

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005869.D
 Acq On : 23 May 2019 02:23
 Operator : JU/SJ
 Sample : K2927-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 23 05:08:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	64240	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	276754	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	198107	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	528293	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	656491	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	763370	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	6693	5.83	ng/uL	0.00
5) Phenol-d5	6.76	99	120414	24.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	72745	28.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	107001	26.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	98568	23.22	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	55066	27.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	59675	25.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	108835	24.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	102151	20.78	ng/ul	0.01
43) Dimethylphthalate-d6	13.62	166	454993	29.85	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	551765	29.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	20856	9.71	ng/ul	0.03
57) Fluorene-d10	15.20	176	419130	32.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	34065	10.73	ng/ul	0.01
70) Anthracene-d10	17.06	188	675555	29.60	ng/ul	0.00
78) Pyrene-d10	19.37	212	860430	26.60	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.25	264	982837	28.70	ng/ul	0.00

Target Compounds

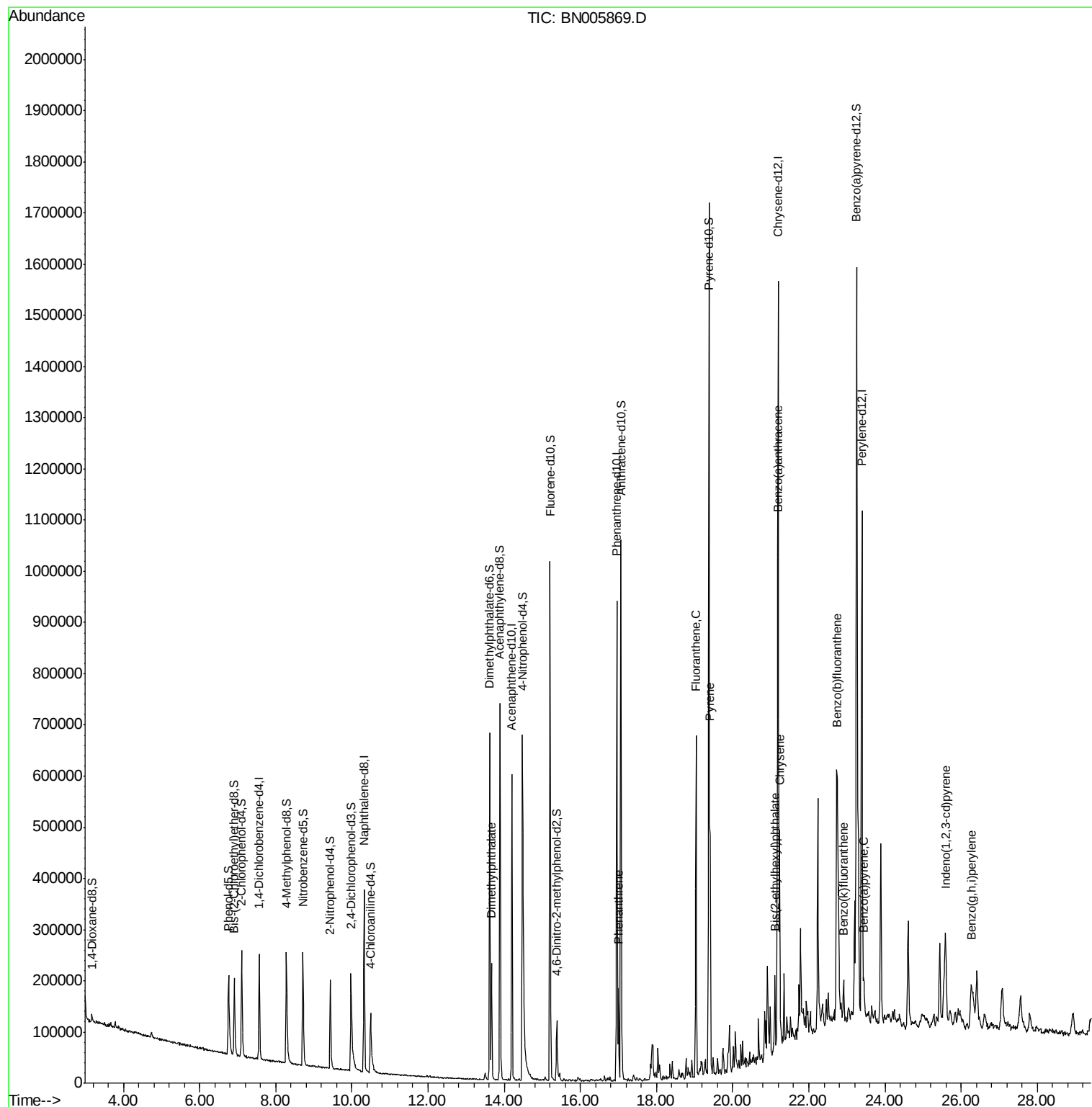
					Ovalue	
44) Dimethylphthalate	13.67	163	147920	9.842	ng/ul	99
69) Phenanthrene	17.00	178	113559	4.336	ng/ul	98
76) Fluoranthene	19.04	202	418477	12.925	ng/ul#	87
79) Pyrene	19.40	202	381020	9.451	ng/ul#	87
82) Benzo(a)anthracene	21.17	228	240877	5.824	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.11	149	44166	1.885	ng/ul	98
84) Chrysene	21.23	228	263381	6.755	ng/ul	99
87) Benzo(b)fluoranthene	22.75	252	373653	8.897	ng/ul#	95
88) Benzo(k)fluoranthene	22.91	252	47149	1.160	ng/ul	93
90) Benzo(a)pyrene	23.44	252	49029	1.206	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.59	276	159104	3.200	ng/ul#	89
93) Benzo(g,h,i)perylene	26.26	276	103720	2.496	ng/ul#	87

