

Data File : BN003876.D
Acq On : 13 Dec 2018 05:54
Operator : JU/SJ
Sample : J6228-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E50

Quant Time: Dec 13 06:34:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 13 06:00:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	26236	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	132088	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	83004	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	204508	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	273725	20.00	ng/ul	0.00
85) Perylene-d12	23.71	264	339671	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	1664	4.15	ng/uL	0.00
5) Phenol-d5	6.99	99	58360	22.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	32872	23.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	48590	24.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	43228	20.00	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	25564	24.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	29471	24.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	54127	24.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	54683	26.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	185152	24.99	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	234645	26.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	30900	20.17	ng/ul	0.00
57) Fluorene-d10	15.46	176	173894	27.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	26827	18.21	ng/ul	0.00
70) Anthracene-d10	17.31	188	276666	26.77	ng/ul	0.00
78) Pyrene-d10	19.60	212	330745	27.01	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.56	264	497021	26.97	ng/ul	0.00

Target Compounds

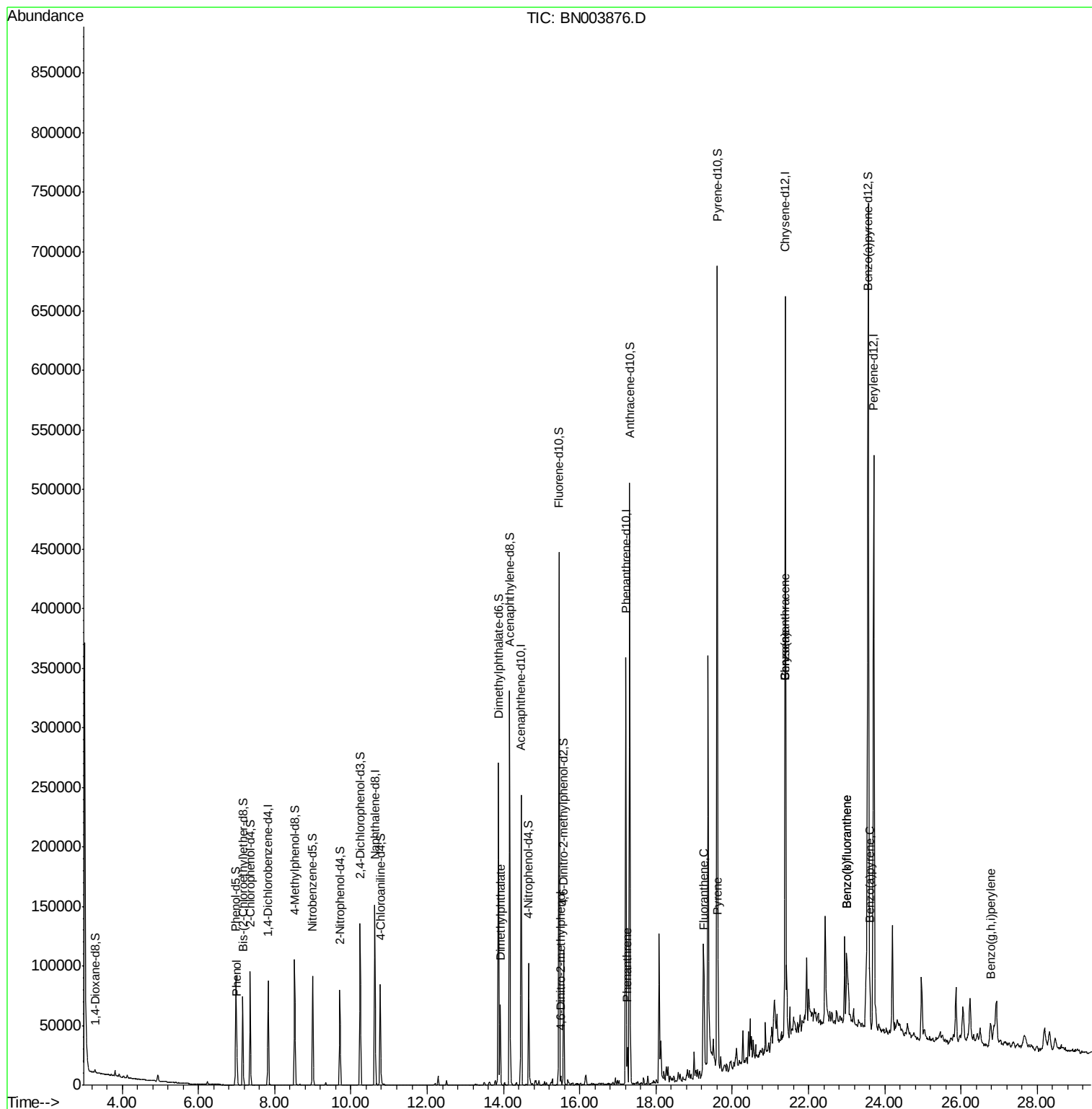
					Qvalue
6) Phenol	7.01	94	15851	6.088 ng/ul	97
44) Dimethylphthalate	13.92	163	44617	6.168 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.51	198	2766	1.828 ng/ul#	59
69) Phenanthrene	17.25	178	20820	1.762 ng/ul	98
76) Fluoranthene	19.26	202	28182	1.946 ng/ul	98
79) Pyrene	19.63	202	44187	2.890 ng/ul	96
82) Benzo(a)anthracene	21.37	228	26884	1.575 ng/ul	95
84) Chrysene	21.37	228	26884	1.682 ng/ul	95
87) Benzo(b)fluoranthene	23.00	252	41969	2.063 ng/ul#	95
88) Benzo(k)fluoranthene	23.00	252	41969	2.203 ng/ul#	95
90) Benzo(a)pyrene	23.61	252	30639	1.564 ng/ul	96
93) Benzo(g,h,i)perylene	26.77	276	22742	1.064 ng/ul	96

