

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042421\
 Data File : BN014423.D
 Acq On : 25 Apr 2021 03:35
 Operator : CG/JU
 Sample : M2065-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG570

Quant Time: Apr 26 01:53:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 23 12:06:34 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	145653	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	629324	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	372237	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.07	188	803398	20.00	ng/ul	0.00
79) Chrysene-d12	21.26	240	854570	20.00	ng/ul	0.00
88) Perylene-d12	23.49	264	846549	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	11426	2.99	ng/uL	0.00
4) Pyridine-d5	3.61	84	125150	12.34	ng/ul	0.00
7) Phenol-d5	6.85	99	260397	21.38	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	167687	23.00	ng/ul	0.00
11) 2-Chlorophenol-d4	7.22	132	230784	24.10	ng/ul	0.00
15) 4-Methylphenol-d8	8.38	113	212364	23.01	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	123368	27.13	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	100126	22.48	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.08	165	220164	22.95	ng/ul	0.00
31) 4-Chloroaniline-d4	10.59	131	281882	19.81	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	709484	26.31	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	973374	30.00	ng/ul	0.00
54) 4-Nitrophenol-d4	14.52	143	65469	12.52	ng/ul	0.00
60) Fluorene-d10	15.32	176	674560	28.30	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.43	200	31503	7.33	ng/ul	0.00
73) Anthracene-d10	17.16	188	1041675	27.78	ng/ul	0.00
81) Pyrene-d10	19.46	212	1205084	29.05	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.35	264	1281257	28.53	ng/ul	0.00

Target Compounds

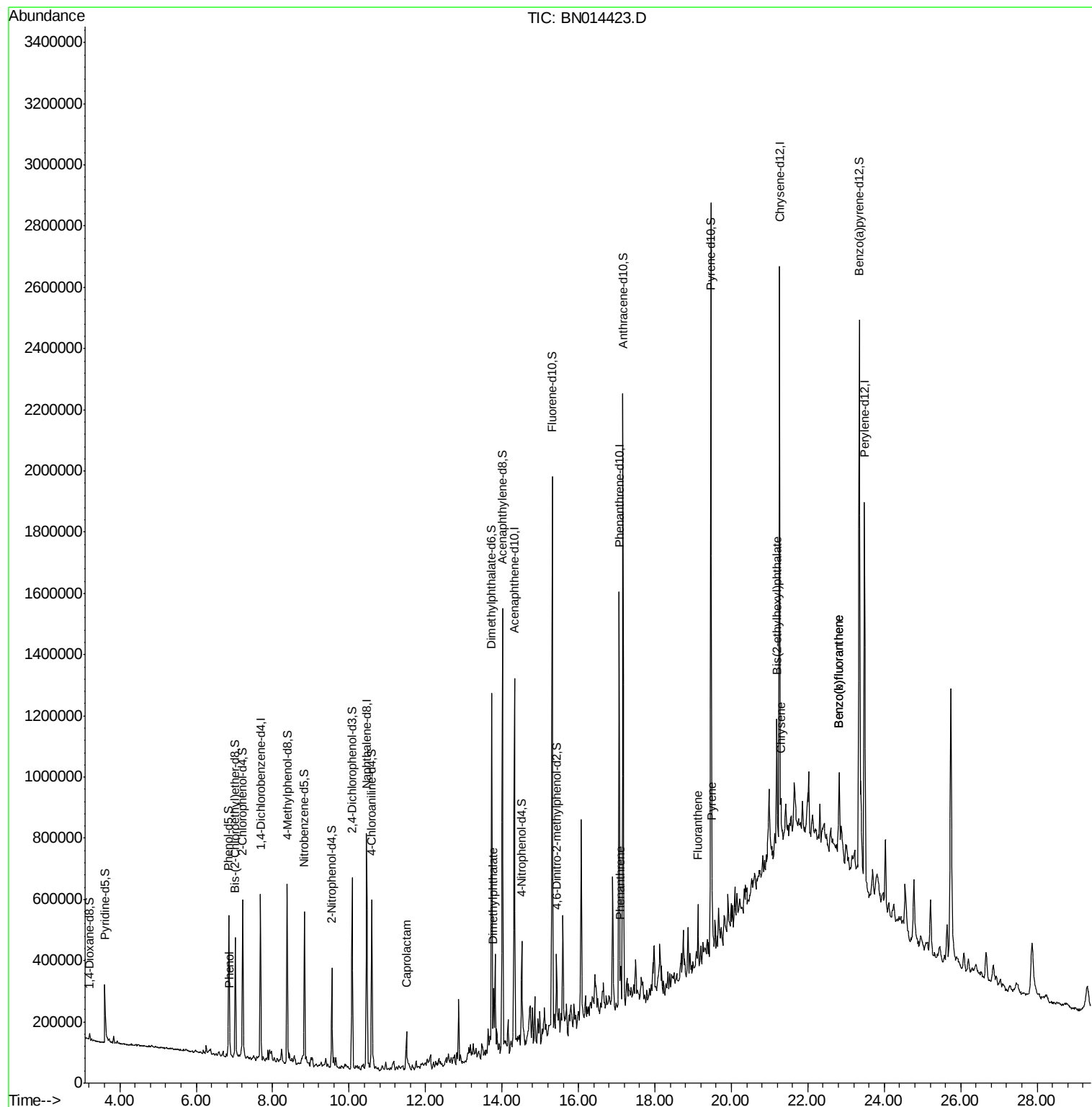
					Ovalue	
8) Phenol	6.88	94	16869	1.289	ng/ul	95
34) Caprolactam	11.50	113	4912	1.790	ng/ul#	28
47) Dimethylphthalate	13.77	163	112272	4.010	ng/ul	99
72) Phenanthrene	17.11	178	66034	1.408	ng/ul#	94
80) Fluoranthene	19.13	202	107062	2.042	ng/ul	97
82) Pyrene	19.49	202	119811	2.146	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.19	149	136678	4.576	ng/ul	99
87) Chrysene	21.29	228	58000	1.084	ng/ul#	95
90) Benzo(b)fluoranthene	22.82	252	62618	1.106	ng/ul#	59
91) Benzo(k)fluoranthene	22.82	252	62618	1.111	ng/ul#	60