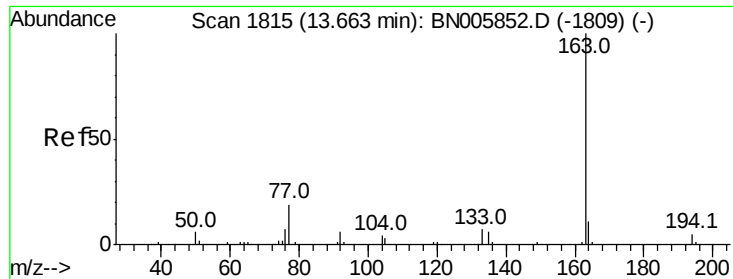
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
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Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 9.842 ng/ul

RT: 13.67 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BN005869.D

Acq: 23 May 2019 02:23

Instrument :

BNA_N

ClientSampleId :

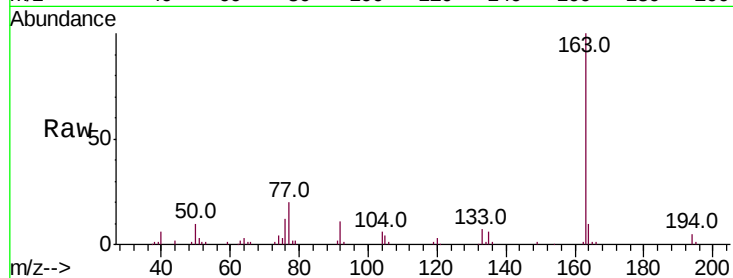
Tot Ion:163 Resp: 147920

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

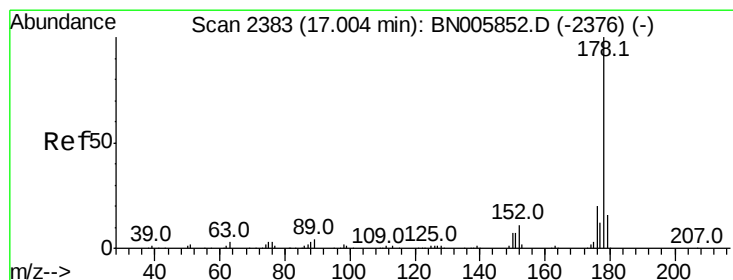
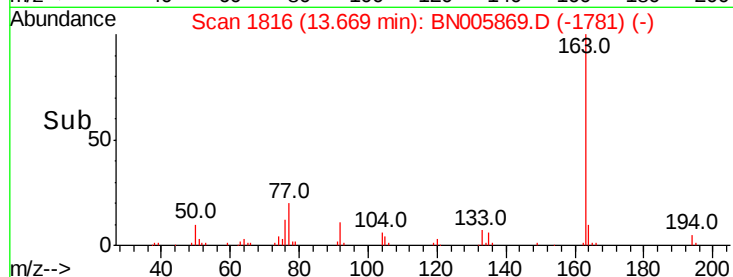
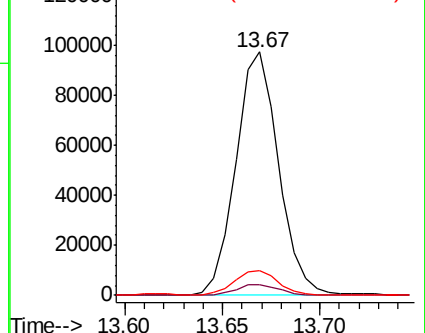
164 10.0 8.1 12.1



