

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005939.D
 Acq On : 29 May 2019 20:14
 Operator : JU/SJ
 Sample : K2924-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4280

Quant Time: May 30 05:01:25 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	594350	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	2696385	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	1564262	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	3416724	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	2284210	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	2307848	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	78566	5.82	ng/uL	0.00
5) Phenol-d5	6.89	99	1737653	32.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	987026	32.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	1360715	33.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	1345272	31.64	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	683262	39.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	729858	45.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	1370175	36.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	1084244	21.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	3977133	34.49	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	5068565	35.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	719523	34.29	ng/ul	0.00
57) Fluorene-d10	15.37	176	3460000	35.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	182940	13.14	ng/ul	0.00
70) Anthracene-d10	17.22	188	5157693	35.47	ng/ul	0.00
78) Pyrene-d10	19.53	212	4863600	42.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	3606450	35.02	ng/ul	0.01

Target Compounds

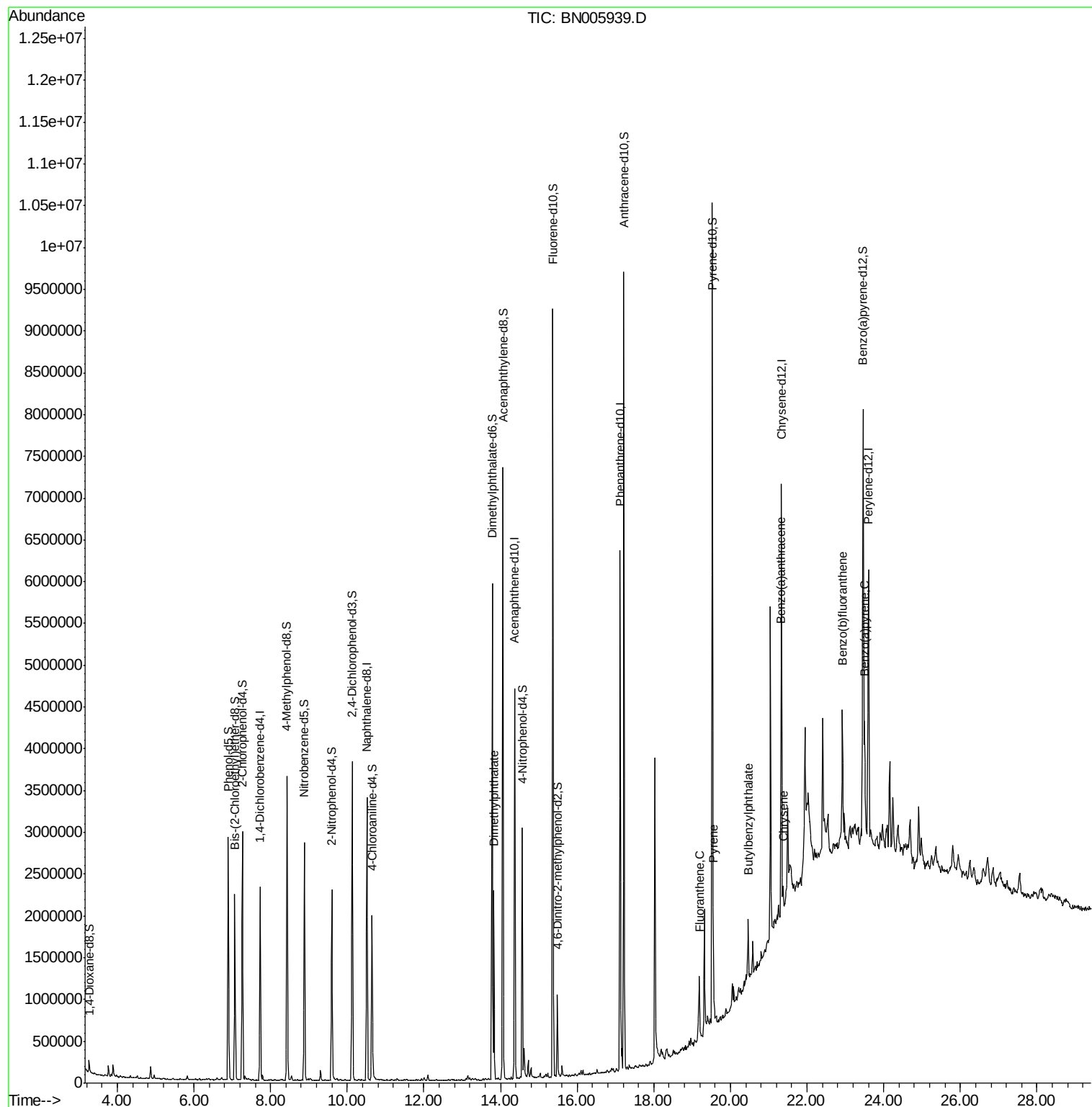
					Ovalue	
44) Dimethylphthalate	13.83	163	1324013	11.487	ng/ul	100
76) Fluoranthene	19.19	202	352495	1.951	ng/ul#	93
79) Pyrene	19.55	202	355661	2.458	ng/ul#	93
80) Butylbenzylphthalate	20.46	149	191867	2.951	ng/ul	96
82) Benzo(a)anthracene	21.32	228	145818	1.016	ng/ul#	88
84) Chrysene	21.37	228	170152	1.271	ng/ul#	91
87) Benzo(b)fluoranthene	22.92	252	175996	1.358	ng/ul#	35
90) Benzo(a)pyrene	23.51	252	124351	1.017	ng/ul#	59

