

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062119\
 Data File : BN006469.D
 Acq On : 21 Jun 2019 16:56
 Operator : HP/JU
 Sample : K3388-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4219

Quant Time: Jun 21 17:38:29 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	273984	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1245864	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	721522	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1596603	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1223055	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	1141757	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	27532	3.93	ng/uL	0.00
5) Phenol-d5	6.80	99	515841	17.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	351896	19.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	406194	18.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	405345	17.52	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	200581	20.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	220749	20.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	387558	18.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	254875	10.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1287696	20.36	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1499389	19.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	147323	13.64	ng/ul	0.00
57) Fluorene-d10	15.28	176	1103095	20.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	111686	11.05	ng/ul	0.00
70) Anthracene-d10	17.13	188	1640957	20.41	ng/ul	0.00
78) Pyrene-d10	19.45	212	1713083	23.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1289520	20.00	ng/ul	0.01

Target Compounds

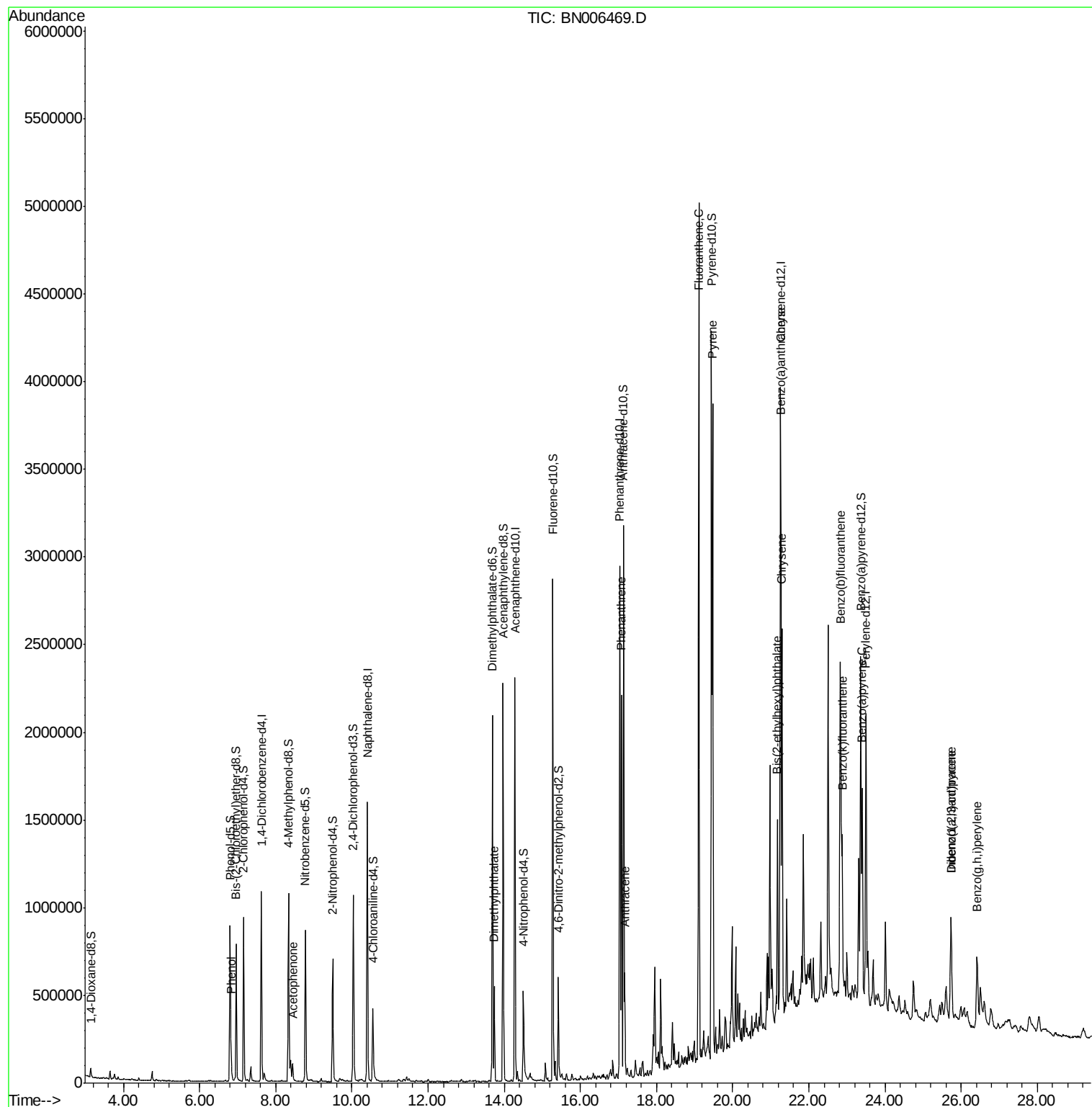
					Qvalue
6) Phenol	6.83	94	50542	1.797	ng/ul 92
14) Acetophenone	8.45	105	50489	1.520	ng/ul 99
44) Dimethylphthalate	13.74	163	324091	5.559	ng/ul 100
69) Phenanthrene	17.07	178	1246590	14.156	ng/ul 100
71) Anthracene	17.17	178	319664	3.576	ng/ul 99
76) Fluoranthene	19.11	202	2777044	29.261	ng/ul 99
79) Pyrene	19.47	202	2151538	25.838	ng/ul 99
82) Benzo(a)anthracene	21.25	228	1148660	13.740	ng/ul 99
83) Bis(2-ethylhexyl)phthalate	21.17	149	354343	6.618	ng/ul 99
84) Chrysene	21.30	228	1147971	14.429	ng/ul 98
87) Benzo(b)fluoranthene	22.83	252	1256442	18.336	ng/ul 98
88) Benzo(k)fluoranthene	22.87	252	391790	5.982	ng/ul 96
90) Benzo(a)pyrene	23.40	252	786028	11.963	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	25.73	276	511420	6.577	ng/ul 94
92) Dibenzo(a,h)anthracene	25.74	278	139326	2.164	ng/ul# 79
93) Benzo(g,h,i)perylene	26.42	276	445453	6.802	ng/ul 99

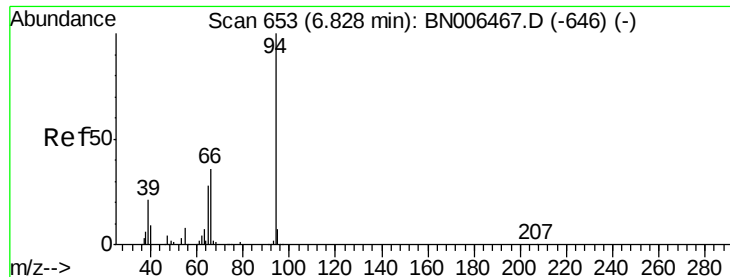
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.797 ng/ul

