

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
 Data File : BN009492.D
 Acq On : 31 Jan 2020 02:15
 Operator : CG/JU
 Sample : L1300-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5AP6

Quant Time: Jan 31 04:15:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 31 00:47:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	150760	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	636341	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.09	164	404013	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.84	188	862393	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	780655	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	849484	20.00	ng/ul	-0.01

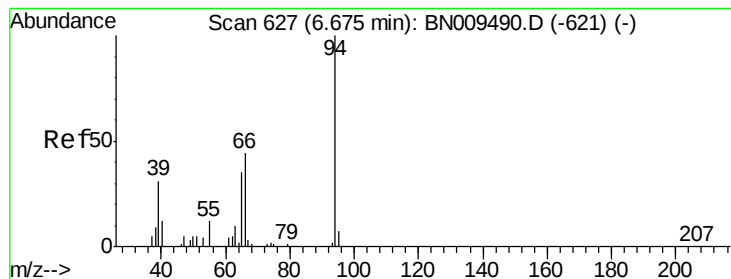
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	9108	2.50	ng/uL	0.00
5) Phenol-d5	6.65	99	157126	11.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	141939	14.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	132131	13.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	127809	12.01	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	71124	15.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	77745	16.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	120898	12.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	170119	14.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.52	166	529599	17.71	ng/ul	0.00
46) Acenaphthylene-d8	13.77	160	482314	13.59	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.32	143	63301	11.38	ng/ul	0.00
57) Fluorene-d10	15.09	176	417197	15.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	67270	12.88	ng/ul	0.00
70) Anthracene-d10	16.94	188	572994	14.36	ng/ul	0.00
78) Pyrene-d10	19.24	212	620693	14.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	562142	13.11	ng/ul	-0.01

Target Compounds

					Ovalue	
6) Phenol	6.68	94	23305	1.664	ng/ul	95
44) Dimethylphthalate	13.56	163	121793	3.957	ng/ul#	99
69) Phenanthrene	16.88	178	173030	3.556	ng/ul	98
76) Fluoranthene	18.91	202	244442	4.382	ng/ul	98
79) Pyrene	19.27	202	170445	3.015	ng/ul	99
82) Benzo(a)anthracene	21.03	228	102807	1.934	ng/ul	99
84) Chrysene	21.09	228	89885	1.736	ng/ul	97
87) Benzo(b)fluoranthene	22.54	252	101622	1.892	ng/ul#	95
90) Benzo(a)pyrene	23.07	252	60167	1.248	ng/ul	96

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



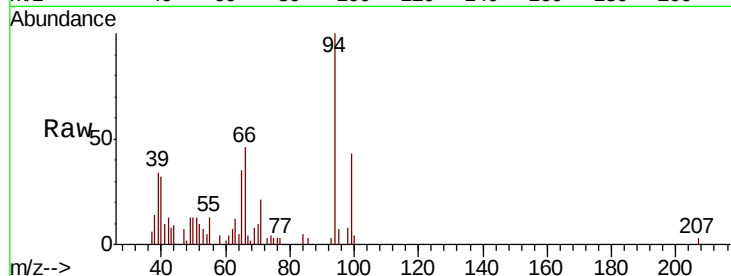
#6

Phenol

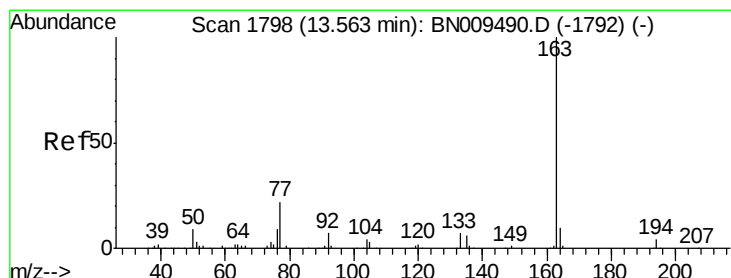
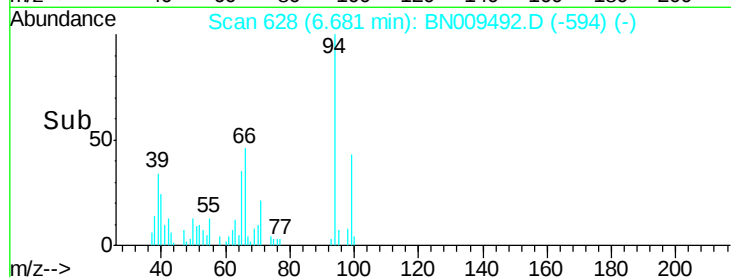
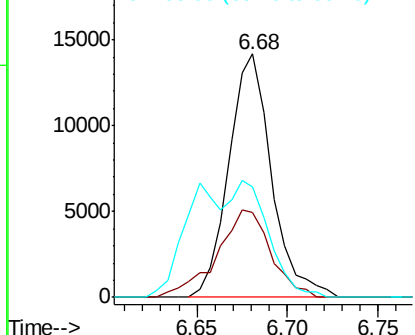
Concen: 1.664 ng/ul
 RT: 6.68 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BN009492.D
 Acq: 31 Jan 2020 02:15