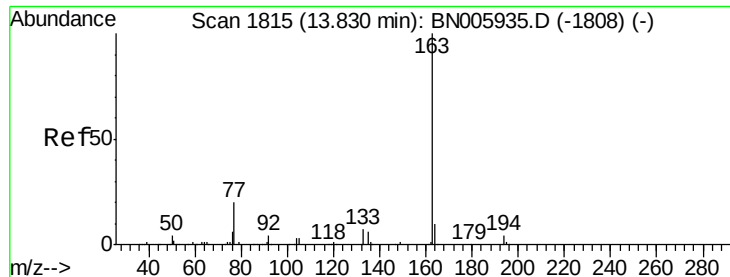
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 11.487 ng/ul

RT: 13.83 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BN005939.D

Acq: 29 May 2019 20:14

Instrument :

BNA_N

ClientSampleId :

A4280

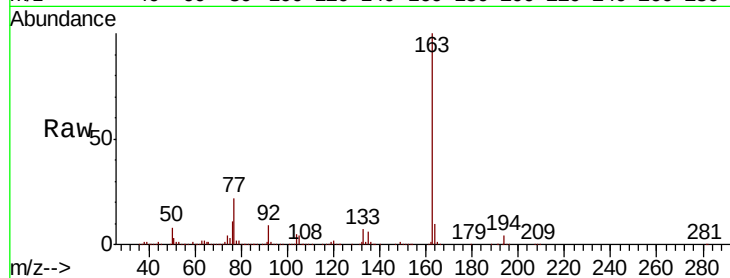
Tot Ion:163 Resp: 1324013

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

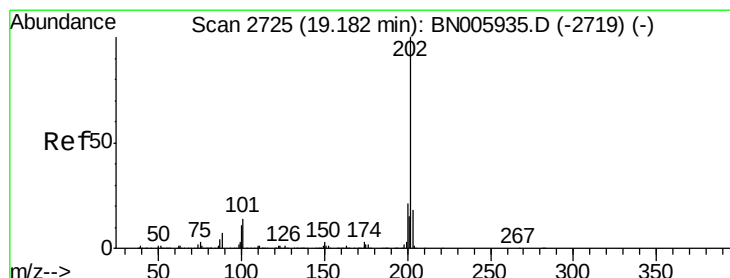
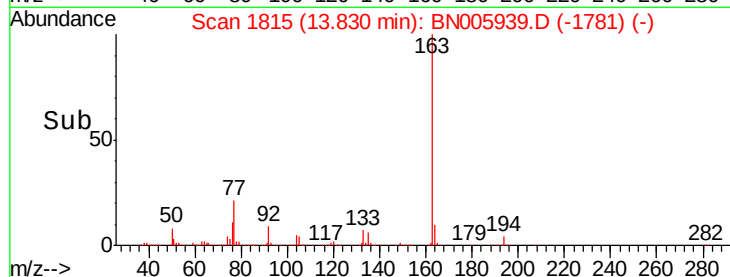
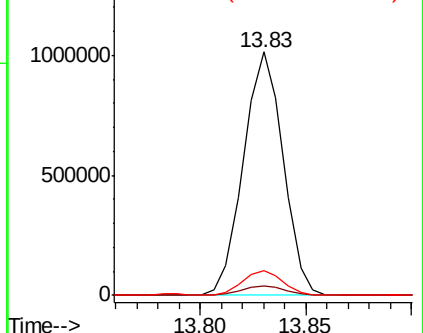
164 10.1 8.1 12.1