RT: 6.83 min Scan# 653

Delta R.T. 0.00 min

Lab File: BN006469.D

Acq: 21 Jun 2019 16:56

Instrument :

BNA_N

ClientSampled :

A4219

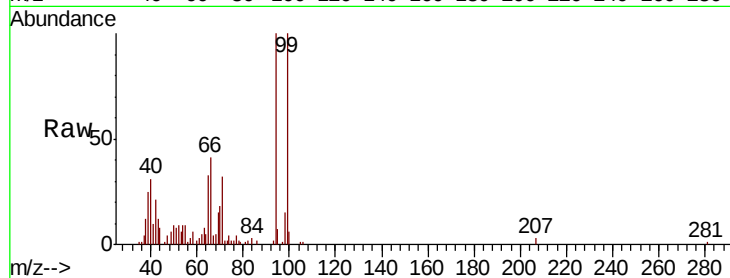
Tgt Ion: 94 Resp: 50542

Ion Ratio Lower Upper

94 100

65 33.2 22.5 33.7

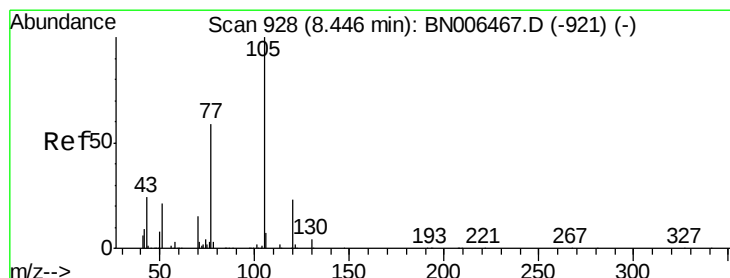
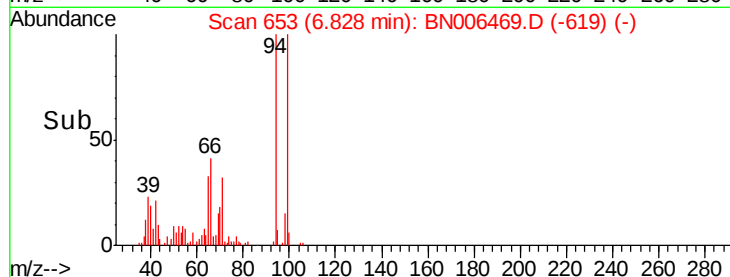
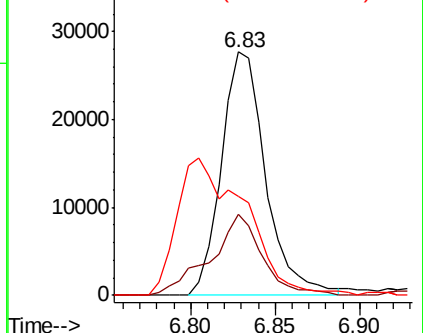
66 40.8 29.5 44.3



Abundance Ion 94.00 (93.70 to 94.70): BN006469.D (-619) (-)

Ion 65.00 (64.70 to 65.70): BN006469.D (-619) (-)

Ion 66.00 (65.70 to 66.70): BN006469.D (-619) (-)



#14

Acetophenone

Concen: 1.520 ng/ul

RT: 8.45 min Scan# 928

Delta R.T. 0.00 min

Lab File: BN006469.D

Acq: 21 Jun 2019 16:56

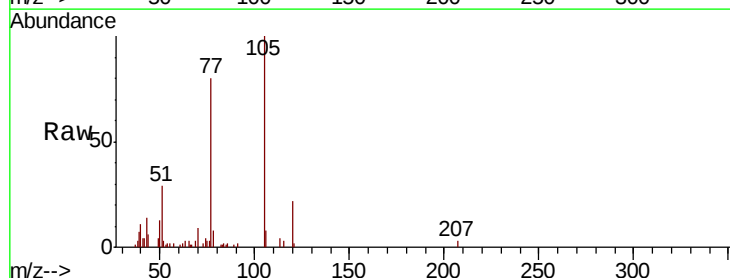
Tgt Ion: 105 Resp: 50489

Ion Ratio Lower Upper

105 100

77 79.7 64.1 96.1

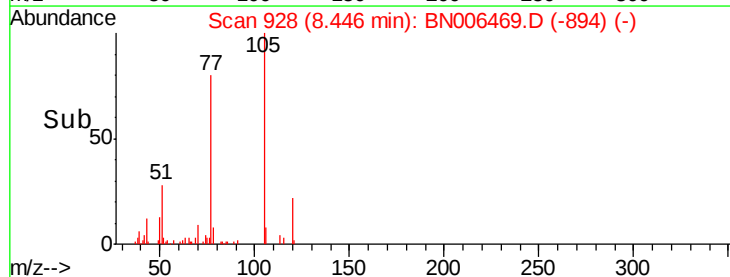
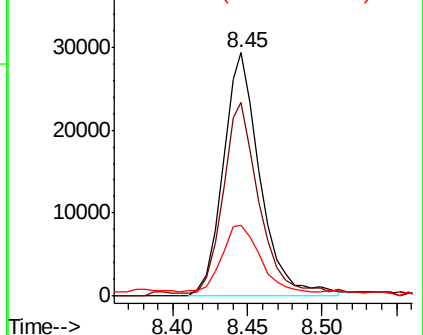
51 29.3 23.0 34.6

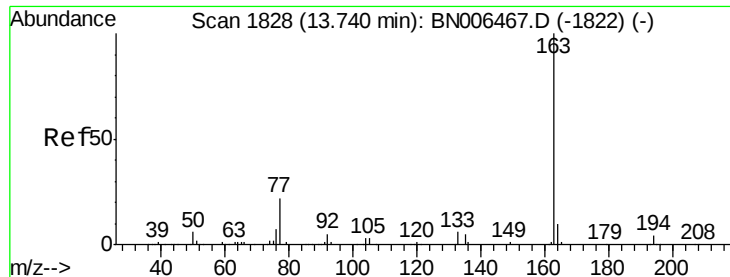


Abundance Ion 105.00 (104.70 to 105.70): BN006469.D (-894) (-)

