

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005936.D
 Acq On : 29 May 2019 18:30
 Operator : JU/SJ
 Sample : K2924-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 30 05:00:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 02:28:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	375152	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1734236	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	1063870	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	2520605	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	2425998	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	2281160	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	56535	6.63	ng/uL	0.00
5) Phenol-d5	6.89	99	1292499	38.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	719813	37.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	981858	38.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	910544	33.92	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	474534	42.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	494423	47.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	978272	39.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	1039167	32.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	3029200	38.62	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	3864560	39.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	557792	39.08	ng/ul	0.00
57) Fluorene-d10	15.36	176	2698801	41.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	298340	29.04	ng/ul	0.00
70) Anthracene-d10	17.22	188	4126431	38.47	ng/ul	0.00
78) Pyrene-d10	19.52	212	4829212	39.41	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	4010334	39.40	ng/ul	0.00

Target Compounds

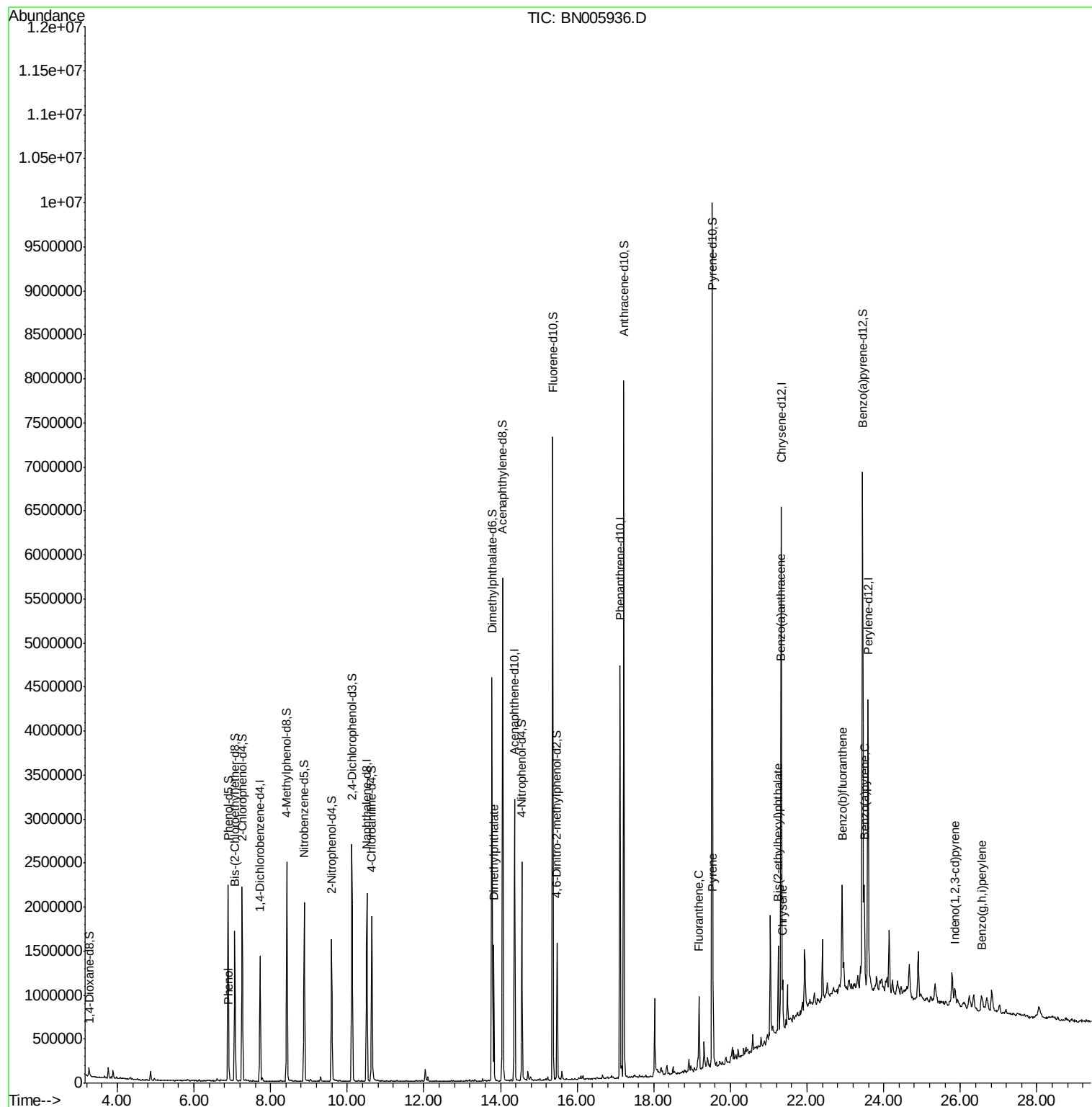
					Ovalue
6) Phenol	6.92	94	34516	1.007	ng/ul 96
44) Dimethylphthalate	13.82	163	915162	11.675	ng/ul 99
76) Fluoranthene	19.18	202	449268	3.370	ng/ul# 95
79) Pyrene	19.55	202	449911	2.928	ng/ul# 93
82) Benzo(a)anthracene	21.31	228	305420	2.003	ng/ul 96
83) Bis(2-ethylhexyl)phthalate	21.25	149	320416	3.201	ng/ul 100
84) Chrysene	21.36	228	311301	2.189	ng/ul 98
87) Benzo(b)fluoranthene	22.91	252	397808	3.105	ng/ul# 87
90) Benzo(a)pyrene	23.49	252	264422	2.188	ng/ul# 88
91) Indeno(1,2,3-cd)pyrene	25.86	276	168855	1.191	ng/ul# 86
93) Benzo(g,h,i)perylene	26.56	276	140138	1.174	ng/ul 95