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: 4.336 ng/ul

RT: 17.00 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BN005869.D

Acq: 23 May 2019 02:23

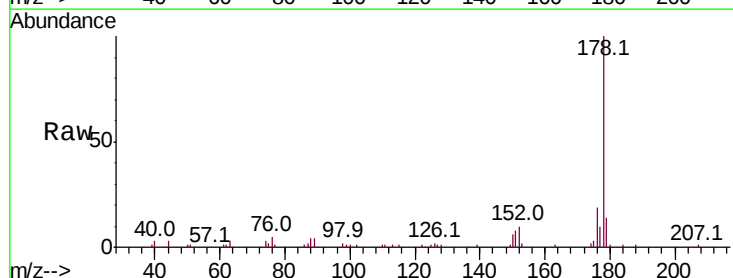
Tgt Ion:178 Resp: 113559

Ion Ratio Lower Upper

178 100

179 14.0 12.2 18.4

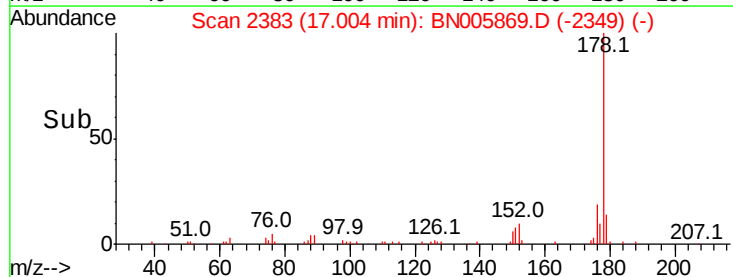
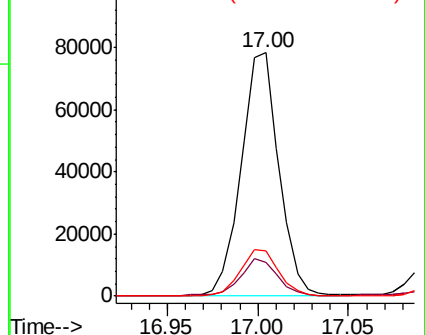
176 18.6 15.1 22.7

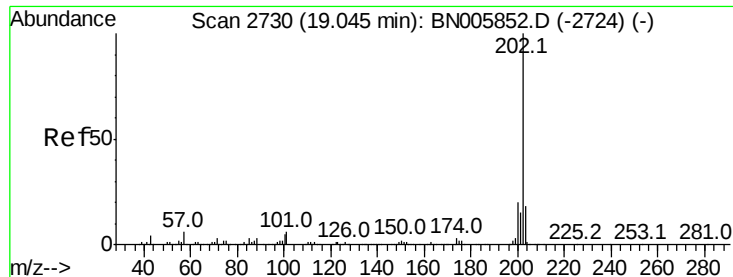


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 12.925 ng/ul

RT: 19.04 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BN005869.D

Acq: 23 May 2019 02:23

Instrument :

BNA_N

ClientSampleId :

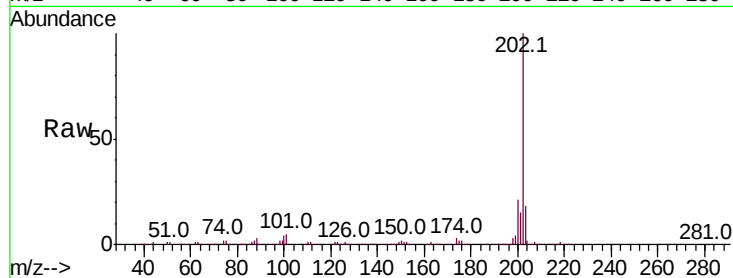
Tot Ion:202 Resp: 418477

Ion Ratio Lower Upper

202 100

101 4.9 8.6 12.8#

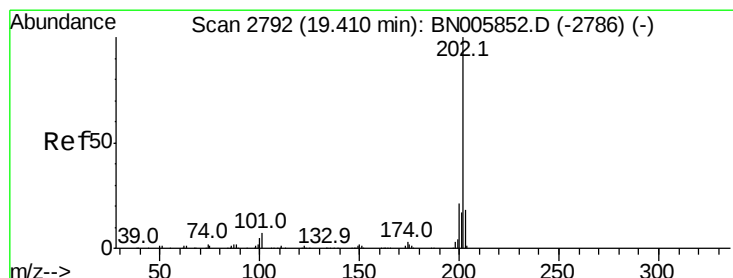
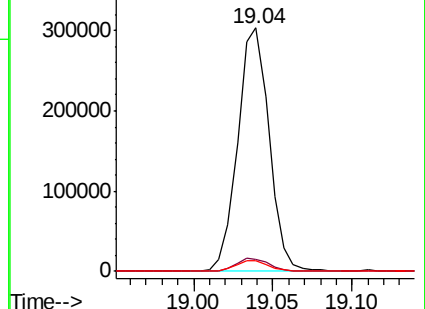
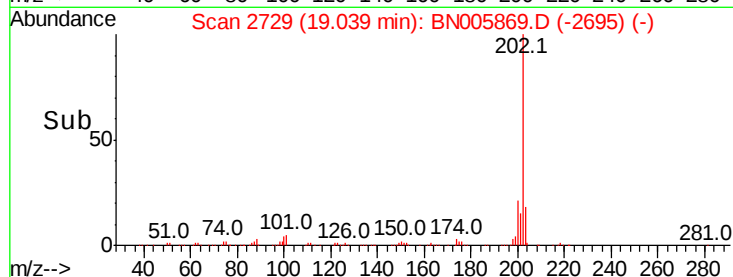
100 4.4 6.3 9.5#