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



#76

Fluoranthene

Concen: 1.951 ng/ul

RT: 19.19 min Scan# 2726

Delta R.T. 0.00 min

Lab File: BN005939.D

Acq: 29 May 2019 20:14

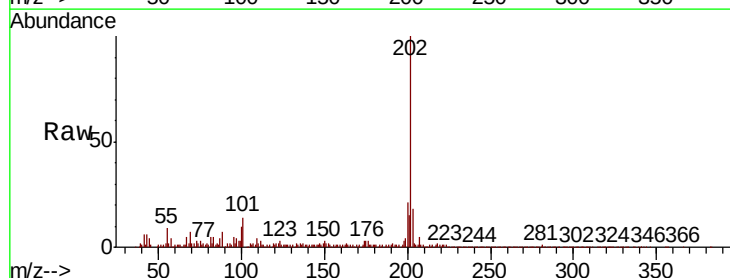
Tgt Ion:202 Resp: 352495

Ion Ratio Lower Upper

202 100

101 13.9 8.6 12.8#

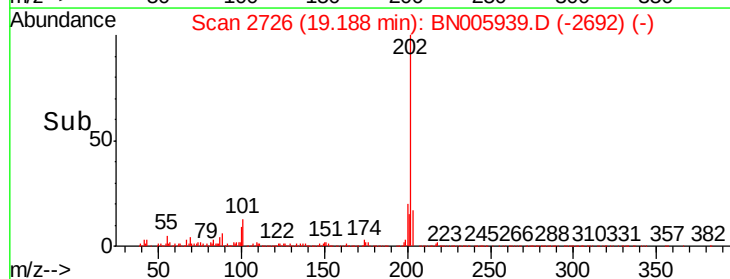
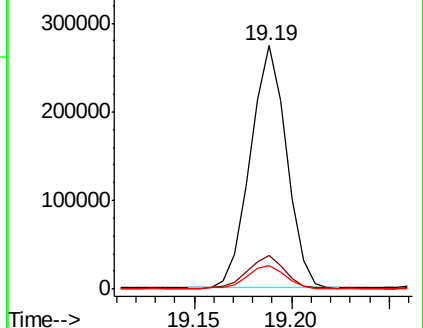
100 9.5 6.3 9.5#

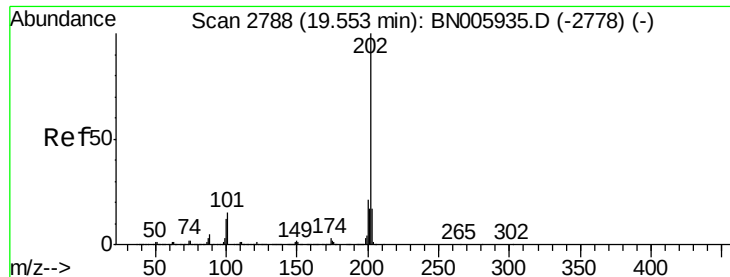


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 2.458 ng/ul

RT: 19.55 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BN005939.D

Acq: 29 May 2019 20:14

Instrument :

BNA_N

ClientSampleId :