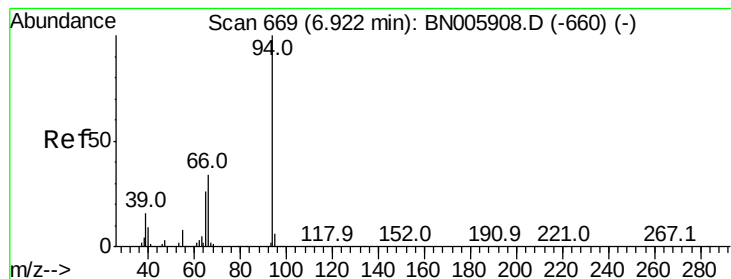
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 1.007 ng/ul

RT: 6.92 min Scan# 640

Delta R.T. -0.00 min

Lab File: BN005936.D

Acq: 29 May 2019 18:30

Instrument :

BNA_N

ClientSampleId :

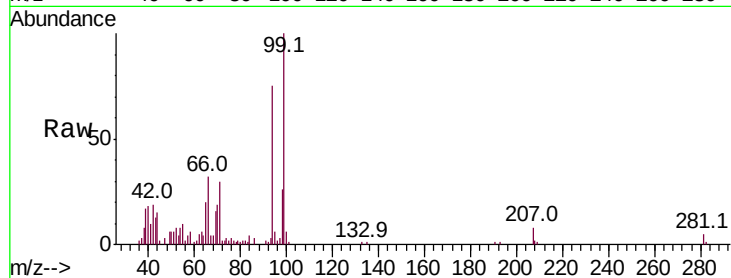
Tot Ion: 94 Resp: 34516

Ion Ratio Lower Upper

94 100

65 26.3 24.2 36.4

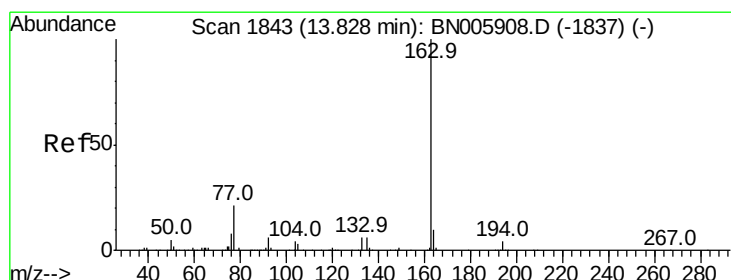
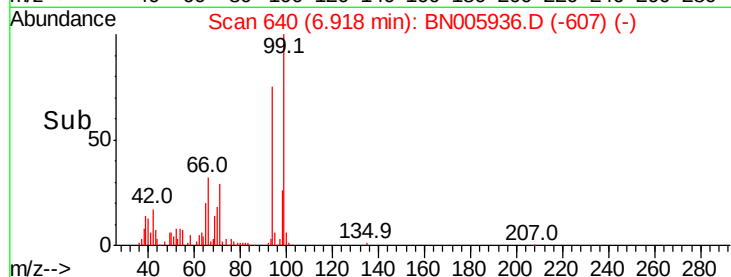
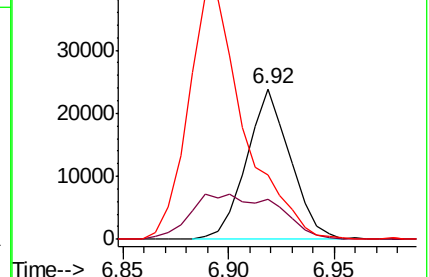
66 43.1 33.8 50.6



