

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062119\
 Data File : BN006470.D
 Acq On : 21 Jun 2019 17:30
 Operator : HP/JU
 Sample : K3388-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4214

Quant Time: Jun 21 18:22:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 06:31:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	304218	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1373590	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	793357	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1739809	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1177501	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	1158121	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	25787	3.31	ng/uL	0.00
5) Phenol-d5	6.80	99	466599	14.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	321225	16.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	371371	15.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	318751	12.40	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	184330	16.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	201707	16.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	359892	15.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	172444	6.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1184607	17.04	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1436211	16.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	108748	9.15	ng/ul	0.00
57) Fluorene-d10	15.28	176	1050056	17.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	55762	5.06	ng/ul	0.00
70) Anthracene-d10	17.13	188	1541642	17.60	ng/ul	0.00
78) Pyrene-d10	19.45	212	1504789	21.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1144529	17.50	ng/ul	0.01

Target Compounds

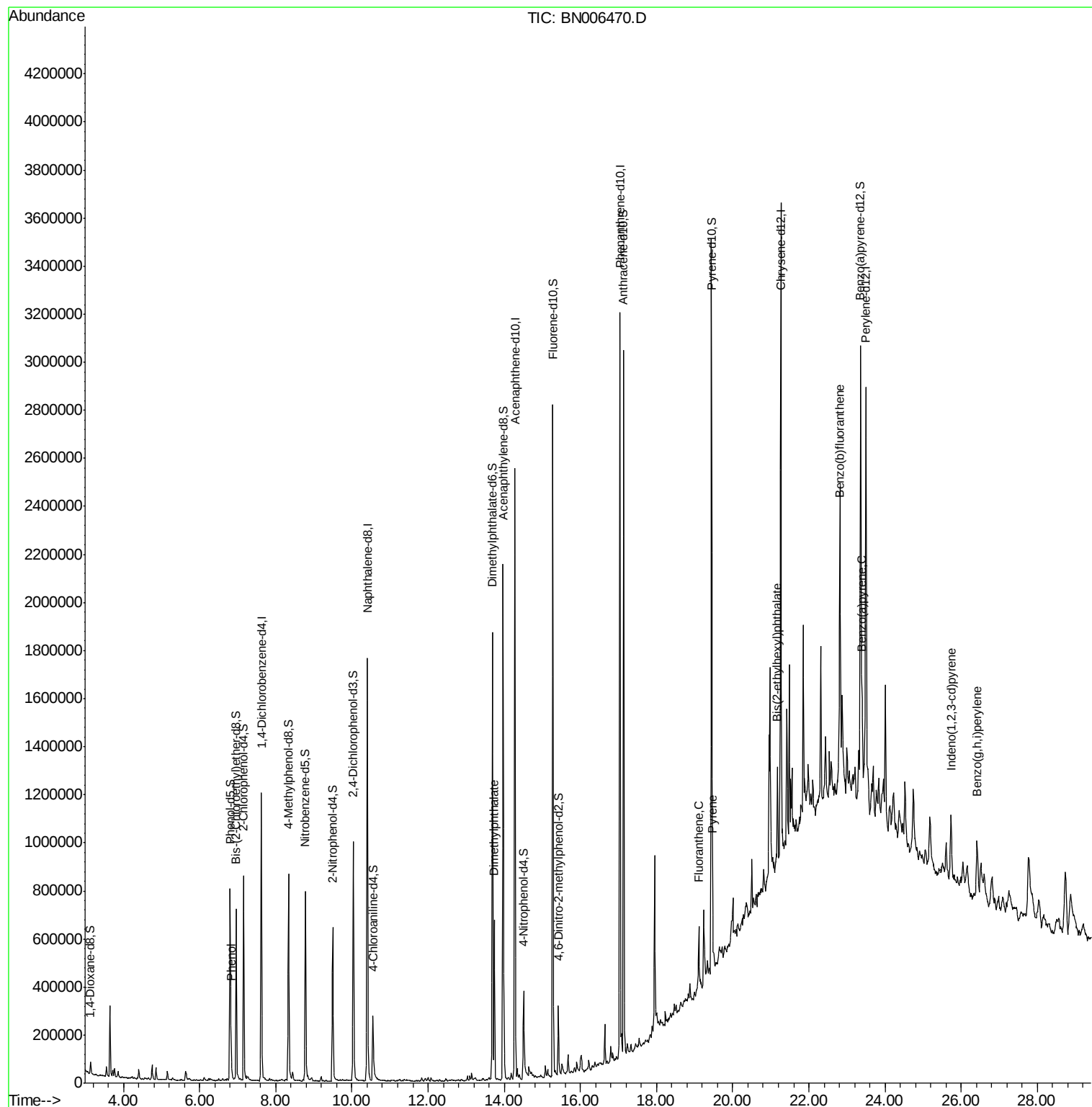
					Qvalue
6) Phenol	6.83	94	40244	1.289 ng/ul	93
44) Dimethylphthalate	13.74	163	387906	6.051 ng/ul	100
76) Fluoranthene	19.11	202	125391	1.212 ng/ul	98
79) Pyrene	19.47	202	141006	1.759 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	125709	2.439 ng/ul	98
87) Benzo(b)fluoranthene	22.83	252	268837	3.868 ng/ul#	87
90) Benzo(a)pyrene	23.40	252	195937	2.940 ng/ul#	90
91) Indeno(1,2,3-cd)pyrene	25.73	276	253306	3.212 ng/ul	96
93) Benzo(g,h,i)perylene	26.42	276	281505	4.238 ng/ul	100