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: 9.451 ng/ul

RT: 19.40 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BN005869.D

Acq: 23 May 2019 02:23

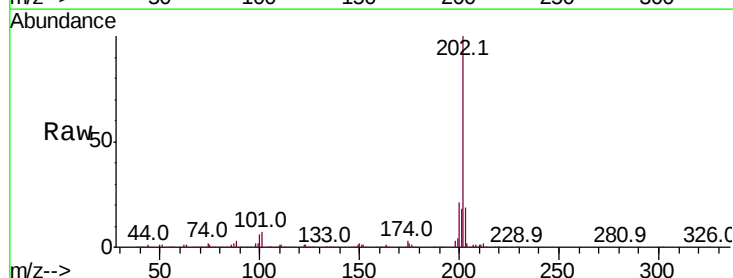
Tgt Ion:202 Resp: 381020

Ion Ratio Lower Upper

202 100

101 6.8 10.3 15.5#

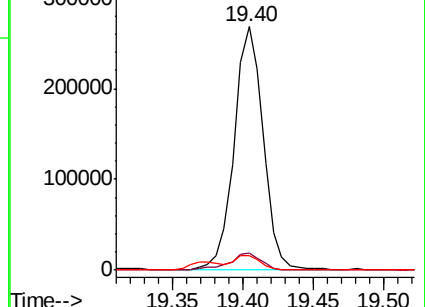
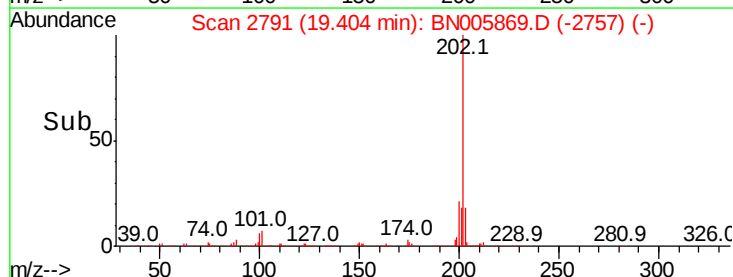
100 5.9 7.9 11.9#

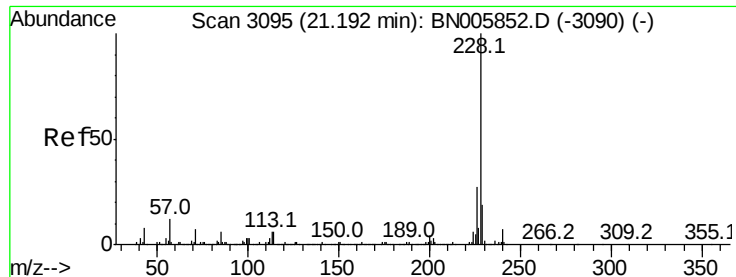


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

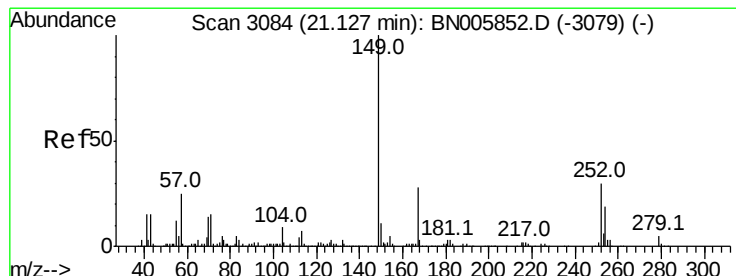
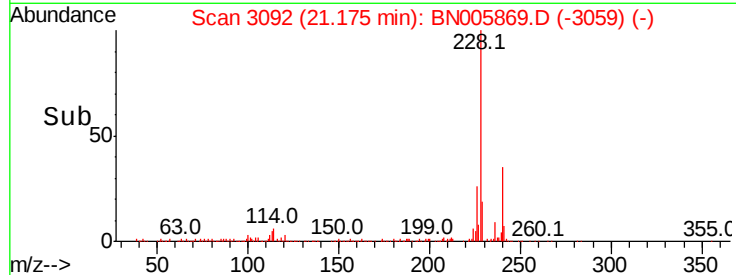
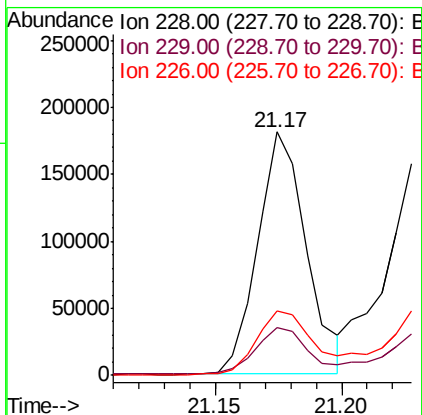
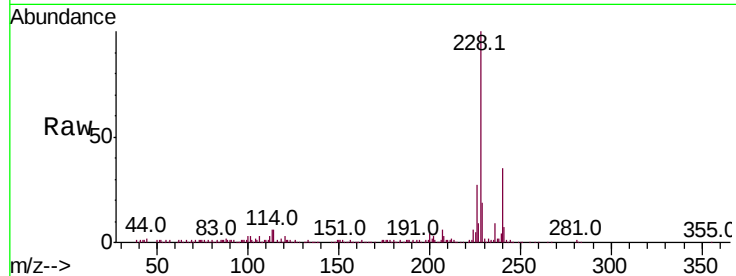