Abundance Ion 94.00 (93.70 to 94.70): BN005908.D (-660) (-)

Ion 65.00 (64.70 to 65.70): BN005908.D (-660) (-)

Ion 66.00 (65.70 to 66.70): BN005908.D (-660) (-)



#44

Dimethylphthalate

Concen: 11.675 ng/ul

RT: 13.82 min Scan# 1814

Delta R.T. -0.00 min

Lab File: BN005936.D

Acq: 29 May 2019 18:30

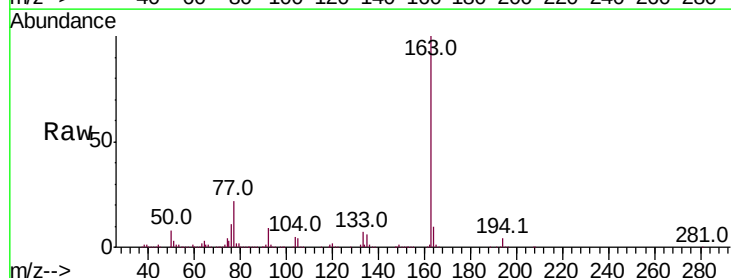
Tgt Ion: 163 Resp: 915162

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

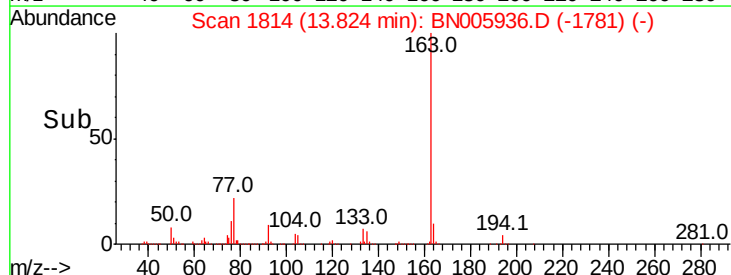
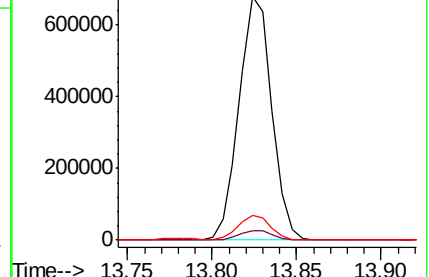
164 10.4 8.1 12.1

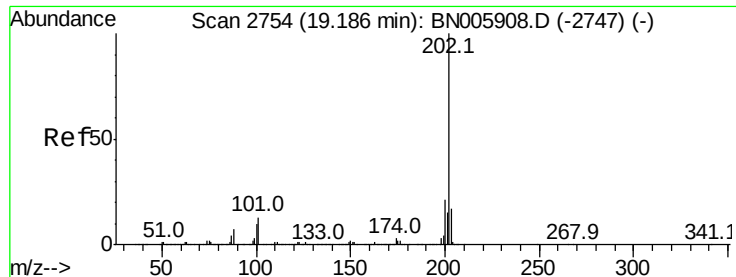


Abundance Ion 163.00 (162.70 to 163.70): BN005908.D (-1837) (-)

Ion 194.00 (193.70 to 194.70): BN005908.D (-1837) (-)

Ion 164.00 (163.70 to 164.70): BN005908.D (-1837) (-)





#76

Fluoranthene

Concen: 3.370 ng/ul

RT: 19.18 min Scan# 2725

Delta R.T. -0.00 min

Lab File: BN005936.D

Acq: 29 May 2019 18:30

Instrument :

BNA_N

ClientSampleId :