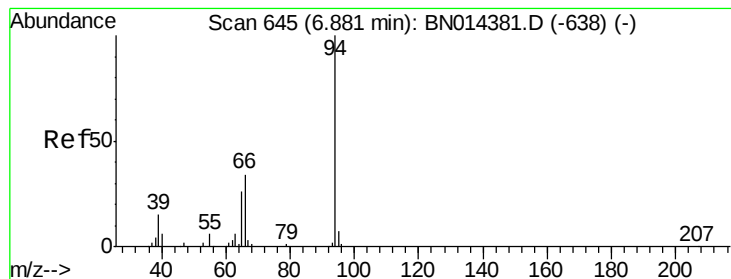
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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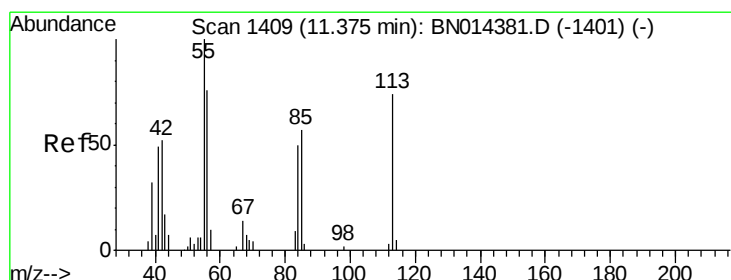
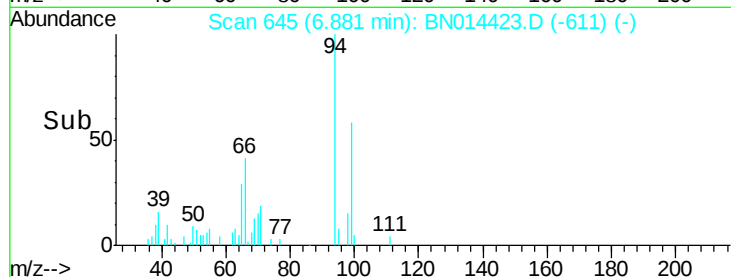
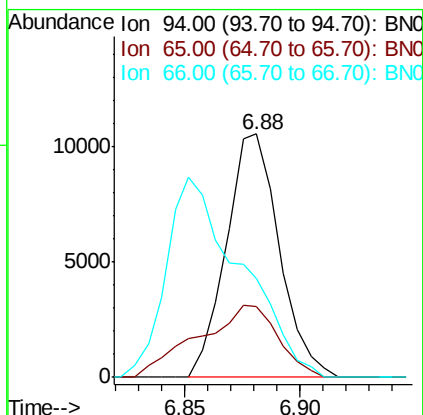
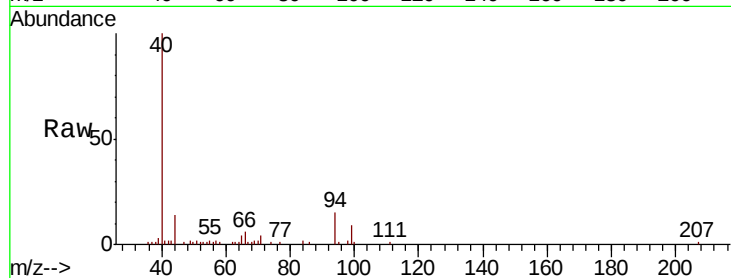
#8

