

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062619\
 Data File : BN006591.D
 Acq On : 26 Jun 2019 22:47
 Operator : HP/JU
 Sample : K3498-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5AB6

Quant Time: Jun 27 02:06:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 26 18:22:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	176817	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	860609	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	531530	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1197986	20.00	ng/ul	-0.01
77) Chrysene-d12	21.54	240	1065	20.00	ng/ul	0.09
85) Perylene-d12	23.95	264	1893	20.00	ng/ul	0.09

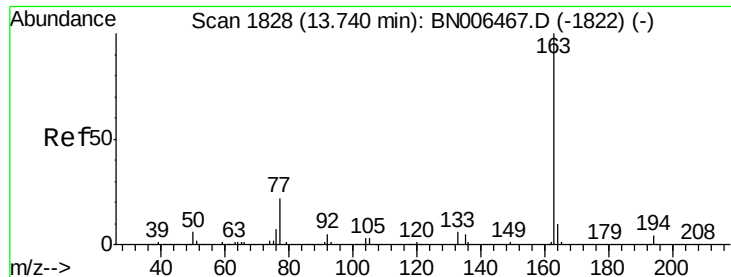
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	21445	4.74	ng/uL	0.00
5) Phenol-d5	6.80	99	411932	21.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	278778	23.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	322025	23.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	275890	18.47	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	173928	25.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	196966	26.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	335264	23.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	364035	21.95	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1184734	25.43	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	1381354	24.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	152266	19.13	ng/ul	0.00
57) Fluorene-d10	15.27	176	1009750	25.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	130125	17.16	ng/ul	0.00
70) Anthracene-d10	17.13	188	1577555	26.16	ng/ul	-0.01
78) Pyrene-d10	19.44	212	1828039	29385.58	ng/ul	-0.03
89) Benzo(a)pyrene-d12	23.79	264	472	4.41	ng/ul	0.07

Target Compounds

					Qvalue	
44) Dimethylphthalate	13.73	163	277451	6.460	ng/ul	99
69) Phenanthrene	17.07	178	137388	2.079	ng/ul	99
76) Fluoranthene	19.10	202	463535	6.509	ng/ul	99
79) Pyrene	19.47	202	396665	5470.453	ng/ul	97
80) Butylbenzylphthalate	20.59	149	747	22.976	ng/ul#	75
81) 3,3'-Dichlorobenzidine	21.41	252	1192	52.937	ng/ul#	3
82) Benzo(a)anthracene	21.53	228	322	4.423	ng/ul#	1
83) Bis(2-ethylhexyl)phthalate	21.47	149	110	2.359	ng/ul#	93
84) Chrysene	21.56	228	200	2.887	ng/ul#	1
86) Di-n-octyl phthalate	22.46	149	709	5.829	ng/ul	100
87) Benzo(b)fluoranthene	23.38	252	218944	1927.148	ng/ul	98
88) Benzo(k)fluoranthene	23.38	252	218650	2013.716	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	26.39	276	118672	920.480	ng/ul	94
92) Dibenzo(a,h)anthracene	26.27	278	230	2.154	ng/ul#	1
93) Benzo(g,h,i)perylene	26.94	276	538	4.955	ng/ul#	1

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



#44

Dimethylphthalate

Concen: 6.460 ng/ul

RT: 13.73 min Scan# 1827

Delta R.T. 0.00 min

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Instrument :

BNA_N

ClientSampled :

C5AB6

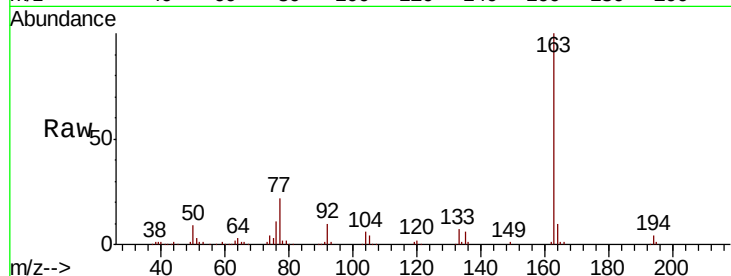
Tgt Ion:163 Resp: 277451

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

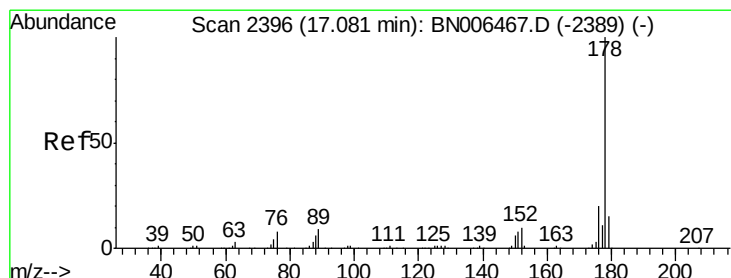
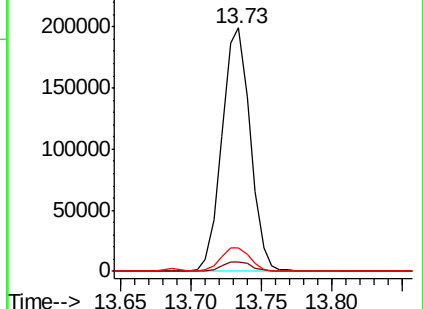
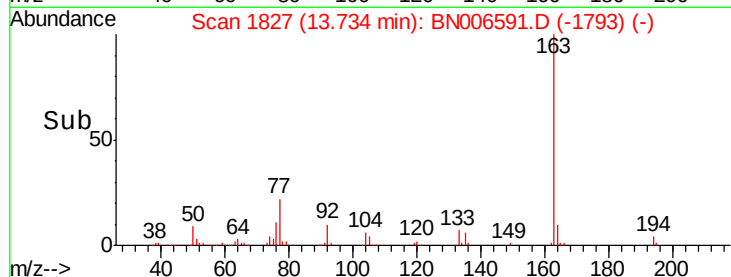
164 9.8 8.0 12.0