A4280

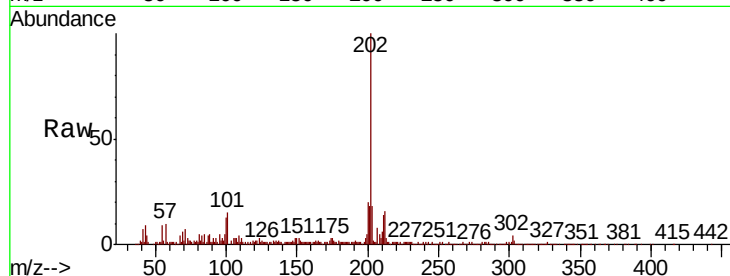
Tot Ion:202 Resp: 355661

Ion Ratio Lower Upper

202 100

101 15.5 10.3 15.5

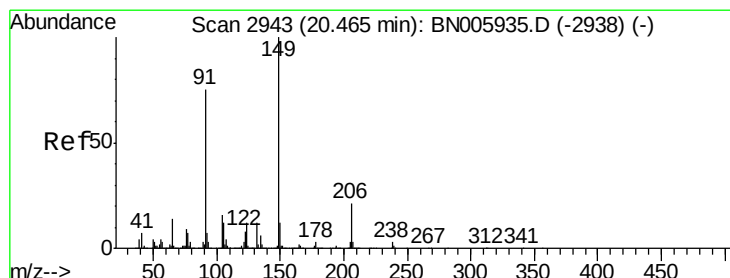
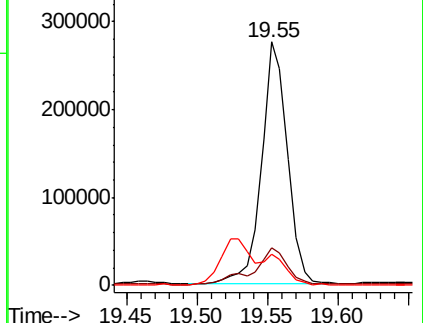
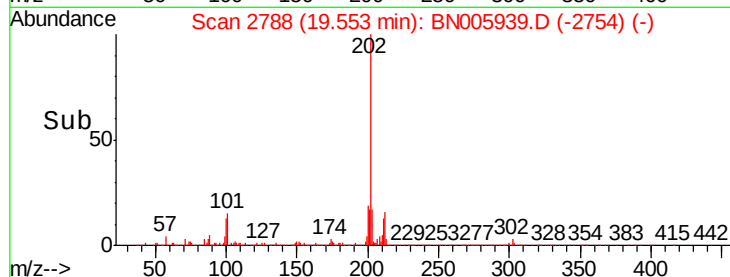
100 12.7 7.9 11.9#



