

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
 Data File : BN006488.D
 Acq On : 22 Jun 2019 14:39
 Operator : HP/JU
 Sample : K3362-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4206

Quant Time: Jun 24 04:05:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 22:42:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	365120	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1642561	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	952026	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	2024624	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1433410	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	1385834	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	37772	4.04	ng/uL	0.00
5) Phenol-d5	6.80	99	731790	18.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	500552	20.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	584156	20.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	538728	17.47	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	300705	22.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	333435	23.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	585296	21.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	570045	18.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1842142	22.08	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	2226187	21.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	227311	15.95	ng/ul	0.00
57) Fluorene-d10	15.28	176	1580247	22.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	180547	14.09	ng/ul	0.00
70) Anthracene-d10	17.13	188	2240449	21.98	ng/ul	0.00
78) Pyrene-d10	19.45	212	2221163	26.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1674065	21.39	ng/ul	0.00

Target Compounds

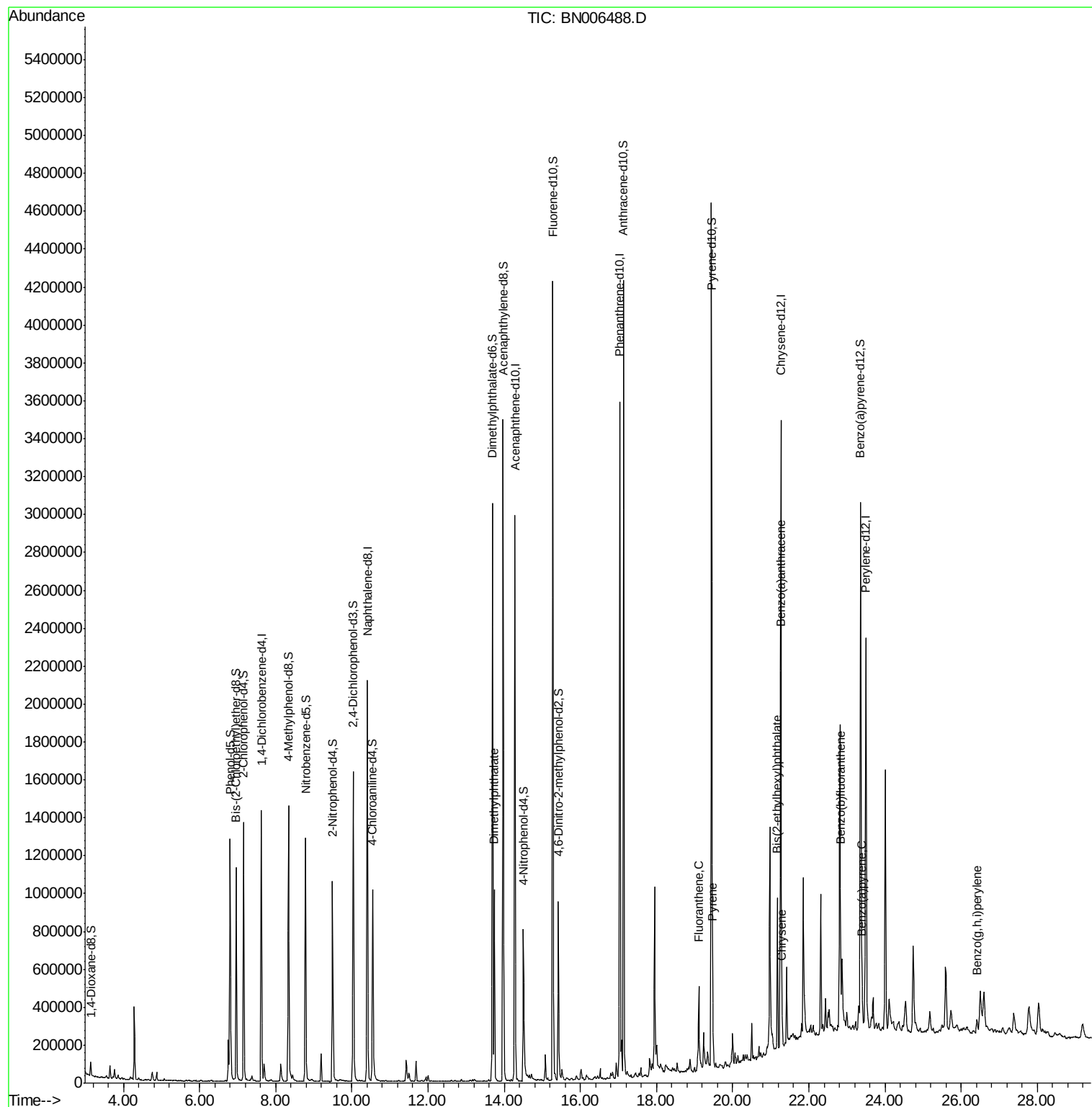
						Qvalue
44) Dimethylphthalate	13.74	163	593598	7.717	ng/ul	100
76) Fluoranthene	19.11	202	230007	1.911	ng/ul	99
79) Pyrene	19.47	202	218841	2.242	ng/ul	98
82) Benzo(a)anthracene	21.25	228	102571	1.047	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.17	149	238363	3.799	ng/ul	99
84) Chrysene	21.30	228	111666	1.198	ng/ul	98
87) Benzo(b)fluoranthene	22.83	252	155979	1.875	ng/ul#	93
90) Benzo(a)pyrene	23.40	252	117126	1.469	ng/ul	98
93) Benzo(g,h,i)perylene	26.42	276	88477	1.113	ng/ul	98