Phenol

Concen: 1.289 ng/ul
 RT: 6.88 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BN014423.D
 Acq: 25 Apr 2021 03:35

Instrument :
 BNA_N
 ClientSampleId :
 BG570

Tot Ion: 94 Resp: 16869
 Ion Ratio Lower Upper
 94 100
 65 29.0 22.5 33.7
 66 40.5 29.0 43.6

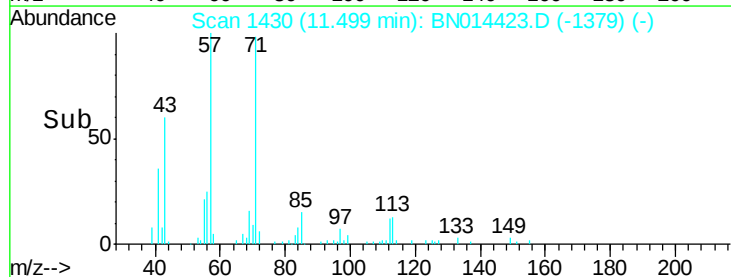
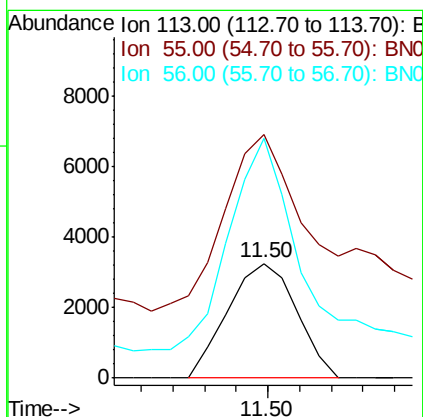
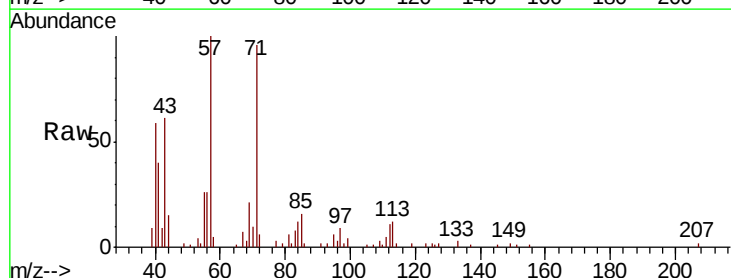


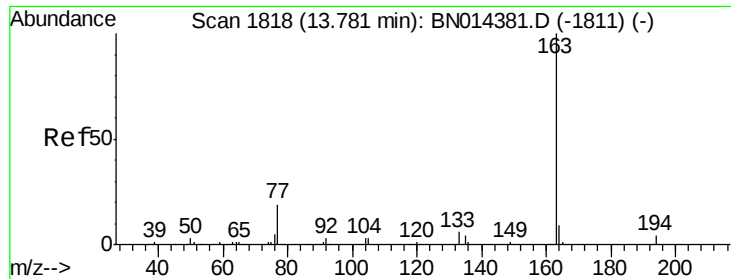
#34

Caprolactam

Concen: 1.790 ng/ul
 RT: 11.50 min Scan# 1430
 Delta R.T. 0.10 min
 Lab File: BN014423.D
 Acq: 25 Apr 2021 03:35