Ion 77.00 (76.70 to 77.70): BN006469.D (-894) (-)

Ion 51.00 (50.70 to 51.70): BN006469.D (-894) (-)





#44

Dimethylphthalate

Concen: 5.559 ng/ul

RT: 13.74 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BN006469.D

Acq: 21 Jun 2019 16:56

Instrument :

BNA_N

ClientSampleId :

A4219

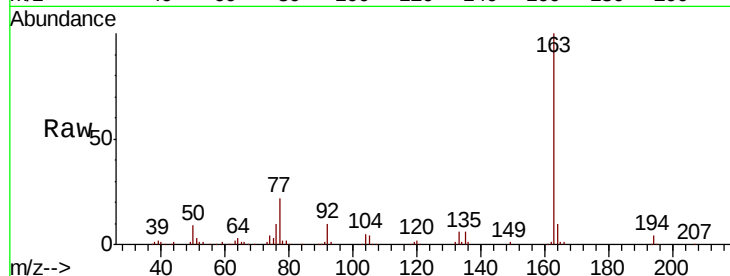
Tgt Ion:163 Resp: 324091

Ion Ratio Lower Upper

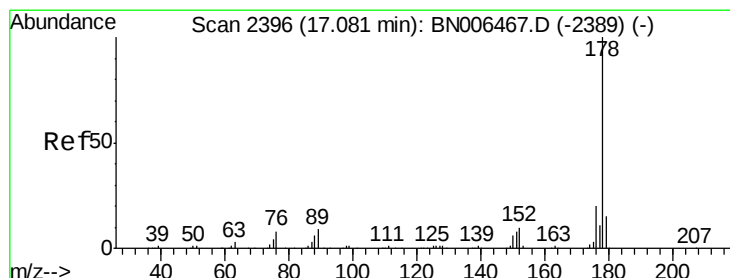
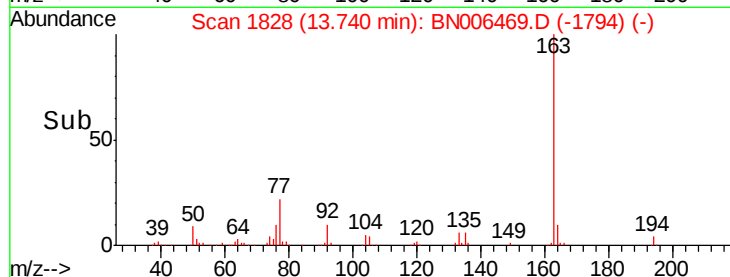
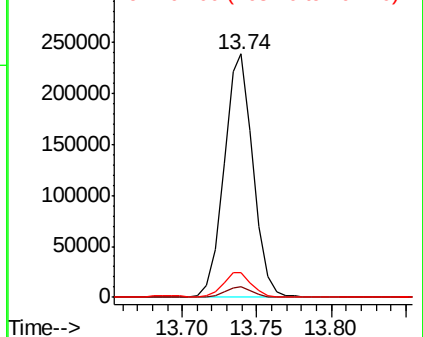
163 100

194 4.3 3.4 5.0

164 10.2 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: 14.156 ng/ul

RT: 17.07 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BN006469.D

Acq: 21 Jun 2019 16:56

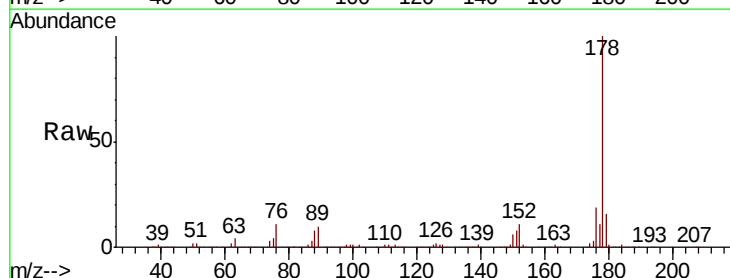
Tgt Ion:178 Resp: 1246590

Ion Ratio Lower Upper

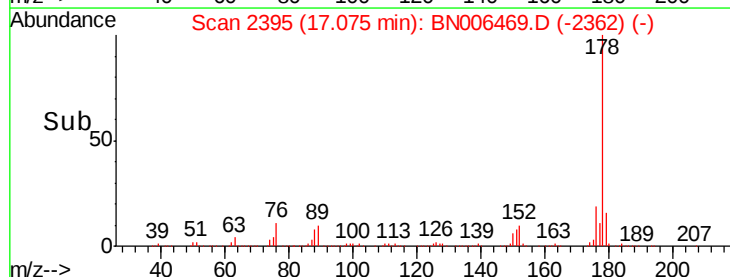
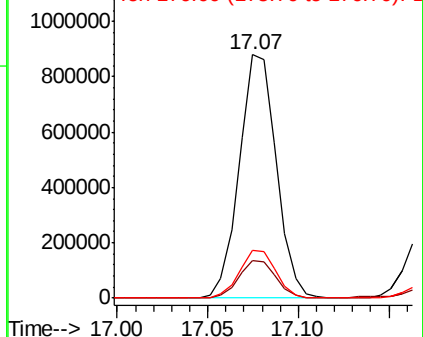
178 100

