

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN043019\
 Data File : BN005400.D
 Acq On : 01 May 2019 08:21
 Operator : JU/SJ
 Sample : K2455-05MEDL 30X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ7MEDL

Quant Time: May 01 18:13:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	395385	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1682795	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1020743	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2281843	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1747023	20.00	ng/ul	-0.01
85) Perylene-d12	23.42	264	1562065	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	1485	0.18	ng/uL	0.00
5) Phenol-d5	6.78	99	24729	0.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	16124	0.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	21369	0.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	12797	0.53	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	11530	1.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	11367	1.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	20855	0.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	27414	1.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	80203	1.08	ng/ul	-0.01
46) Acenaphthylene-d8	13.92	160	94563	1.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	626	0.05	ng/ul	0.00
57) Fluorene-d10	15.22	176	73938	1.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	2546	0.25	ng/ul	0.00
70) Anthracene-d10	17.08	188	103184	1.08	ng/ul	0.00
78) Pyrene-d10	19.39	212	112601	1.26	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	70387	1.03	ng/ul	-0.02

Target Compounds

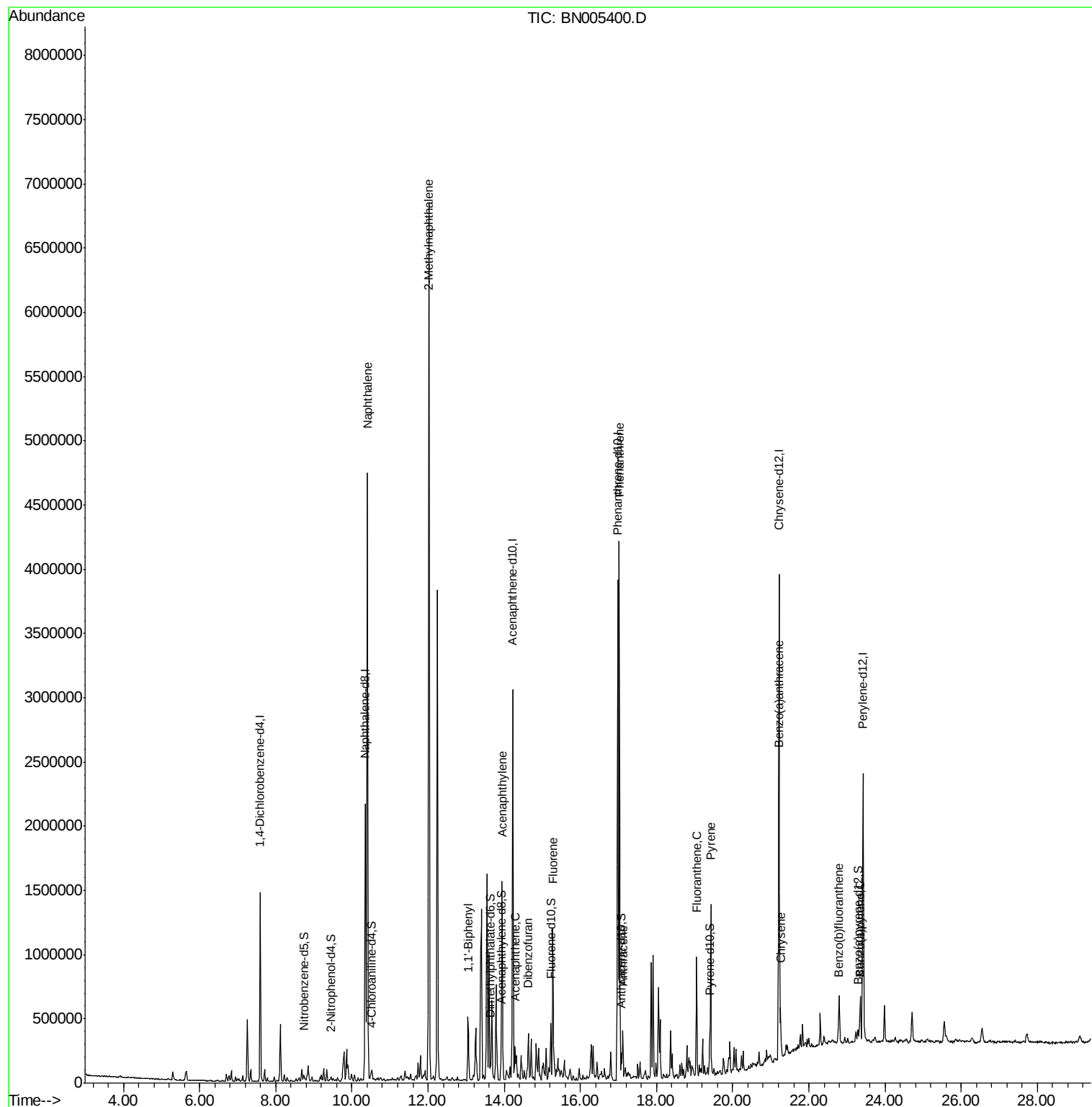
					Qvalue	
28) Naphthalene	10.40	128	3717886	47.525	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	3421320	59.729	ng/ul	97
40) 1,1'-Biphenyl	13.05	154	229975	3.024	ng/ul	98
47) Acenaphthylene	13.95	152	932360	10.425	ng/ul	98
49) Acenaphthene	14.29	153	97557	1.598	ng/ul	98
53) Dibenzofuran	14.63	168	93398	1.062	ng/ul	91
58) Fluorene	15.28	166	546136	7.962	ng/ul	98
69) Phenanthrene	17.02	178	2501658	22.511	ng/ul	99
71) Anthracene	17.12	178	247618	2.187	ng/ul	99
76) Fluoranthene	19.05	202	547661	4.443	ng/ul	98
79) Pyrene	19.42	202	832673	7.403	ng/ul	96
82) Benzo(a)anthracene	21.20	228	225868	2.078	ng/ul	94
84) Chrysene	21.25	228	206328	2.046	ng/ul	99
87) Benzo(b)fluoranthene	22.77	252	106772	1.216	ng/ul	98
90) Benzo(a)pyrene	23.33	252	87773	1.063	ng/ul#	97