#82
Benzo(a)anthracene
Concen: 5.824 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BN005869.D
Acq: 23 May 2019 02:23

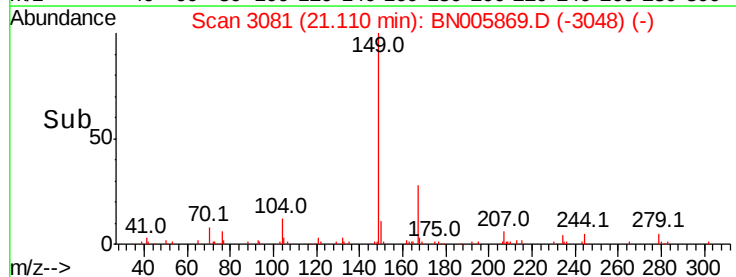
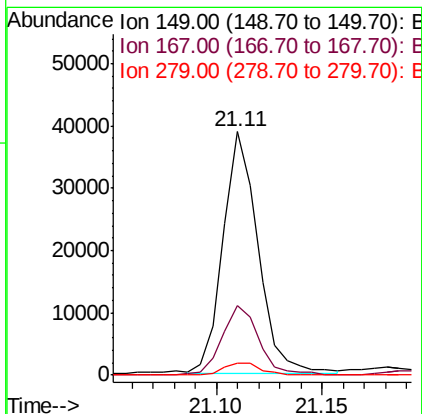
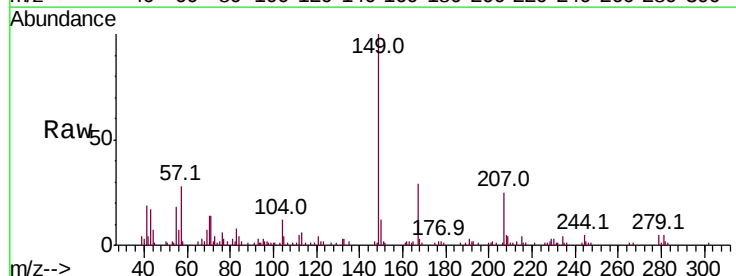
Instrument :
BNA_N
ClientSampled :

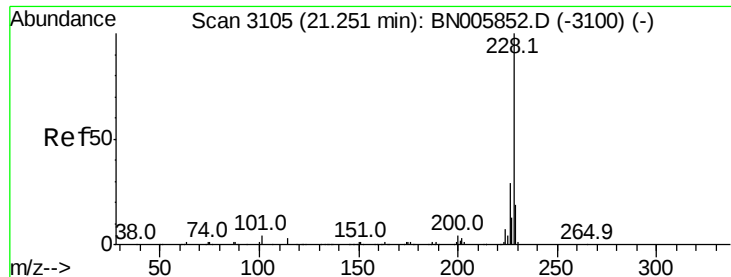
Tot Ion:228 Resp: 240877
Ion Ratio Lower Upper
228 100
229 19.4 15.8 23.6
226 26.7 21.4 32.2



#83
Bis(2-ethylhexyl)phthalate
Concen: 1.885 ng/ul
RT: 21.11 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BN005869.D
Acq: 23 May 2019 02:23

Tgt Ion:149 Resp: 44166
Ion Ratio Lower Upper
149 100
167 28.7 22.3 33.5
279 4.8 3.3 4.9





#84

Chrysene

Concen: 6.755 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BN005869.D

Acq: 23 May 2019 02:23

Instrument :

BNA_N

ClientSampled :