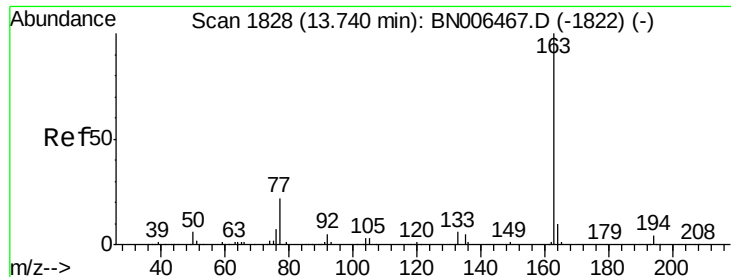
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 7.717 ng/ul

RT: 13.74 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BN006488.D

Acq: 22 Jun 2019 14:39

Instrument :

BNA_N

ClientSampleId :

A4206

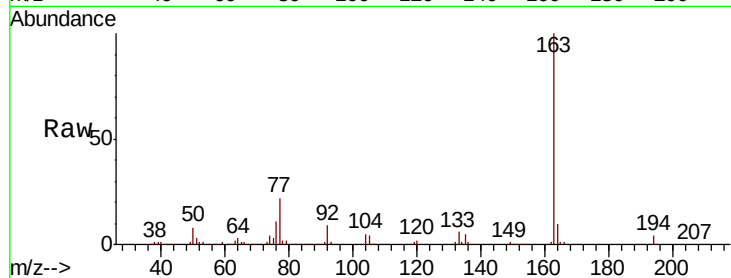
Tgt Ion:163 Resp: 593598

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

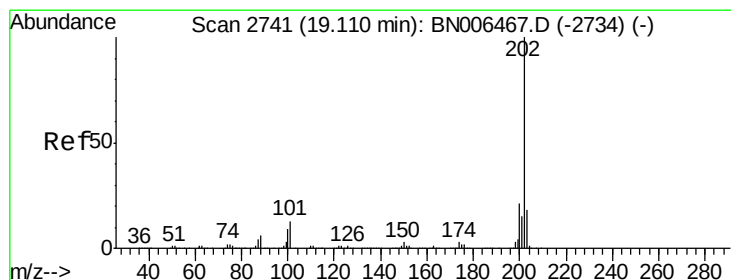
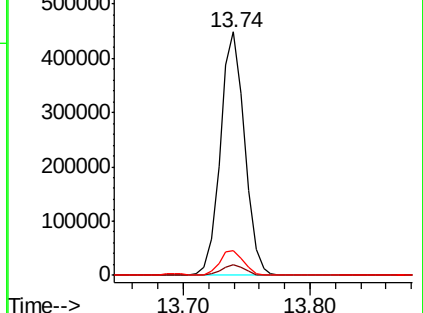