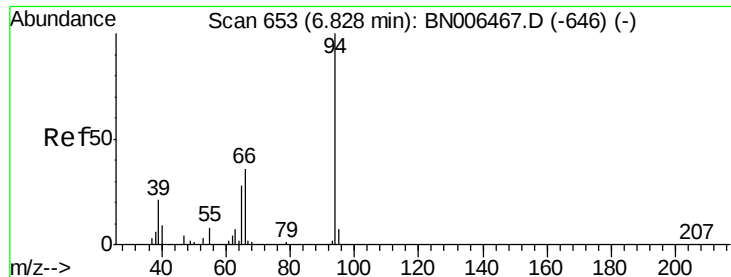
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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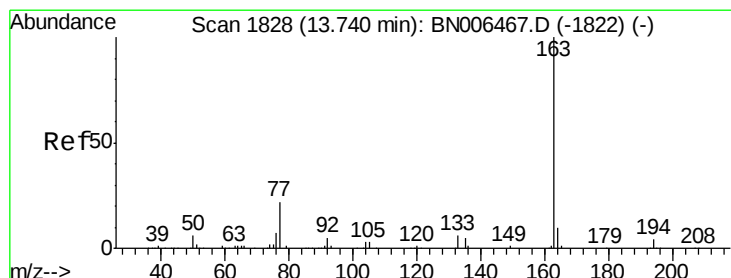
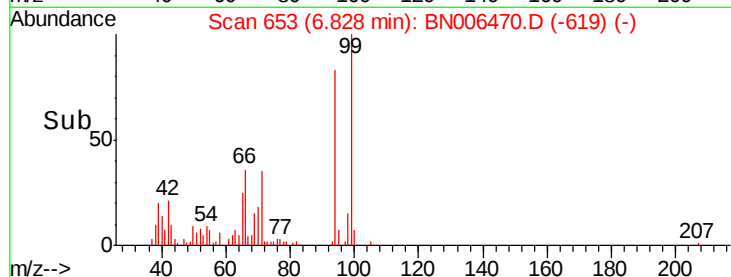
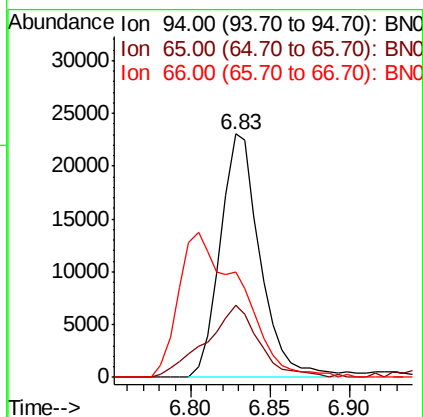
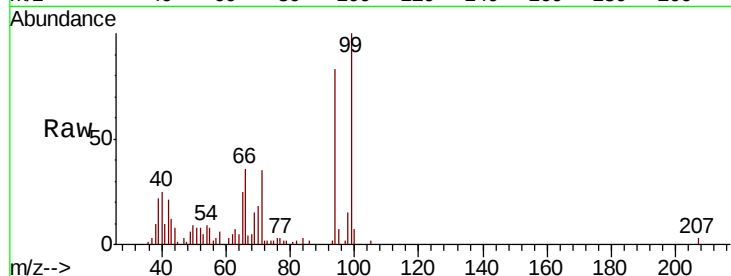
#6