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: 2.079 ng/ul

RT: 17.07 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BN006591.D

Acq: 26 Jun 2019 22:47

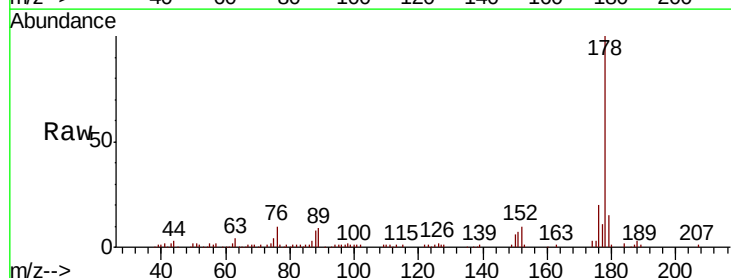
Tgt Ion:178 Resp: 137388

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

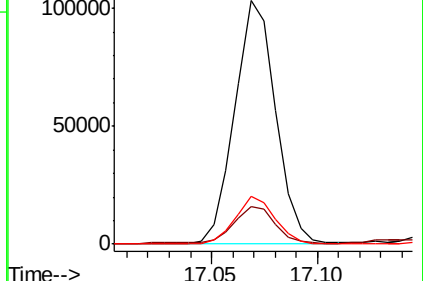
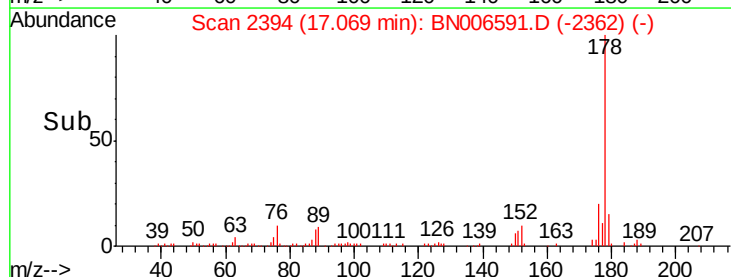
176 19.6 15.3 22.9

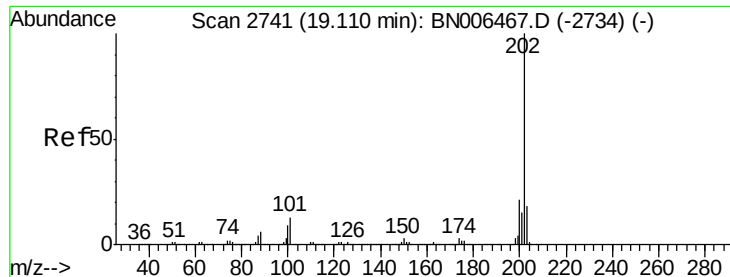


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 6.509 ng/ul

RT: 19.10 min Scan# 2739

Delta R.T. -0.02 min

Lab File: BN006591.D

Acq: 26 Jun 2019 22:47

Instrument :

BNA_N

ClientSampleId :

C5AB6

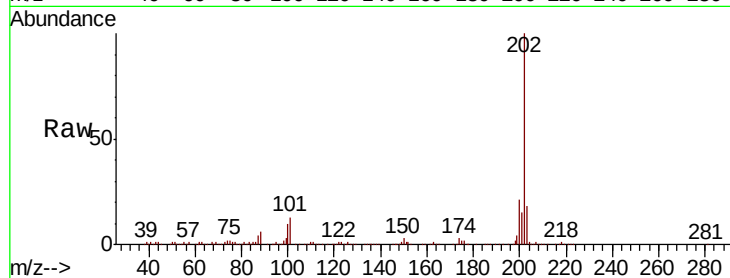
Tgt Ion:202 Resp: 463535

Ion Ratio Lower Upper

202 100

101 13.5 10.5 15.7

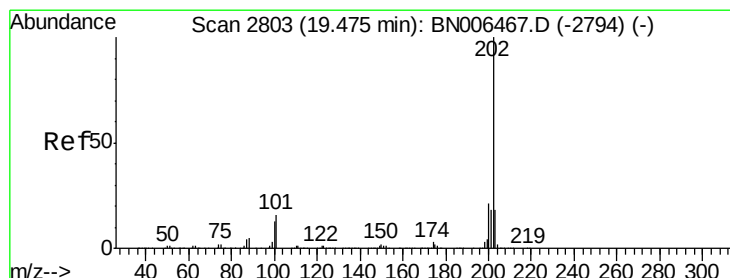
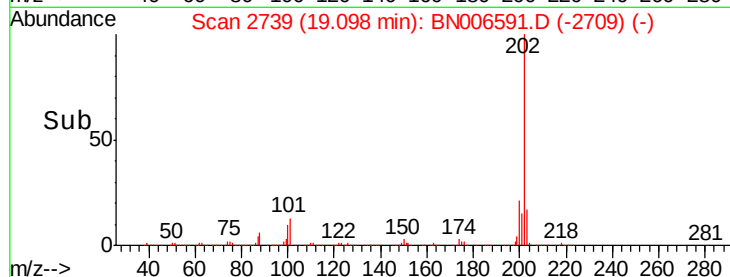
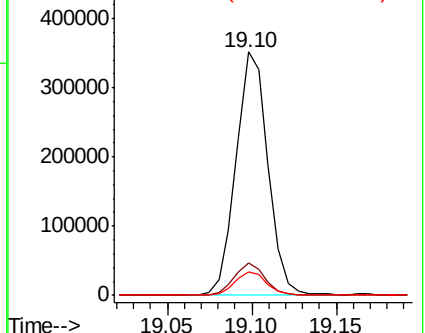
100 9.8 7.6 11.4