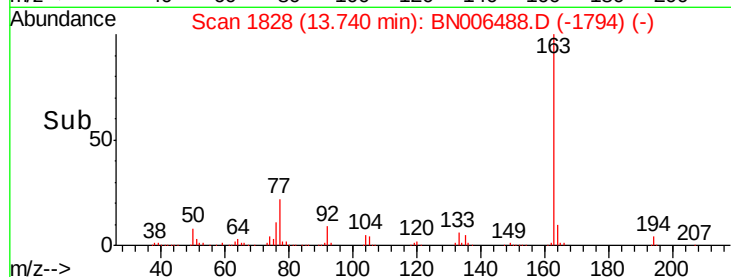
164 10.0 8.0 12.0



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



#76

Fluoranthene

Concen: 1.911 ng/ul

RT: 19.11 min Scan# 2741

Delta R.T. 0.00 min

Lab File: BN006488.D

Acq: 22 Jun 2019 14:39

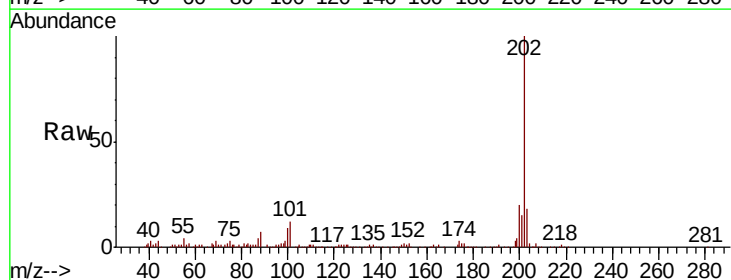
Tgt Ion:202 Resp: 230007

Ion Ratio Lower Upper

202 100

101 12.3 10.5 15.7

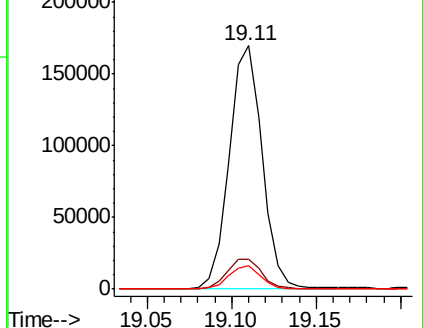
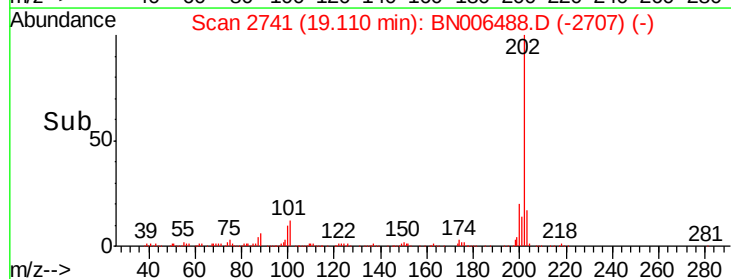
100 9.5 7.6 11.4