Instrument :
 BNA_N
 ClientSampleId :
 C5AP6

Tot Ion	Ratio	Lower	Upper
94	100		
65	35.1	29.4	44.0
66	45.5	39.8	59.8



Abundance Ion 94.00 (93.70 to 94.70): BN0
 Ion 65.00 (64.70 to 65.70): BN0
 Ion 66.00 (65.70 to 66.70): BN0

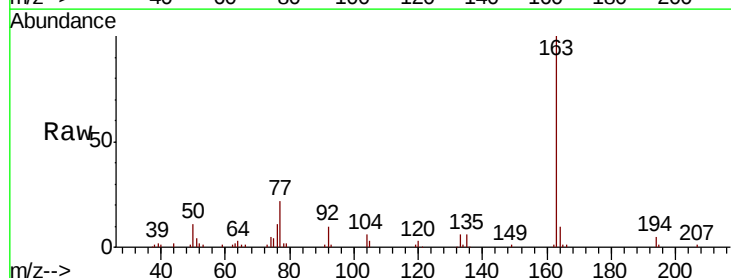


#44

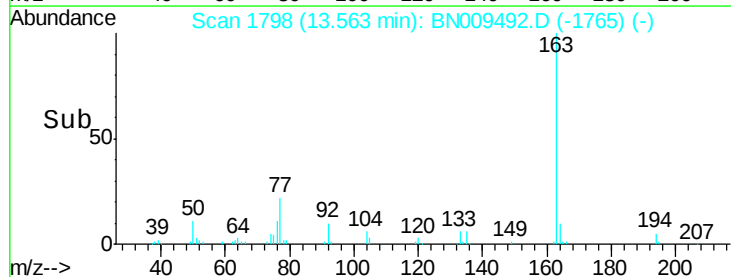
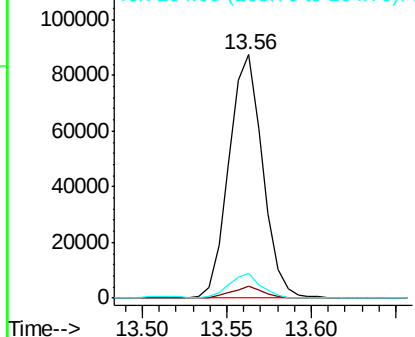
Dimethylphthalate

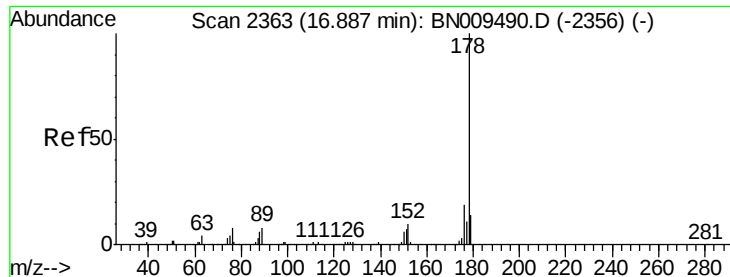
Concen: 3.957 ng/ul
 RT: 13.56 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BN009492.D
 Acq: 31 Jan 2020 02:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.1	4.7#
164	10.2	8.3	12.5



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





#69

Phenanthrene

Concen: 3.556 ng/ul

RT: 16.88 min Scan# 2362

Delta R.T. -0.01 min

Lab File: BN009492.D

Acq: 31 Jan 2020 02:15

Instrument :

BNA_N

ClientSampleId :