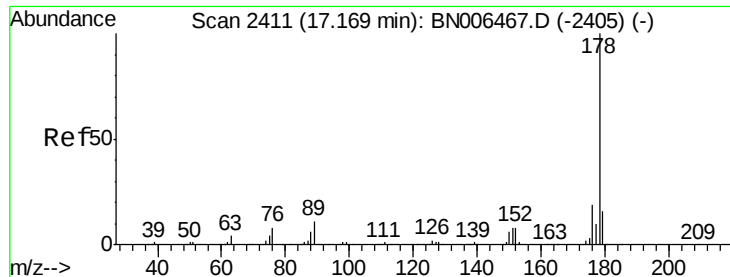
179 15.7 12.5 18.7

176 19.4 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

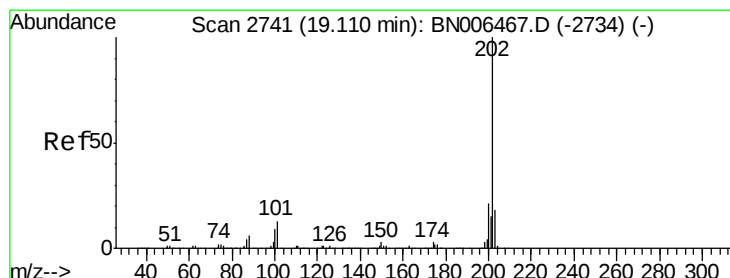
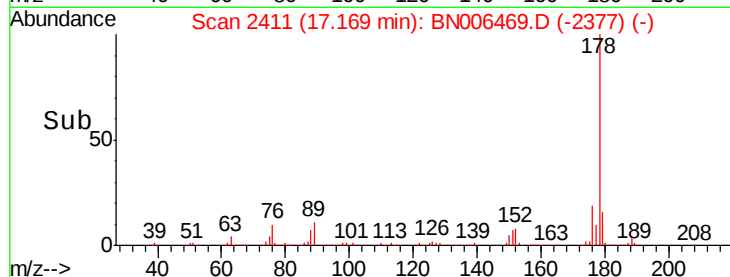
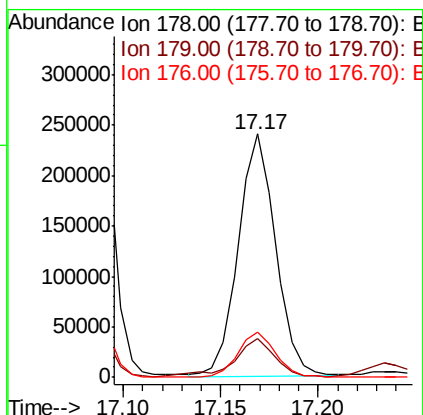
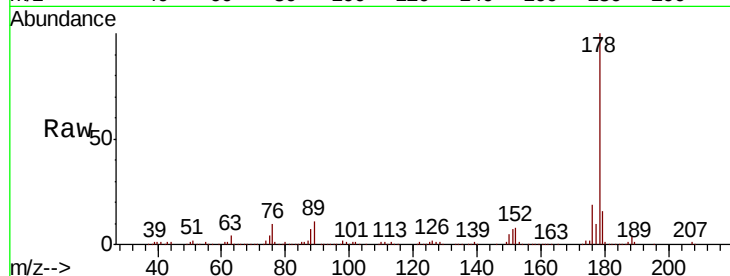




#71
 Anthracene
 Concen: 3.576 ng/ul
 RT: 17.17 min Scan# 2411
 Delta R.T. 0.00 min
 Lab File: BN006469.D
 Acq: 21 Jun 2019 16:56

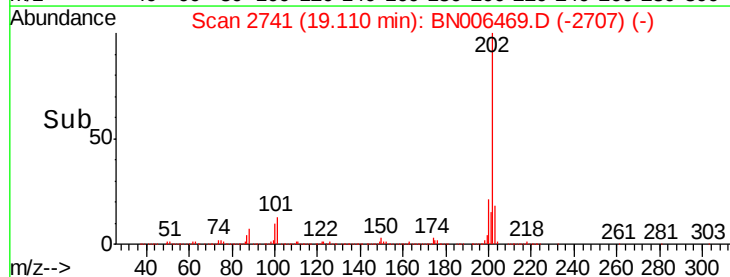
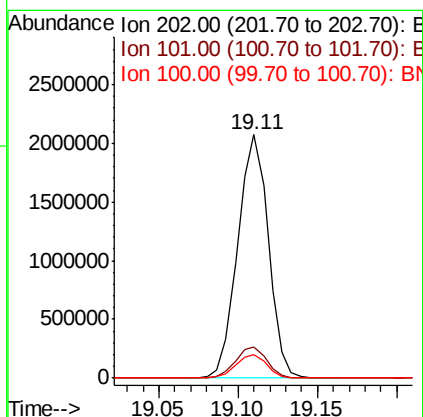
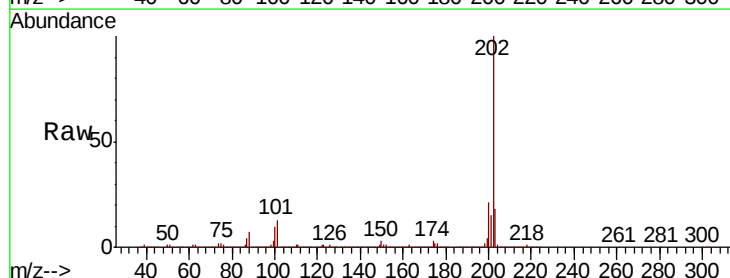
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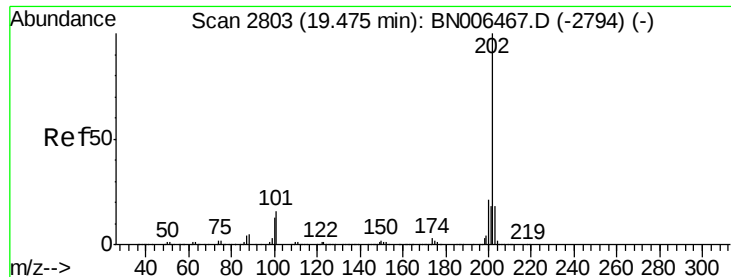
Tgt Ion:178 Resp: 319664
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.3 18.5
 176 18.6 14.7 22.1



#76
 Fluoranthene
 Concen: 29.261 ng/ul
 RT: 19.11 min Scan# 2741
 Delta R.T. 0.00 min
 Lab File: BN006469.D
 Acq: 21 Jun 2019 16:56

Tgt Ion:202 Resp: 2777044
 Ion Ratio Lower Upper
 202 100
 101 12.8 10.5 15.7
 100 9.7 7.6 11.4





#79

Pyrene

Concen: 25.838 ng/ul

RT: 19.47 min Scan# 2803

Delta R.T. 0.00 min

Lab File: BN006469.D

Acq: 21 Jun 2019 16:56

Instrument :

BNA_N

ClientSampleId :