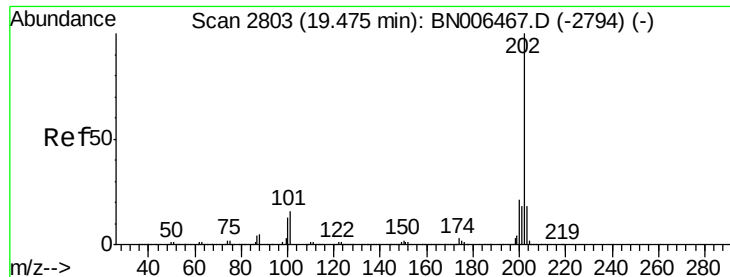


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pyrene

Concen: 2.242 ng/ul

RT: 19.47 min Scan# 2803

Delta R.T. 0.00 min

Lab File: BN006488.D

Acq: 22 Jun 2019 14:39

Instrument :

BNA_N

ClientSampleId :

A4206

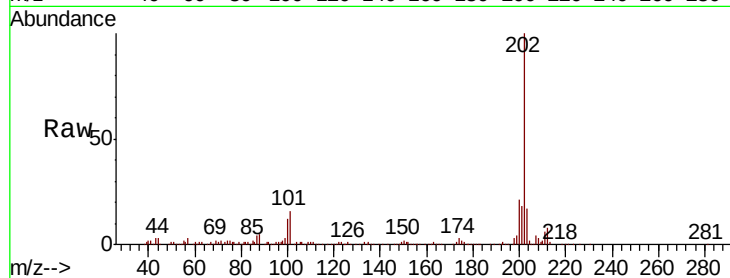
Tgt Ion:202 Resp: 218841

Ion Ratio Lower Upper

202 100

101 16.4 12.2 18.4

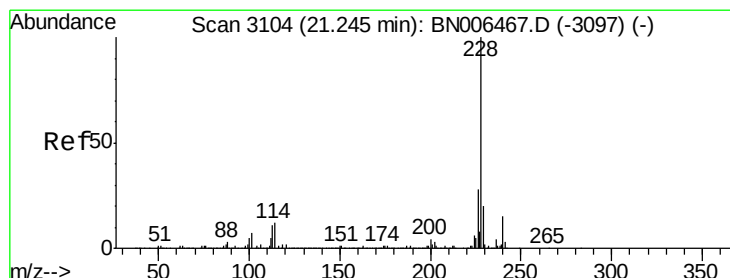
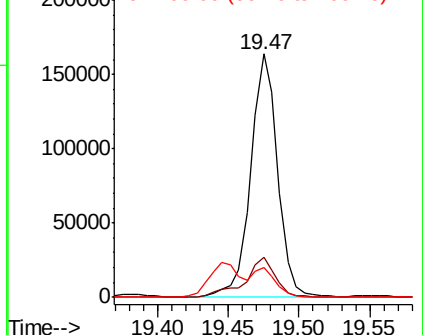
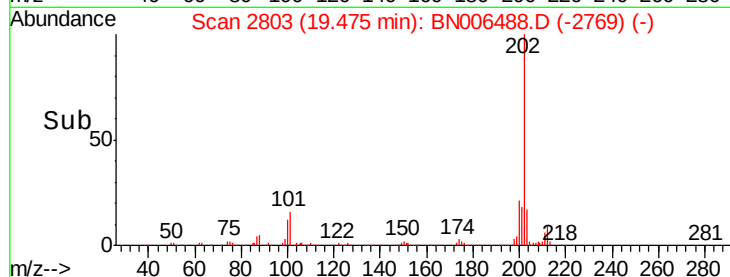
100 12.3 9.8 14.6



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: 1.047 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BN006488.D