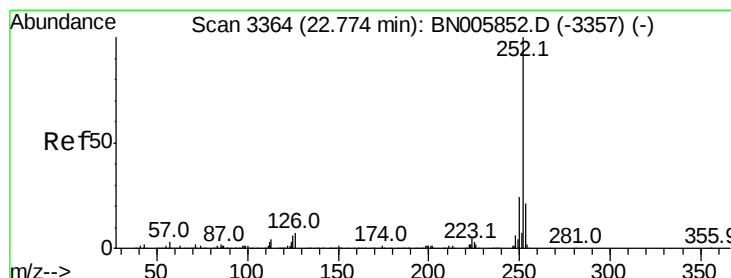
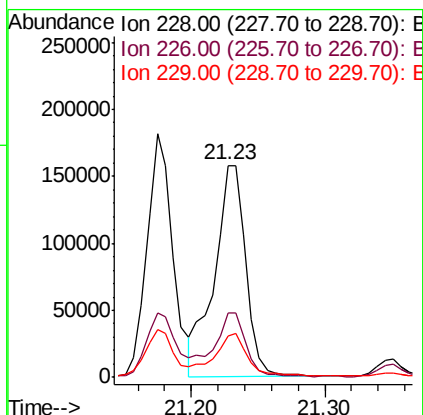
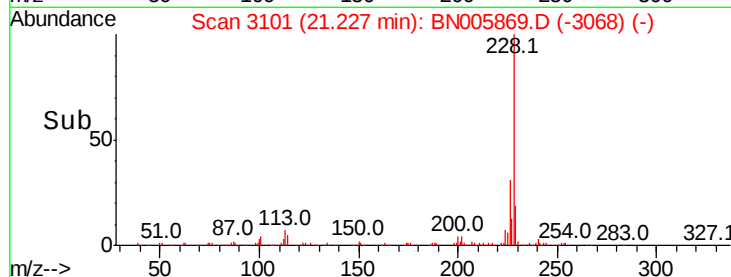
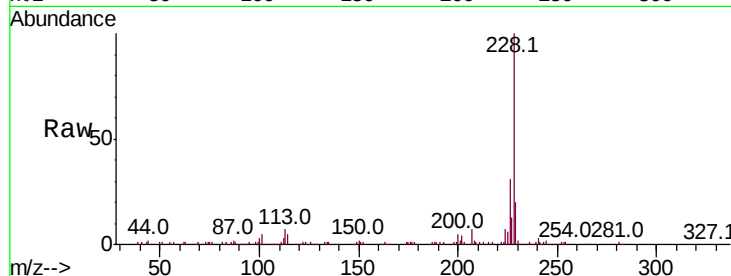
Tot Ion:228 Resp: 263381

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

229 19.5 15.4 23.0



#87

Benzo(b)fluoranthene

Concen: 8.897 ng/ul

RT: 22.75 min Scan# 3359

Delta R.T. 0.01 min

Lab File: BN005869.D

Acq: 23 May 2019 02:23

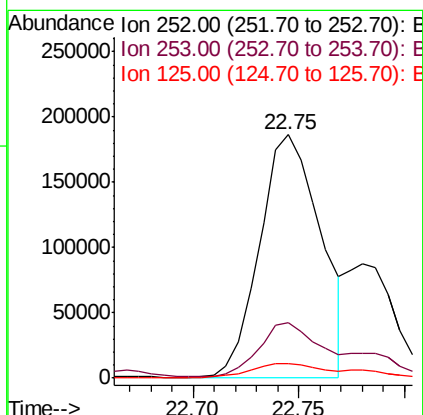
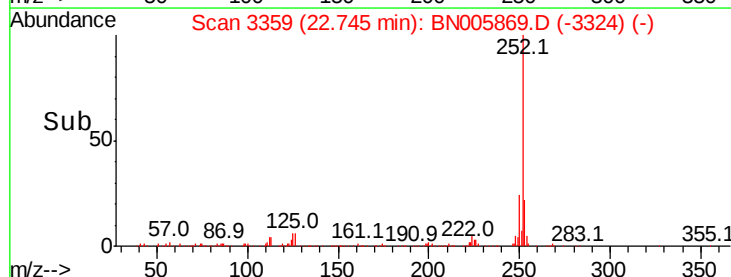
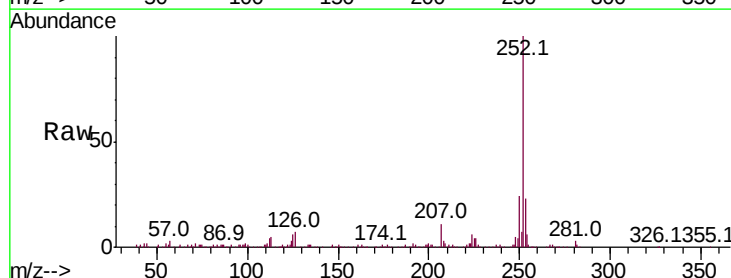
Tgt Ion:252 Resp: 373653

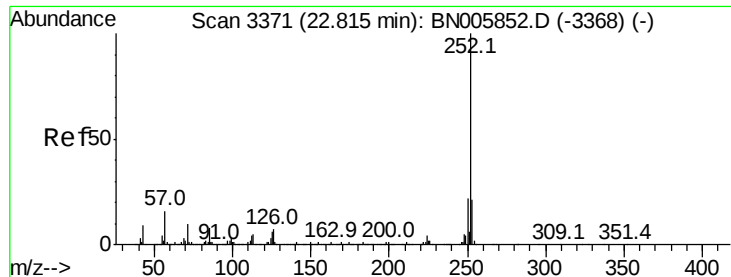
Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 5.9 8.4 12.6#