A4219

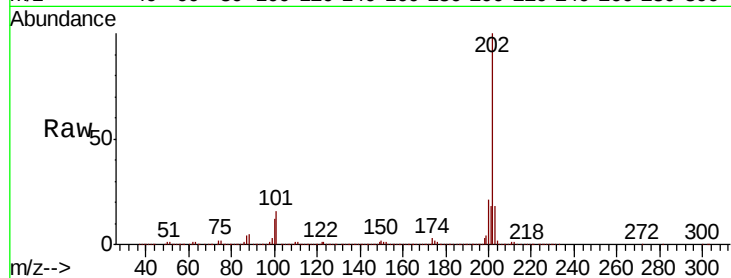
Tgt Ion:202 Resp: 2151538

Ion Ratio Lower Upper

202 100

101 16.0 12.2 18.4

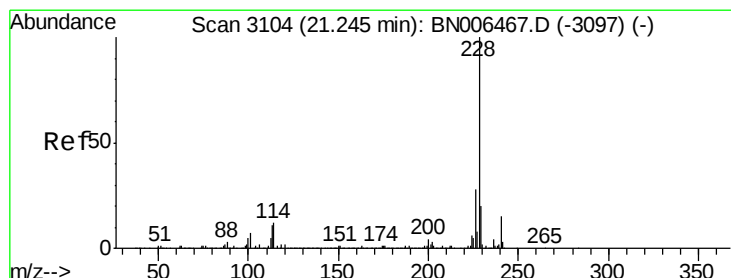
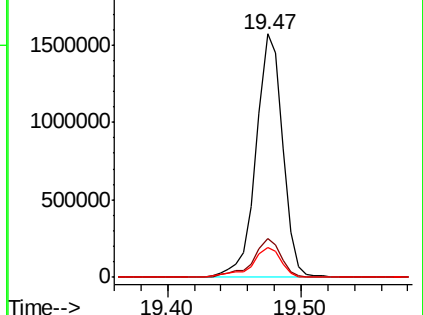
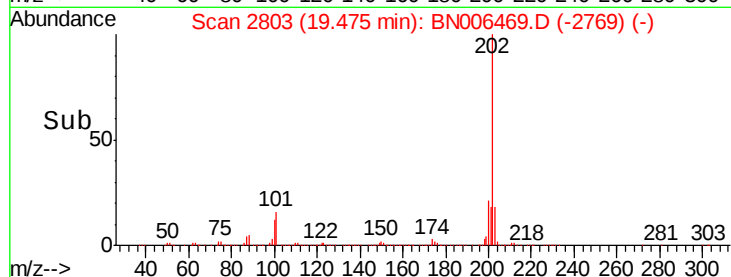
100 12.4 9.8 14.6



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



#82

Benzo(a)anthracene

Concen: 13.740 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. 0.01 min

Lab File: BN006469.D

Acq: 21 Jun 2019 16:56

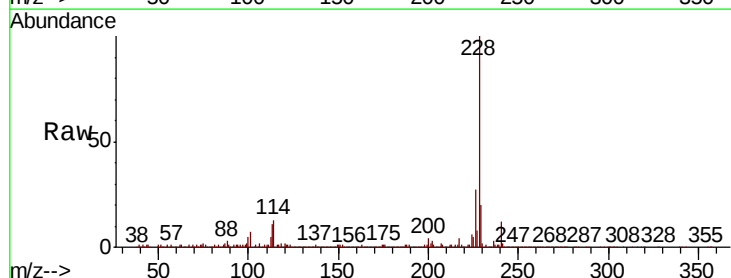
Tgt Ion:228 Resp: 1148660

Ion Ratio Lower Upper

228 100

229 20.3 15.6 23.4

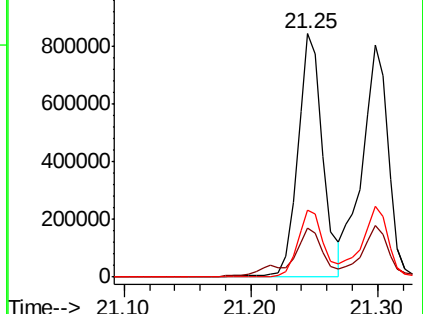
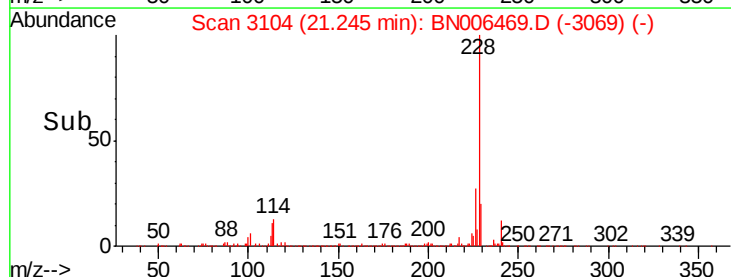
226 27.4 21.5 32.3

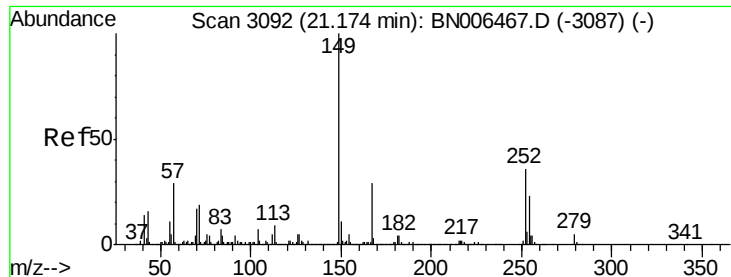


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

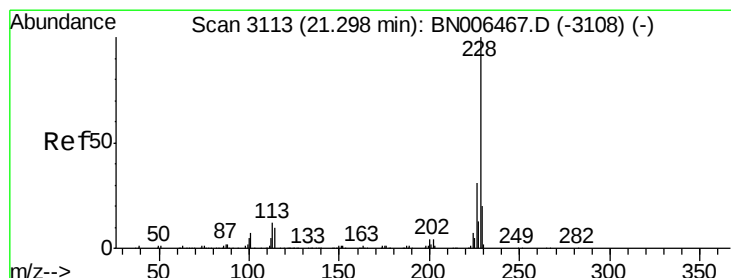
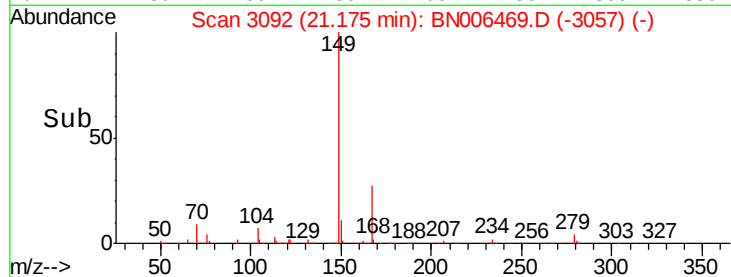
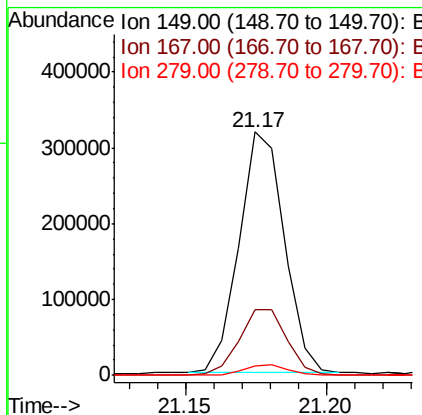
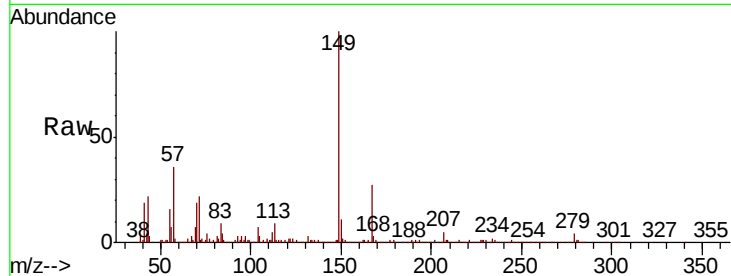