Phenol

Concen: 1.289 ng/ul
 RT: 6.83 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BN006470.D
 Acq: 21 Jun 2019 17:30

Instrument :
 BNA_N
 ClientSampleId :
 A4214

Tgt Ion: 94 Resp: 40244
 Ion Ratio Lower Upper
 94 100
 65 29.7 22.5 33.7
 66 43.1 29.5 44.3

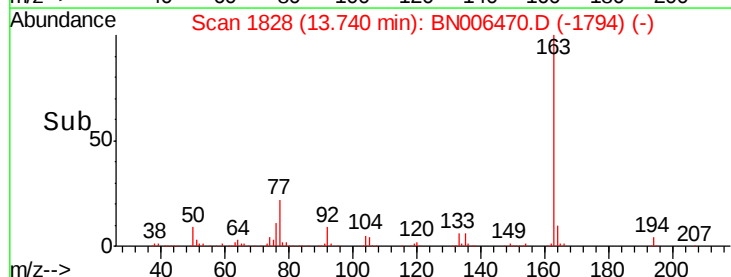
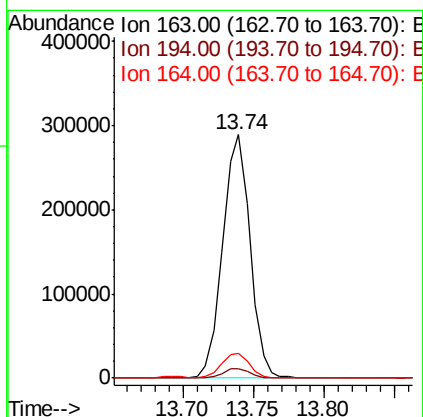
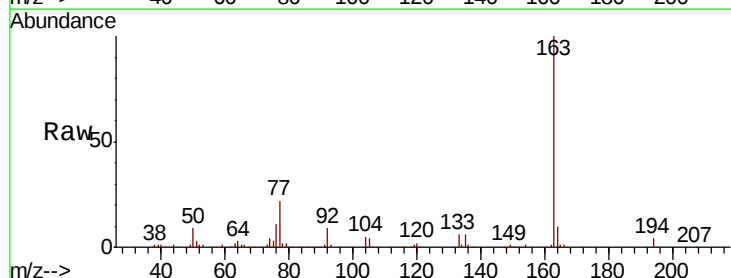


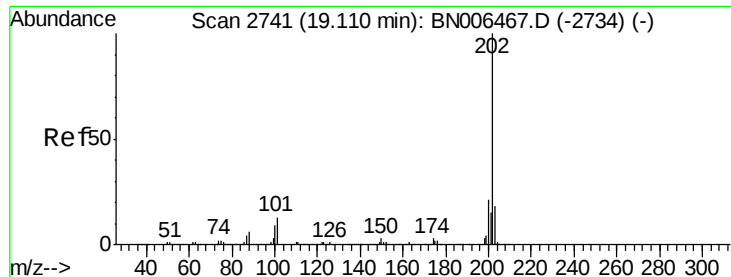
#44

Dimethylphthalate

Concen: 6.051 ng/ul
 RT: 13.74 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BN006470.D
 Acq: 21 Jun 2019 17:30