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



#80

Butylbenzylphthalate

Concen: 2.951 ng/ul

RT: 20.46 min Scan# 2943

Delta R.T. -0.00 min

Lab File: BN005939.D

Acq: 29 May 2019 20:14

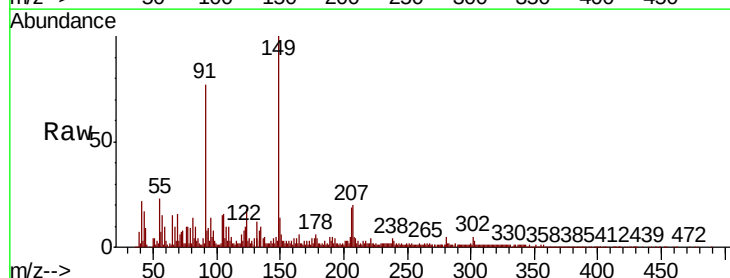
Tgt Ion:149 Resp: 191867

Ion Ratio Lower Upper

149 100

91 77.4 59.6 89.4

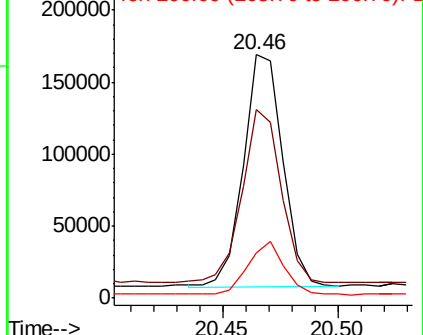
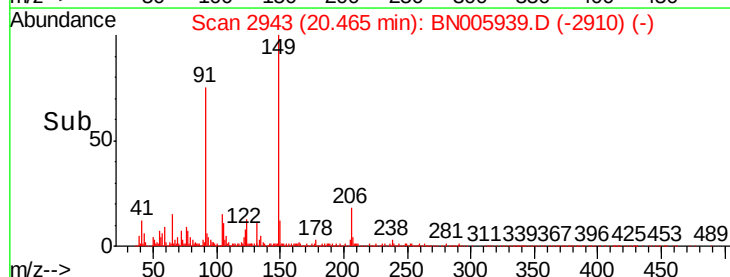
206 18.6 17.8 26.8

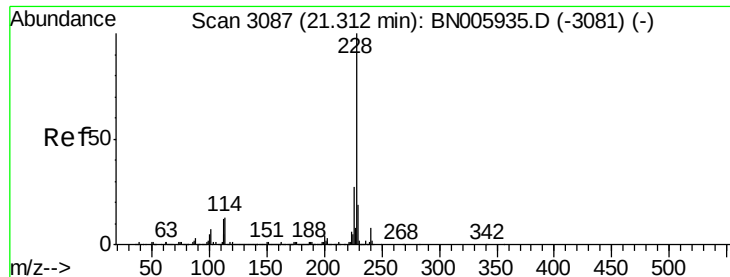


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#82

Benzo(a)anthracene

Concen: 1.016 ng/ul

RT: 21.32 min Scan# 3088

Delta R.T. 0.00 min

Lab File: BN005939.D

Acq: 29 May 2019 20:14

Instrument :

BNA_N

ClientSampleId :

A4280

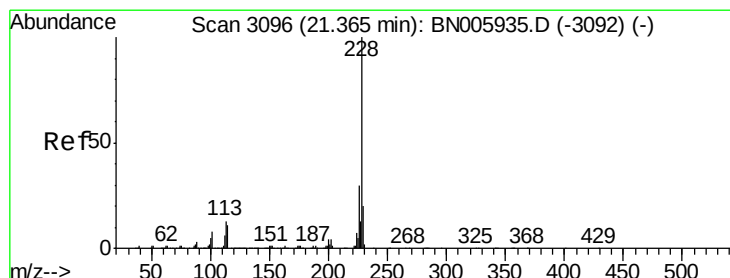
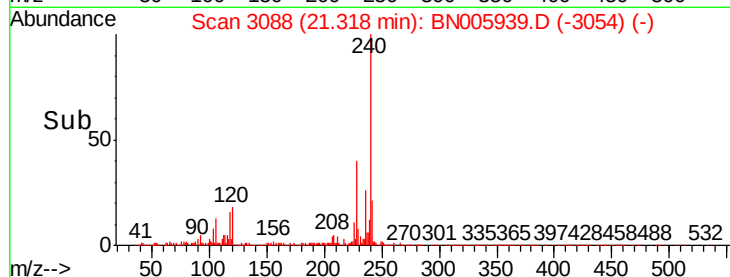
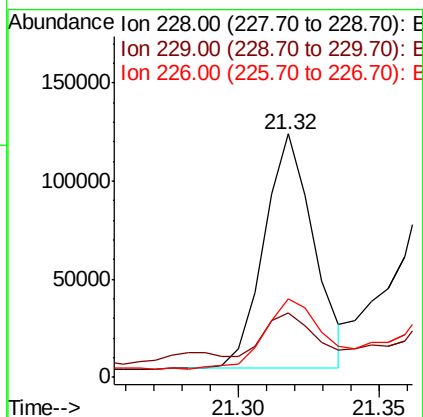
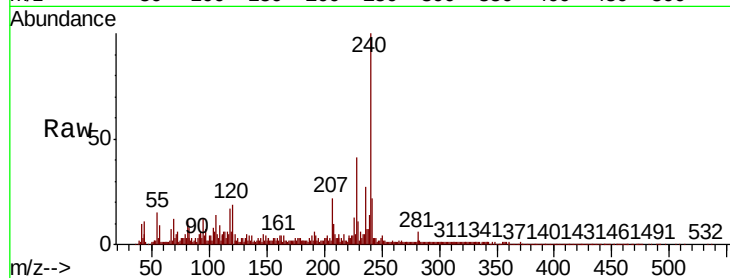
Tot Ion:228 Resp: 145818