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.618 ng/ul
 RT: 21.17 min Scan# 3092
 Delta R.T. 0.01 min
 Lab File: BN006469.D
 Acq: 21 Jun 2019 16:56

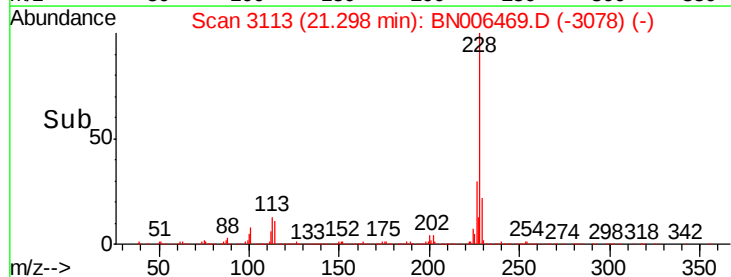
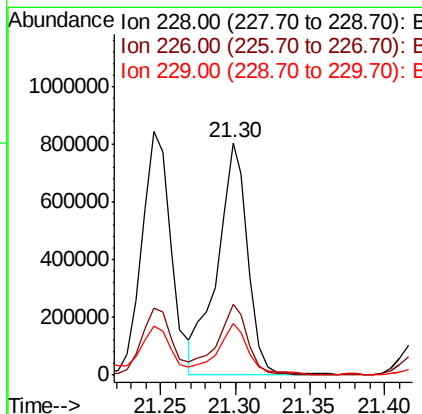
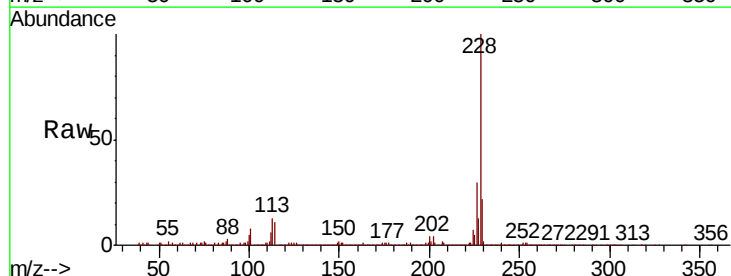
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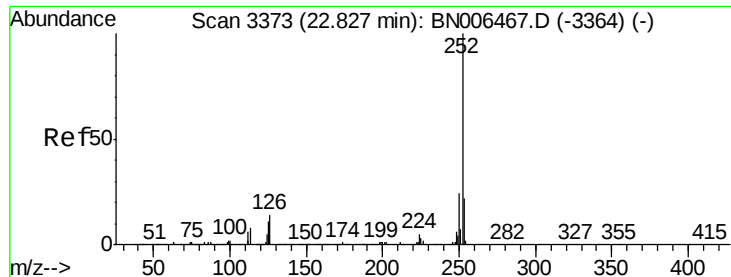
Tgt Ion:149 Resp: 354343
 Ion Ratio Lower Upper
 149 100
 167 27.2 22.2 33.4
 279 3.8 3.3 4.9



#84
 Chrysene
 Concen: 14.429 ng/ul
 RT: 21.30 min Scan# 3113
 Delta R.T. 0.01 min
 Lab File: BN006469.D
 Acq: 21 Jun 2019 16:56

Tgt Ion:228 Resp: 1147971
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.2 36.2
 229 22.2 15.9 23.9

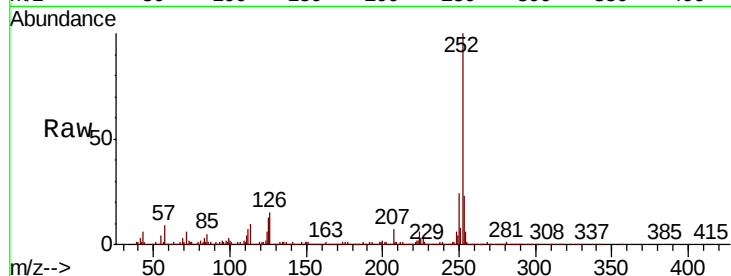




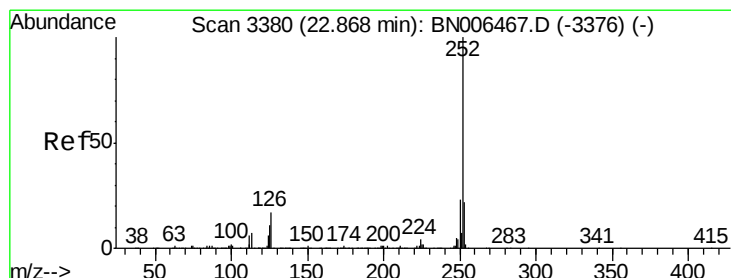
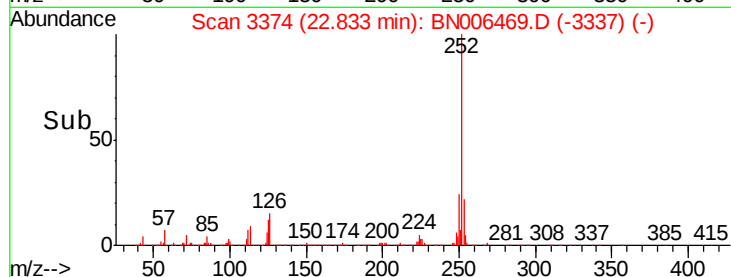
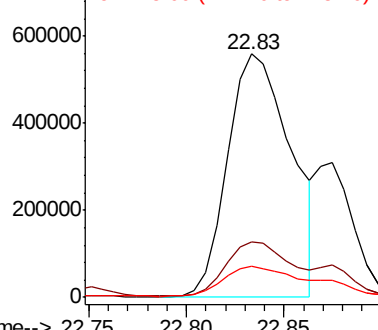
#87
Benzo(b)fluoranthene
Concen: 18.336 ng/ul
RT: 22.83 min Scan# 3374
Delta R.T. 0.02 min
Lab File: BN006469.D
Acq: 21 Jun 2019 16:56