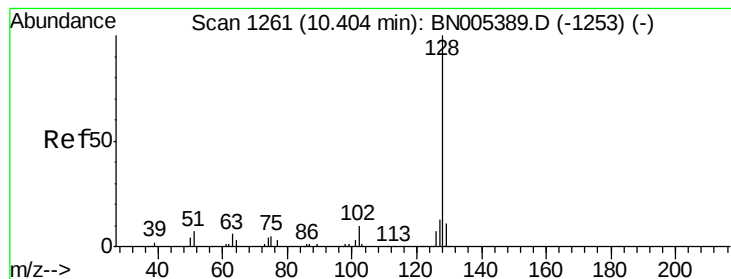
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration





#28

Naphthalene

Concen: 47.525 ng/ul

RT: 10.40 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BN005400.D

Acq: 01 May 2019 08:21

Instrument :

BNA_N

ClientSampleId :

GAHQ7MEDL

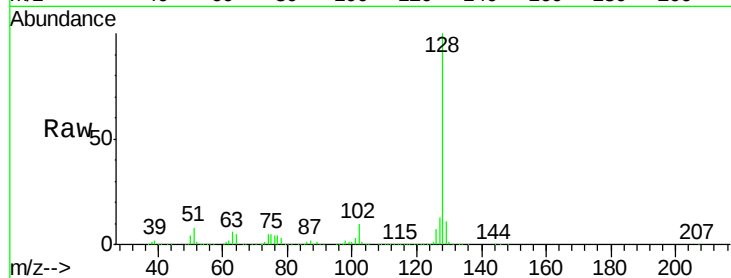
Tgt Ion:128 Resp: 3717886

Ion Ratio Lower Upper

128 100

129 10.8 9.2 13.8

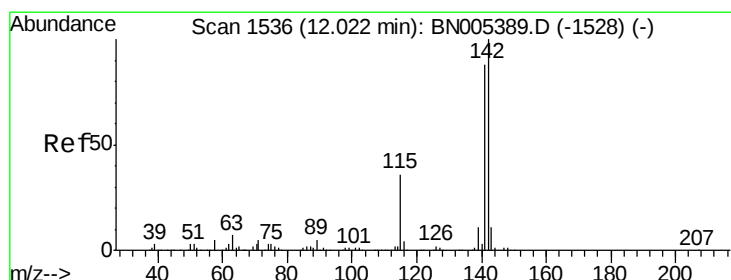
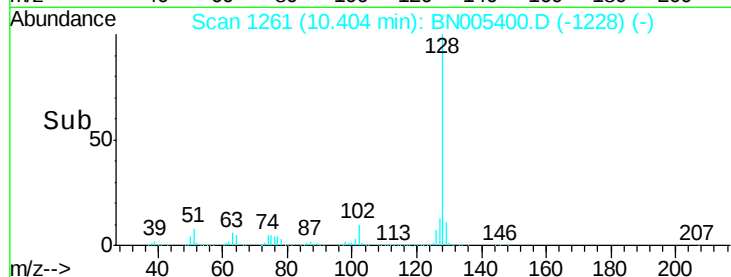