C5AP6

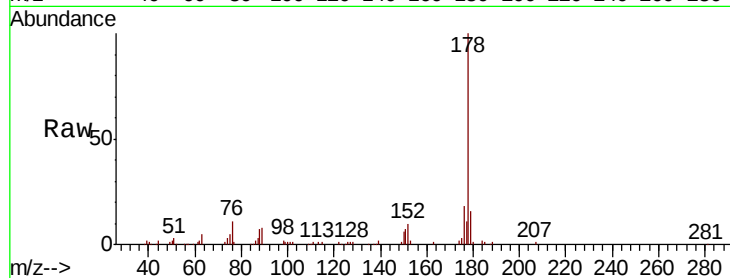
Tot Ion:178 Resp: 173030

Ion Ratio Lower Upper

178 100

179 16.0 13.3 19.9

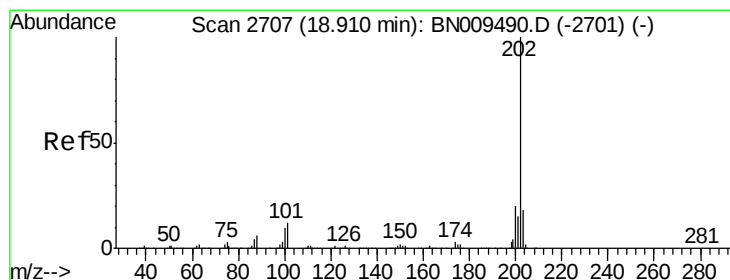
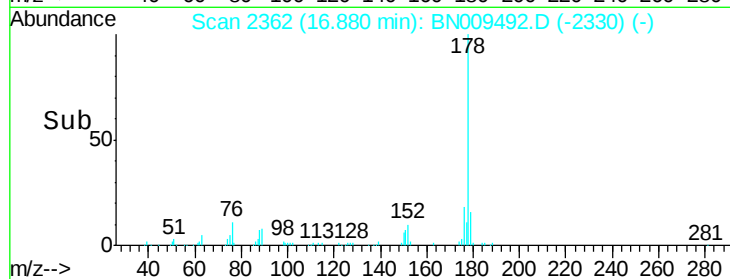
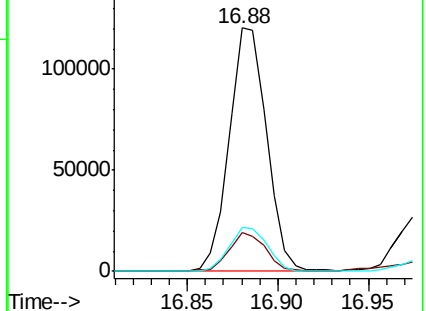
176 18.0 15.5 23.3



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



#76

Fluoranthene

Concen: 4.382 ng/ul

RT: 18.91 min Scan# 2707

Delta R.T. -0.01 min

Lab File: BN009492.D

Acq: 31 Jan 2020 02:15

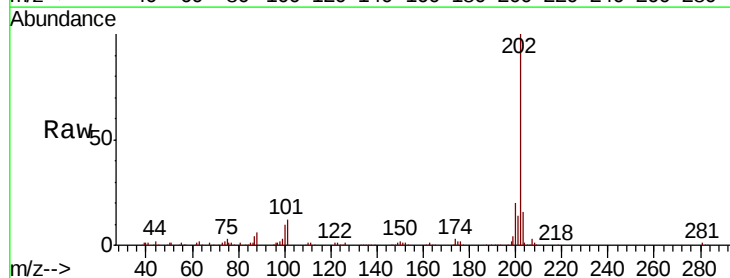
Tgt Ion:202 Resp: 244442

Ion Ratio Lower Upper

202 100

101 11.6 9.7 14.5

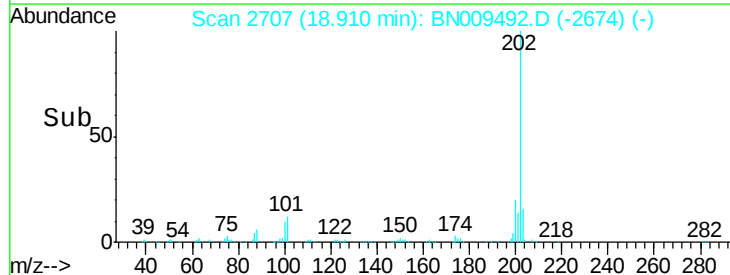
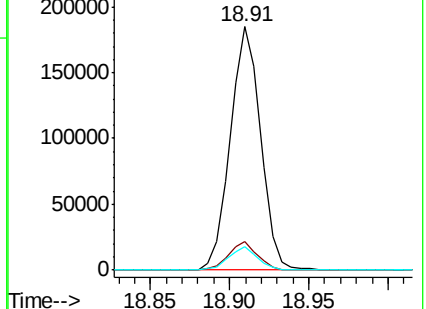
100 9.7 7.1 10.7