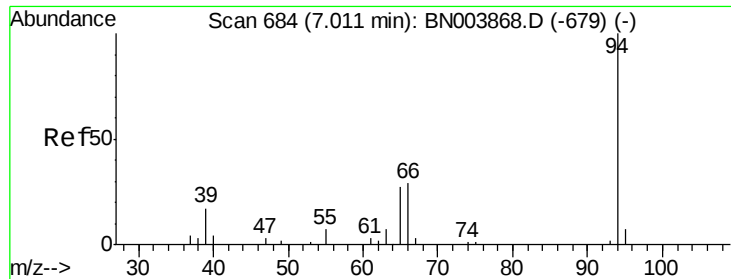
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 6.088 ng/ul

RT: 7.01 min Scan# 684

Delta R.T. -0.00 min

Lab File: BN003876.D

Acq: 13 Dec 2018 05:54

Instrument :

BNA_N

ClientSampled :

F9E50

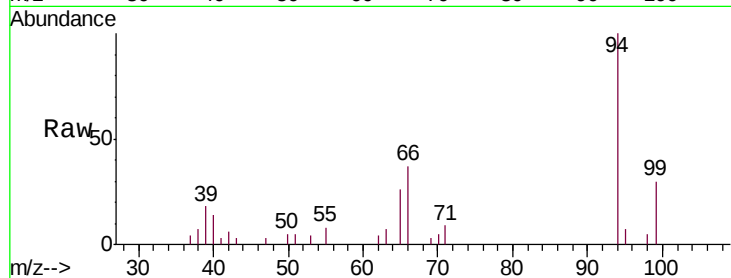
Tgt Ion: 94 Resp: 15851

Ion Ratio Lower Upper

94 100

65 26.5 21.2 31.8

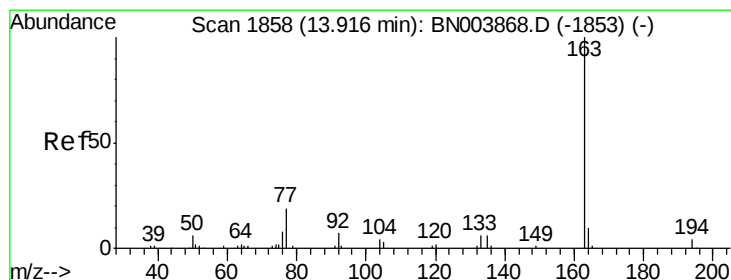
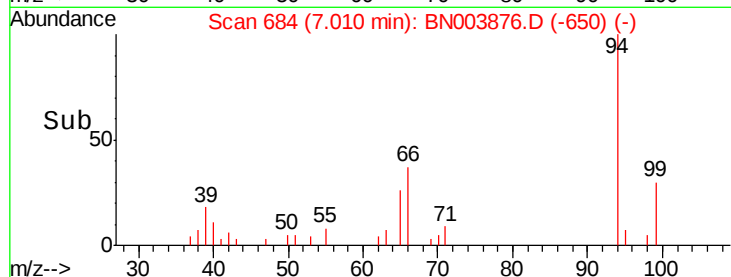
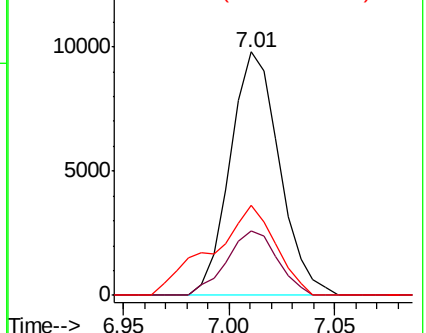
66 36.8 26.9 40.3



Abundance Ion 94.00 (93.70 to 94.70): BN003868.D (-679) (-)

Ion 65.00 (64.70 to 65.70): BN003868.D (-679) (-)

Ion 66.00 (65.70 to 66.70): BN003868.D (-679) (-)