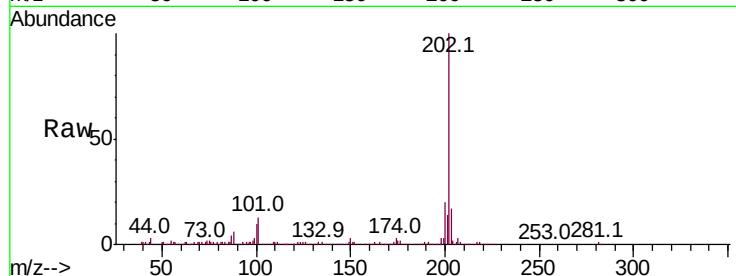
Tot Ion:202 Resp: 449268

Ion Ratio Lower Upper

202 100

101 12.9 8.6 12.8#

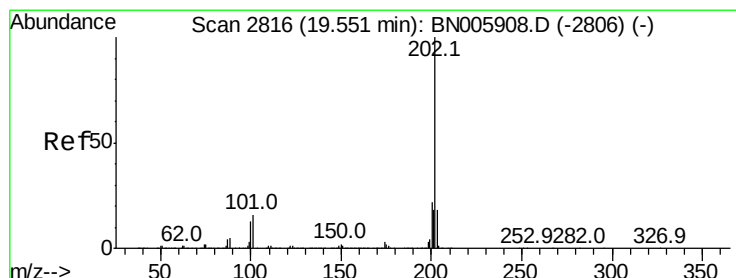
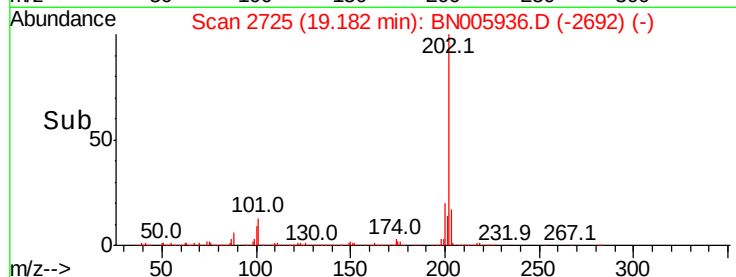
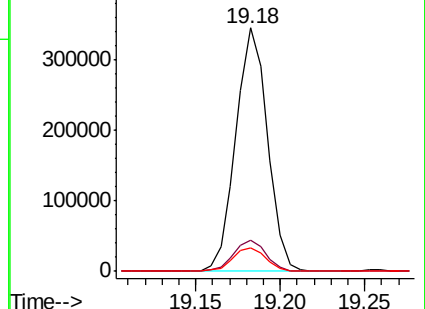
100 9.6 6.3 9.5#



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: 2.928 ng/ul

RT: 19.55 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BN005936.D

Acq: 29 May 2019 18:30

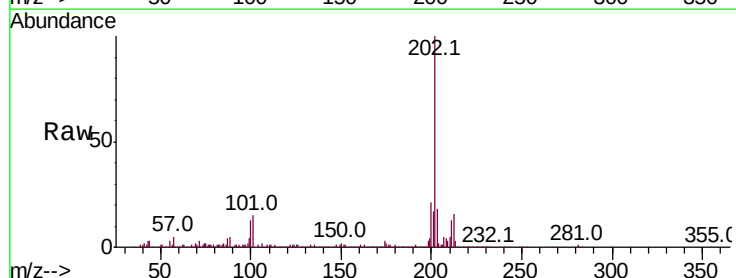
Tgt Ion:202 Resp: 449911

Ion Ratio Lower Upper

202 100

101 15.3 10.3 15.5

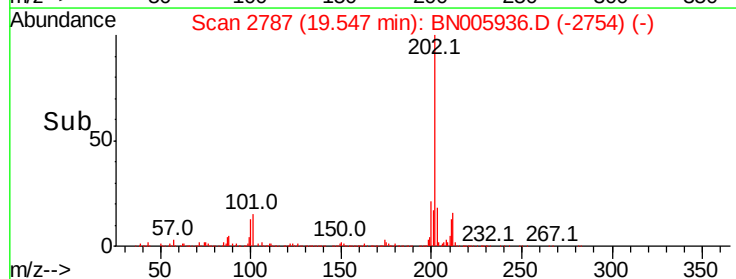
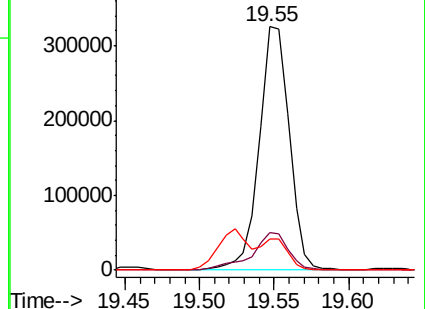
100 12.9 7.9 11.9#

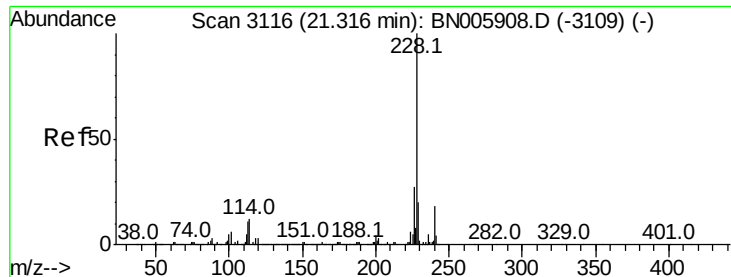


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 2.003 ng/ul

RT: 21.31 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BN005936.D

Acq: 29 May 2019 18:30

Instrument :