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: 5470.453 ng/ul

RT: 19.47 min Scan# 2802

Delta R.T. -0.04 min

Lab File: BN006591.D

Acq: 26 Jun 2019 22:47

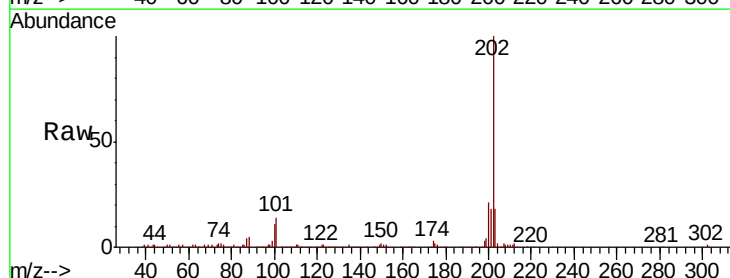
Tgt Ion:202 Resp: 396665

Ion Ratio Lower Upper

202 100

101 14.0 12.2 18.4

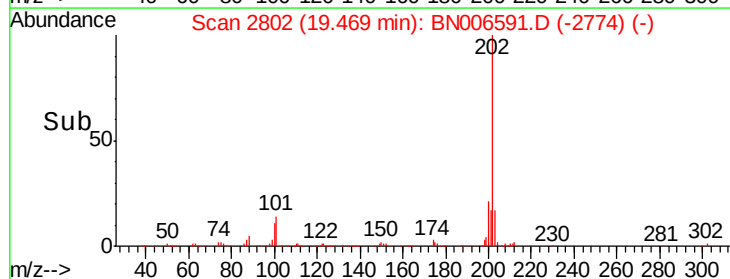
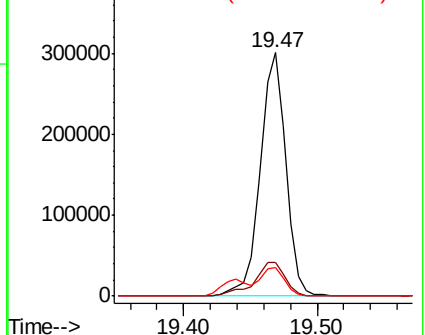
100 11.5 9.8 14.6

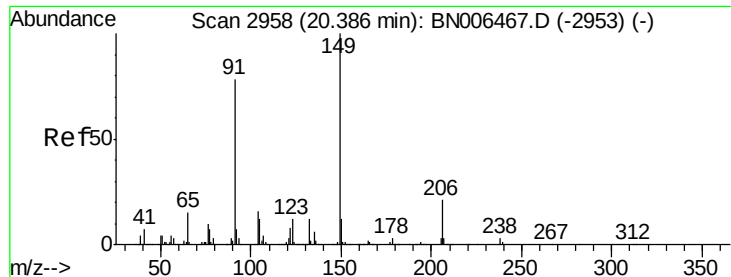


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Butylbenzylphthalate

Concen: 22.976 ng/ul

RT: 20.59 min Scan# 2992

Delta R.T. 0.11 min

Lab File: BN006591.D

Acq: 26 Jun 2019 22:47

Instrument :

BNA_N

ClientSampleId :

C5AB6

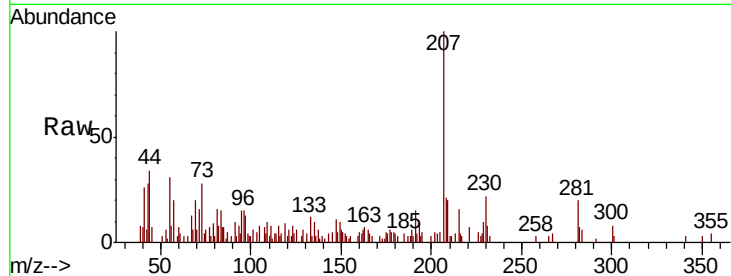
Tgt Ion:149 Resp: 747

Ion Ratio Lower Upper

149 100

91 95.6 62.7 94.1#

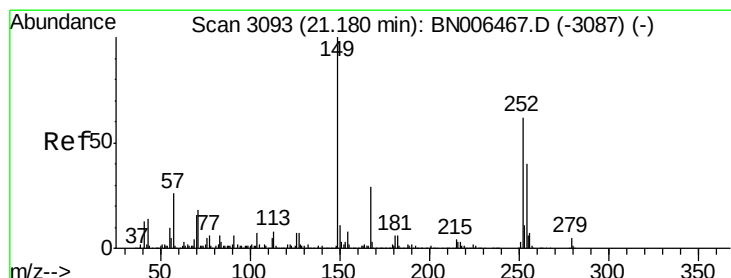
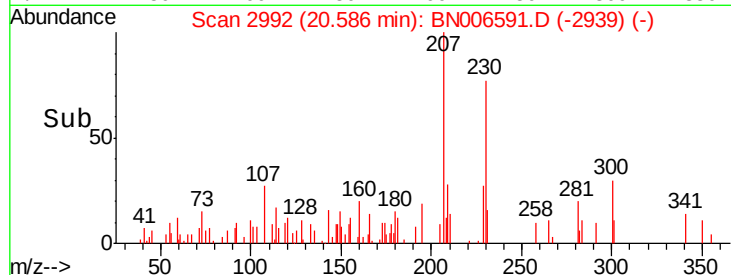
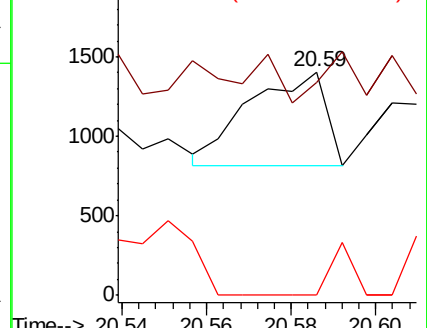
206 0.0 16.3 24.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BN0