Acq: 22 Jun 2019 14:39

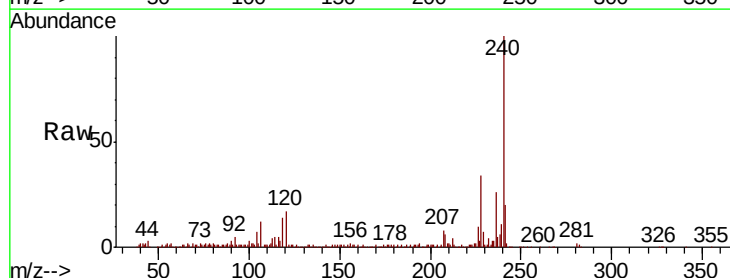
Tgt Ion:228 Resp: 102571

Ion Ratio Lower Upper

228 100

229 21.0 15.6 23.4

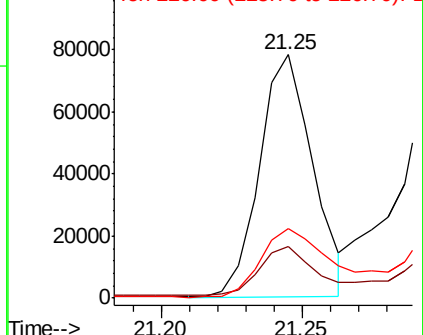
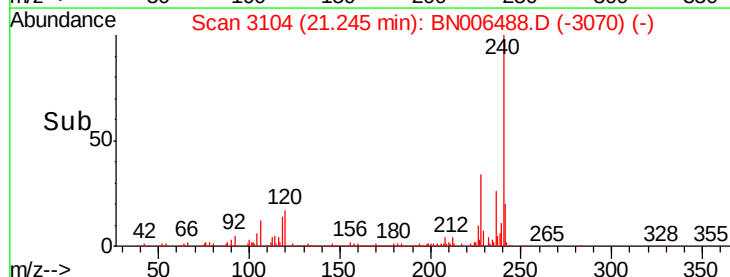
226 28.7 21.5 32.3

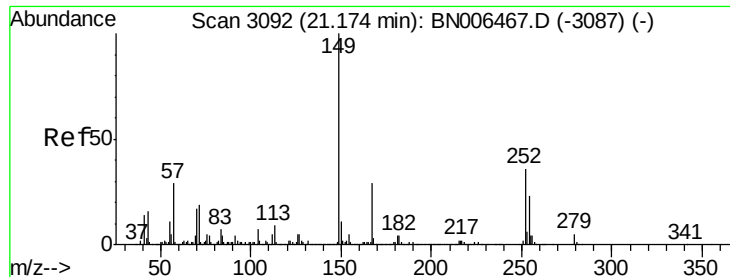


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

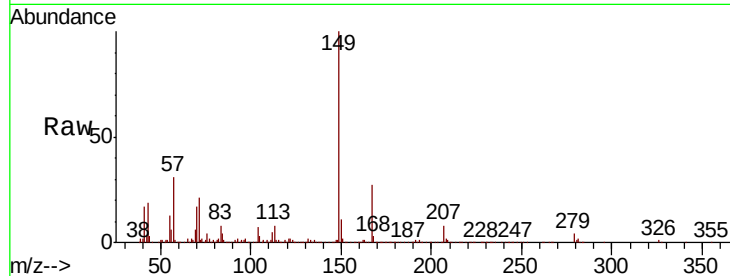




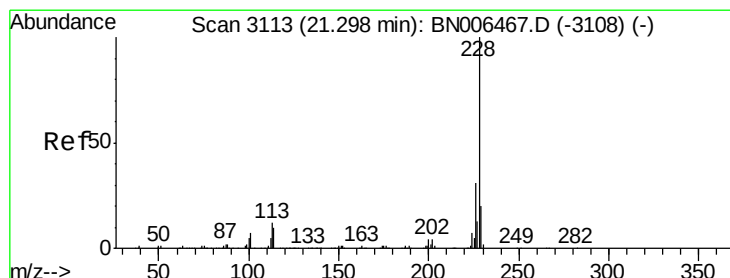
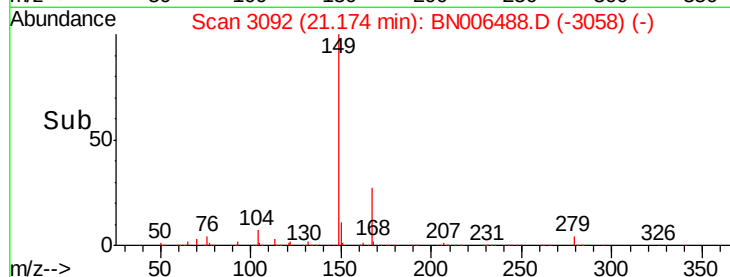
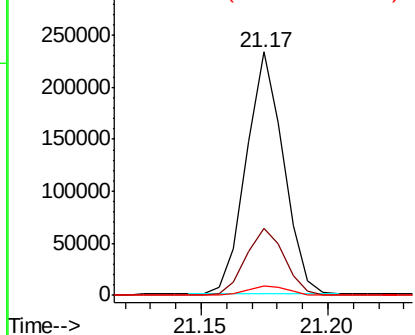
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.799 ng/ul
 RT: 21.17 min Scan# 3092
 Delta R.T. 0.00 min
 Lab File: BN006488.D
 Acq: 22 Jun 2019 14:39