Tgt Ion: 163 Resp: 387906
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.4 5.0
 164 10.0 8.0 12.0

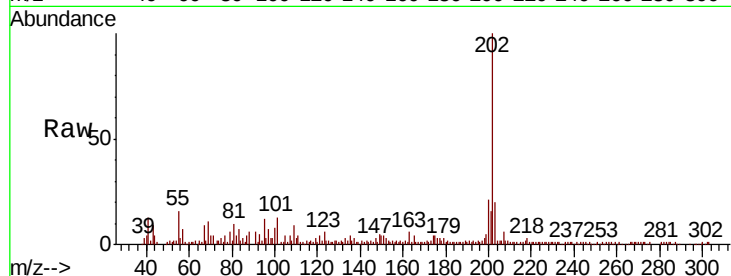




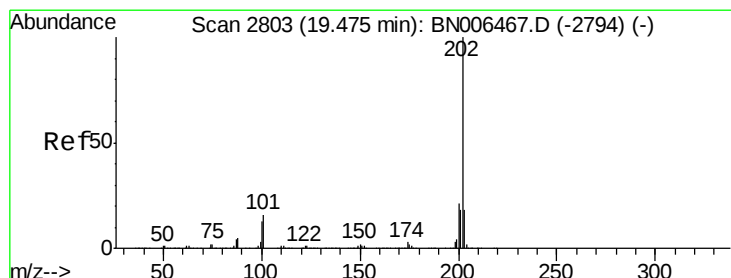
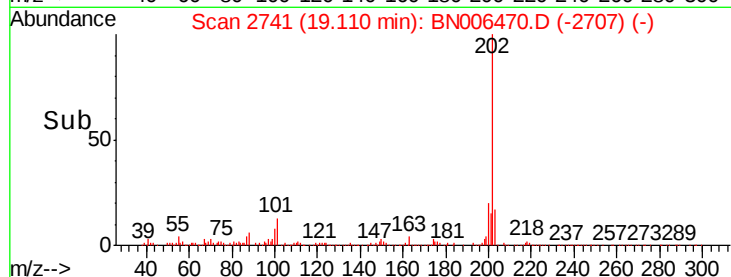
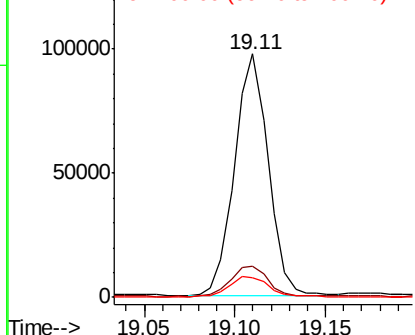
#76
Fluoranthene
Concen: 1.212 ng/ul
RT: 19.11 min Scan# 2741
Delta R.T. -0.00 min
Lab File: BN006470.D
Acq: 21 Jun 2019 17:30