Ion Ratio Lower Upper

228 100

229 26.6 15.8 23.6#

226 32.2 21.4 32.2#



#84

Chrysene

Concen: 1.271 ng/ul

RT: 21.37 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BN005939.D

Acq: 29 May 2019 20:14

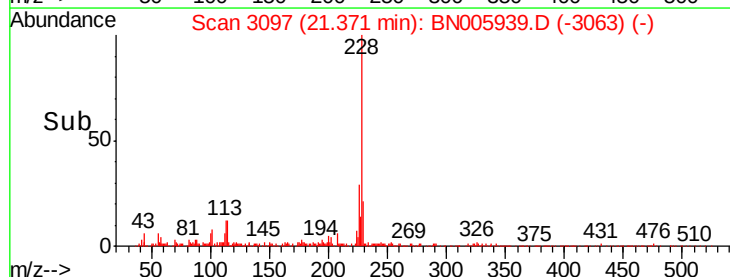
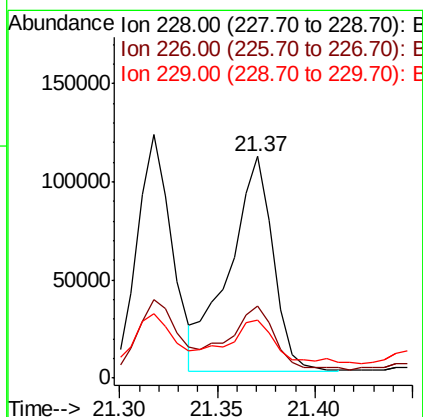
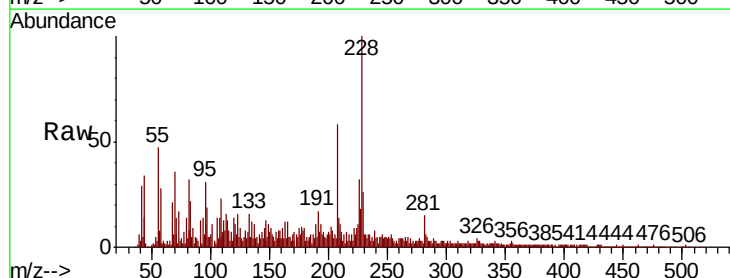
Tgt Ion:228 Resp: 170152

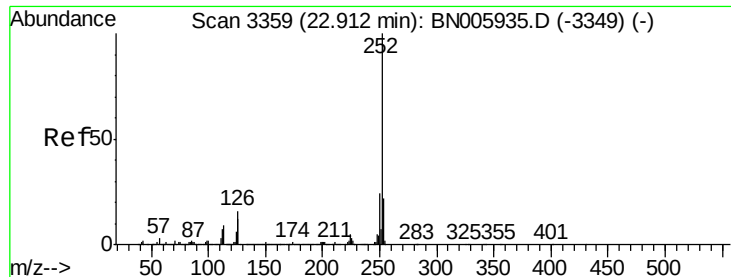
Ion Ratio Lower Upper

228 100

226 32.3 24.0 36.0

229 26.5 15.4 23.0#





#87

Benzo(b)fluoranthene

Concen: 1.358 ng/ul

RT: 22.92 min Scan# 3361

Delta R.T. 0.01 min

Lab File: BN005939.D

Acq: 29 May 2019 20:14

Instrument :

BNA_N

ClientSampleId :