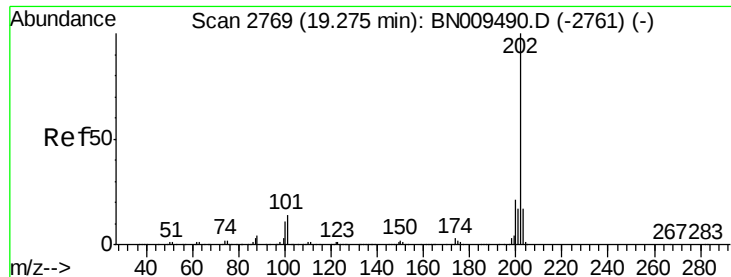


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 3.015 ng/ul

RT: 19.27 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BN009492.D

Acq: 31 Jan 2020 02:15

Instrument :

BNA_N

ClientSampleId :

C5AP6

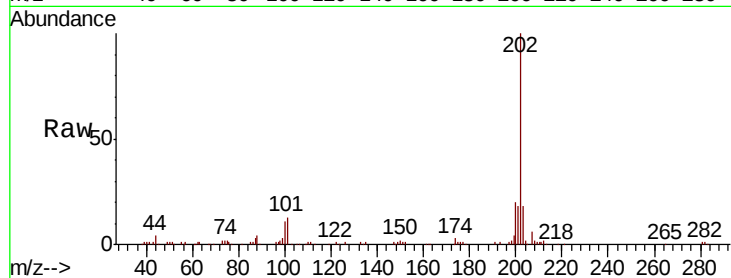
Tot Ion:202 Resp: 170445

Ion Ratio Lower Upper

202 100

101 13.1 10.9 16.3

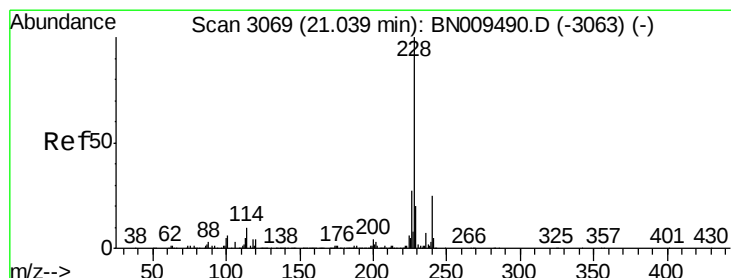
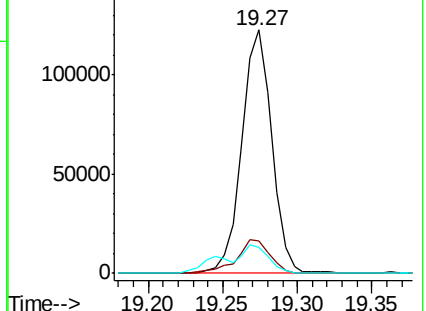
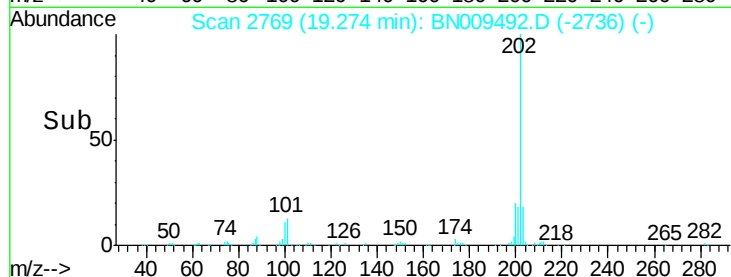
100 10.8 8.6 12.8