#44

Dimethylphthalate

Concen: 6.168 ng/ul

RT: 13.92 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BN003876.D

Acq: 13 Dec 2018 05:54

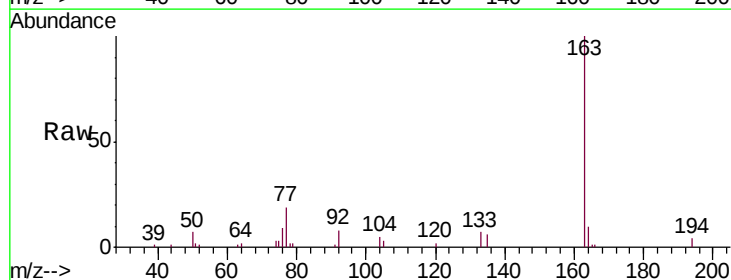
Tgt Ion: 163 Resp: 44617

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

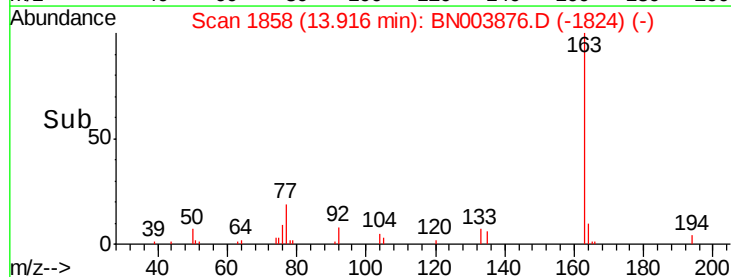
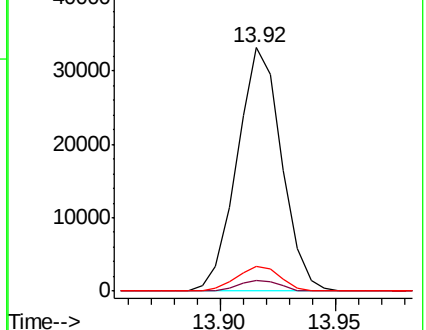
164 10.3 7.9 11.9

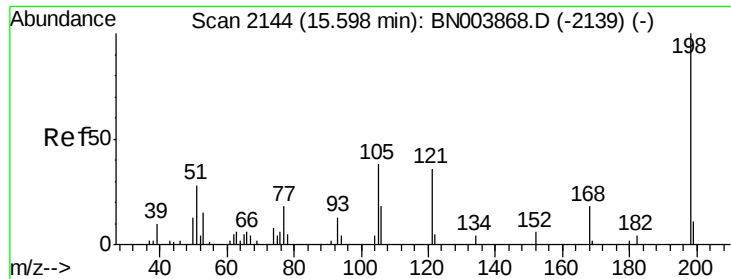


Abundance Ion 163.00 (162.70 to 163.70): BN003868.D (-1853) (-)

Ion 194.00 (193.70 to 194.70): BN003868.D (-1853) (-)

Ion 164.00 (163.70 to 164.70): BN003868.D (-1853) (-)

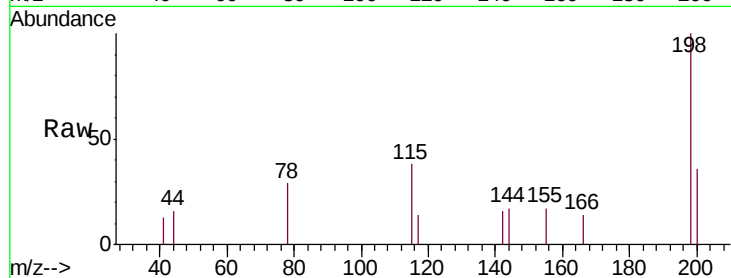




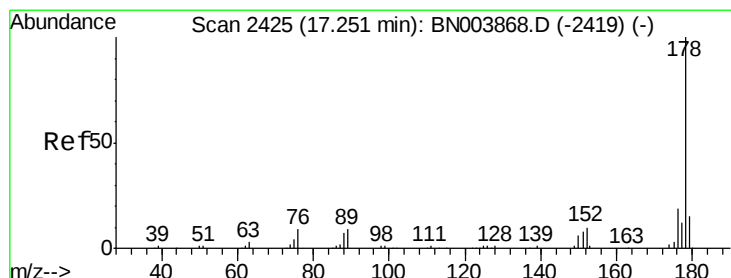
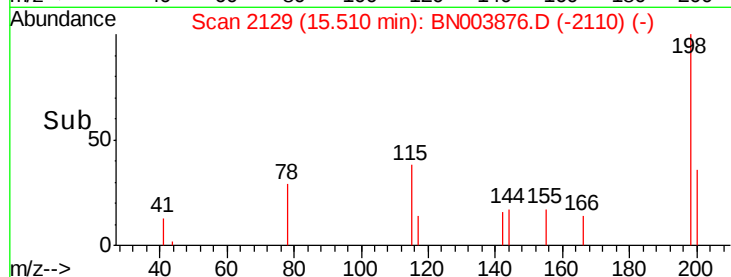
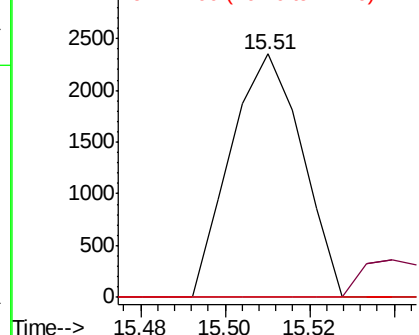
#63
 4,6-Dinitro-2-methylphenol
 Concen: 1.828 ng/ul
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.09 min
 Lab File: BN003876.D
 Acq: 13 Dec 2018 05:54