Tgt Ion: 113 Resp: 4912
 Ion Ratio Lower Upper
 113 100
 55 212.4 115.4 173.2#
 56 209.6 87.2 130.8#

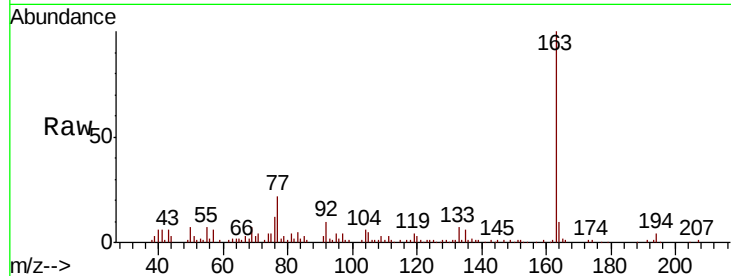




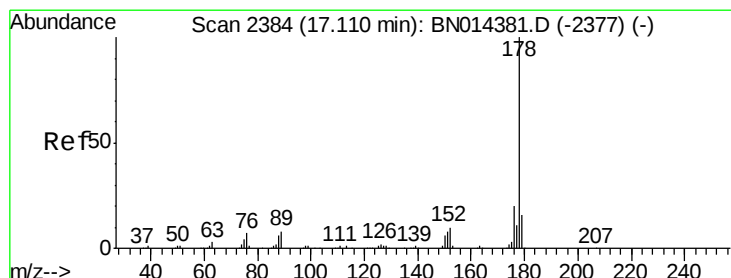
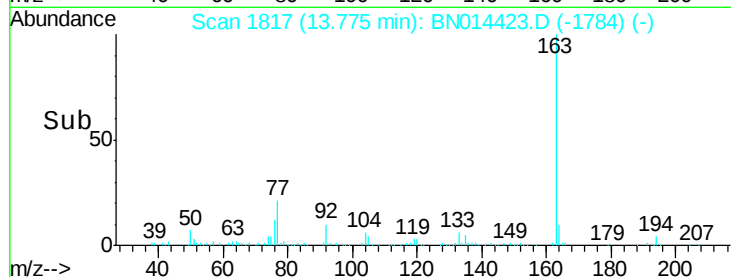
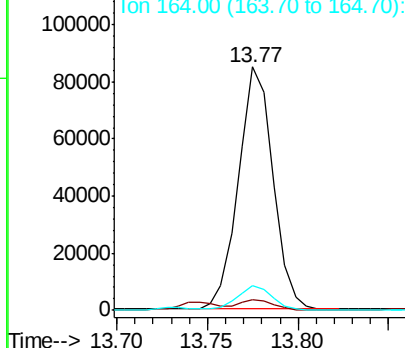
#47
Dimethylphthalate
Concen: 4.010 ng/ul
RT: 13.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BN014423.D
Acq: 25 Apr 2021 03:35

Instrument :
BNA_N
ClientSampled :
BG570

Tot Ion:163 Resp: 112272
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.2 7.8 11.8

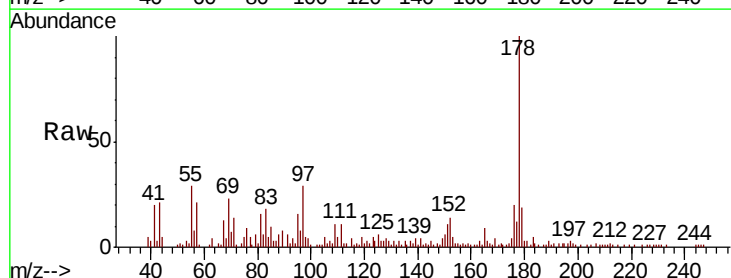


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

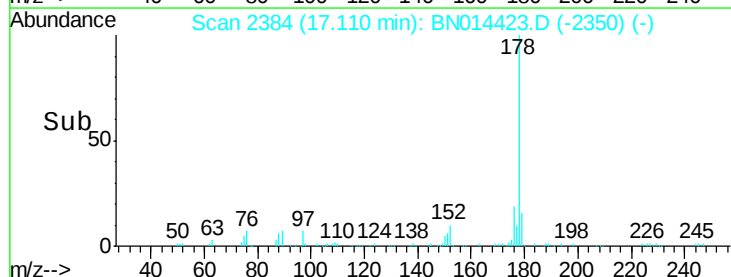
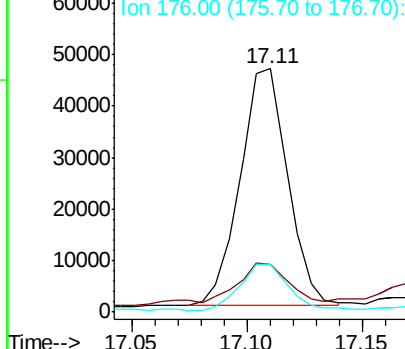