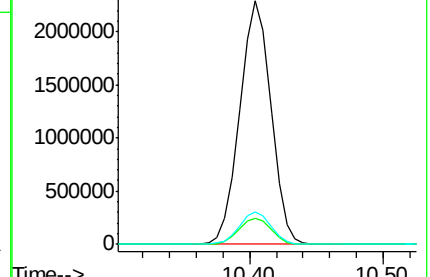
127 13.4 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 59.729 ng/ul

RT: 12.02 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BN005400.D

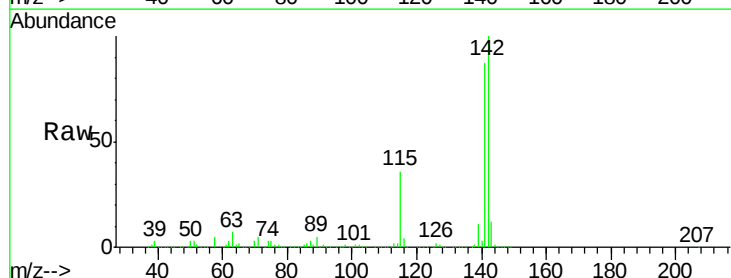
Acq: 01 May 2019 08:21

Tgt Ion:142 Resp: 3421320

Ion Ratio Lower Upper

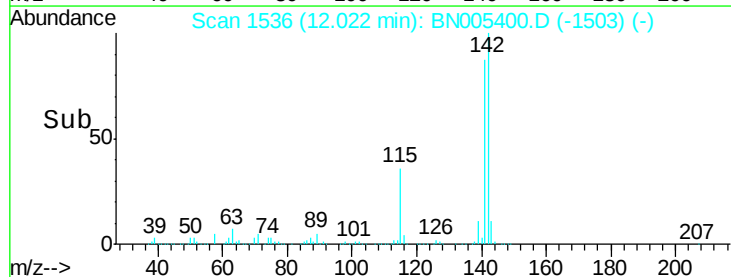
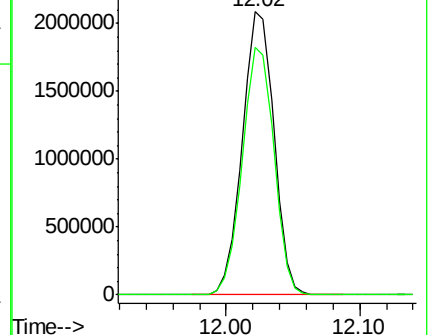
142 100

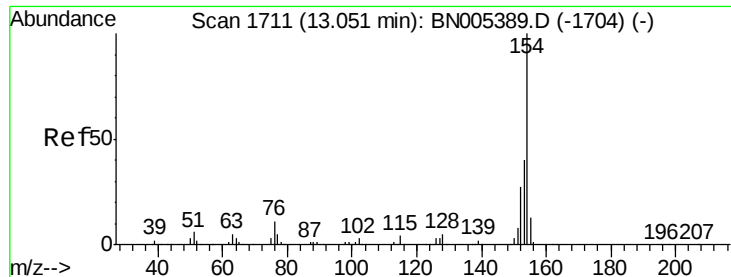
141 87.4 72.0 108.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