Ion 206.00 (205.70 to 206.70): E



#81

3,3'-Dichlorobenzidine

Concen: 52.937 ng/ul

RT: 21.41 min Scan# 3132

Delta R.T. 0.05 min

Lab File: BN006591.D

Acq: 26 Jun 2019 22:47

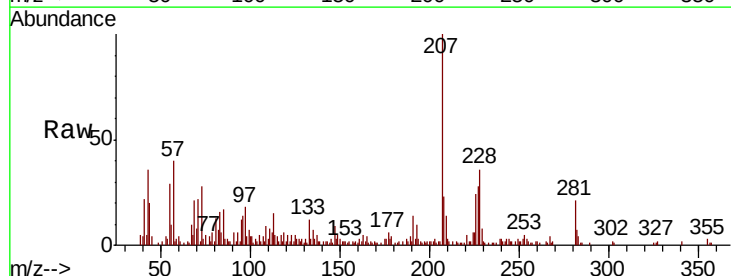
Tgt Ion:252 Resp: 1192

Ion Ratio Lower Upper

252 100

254 117.9 51.8 77.8#

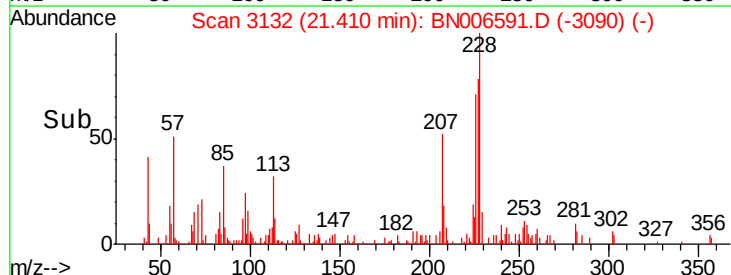
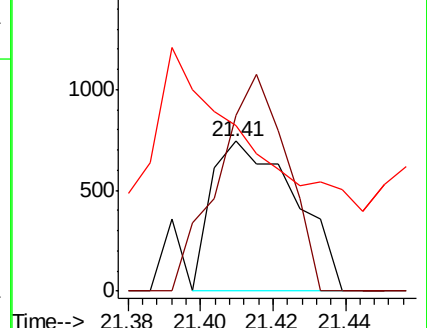
126 111.1 9.8 14.8#

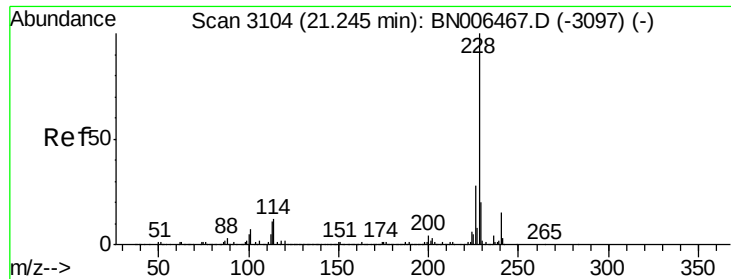


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Benzo(a)anthracene

Concen: 4.423 ng/ul

RT: 21.53 min Scan# 3153

Delta R.T. 0.10 min

Lab File: BN006591.D

Acq: 26 Jun 2019 22:47

Instrument :

BNA_N

ClientSampled :