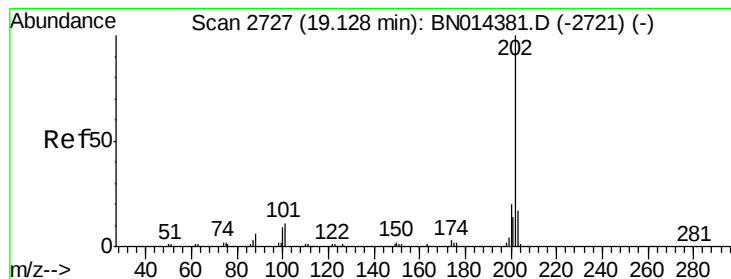
#72
Phenanthrene
Concen: 1.408 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BN014423.D
Acq: 25 Apr 2021 03:35

Tgt Ion:178 Resp: 66034
Ion Ratio Lower Upper
178 100
179 19.5 12.2 18.4#
176 19.6 15.0 22.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#80

Fluoranthene

Concen: 2.042 ng/ul

RT: 19.13 min Scan# 2727

Delta R.T. 0.00 min

Lab File: BN014423.D

Acq: 25 Apr 2021 03:35

Instrument :

BNA_N

ClientSampled :

BG570

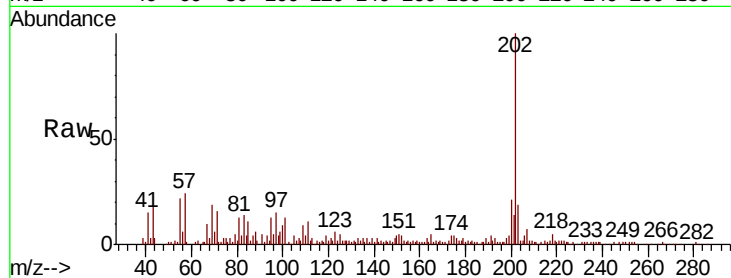
Tot Ion:202 Resp: 107062

Ion Ratio Lower Upper

202 100

101 12.8 9.0 13.6

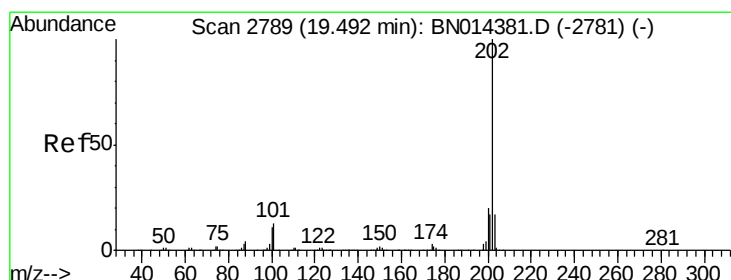
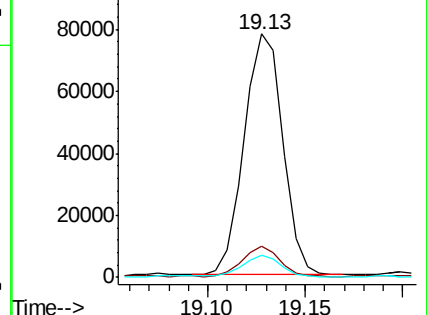
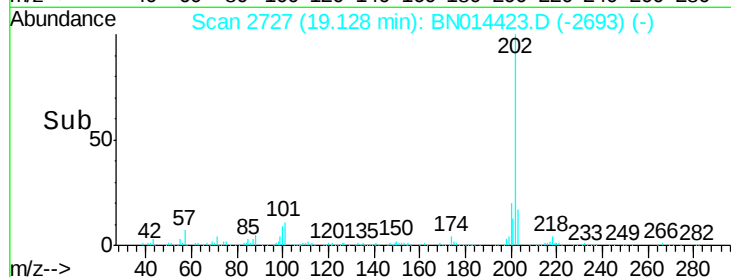
100 9.2 7.0 10.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#82