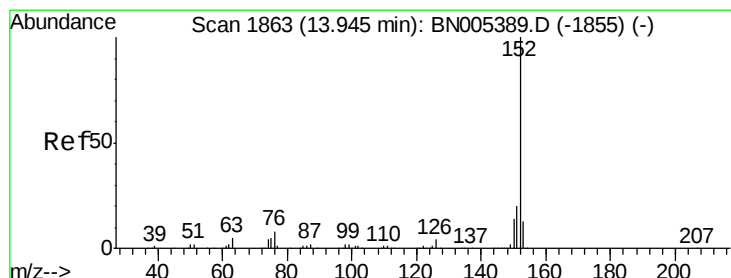
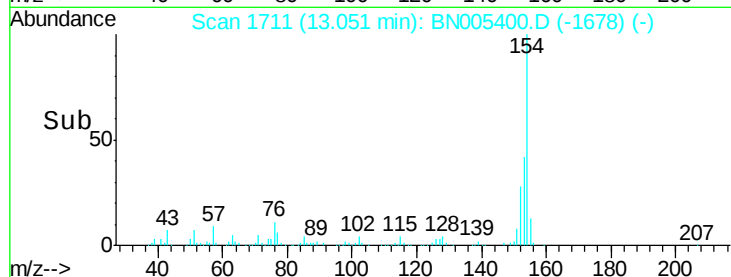
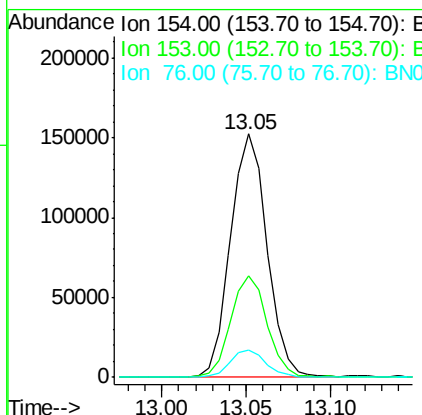
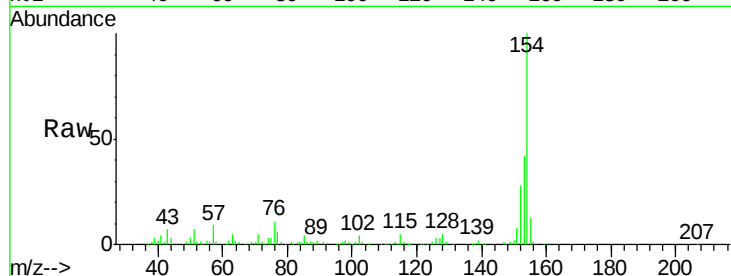




#40
 1,1'-Biphenyl
 Concen: 3.024 ng/ul
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BN005400.D
 Acq: 01 May 2019 08:21