Instrument :
BNA_N
ClientSampleId :
A4214

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.5	15.7
100	8.3	7.6	11.4

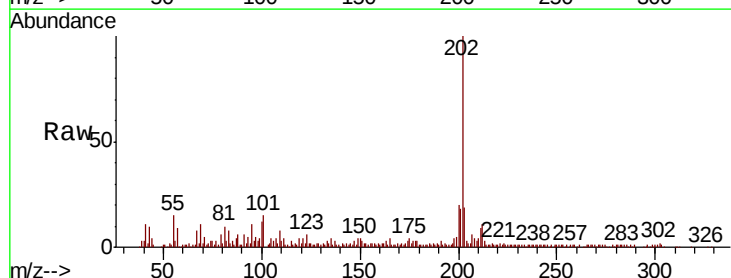


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

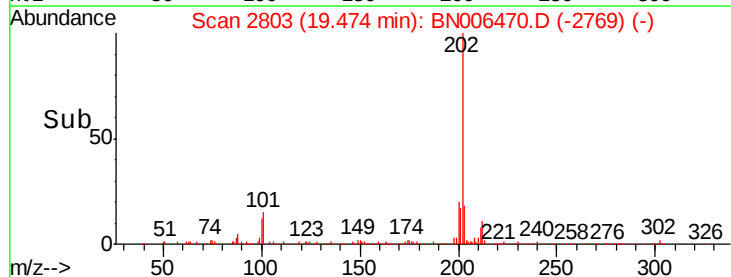
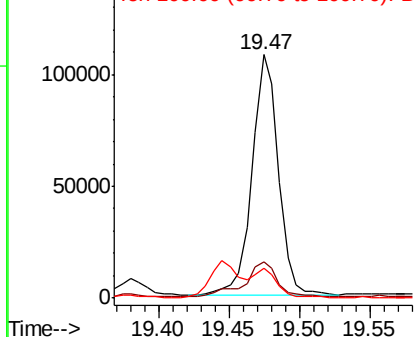


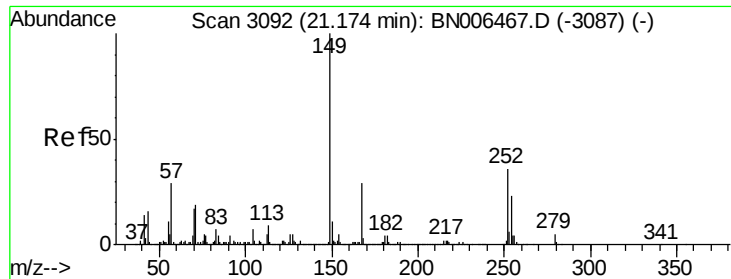
#79
Pyrene
Concen: 1.759 ng/ul
RT: 19.47 min Scan# 2803
Delta R.T. -0.00 min
Lab File: BN006470.D
Acq: 21 Jun 2019 17:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.0	12.2	18.4
100	12.2	9.8	14.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.439 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. 0.01 min

Lab File: BN006470.D

Acq: 21 Jun 2019 17:30

Instrument :

BNA_N

ClientSampleId :