Instrument :
 BNA_N
 ClientSampleId :
 A4206

Tgt Ion:149 Resp: 238363
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.2 33.4
 279 4.1 3.3 4.9

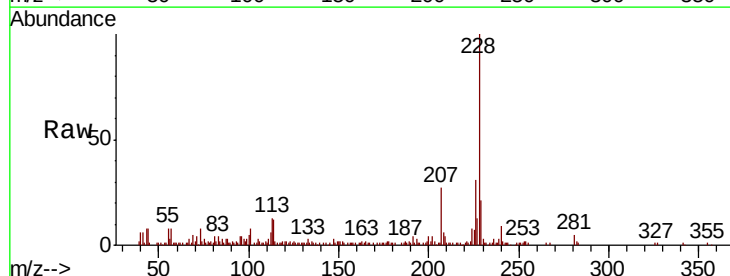


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

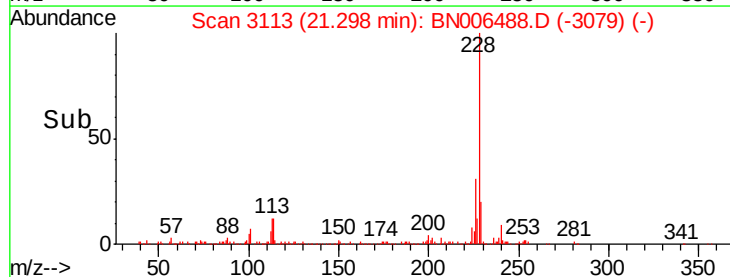
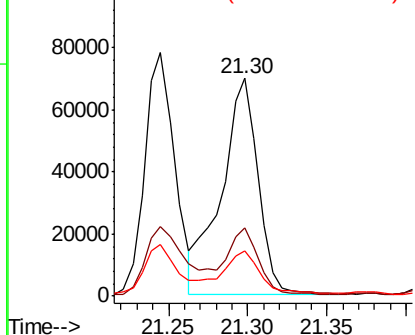


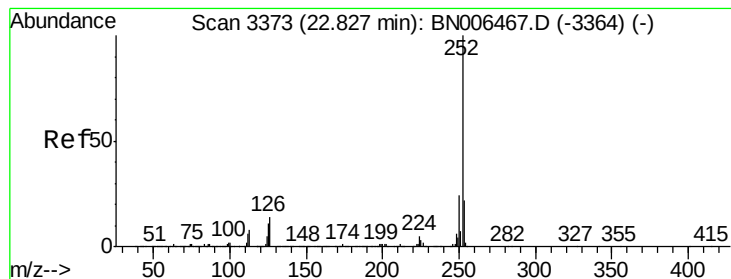
#84
 Chrysene
 Concen: 1.198 ng/ul
 RT: 21.30 min Scan# 3113
 Delta R.T. 0.00 min
 Lab File: BN006488.D
 Acq: 22 Jun 2019 14:39