Instrument :
 BNA_N
 ClientSampleId :
 F9E50

Tgt Ion:198 Resp: 2766
 Ion Ratio Lower Upper
 198 100
 182 0.0 3.0 4.4#
 77 0.0 17.4 26.2#

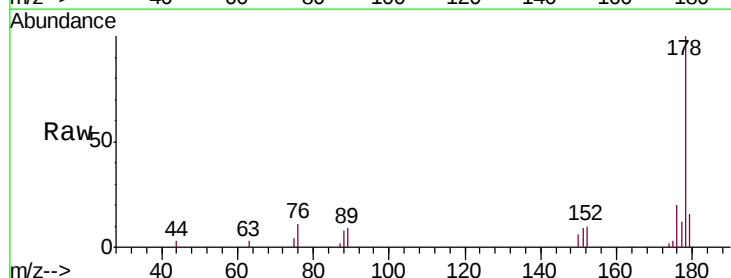


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BNC

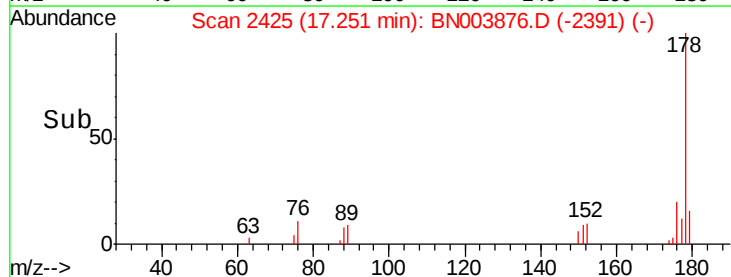
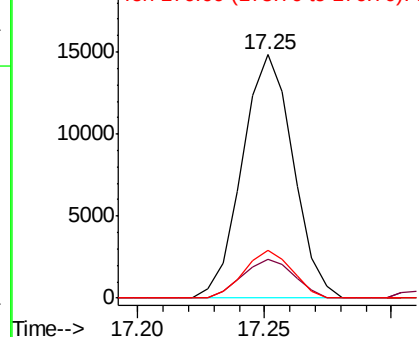


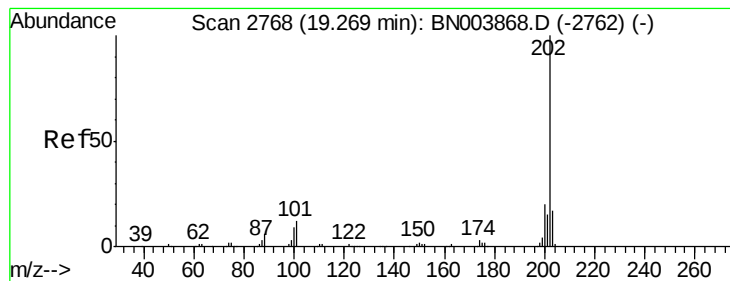
#69
 Phenanthrene
 Concen: 1.762 ng/ul
 RT: 17.25 min Scan# 2425
 Delta R.T. -0.00 min
 Lab File: BN003876.D
 Acq: 13 Dec 2018 05:54

Tgt Ion:178 Resp: 20820
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.1 18.1
 176 19.5 15.0 22.6



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: 1.946 ng/ul

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BN003876.D

Acq: 13 Dec 2018 05:54

Instrument :

BNA_N

ClientSampleId :