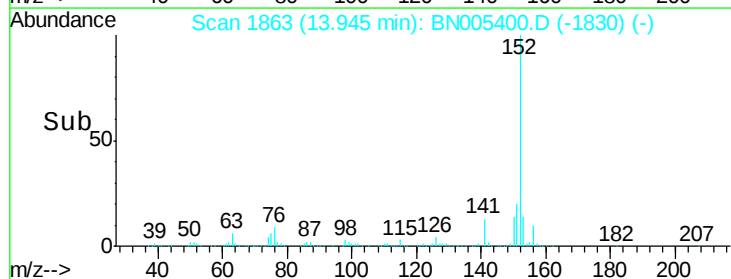
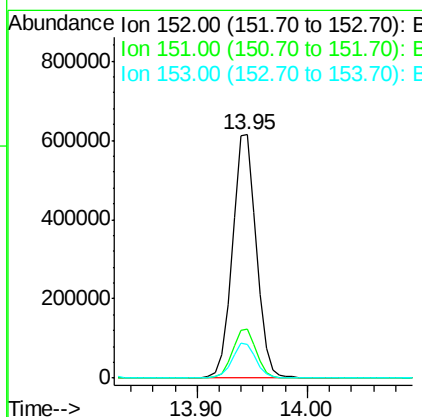
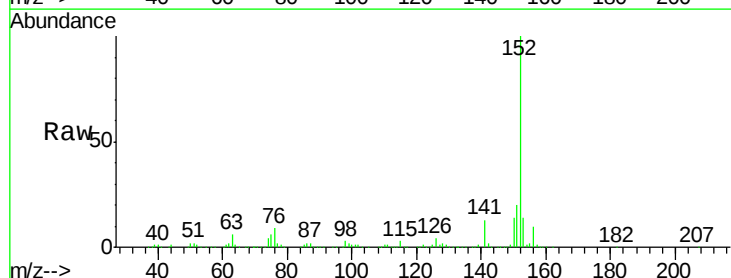
Instrument :
 BNA_N
 ClientSampleId :
 GAHQ7MEDL

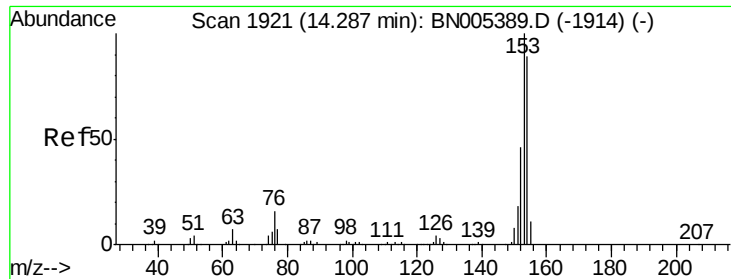
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	32.6	49.0
76	11.1	10.4	15.6



#47
 Acenaphthylene
 Concen: 10.425 ng/ul
 RT: 13.95 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: BN005400.D
 Acq: 01 May 2019 08:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	14.1	9.8	14.8





#49

Acenaphthene

Concen: 1.598 ng/ul

RT: 14.29 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BN005400.D

Acq: 01 May 2019 08:21

Instrument :

BNA_N

ClientSampleId :