A4214

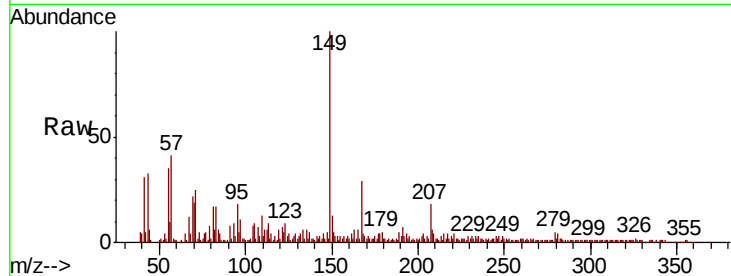
Tgt Ion:149 Resp: 125709

Ion Ratio Lower Upper

149 100

167 28.8 22.2 33.4

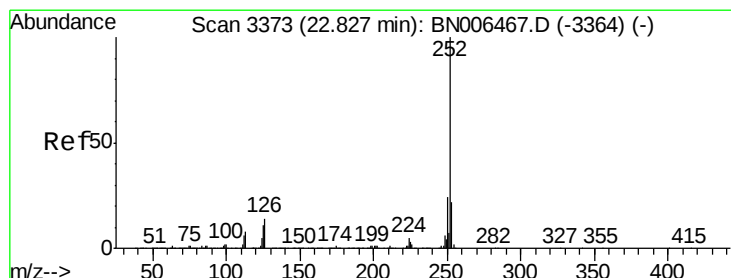
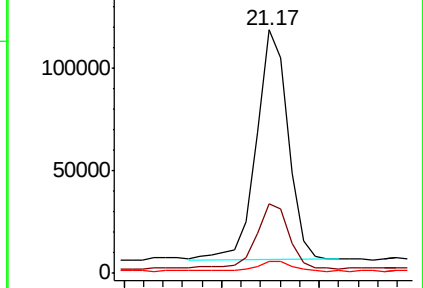
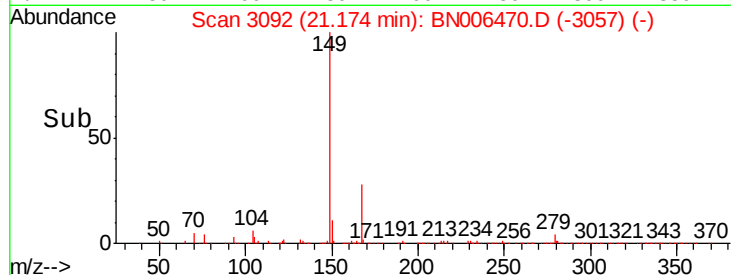
279 4.9 3.3 4.9



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

Benzo(b)fluoranthene

Concen: 3.868 ng/ul

RT: 22.83 min Scan# 3373

Delta R.T. 0.01 min

Lab File: BN006470.D

Acq: 21 Jun 2019 17:30

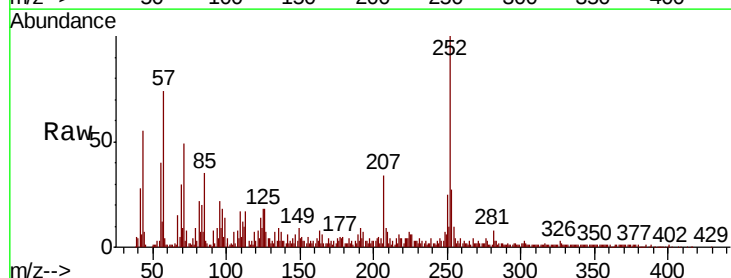
Tgt Ion:252 Resp: 268837

Ion Ratio Lower Upper

252 100

253 27.0 17.7 26.5#

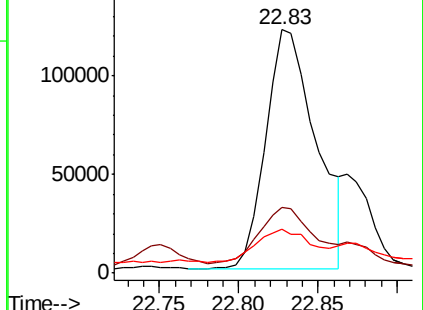
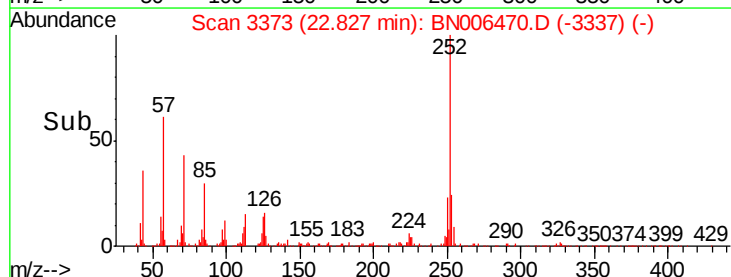
125 18.3 9.0 13.6#

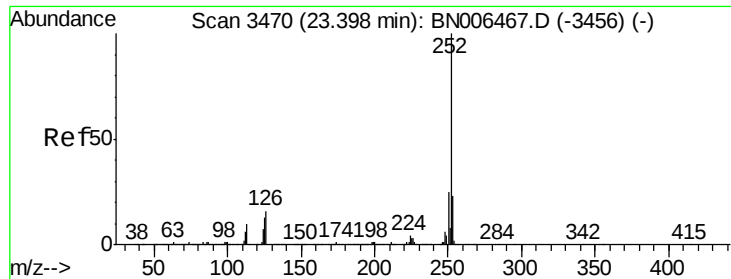


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 2.940 ng/ul

RT: 23.40 min Scan# 3471

Delta R.T. 0.02 min

Lab File: BN006470.D

Acq: 21 Jun 2019 17:30

Instrument :