F9E50

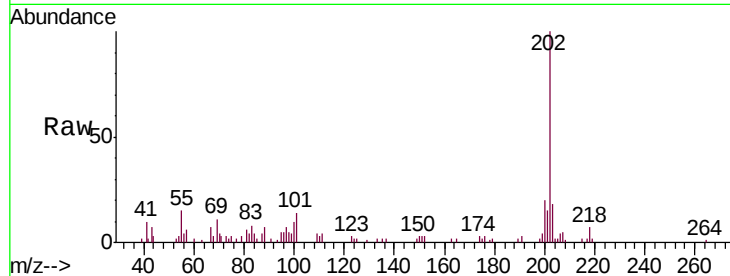
Tgt Ion:202 Resp: 28182

Ion Ratio Lower Upper

202 100

101 14.2 10.2 15.2

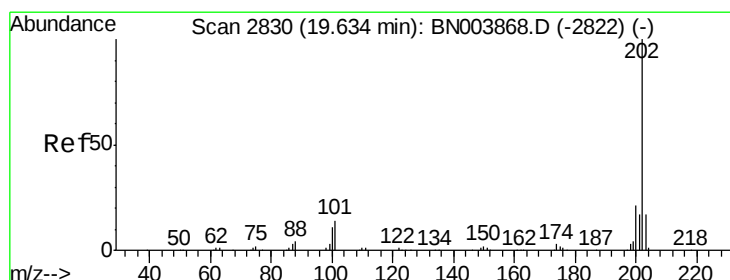
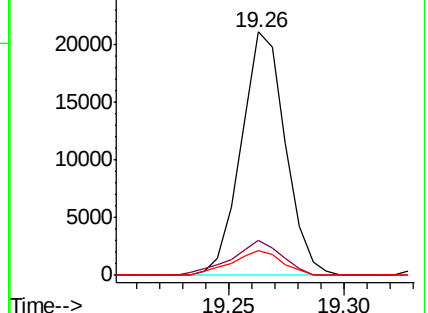
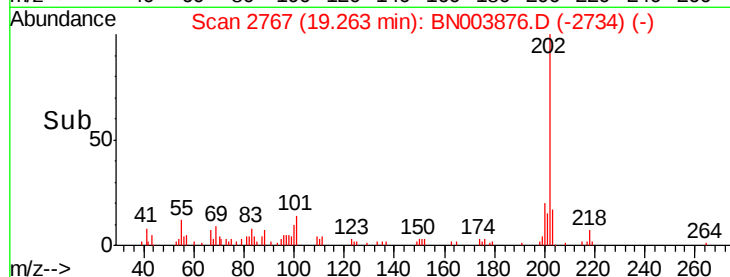
100 10.1 7.8 11.8



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: 2.890 ng/ul

RT: 19.63 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BN003876.D

Acq: 13 Dec 2018 05:54

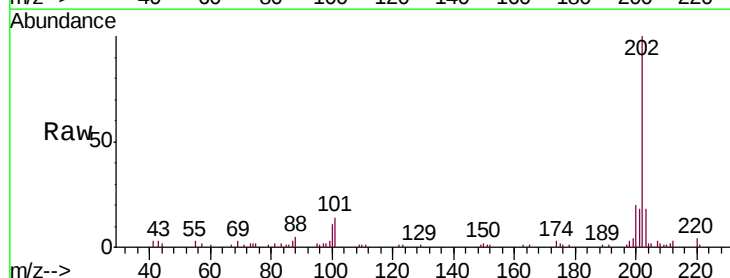
Tgt Ion:202 Resp: 44187

Ion Ratio Lower Upper

202 100

101 13.5 12.2 18.2

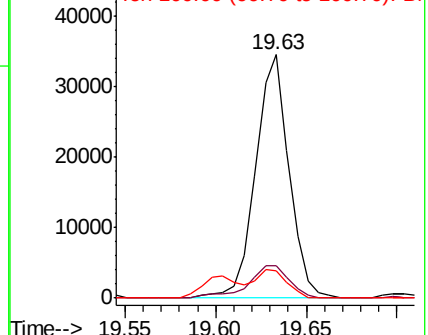
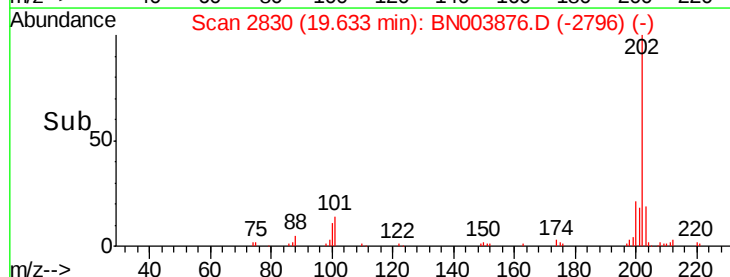
100 11.0 9.9 14.9

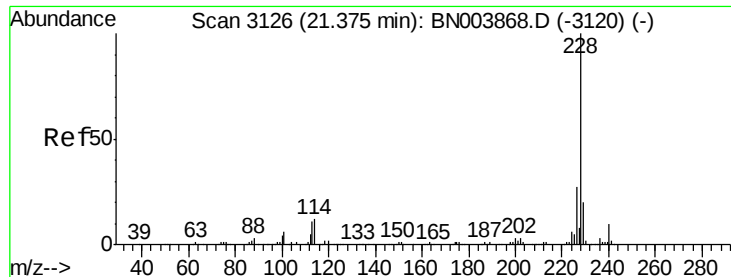


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 1.575 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BN003876.D

Acq: 13 Dec 2018 05:54

Instrument :

BNA_N

ClientSampleId :