#88

Benzo(k)fluoranthene

Concen: 1.160 ng/ul

RT: 22.91 min Scan# 3387

Delta R.T. 0.12 min

Lab File: BN005869.D

Acq: 23 May 2019 02:23

Instrument :

BNA_N

ClientSampleId :

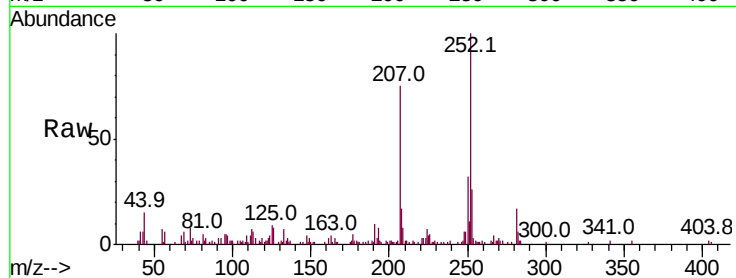
Tot Ion:252 Resp: 47149

Ion Ratio Lower Upper

252 100

253 26.0 17.4 26.0

125 8.7 7.5 11.3

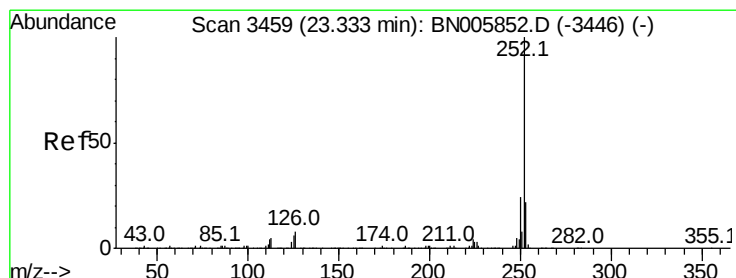
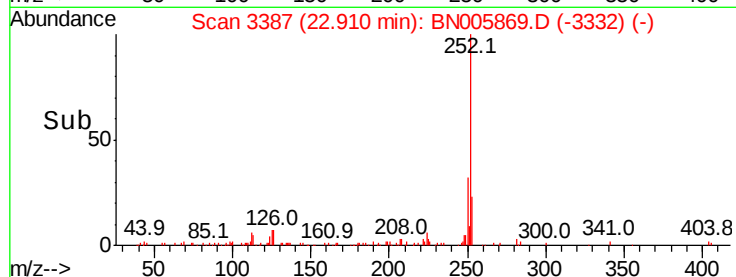
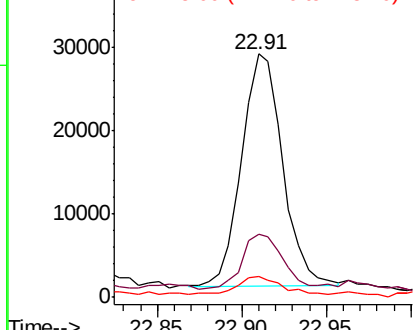


Abundance

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: 1.206 ng/ul

RT: 23.44 min Scan# 3477

Delta R.T. 0.14 min

Lab File: BN005869.D

Acq: 23 May 2019 02:23

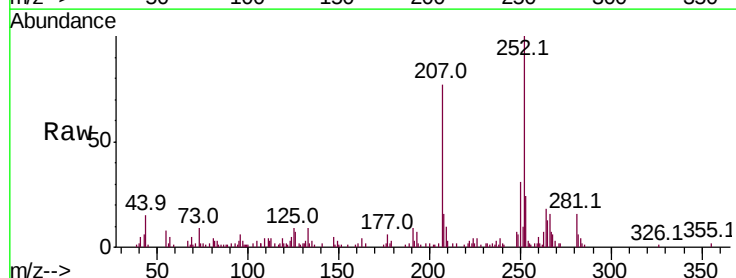
Tgt Ion:252 Resp: 49029

Ion Ratio Lower Upper

252 100

253 23.5 17.3 25.9

125 9.0 8.6 13.0

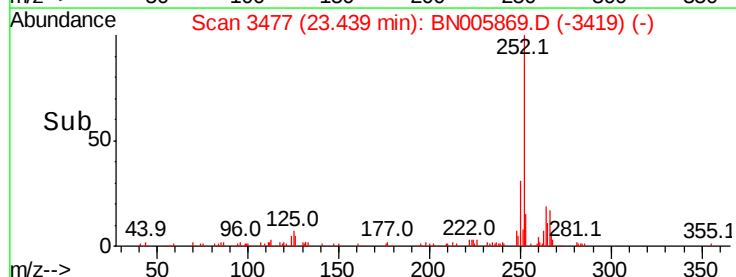
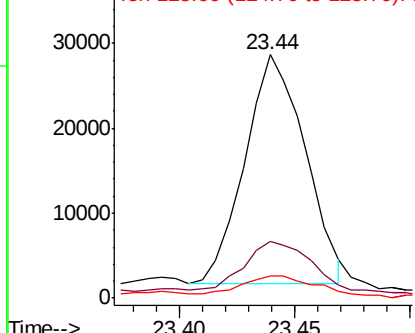