BNA_N

ClientSampleId :

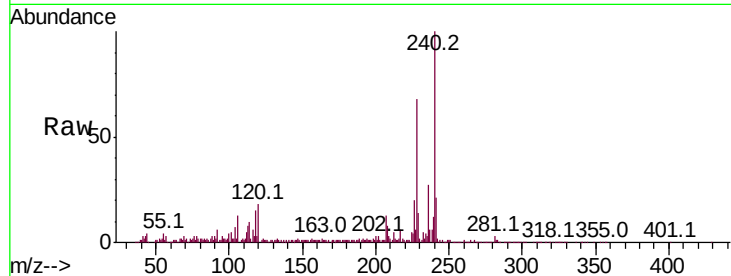
Tot Ion:228 Resp: 305420

Ion Ratio Lower Upper

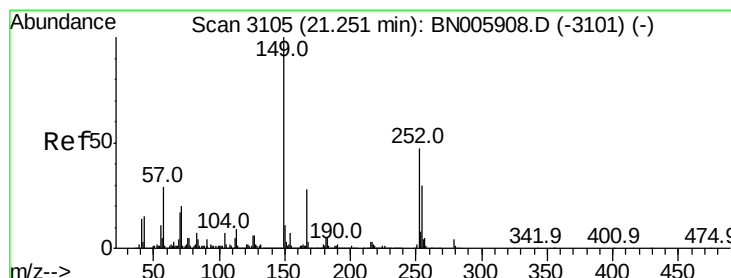
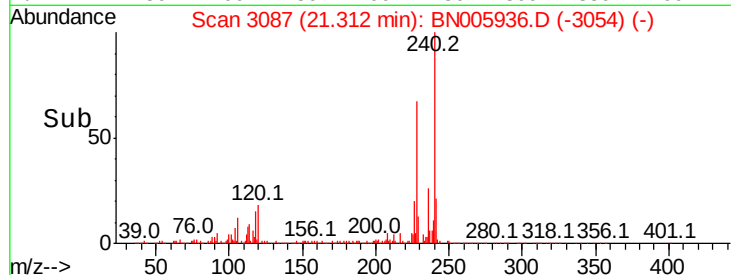
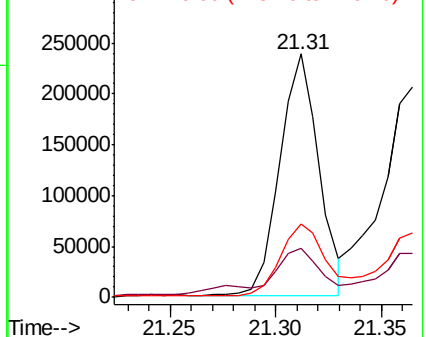
228 100

229 20.3 15.8 23.6

226 30.1 21.4 32.2



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: 3.201 ng/ul

RT: 21.25 min Scan# 3077

Delta R.T. 0.00 min

Lab File: BN005936.D

Acq: 29 May 2019 18:30

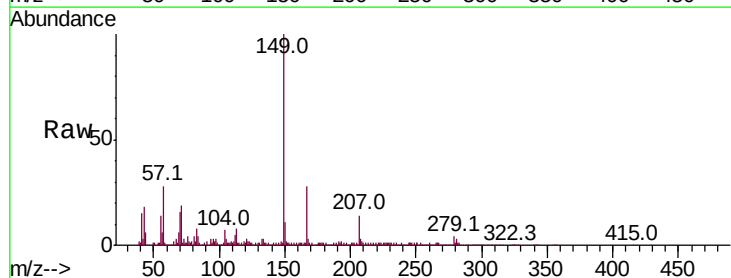
Tgt Ion:149 Resp: 320416

Ion Ratio Lower Upper

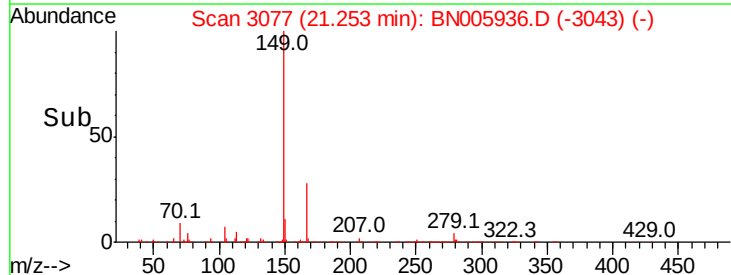
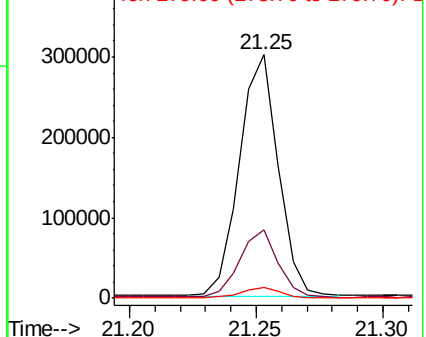
149 100