F9E50

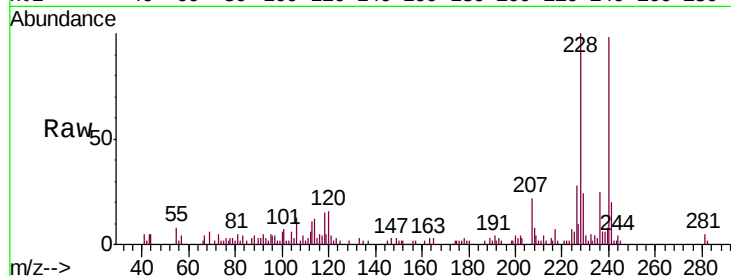
Tgt Ion:228 Resp: 26884

Ion Ratio Lower Upper

228 100

229 23.6 15.9 23.9

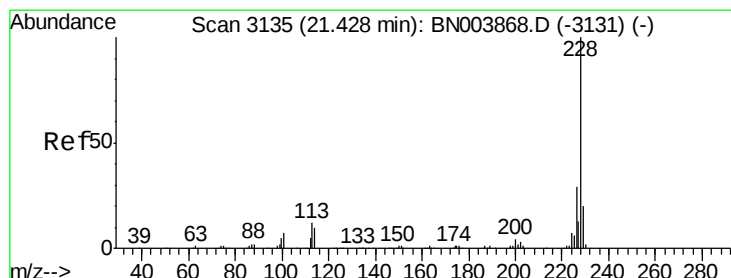
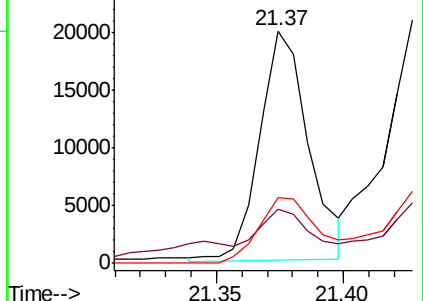
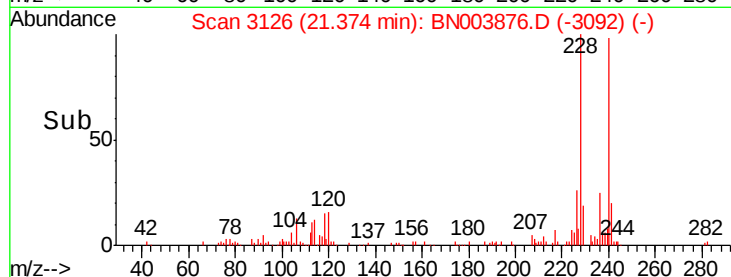
226 28.3 21.4 32.2



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



#84

Chrysene

Concen: 1.682 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. -0.05 min

Lab File: BN003876.D

Acq: 13 Dec 2018 05:54

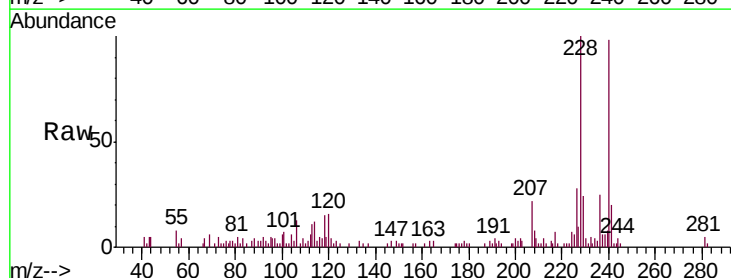
Tgt Ion:228 Resp: 26884

Ion Ratio Lower Upper

228 100

226 28.3 23.8 35.8

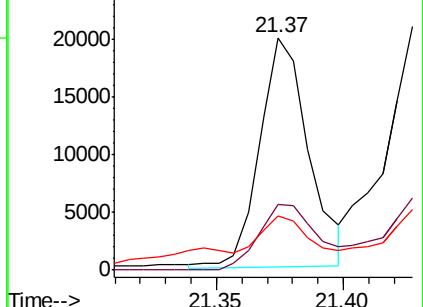
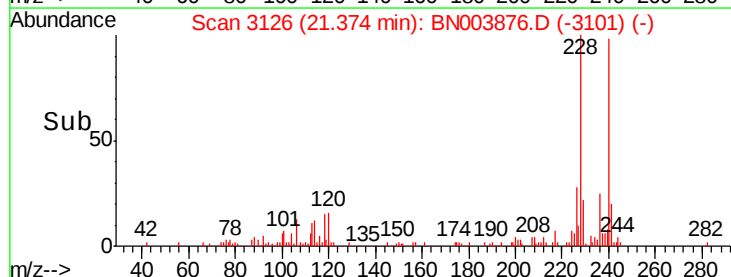
229 23.6 15.8 23.6