Pyrene

Concen: 2.146 ng/ul

RT: 19.49 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BN014423.D

Acq: 25 Apr 2021 03:35

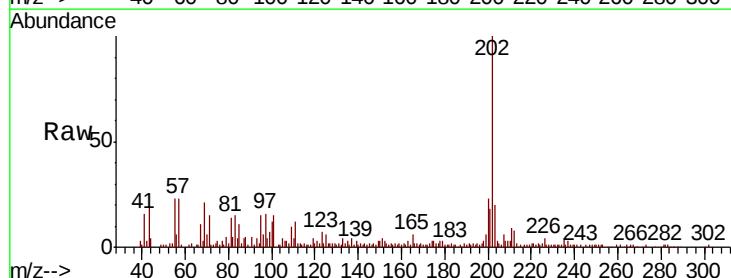
Tgt Ion:202 Resp: 119811

Ion Ratio Lower Upper

202 100

101 14.6 10.5 15.7

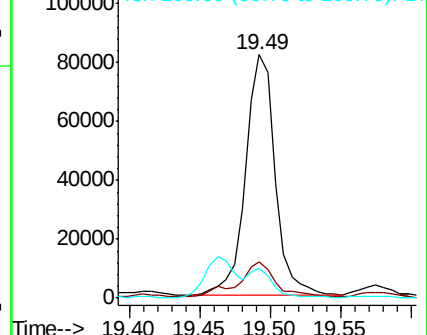
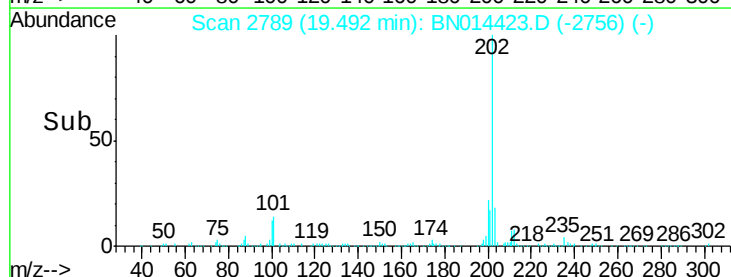
100 12.0 8.7 13.1