GAHQ7MEDL

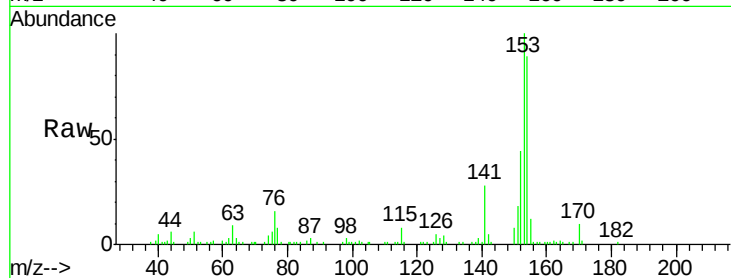
Tgt Ion:153 Resp: 97557

Ion Ratio Lower Upper

153 100

152 43.8 37.4 56.0

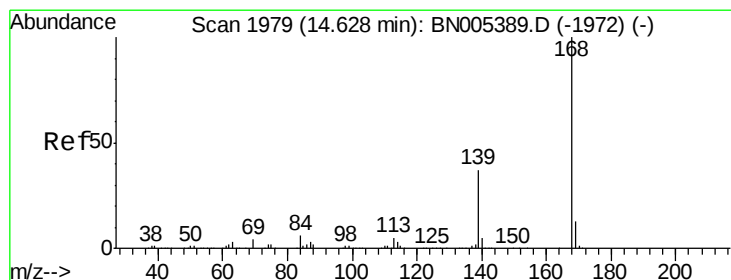
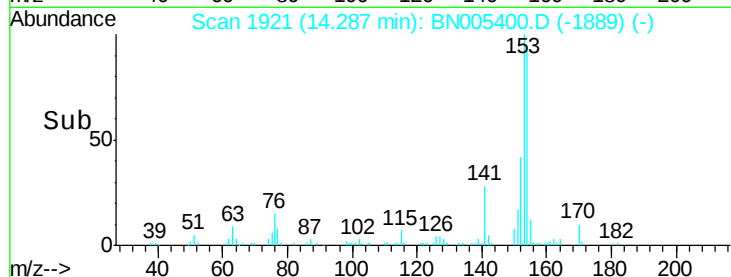
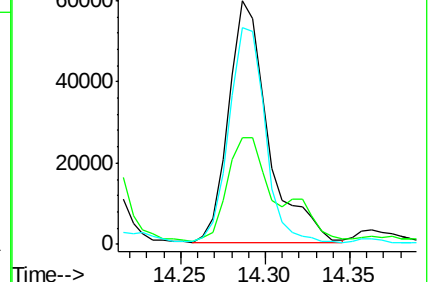
154 88.8 71.2 106.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 1.062 ng/ul

RT: 14.63 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BN005400.D

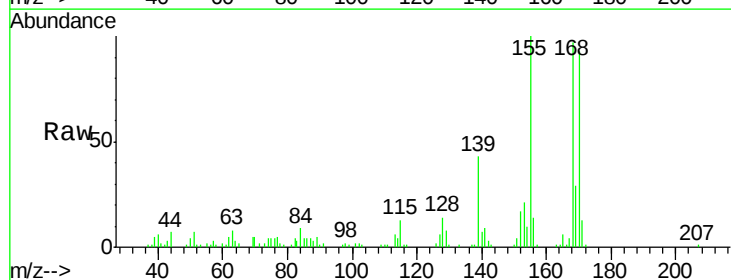
Acq: 01 May 2019 08:21

Tgt Ion:168 Resp: 93398

Ion Ratio Lower Upper

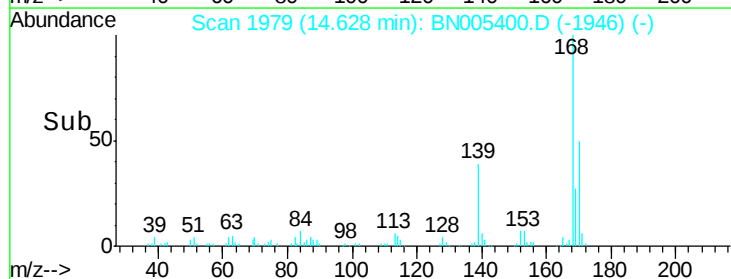
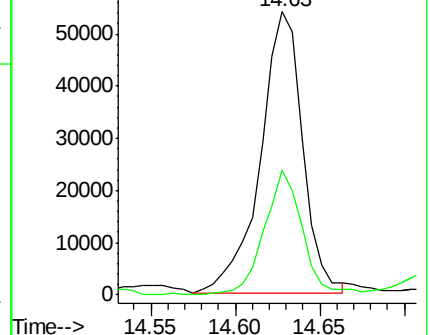
168 100

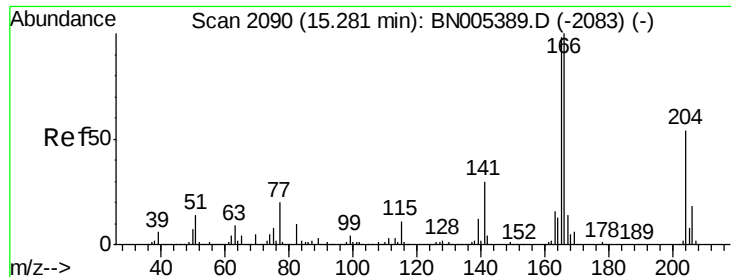
139 44.1 30.9 46.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 7.962 ng/ul

RT: 15.28 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BN005400.D

Acq: 01 May 2019 08:21

Instrument :

BNA_N

ClientSampleId :