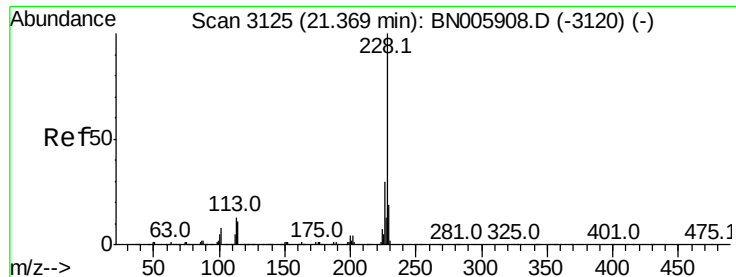
167 28.1 22.3 33.5

279 4.4 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: 2.189 ng/ul

RT: 21.36 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BN005936.D

Acq: 29 May 2019 18:30

Instrument :

BNA_N

ClientSampleId :

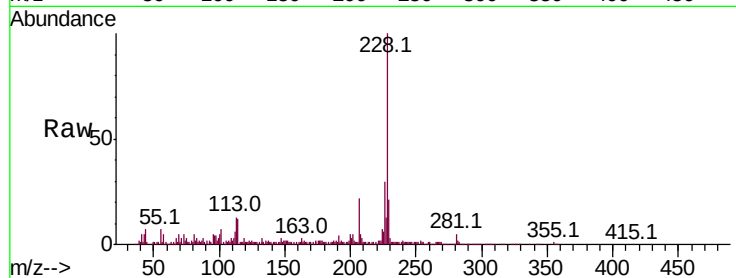
Tot Ion:228 Resp: 311301

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

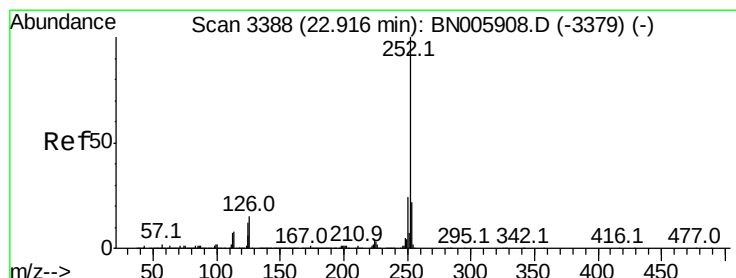
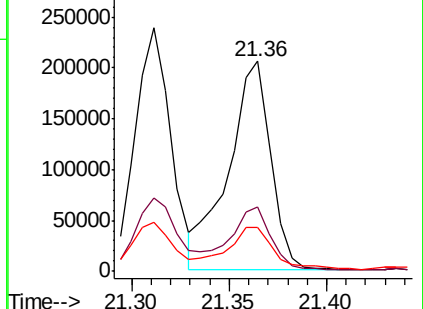
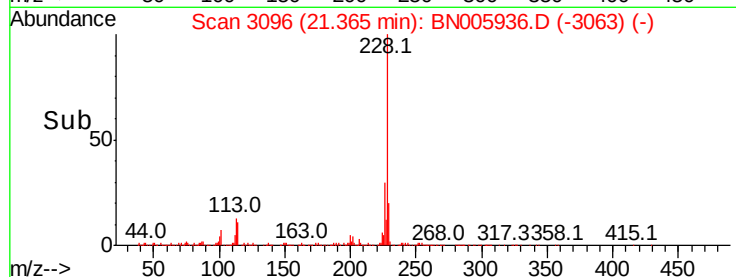
229 21.0 15.4 23.0