A4280

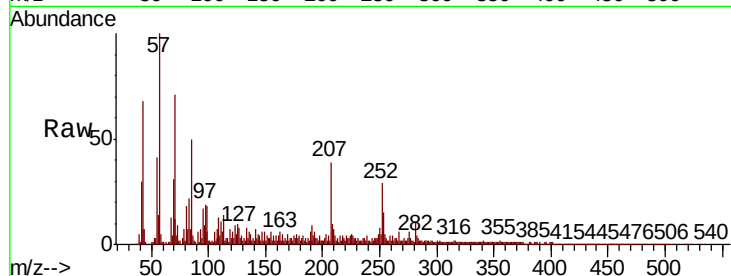
Tot Ion:252 Resp: 175996

Ion Ratio Lower Upper

252 100

253 53.6 17.7 26.5#

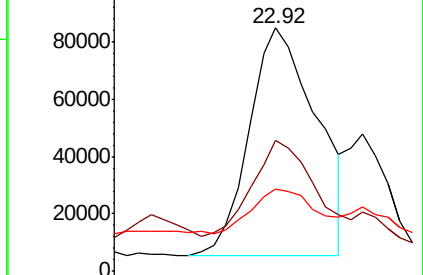
125 34.0 8.4 12.6#



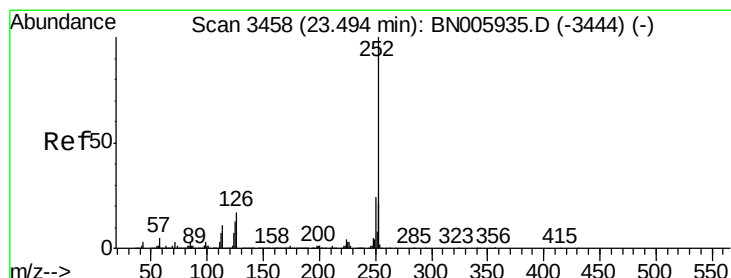
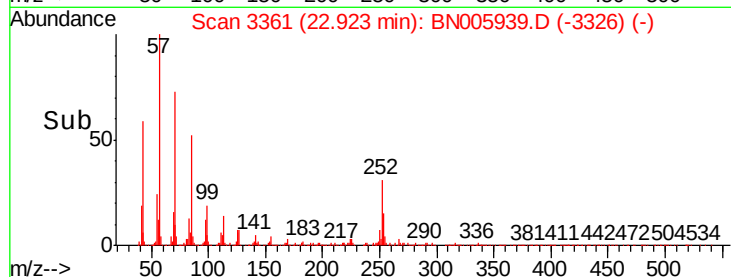
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 22.85 22.90 22.95



#90

Benzo(a)pyrene

Concen: 1.017 ng/ul

RT: 23.51 min Scan# 3460

Delta R.T. 0.01 min

Lab File: BN005939.D

Acq: 29 May 2019 20:14

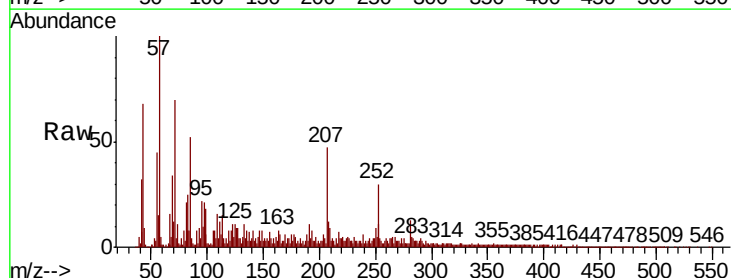
Tgt Ion:252 Resp: 124351

Ion Ratio Lower Upper

252 100

253 35.9 17.3 25.9#

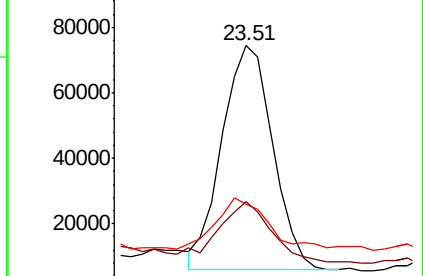
125 34.7 8.6 13.0#



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



Time--> 23.45 23.50 23.55