GAHQ7MEDL

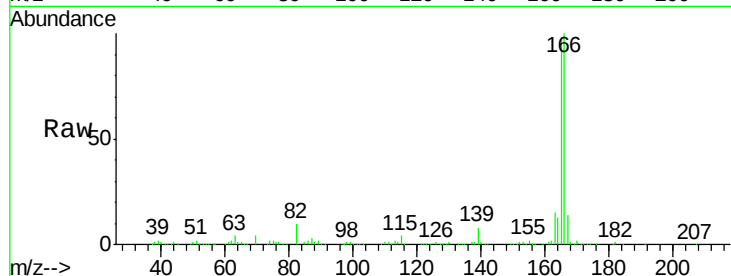
Tgt Ion:166 Resp: 546136

Ion Ratio Lower Upper

166 100

165 98.4 80.0 120.0

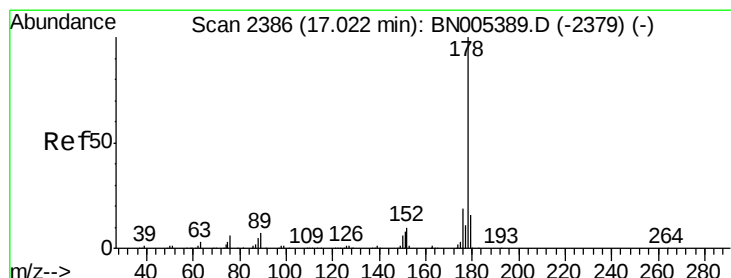
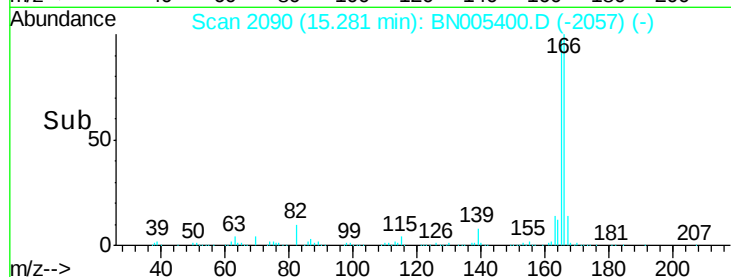
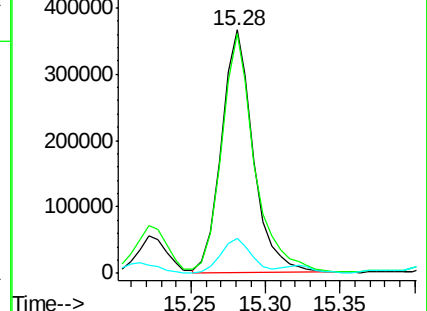
167 14.2 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 22.511 ng/ul

RT: 17.02 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BN005400.D

Acq: 01 May 2019 08:21

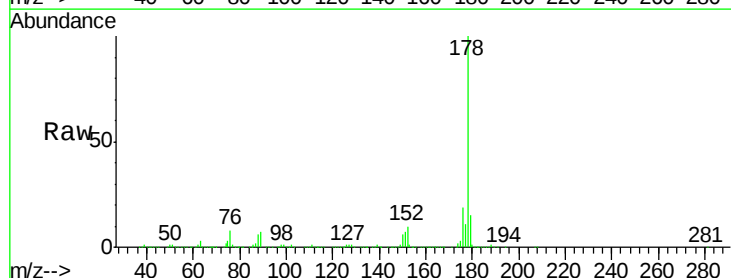
Tgt Ion:178 Resp: 2501658

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

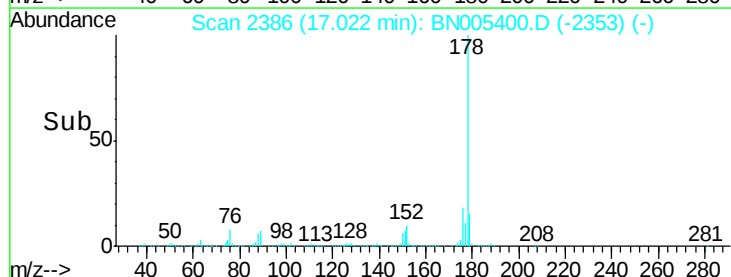
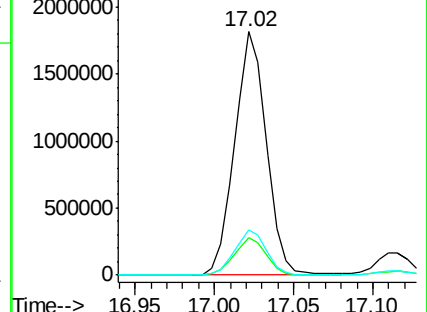
176 18.5 15.1 22.7