C5AB6

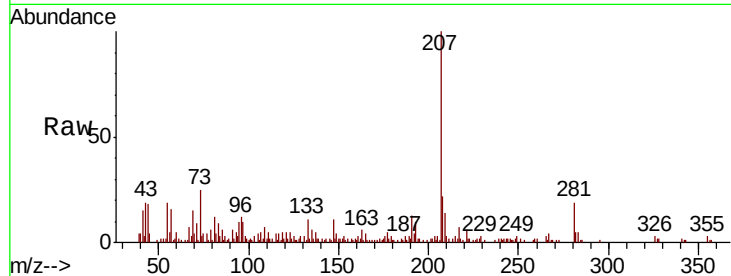
Tgt Ion:228 Resp: 322

Ion Ratio Lower Upper

228 100

229 187.5 15.6 23.4#

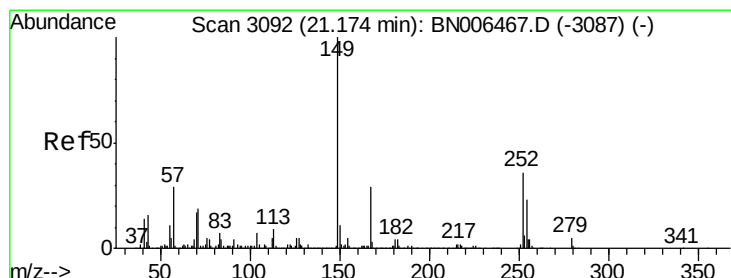
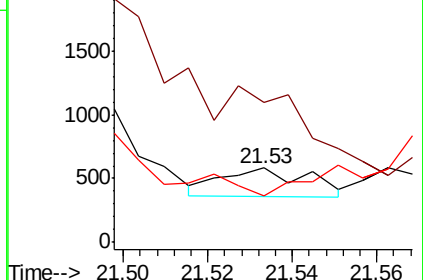
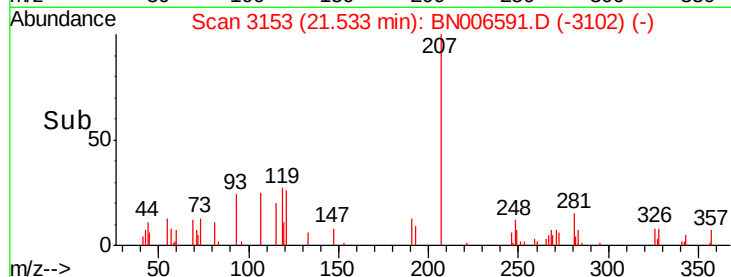
226 62.2 21.5 32.3#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.359 ng/ul

RT: 21.47 min Scan# 3142

Delta R.T. 0.10 min

Lab File: BN006591.D

Acq: 26 Jun 2019 22:47

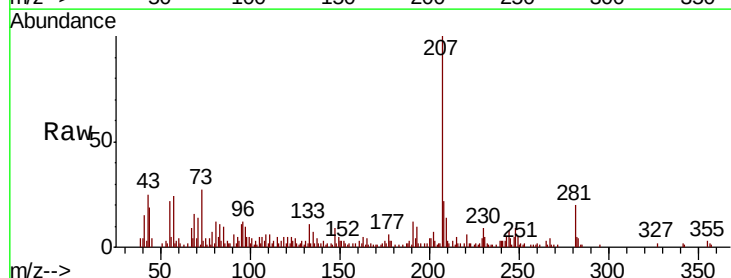
Tgt Ion:149 Resp: 110

Ion Ratio Lower Upper

149 100

167 31.1 22.2 33.4

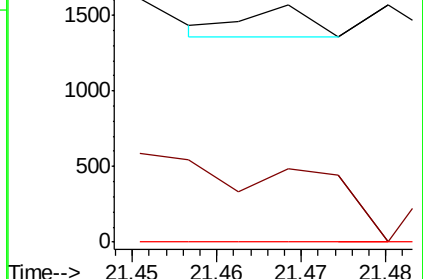
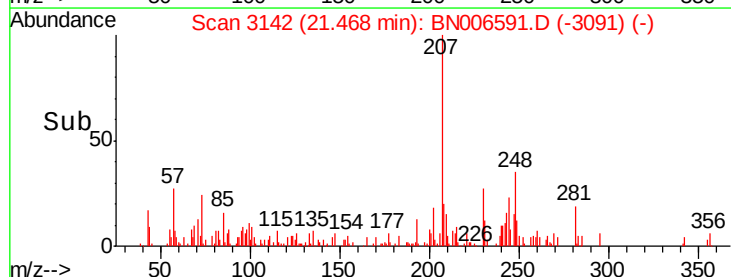
279 0.0 3.3 4.9#

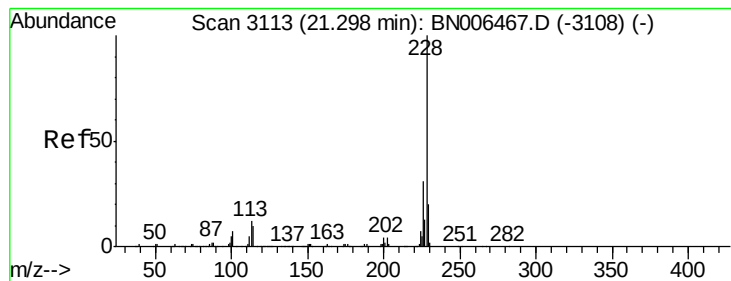


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 2.887 ng/ul

RT: 21.56 min Scan# 3158

Delta R.T. 0.07 min

Lab File: BN006591.D

Acq: 26 Jun 2019 22:47

Instrument :

BNA_N

ClientSampleId :