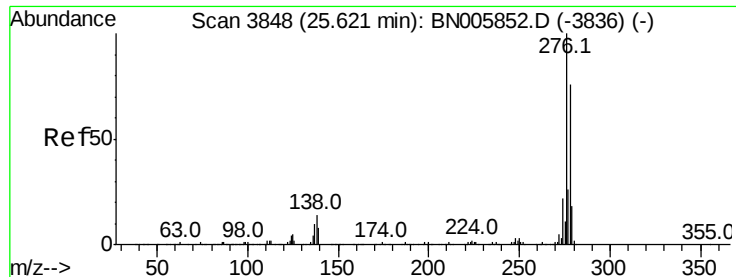
Abundance

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



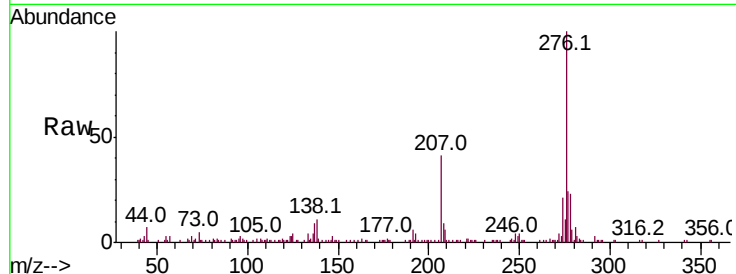


#91

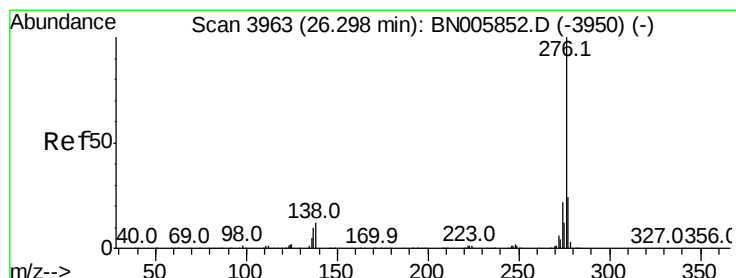
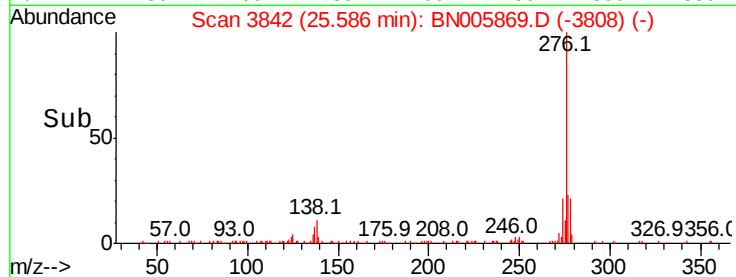
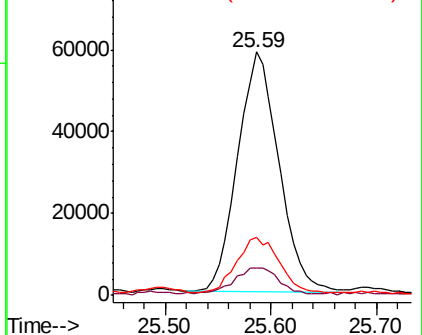
Indeno(1,2,3-cd)pyrene
Concen: 3.200 ng/u1
RT: 25.59 min Scan# 3842
Delta R.T. -0.00 min
Lab File: BN005869.D
Acq: 23 May 2019 02:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.5	17.9	26.9#
277	24.1	19.7	29.5



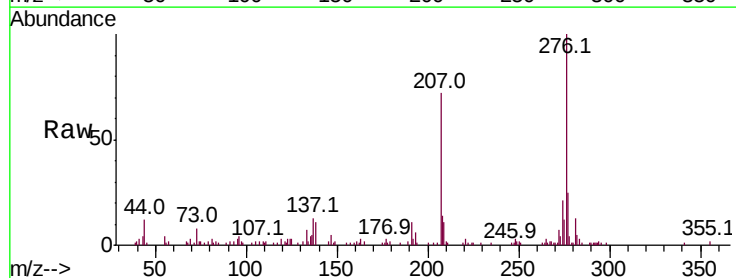
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#93

Benzo(g,h,i)perylene
Concen: 2.496 ng/u1
RT: 26.26 min Scan# 3956
Delta R.T. -0.00 min
Lab File: BN005869.D
Acq: 23 May 2019 02:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.8	16.7	25.1#
277	25.4	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