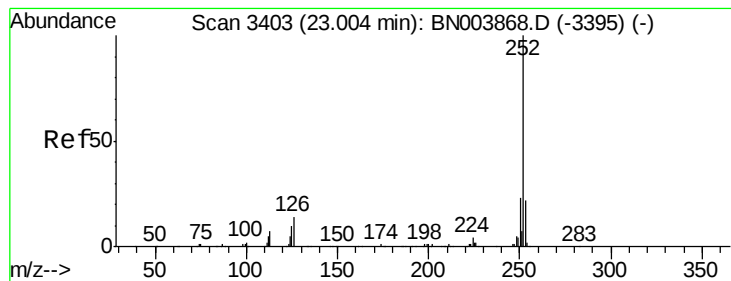


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 2.063 ng/ul

RT: 23.00 min Scan# 3403

Delta R.T. -0.00 min

Lab File: BN003876.D

Acq: 13 Dec 2018 05:54

Instrument :

BNA_N

ClientSampleId :

F9E50

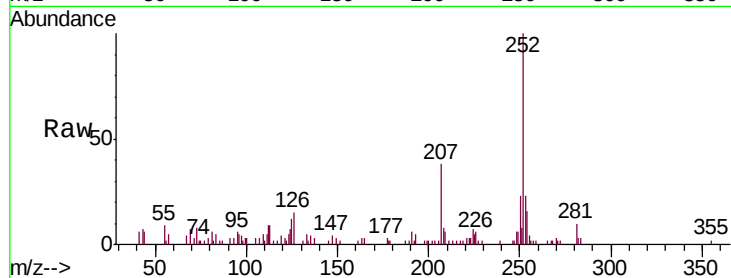
Tgt Ion:252 Resp: 41969

Ion Ratio Lower Upper

252 100

253 23.4 17.3 25.9

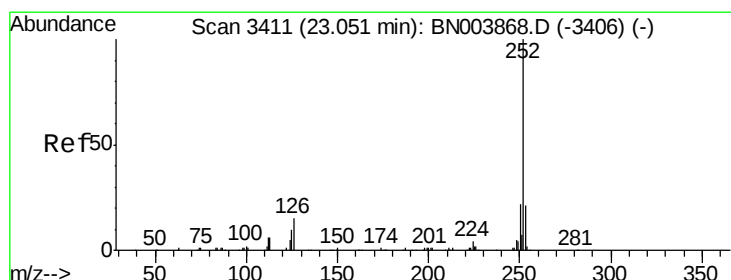
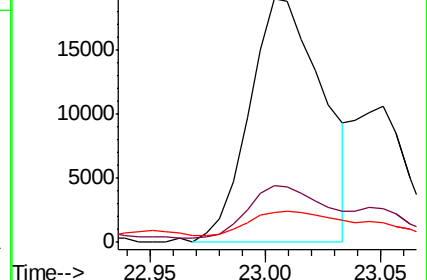
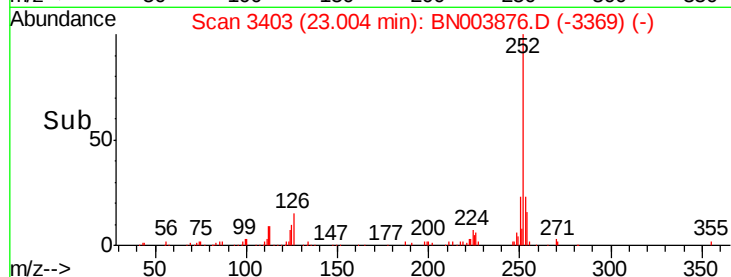
125 12.5 8.2 12.4#



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: 2.203 ng/ul

RT: 23.00 min Scan# 3403

Delta R.T. -0.05 min

Lab File: BN003876.D

Acq: 13 Dec 2018 05:54

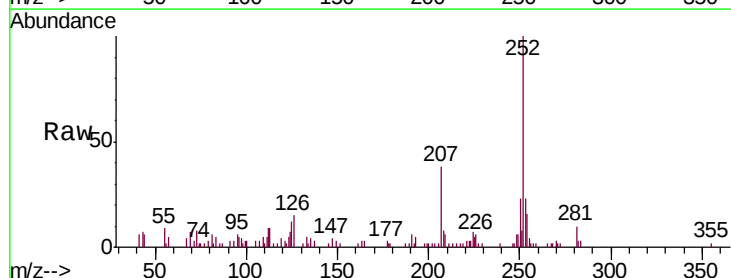
Tgt Ion:252 Resp: 41969

Ion Ratio Lower Upper

252 100

253 23.4 17.1 25.7

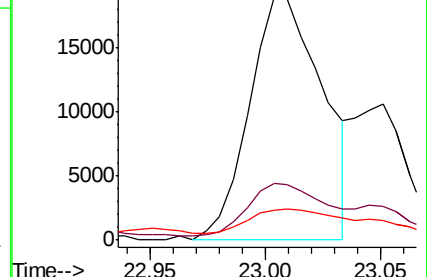
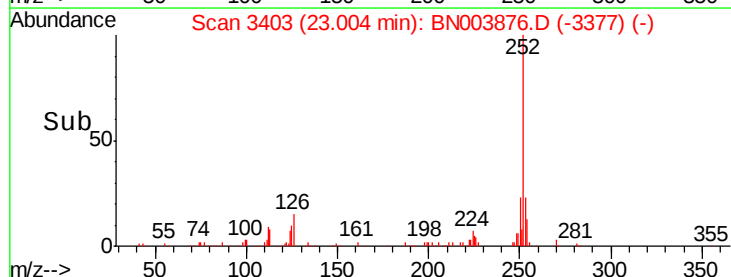
125 12.5 7.9 11.9#