Tgt Ion:228 Resp: 111666
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.2 36.2
 229 21.0 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





#87

Benzo(b)fluoranthene

Concen: 1.875 ng/ul

RT: 22.83 min Scan# 3374

Delta R.T. 0.01 min

Lab File: BN006488.D

Acq: 22 Jun 2019 14:39

Instrument :

BNA_N

ClientSampleId :

A4206

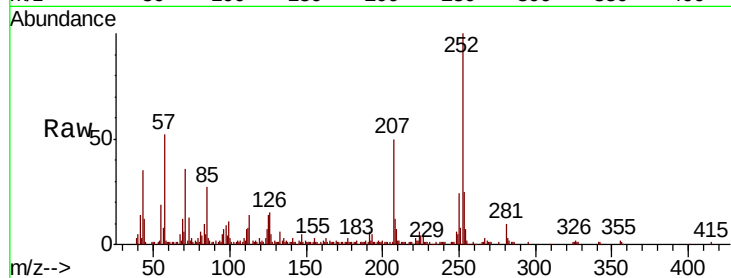
Tgt Ion:252 Resp: 155979

Ion Ratio Lower Upper

252 100

253 25.4 17.7 26.5

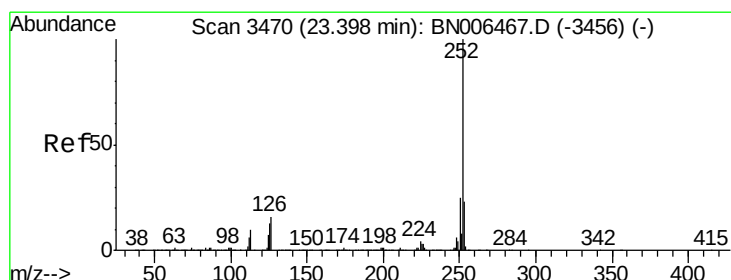
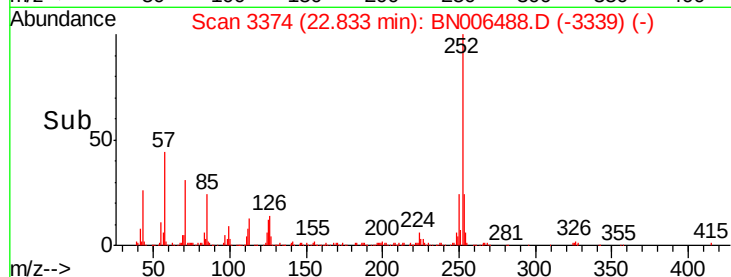
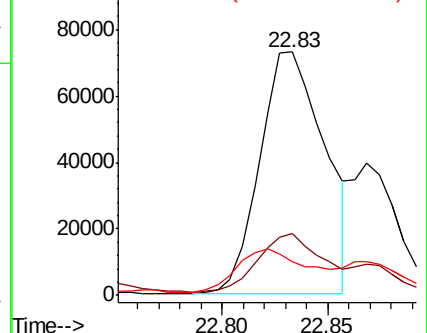
125 13.7 9.0 13.6#