C5AB6

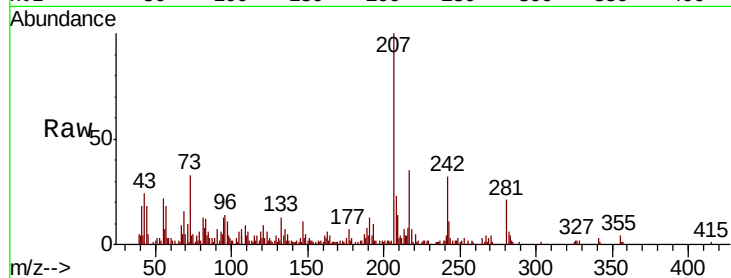
Tgt Ion:228 Resp: 200

Ion Ratio Lower Upper

228 100

226 97.3 24.2 36.2#

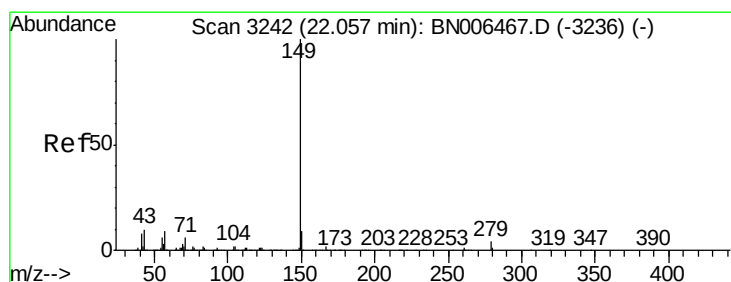
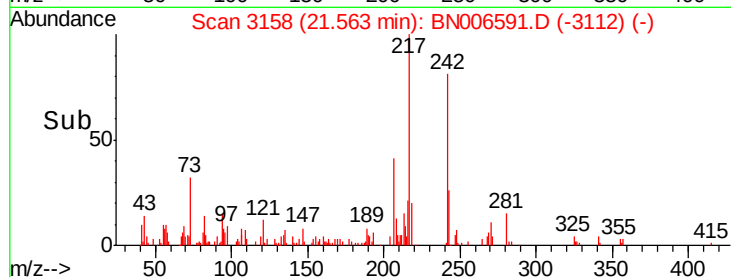
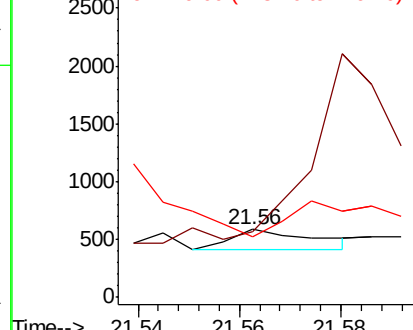
229 89.6 15.9 23.9#



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



#86

Di-n-octyl phthalate

Concen: 5.829 ng/ul

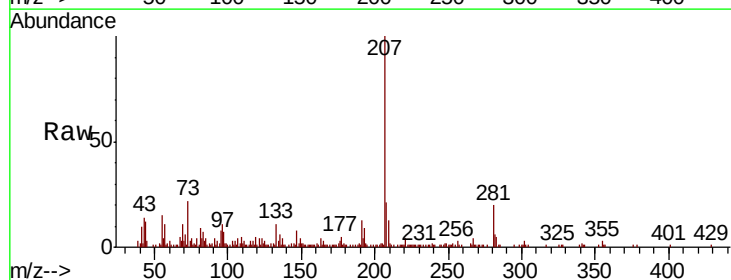
RT: 22.46 min Scan# 3311

Delta R.T. 0.08 min

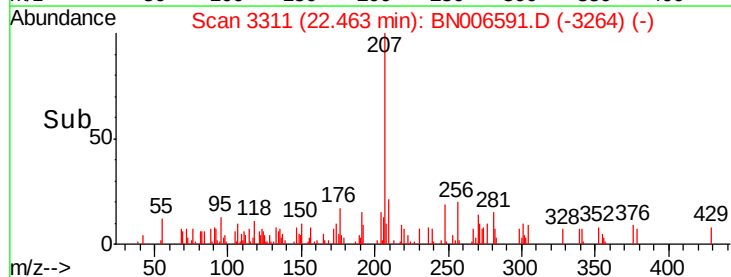
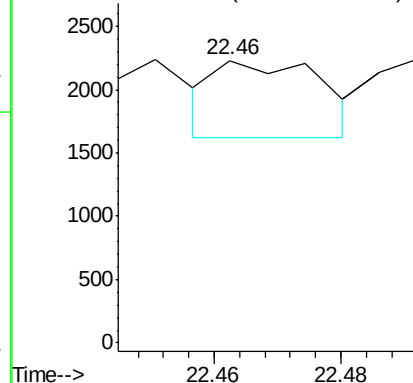
Lab File: BN006591.D

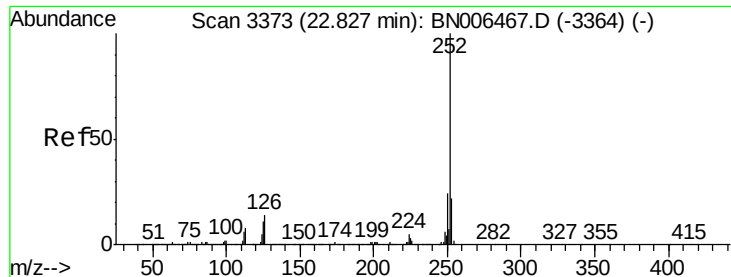
Acq: 26 Jun 2019 22:47

Tgt Ion:149 Resp: 709



Abundance Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 1927.148 ng/ul

RT: 23.38 min Scan# 3467

Delta R.T. 0.21 min

Lab File: BN006591.D

Acq: 26 Jun 2019 22:47

Instrument :