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): E



#82

Benzo(a)anthracene

Concen: 1.934 ng/ul

RT: 21.03 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN009492.D

Acq: 31 Jan 2020 02:15

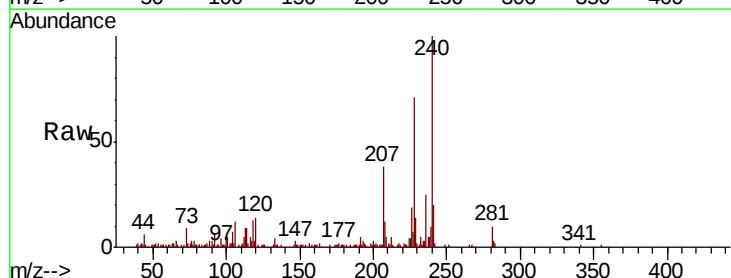
Tgt Ion:228 Resp: 102807

Ion Ratio Lower Upper

228 100

229 19.9 15.9 23.9

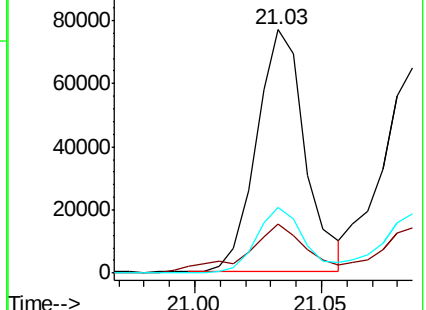
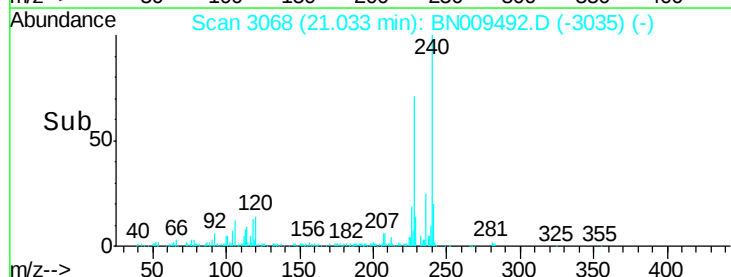
226 27.2 20.9 31.3

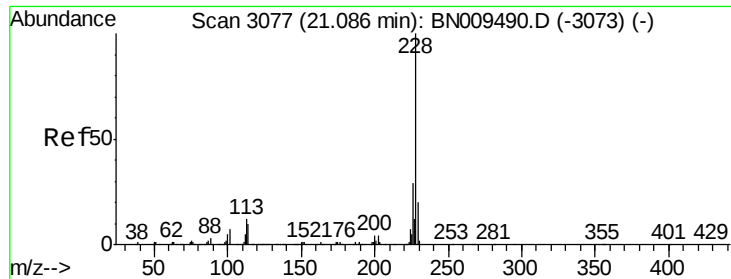


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 1.736 ng/ul

RT: 21.09 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BN009492.D

Acq: 31 Jan 2020 02:15

Instrument :

BNA_N

ClientSampled :

C5AP6

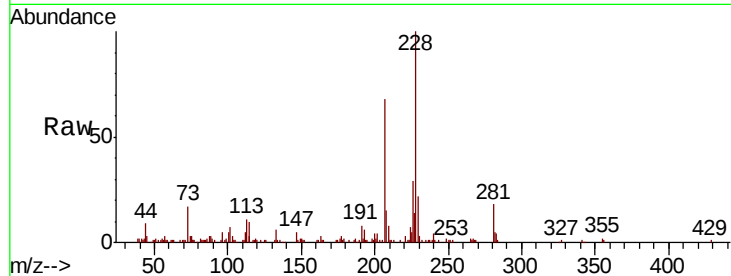
Tot Ion:228 Resp: 89885

Ion Ratio Lower Upper

228 100

226 29.1 22.9 34.3

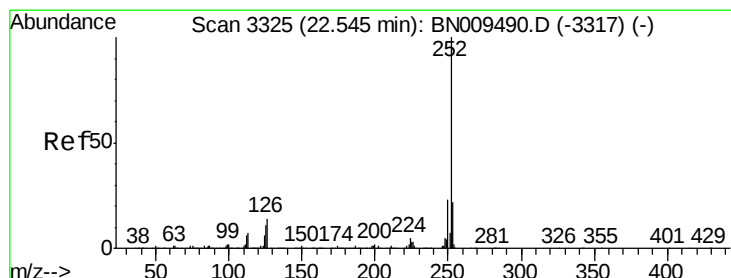
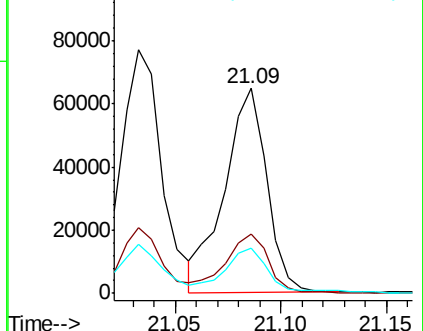
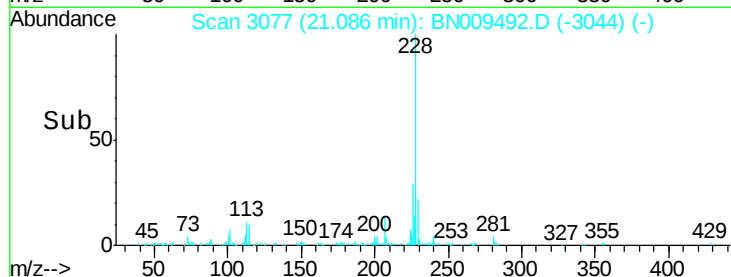
229 21.9 15.4 23.0