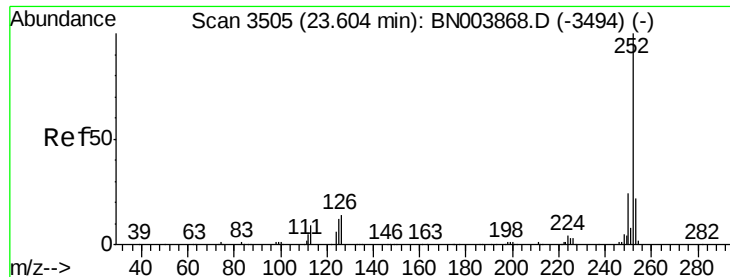


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 1.564 ng/ul

RT: 23.61 min Scan# 3506

Delta R.T. 0.01 min

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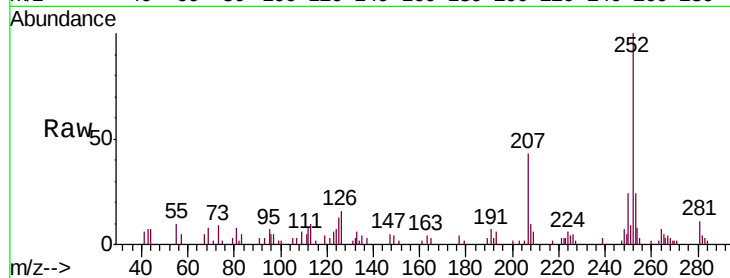
Tgt Ion:252 Resp: 30639

Ion Ratio Lower Upper

252 100

253 23.7 17.5 26.3

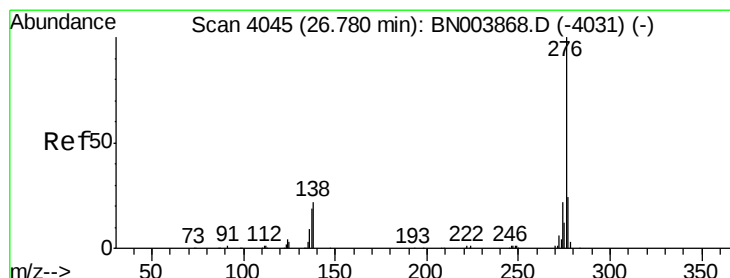
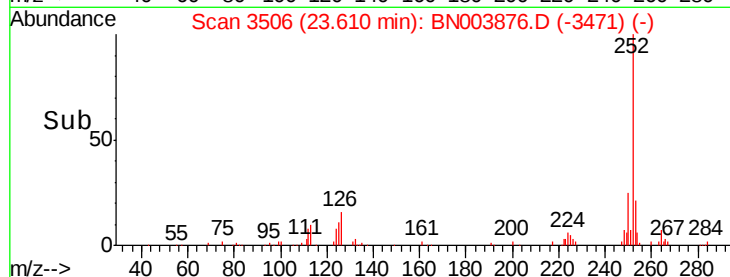
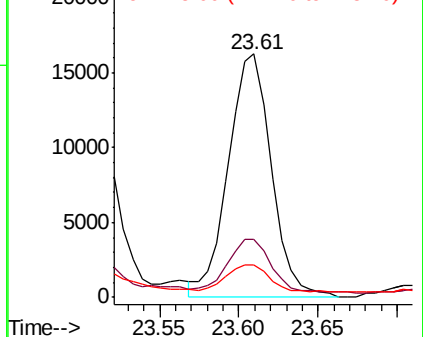
125 13.3 9.1 13.7



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



#93

Benzo(g,h,i)perylene

Concen: 1.064 ng/ul

RT: 26.77 min Scan# 4044

Delta R.T. -0.01 min

Lab File: BN003876.D

Acq: 13 Dec 2018 05:54

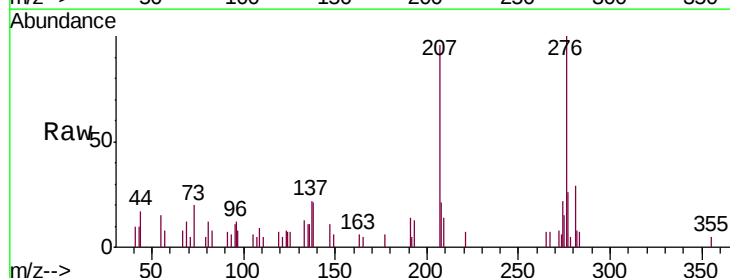
Tgt Ion:276 Resp: 22742

Ion Ratio Lower Upper

276 100

138 21.2 18.2 27.4

277 25.9 19.0 28.6



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