BNA_N

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C5AB6

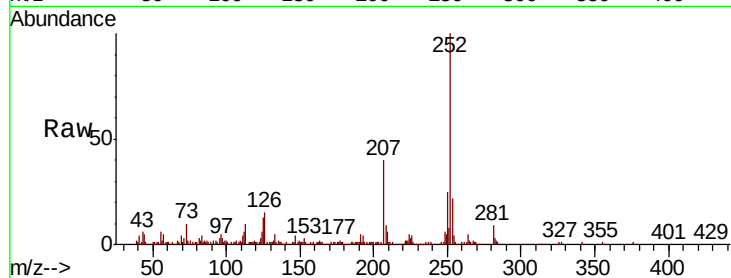
Tgt Ion:252 Resp: 218944

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

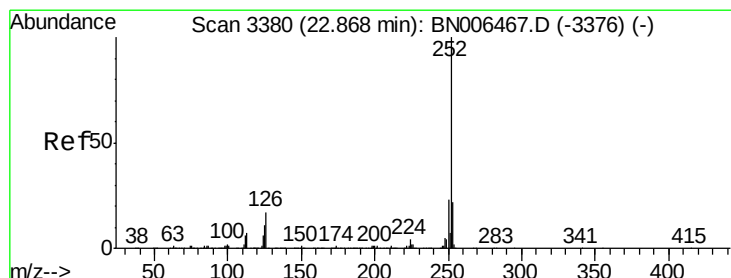
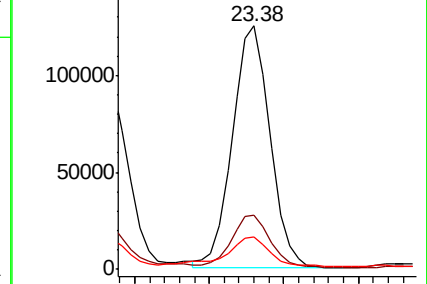
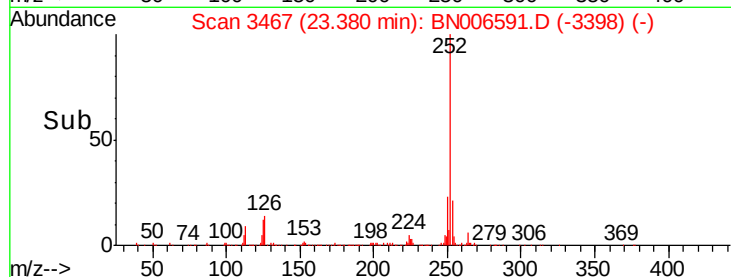
125 13.5 9.0 13.6



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



#88

Benzo(k)fluoranthene

Concen: 2013.716 ng/ul

RT: 23.38 min Scan# 3467

Delta R.T. 0.16 min

Lab File: BN006591.D

Acq: 26 Jun 2019 22:47

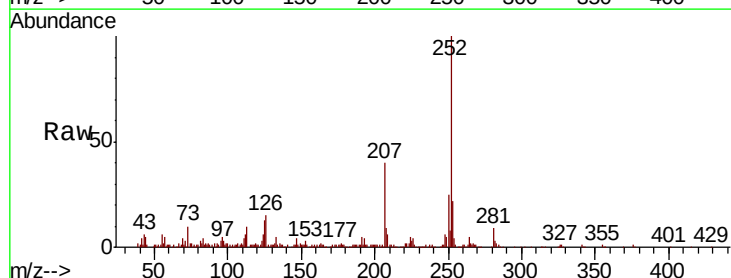
Tgt Ion:252 Resp: 218650

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

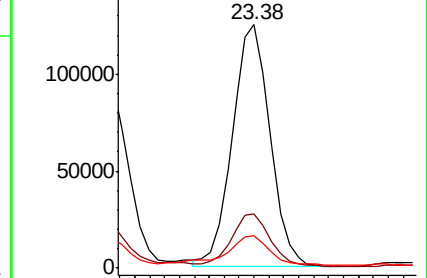
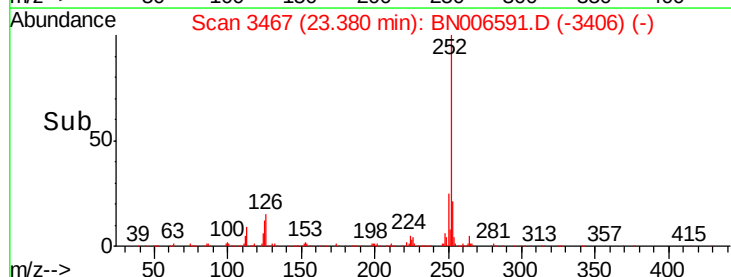
125 13.5 9.1 13.7