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



#90

Benzo(a)pyrene

Concen: 1.469 ng/ul

RT: 23.40 min Scan# 3471

Delta R.T. 0.01 min

Lab File: BN006488.D

Acq: 22 Jun 2019 14:39

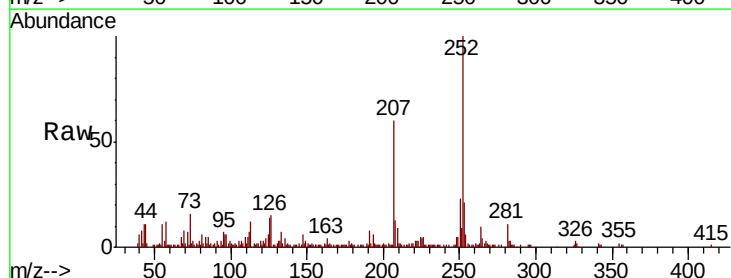
Tgt Ion:252 Resp: 117126

Ion Ratio Lower Upper

252 100

253 21.4 17.7 26.5

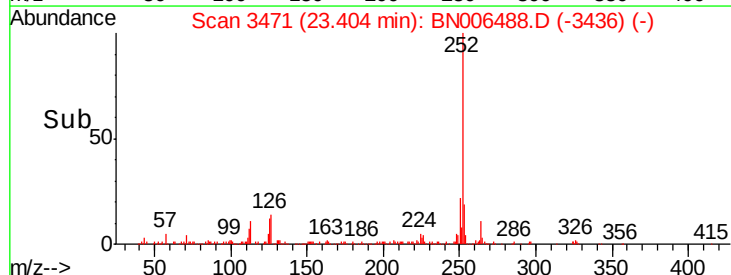
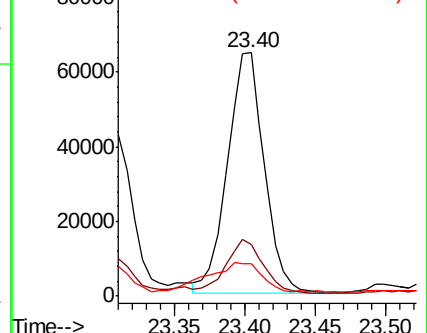
125 13.6 10.0 15.0

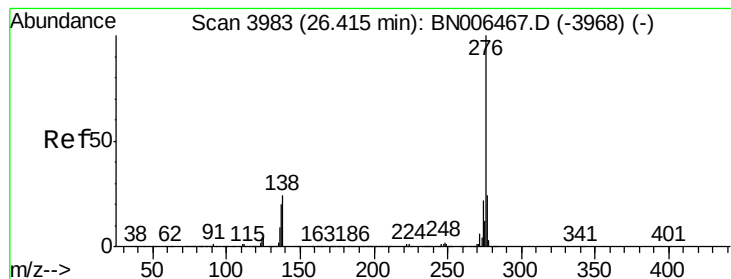


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#93

Benzo(g,h,i)perylene

Concen: 1.113 ng/ul

RT: 26.42 min Scan# 3983

Delta R.T. 0.00 min

Lab File: BN006488.D

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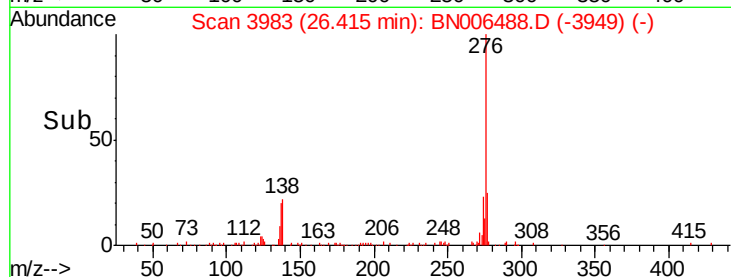
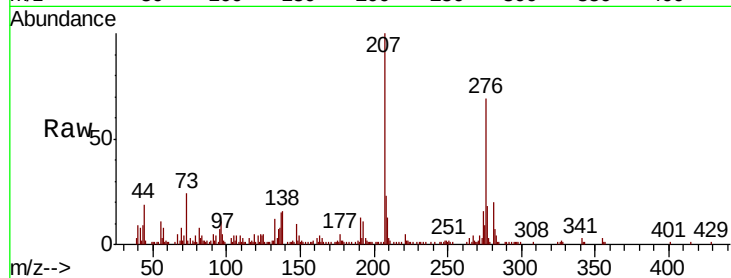
Tgt Ion: 276 Resp: 88477

Ion Ratio Lower Upper

276 100

138 23.1 19.1 28.7

277 25.6 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