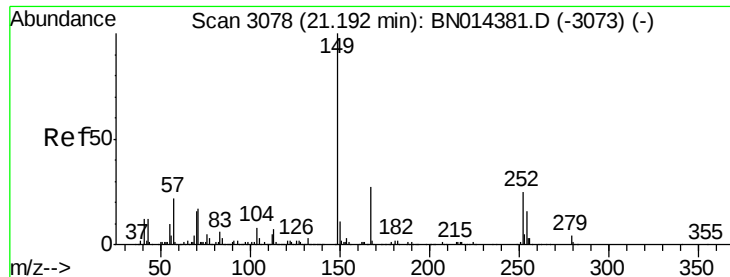


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

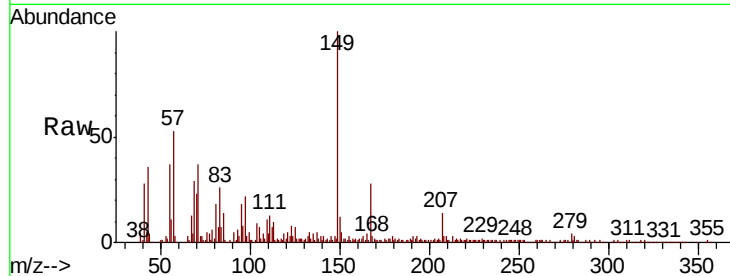




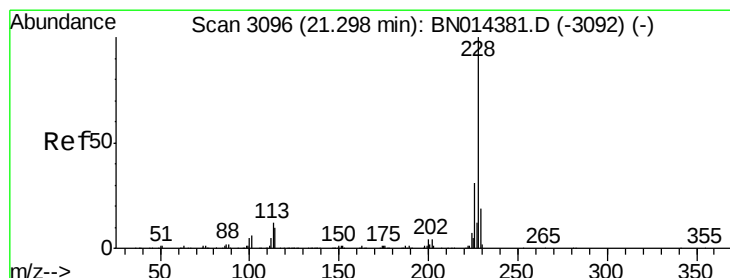
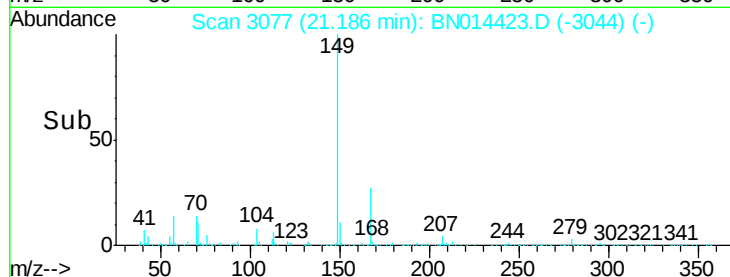
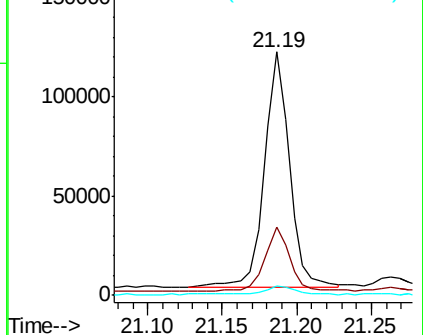
#86
 Bis(2-ethylhexyl)phthalate
 Concen: 4.576 ng/ul
 RT: 21.19 min Scan# 3077
 Delta R.T. -0.01 min
 Lab File: BN014423.D
 Acq: 25 Apr 2021 03:35

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 BNA_N
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 BG570

Tot Ion:149 Resp: 136678
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.0 33.0
 279 3.7 3.0 4.6

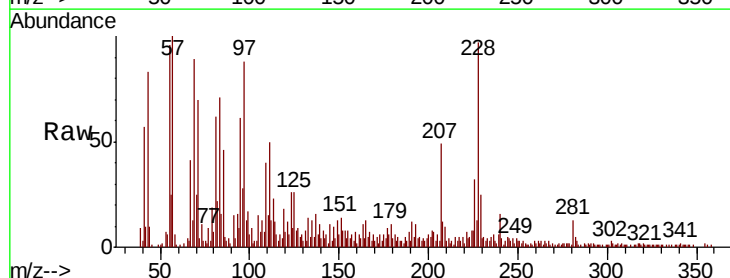


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

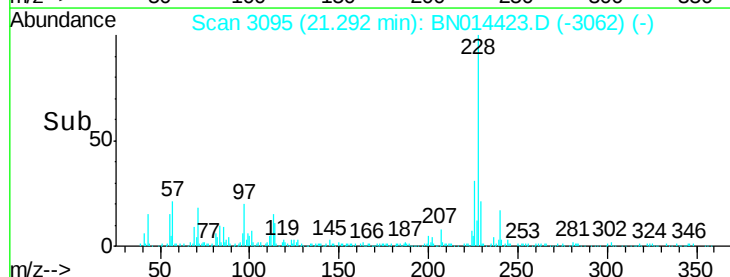
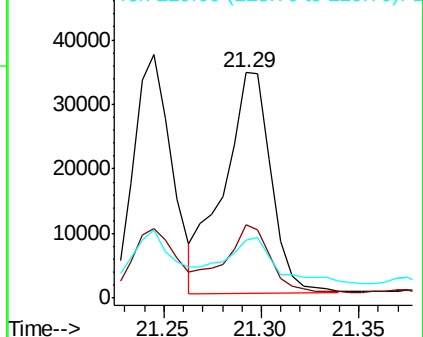


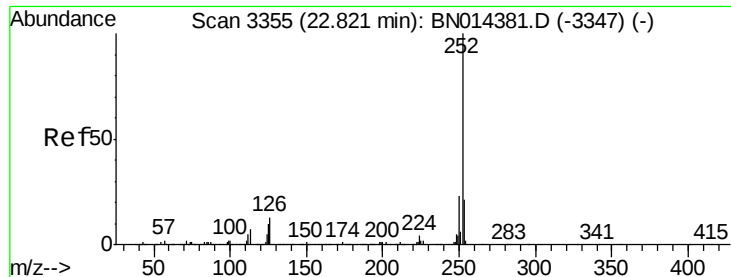
#87
 Chrysene
 Concen: 1.084 ng/ul
 RT: 21.29 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BN014423.D
 Acq: 25 Apr 2021 03:35

