -0.027 min
 Lab File: BN022559.D
 Acq: 08 Nov 2022 13:28

Instrument :
 BNA_N
 ClientSampleId :

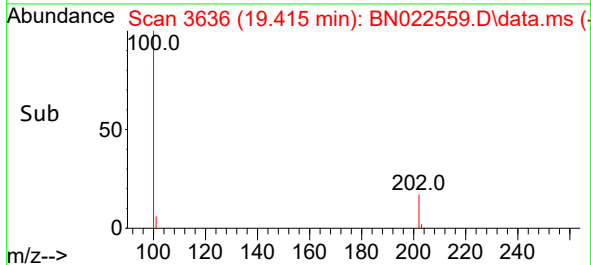
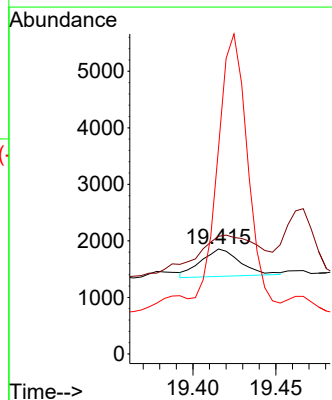
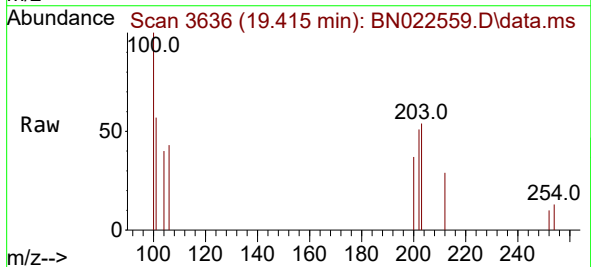


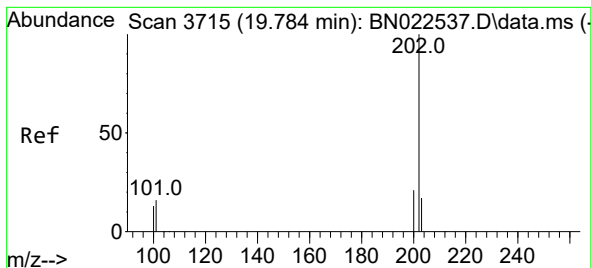
Tgt Ion:178 Resp: 2516
 Ion Ratio Lower Upper
 178 100
 179 1006.8 12.6 18.8#
 176 65.7 15.0 22.6#



#19
 Fluoranthene
 Concen: 0.026 ng/ul
 RT: 19.415 min Scan# 3636
 Delta R.T. -0.006 min
 Lab File: BN022559.D
 Acq: 08 Nov 2022 13:28

Tgt Ion:202 Resp: 798
 Ion Ratio Lower Upper
 202 100
 101 112.0 11.8 17.6#
 100 195.4 8.7 13.1#





#20

Pyrene

Concen: 0.078 ng/ul

RT: 19.778 min Scan# 3715

Delta R.T. -0.006 min

Lab File: BN022559.D

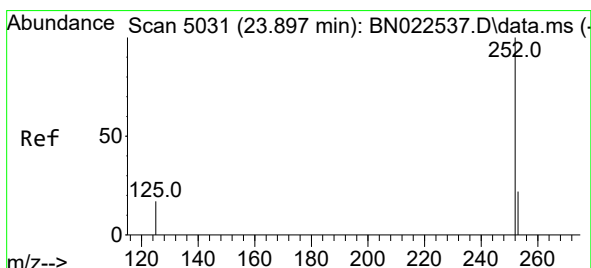
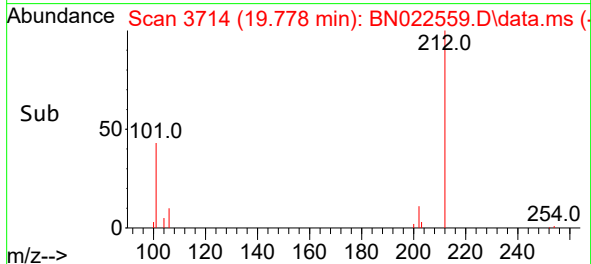
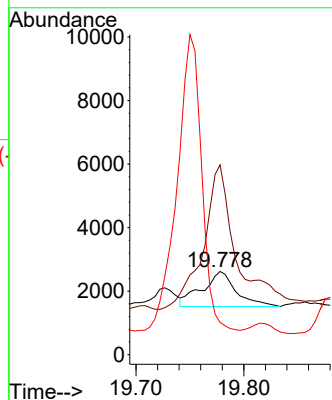
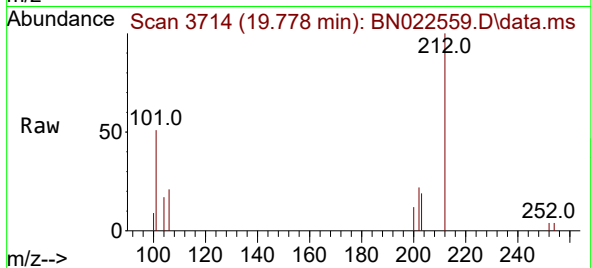
Acq: 08 Nov 2022 13:28

Instrument :

BNA_N

ClientSampleId :

Tgt Ion:	202	Resp:	2426
Ion	Ratio	Lower	Upper
202	100		
101	228.1	13.1	19.7#
100	38.9	10.6	16.0#



#26

Benzo(a)pyrene

Concen: 0.087 ng/ul

RT: 23.845 min Scan# 5013

Delta R.T. -0.049 min

Lab File: BN022559.D

Acq: 08 Nov 2022 13:28

Tgt Ion:	252	Resp:	1777
Ion	Ratio	Lower	Upper
252	100		
253	82.1	21.0	31.6#
125	77.1	17.9	26.9#