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



#87

Benzo(b)fluoranthene

Concen: 1.892 ng/ul

RT: 22.54 min Scan# 3325

Delta R.T. -0.01 min

Lab File: BN009492.D

Acq: 31 Jan 2020 02:15

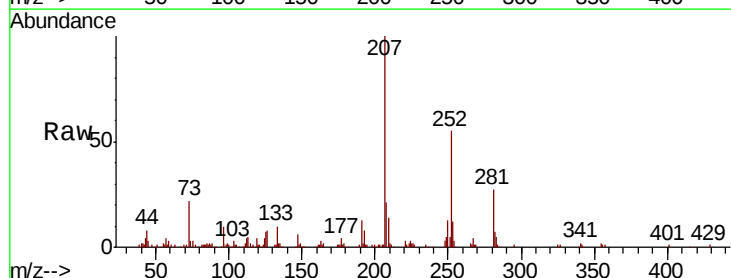
Tgt Ion:252 Resp: 101622

Ion Ratio Lower Upper

252 100

253 22.8 16.5 24.7

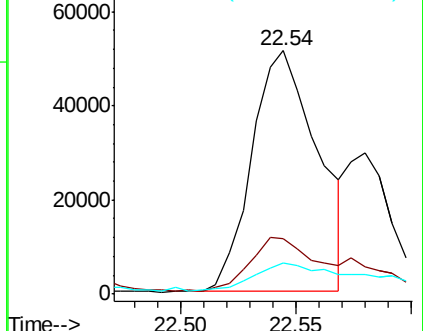
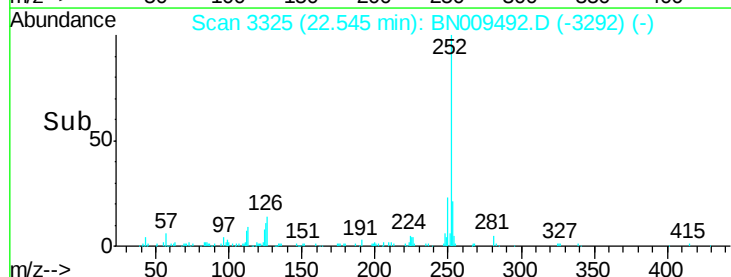
125 12.7 8.2 12.2#

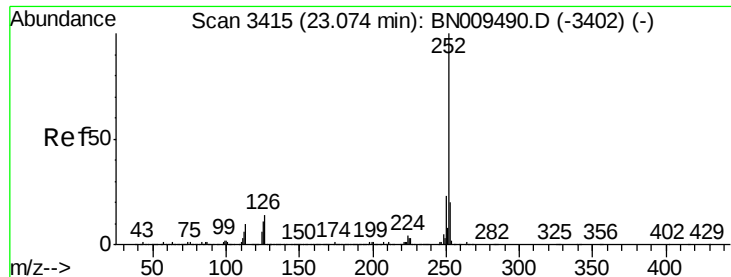


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 1.248 ng/ul

RT: 23.07 min Scan# 3415

Delta R.T. -0.01 min

Lab File: BN009492.D

Acq: 31 Jan 2020 02:15

Instrument :

BNA_N

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C5AP6

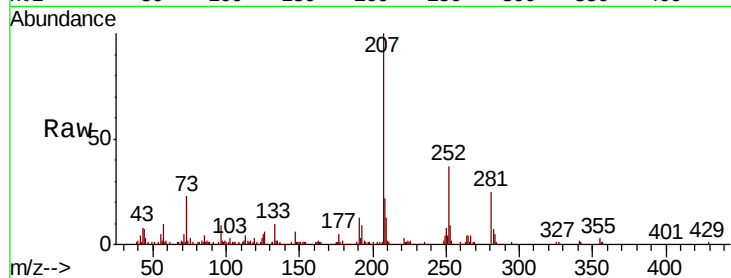
Tot Ion:252 Resp: 60167

Ion Ratio Lower Upper

252 100

253 24.9 18.0 27.0

125 13.1 9.8 14.6



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