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: 3.105 ng/ul

RT: 22.91 min Scan# 3359

Delta R.T. -0.00 min

Lab File: BN005936.D

Acq: 29 May 2019 18:30

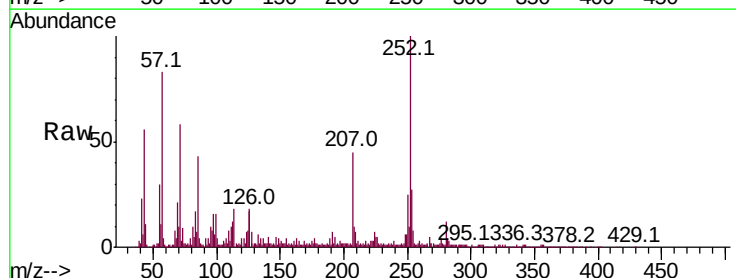
Tgt Ion:252 Resp: 397808

Ion Ratio Lower Upper

252 100

253 26.7 17.7 26.5#

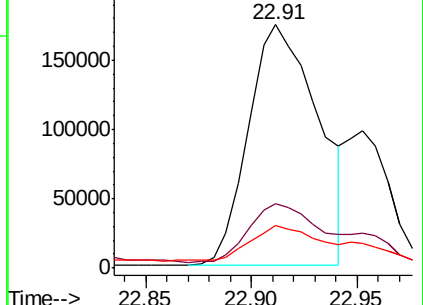
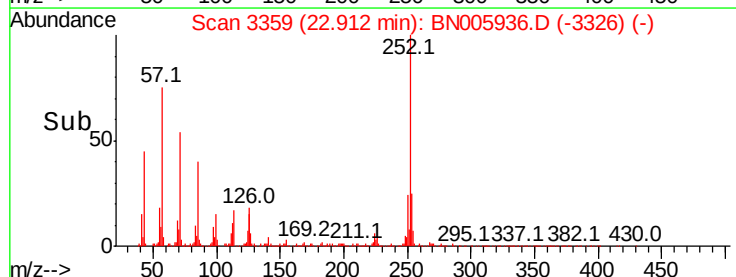
125 17.5 8.4 12.6#

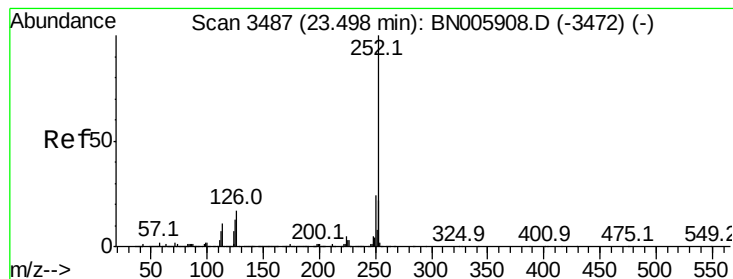


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 2.188 ng/ul

RT: 23.49 min Scan# 3458

Delta R.T. -0.00 min

Lab File: BN005936.D

Acq: 29 May 2019 18:30

Instrument :

BNA_N

ClientSampleId :

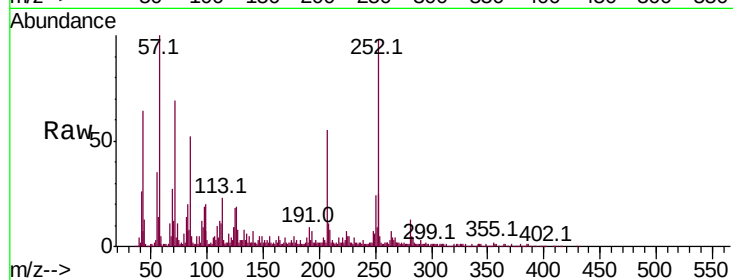
Tot Ion:252 Resp: 264422

Ion Ratio Lower Upper

252 100

253 25.1 17.3 25.9

125 18.4 8.6 13.0#

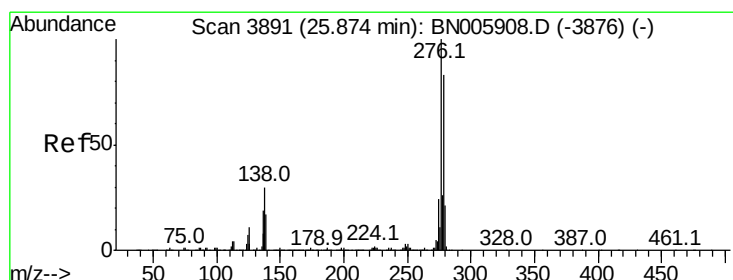
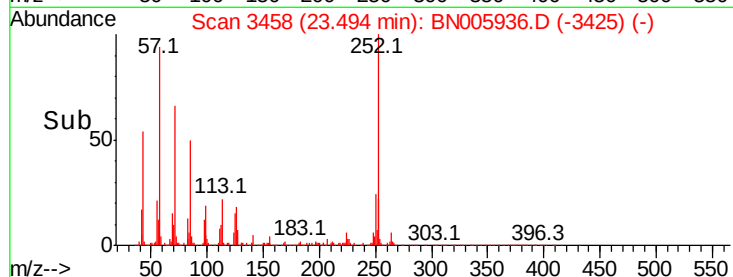
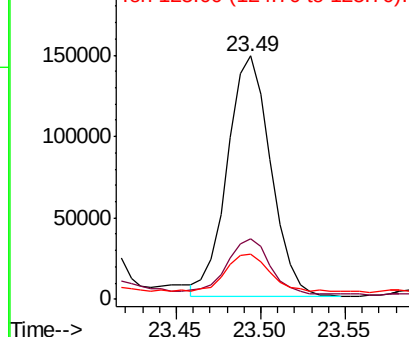