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:252 Resp: 1256442
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 12.7 9.0 13.6

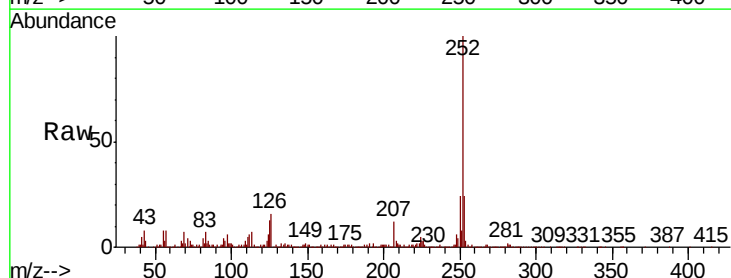


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

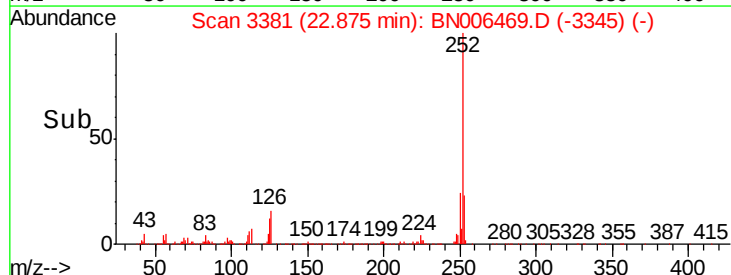
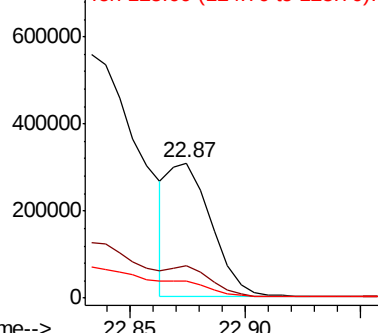


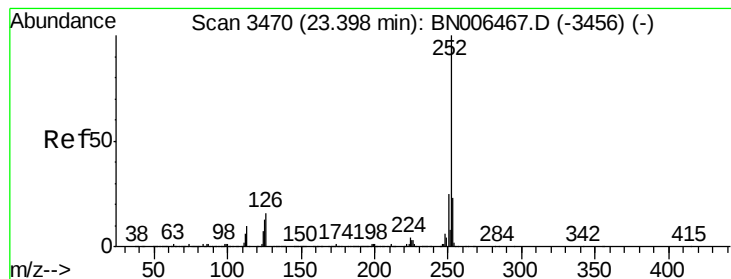
#88
Benzo(k)fluoranthene
Concen: 5.982 ng/ul
RT: 22.87 min Scan# 3381
Delta R.T. 0.01 min
Lab File: BN006469.D
Acq: 21 Jun 2019 16:56

Tgt Ion:252 Resp: 391790
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 12.6 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





#90

Benzo(a)pyrene

Concen: 11.963 ng/ul

RT: 23.40 min Scan# 3471

Delta R.T. 0.02 min

Lab File: BN006469.D

Acq: 21 Jun 2019 16:56

Instrument :

BNA_N

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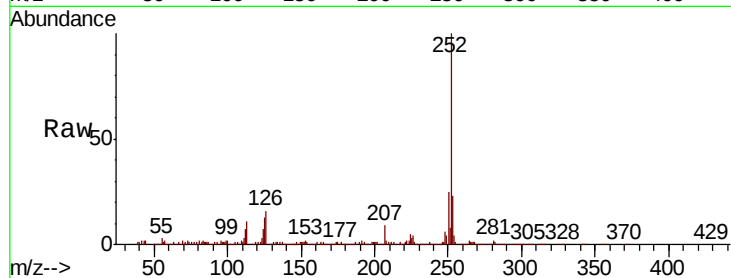
Tgt Ion: 252 Resp: 786028

Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

125 13.2 10.0 15.0

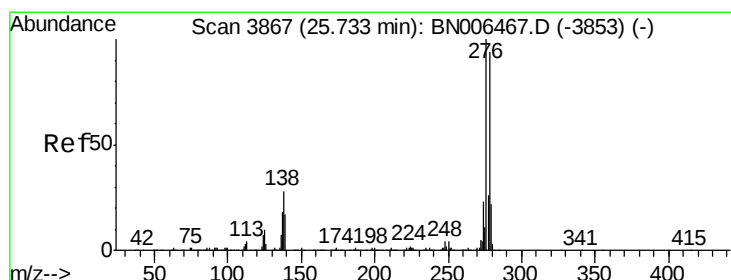
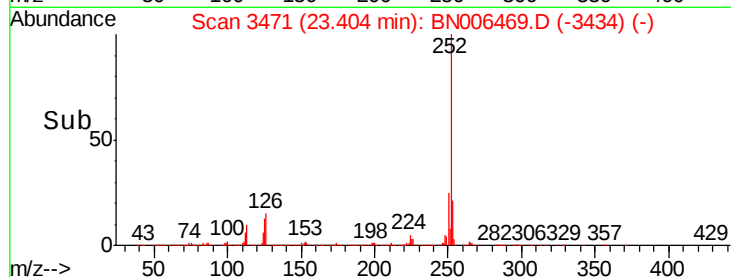
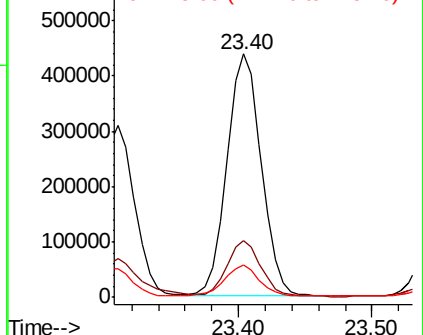