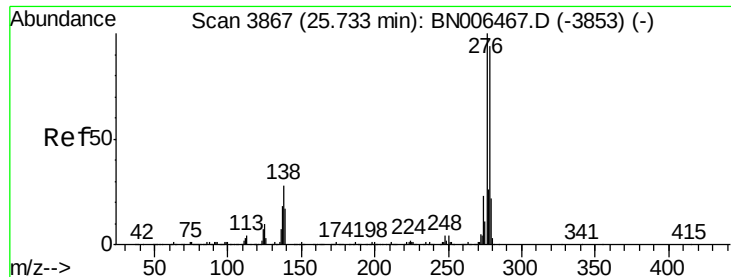


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



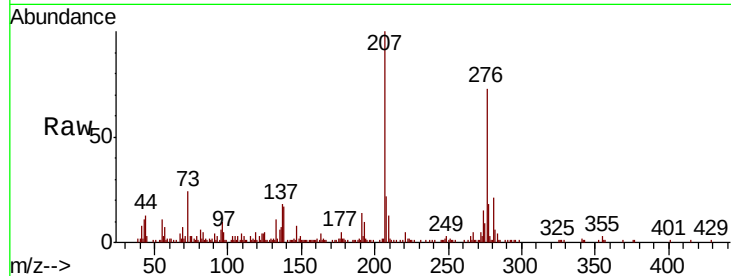


#91

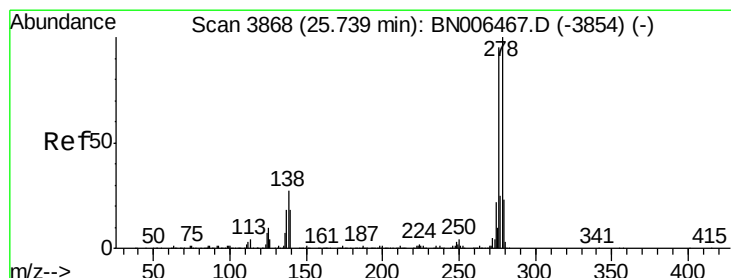
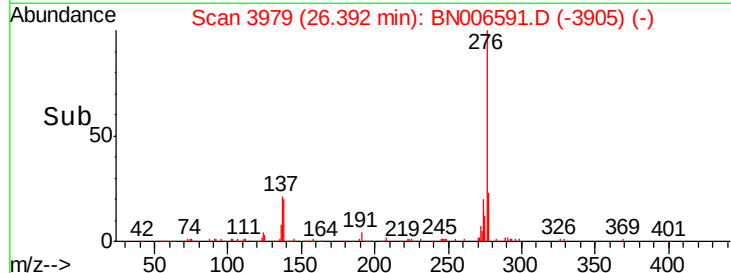
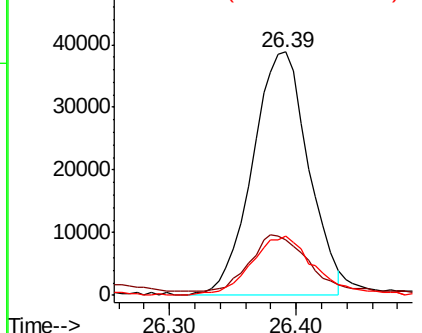
Indeno(1,2,3-cd)pyrene
Concen: 920.480 ng/ul
RT: 26.39 min Scan# 3979
Delta R.T. 0.24 min
Lab File: BN006591.D
Acq: 26 Jun 2019 22:47

Instrument :
BNA_N
ClientSampled :
C5AB6

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.9	22.2	33.4
277	24.4	20.2	30.4



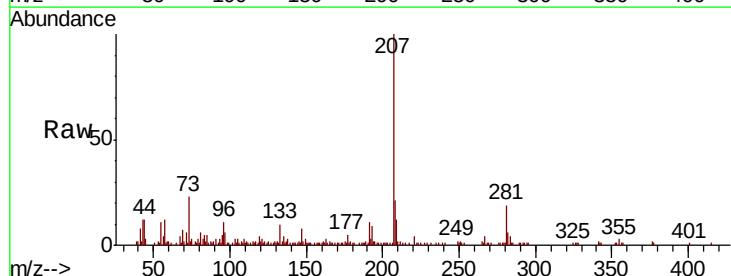
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



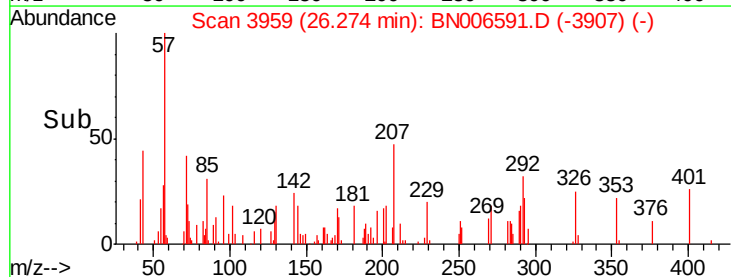
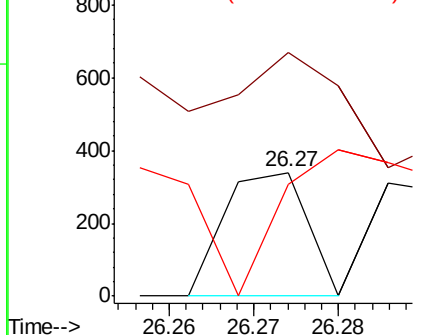
#92

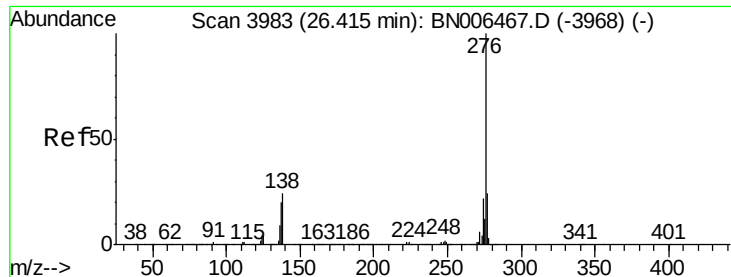
Dibenzo(a,h)anthracene
Concen: 2.154 ng/ul
RT: 26.27 min Scan# 3959
Delta R.T. 0.11 min
Lab File: BN006591.D
Acq: 26 Jun 2019 22:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	197.3	14.2	21.4#
279	91.2	18.8	28.2#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#93

Benzo(g,h,i)perylene

Concen: 4.955 ng/ul

RT: 26.94 min Scan# 4073

Delta R.T. 0.09 min

Lab File: BN006591.D

Acq: 26 Jun 2019 22:47

Instrument :

BNA_N

ClientSampleId :

C5AB6

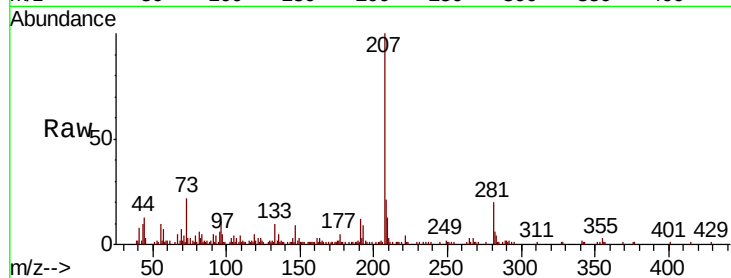
Tgt Ion:276 Resp: 538

Ion Ratio Lower Upper

276 100

138 141.2 19.1 28.7#

277 0.0 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