BNA_N

ClientSampleId :

A4214

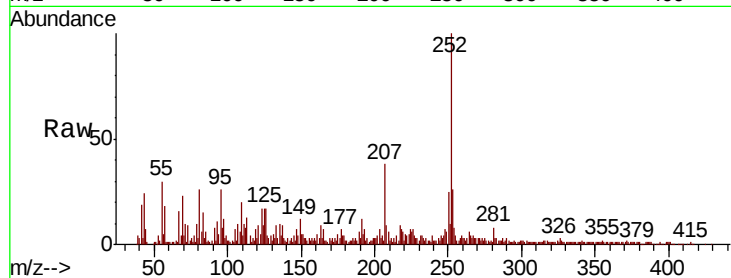
Tgt Ion: 252 Resp: 195937

Ion Ratio Lower Upper

252 100

253 26.3 17.7 26.5

125 17.4 10.0 15.0#

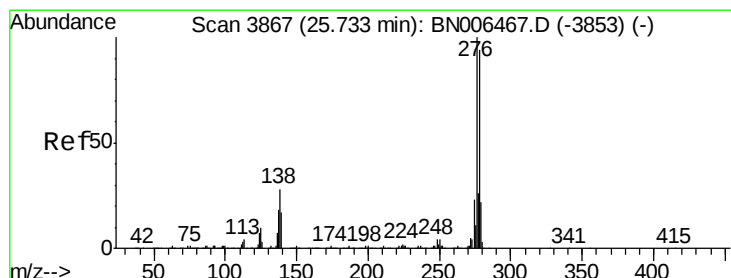
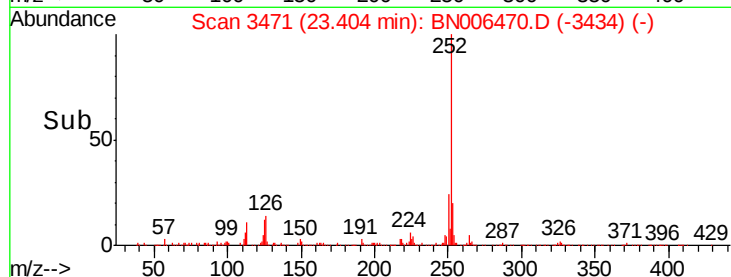
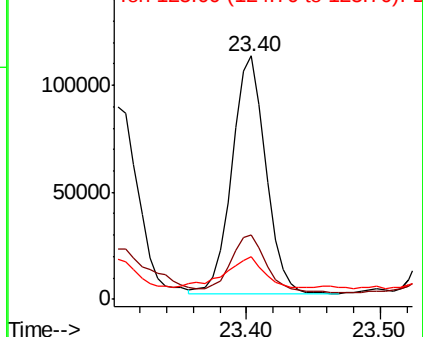