Tgt Ion:228 Resp: 58000
 Ion Ratio Lower Upper
 228 100
 226 32.6 26.0 39.0
 229 25.9 16.4 24.6#



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#90

Benzo(b)fluoranthene

Concen: 1.106 ng/ul

RT: 22.82 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BN014423.D

Acq: 25 Apr 2021 03:35

Instrument :

BNA_N

ClientSampleId :

BG570

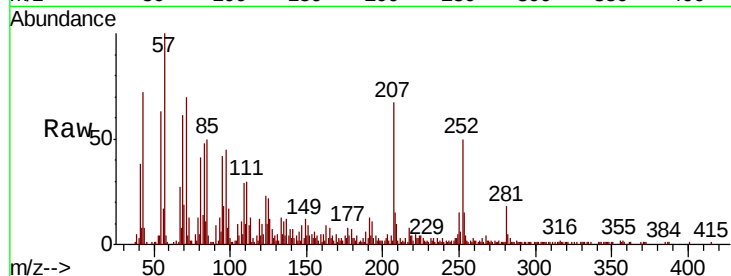
Tot Ion:252 Resp: 62618

Ion Ratio Lower Upper

252 100

253 29.5 17.3 25.9#

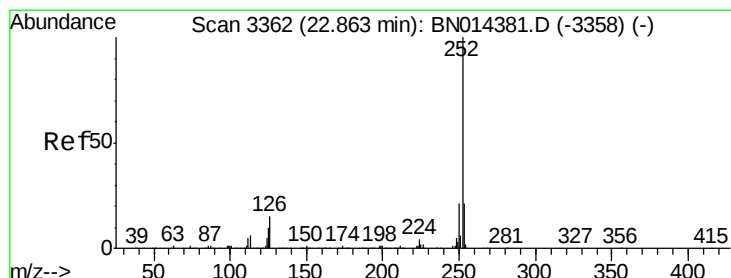
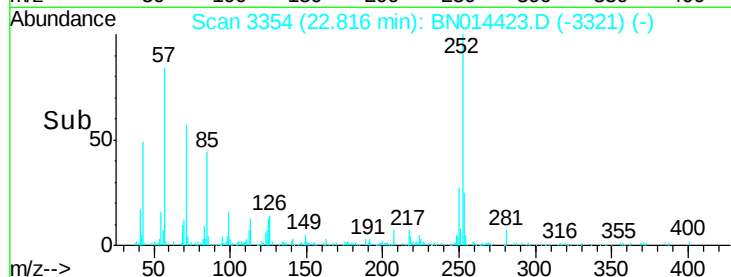
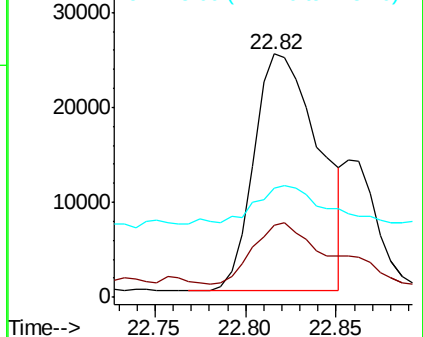
125 44.9 8.1 12.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(k)fluoranthene

Concen: 1.111 ng/ul

RT: 22.82 min Scan# 3354

Delta R.T. -0.05 min

Lab File: BN014423.D

Acq: 25 Apr 2021 03:35

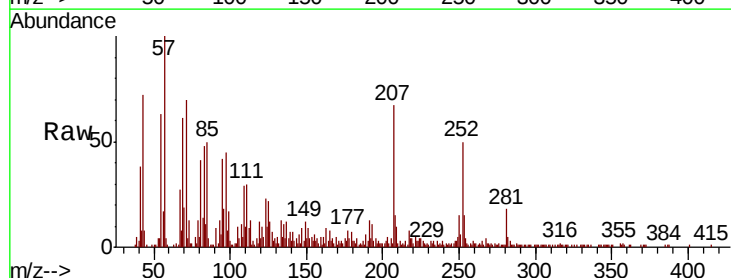
Tgt Ion:252 Resp: 62618

Ion Ratio Lower Upper

252 100

253 29.5 17.8 26.8#

125 44.9 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