Abundance

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: 1.191 ng/ul

RT: 25.86 min Scan# 3860

Delta R.T. -0.02 min

Lab File: BN005936.D

Acq: 29 May 2019 18:30

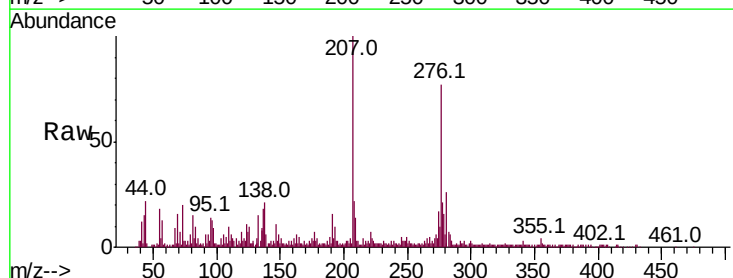
Tgt Ion:276 Resp: 168855

Ion Ratio Lower Upper

276 100

138 34.0 17.9 26.9#

277 26.7 19.7 29.5

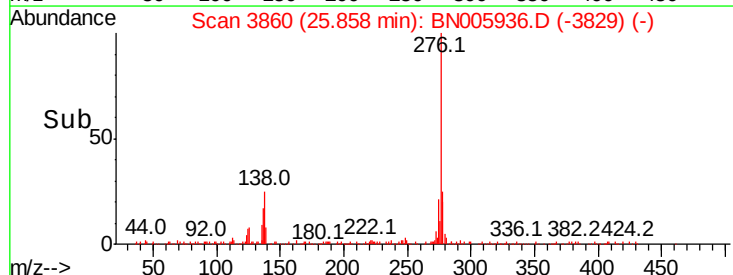
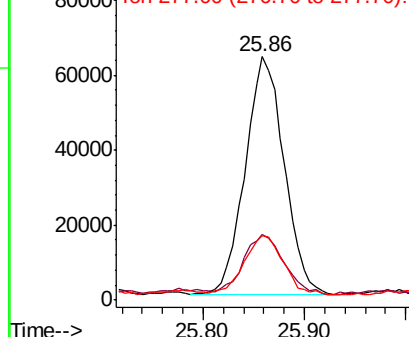


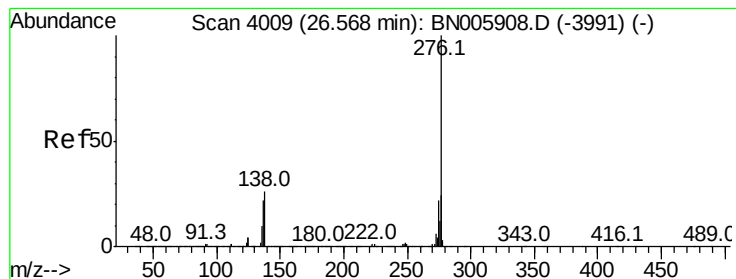
Abundance

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(a,h,i)perylene

Concen: 1.174 ng/ul

RT: 26.56 min Scan# 3979

Delta R.T. -0.01 min

Lab File: BN005936.D

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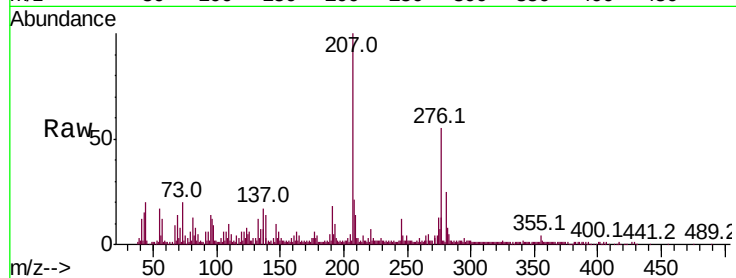
Tot Ion:276 Resp: 140138

Ion Ratio Lower Upper

276 100

138 24.7 16.7 25.1

277 23.9 18.2 27.2



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