Abundance

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: 6.577 ng/ul

RT: 25.73 min Scan# 3867

Delta R.T. 0.01 min

Lab File: BN006469.D

Acq: 21 Jun 2019 16:56

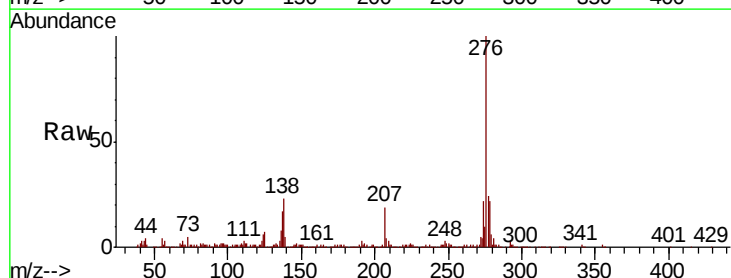
Tgt Ion: 276 Resp: 511420

Ion Ratio Lower Upper

276 100

138 23.0 22.2 33.4

277 23.8 20.2 30.4

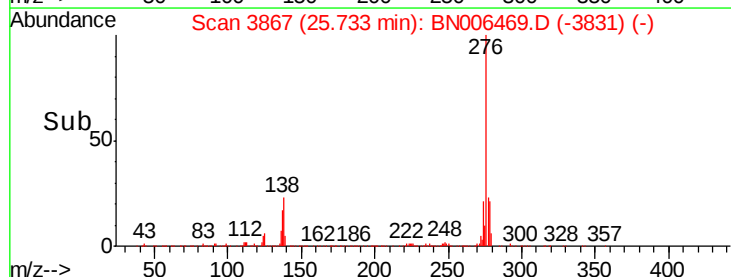
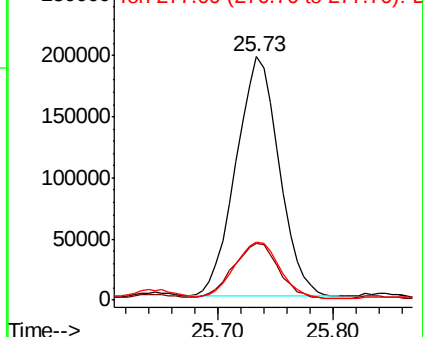


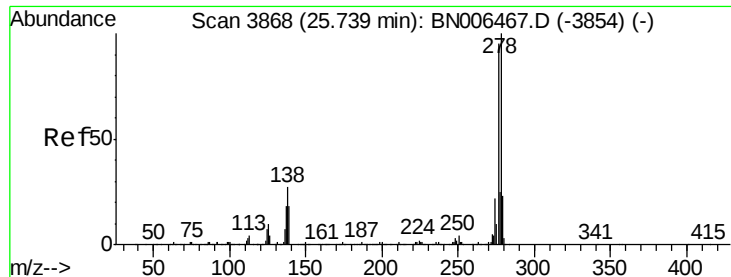
Abundance

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: 2.164 ng/ul

RT: 25.74 min Scan# 3868

Delta R.T. 0.01 min

Lab File: BN006469.D

Acq: 21 Jun 2019 16:56

Instrument :

BNA_N

ClientSampleId :

A4219

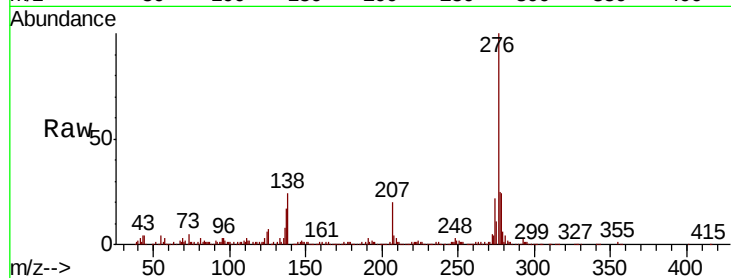
Tgt Ion: 278 Resp: 139326

Ion Ratio Lower Upper

278 100

139 0.0 14.2 21.4#

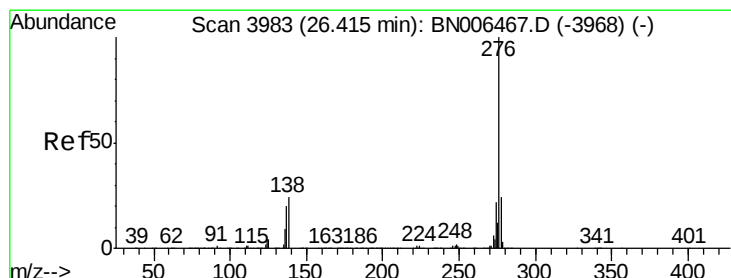
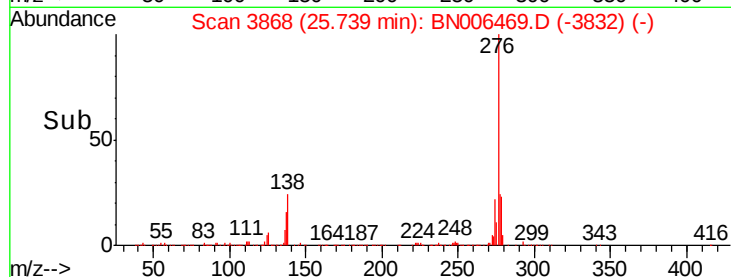
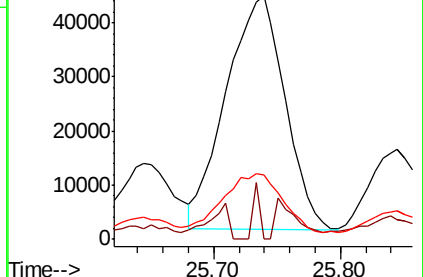
279 26.6 18.8 28.2



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: 6.802 ng/ul

RT: 26.42 min Scan# 3983

Delta R.T. 0.01 min

Lab File: BN006469.D

Acq: 21 Jun 2019 16:56

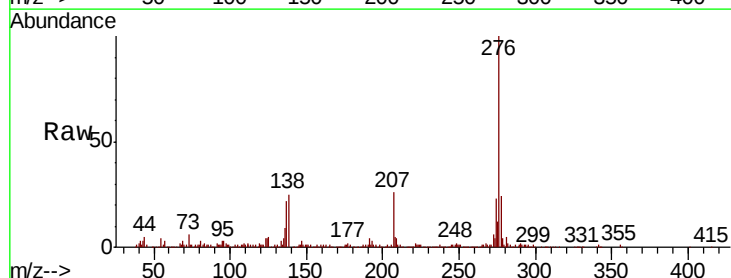
Tgt Ion: 276 Resp: 445453

Ion Ratio Lower Upper

276 100

138 24.7 19.1 28.7

277 24.0 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