Abundance

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

Indeno(1,2,3-cd)pyrene

Concen: 3.212 ng/ul

RT: 25.73 min Scan# 3867

Delta R.T. 0.01 min

Lab File: BN006470.D

Acq: 21 Jun 2019 17:30

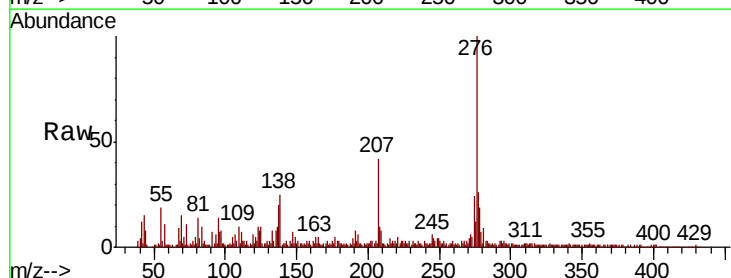
Tgt Ion: 276 Resp: 253306

Ion Ratio Lower Upper

276 100

138 24.8 22.2 33.4

277 26.0 20.2 30.4

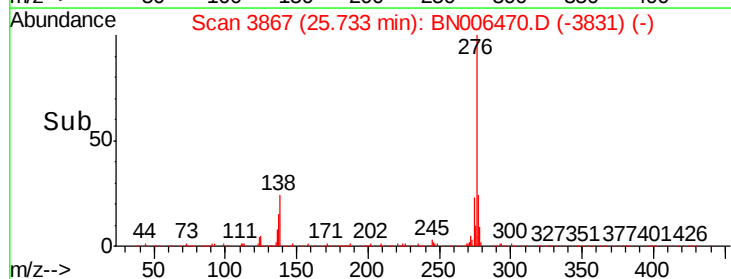
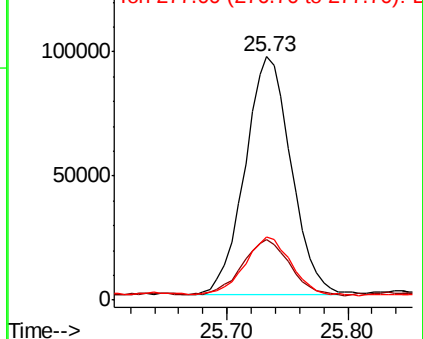


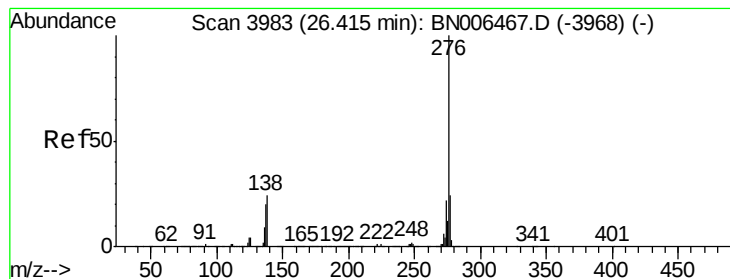
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(g,h,i)perylene

Concen: 4.238 ng/ul

RT: 26.42 min Scan# 3983

Delta R.T. 0.01 min

Lab File: BN006470.D

Acq: 21 Jun 2019 17:30

Instrument :

BNA_N

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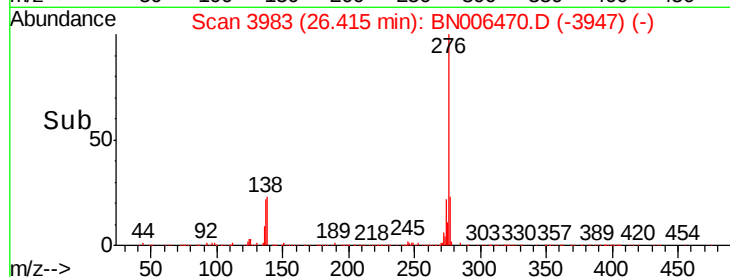
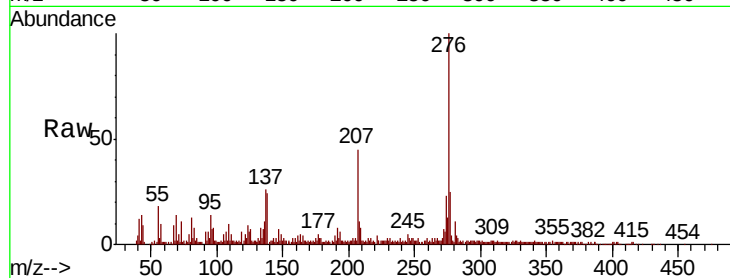
Tgt Ion: 276 Resp: 281505

Ion Ratio Lower Upper

276 100

138 24.0 19.1 28.7

277 24.5 19.4 29.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