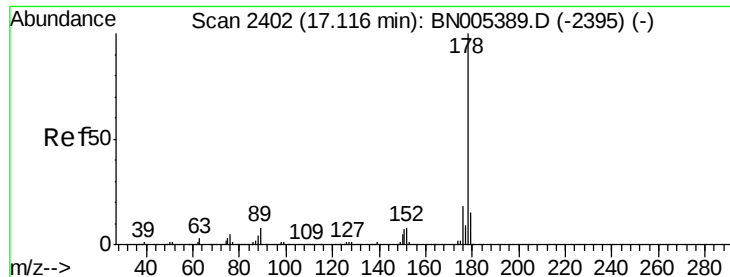


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

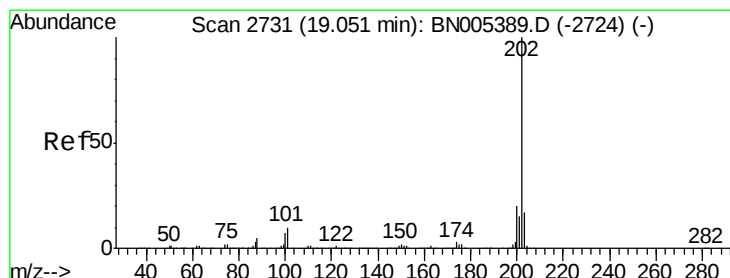
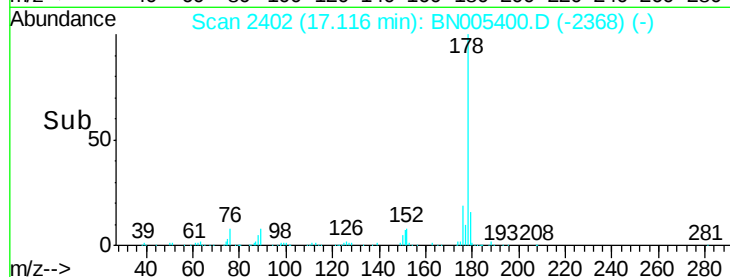
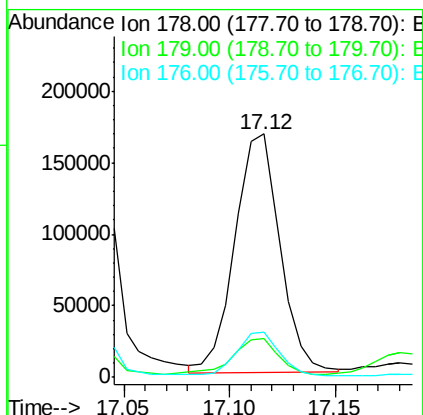
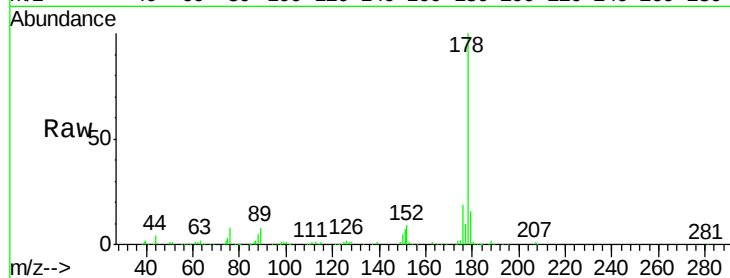




#71
 Anthracene
 Concen: 2.187 ng/ul
 RT: 17.12 min Scan# 2402
 Delta R.T. 0.00 min
 Lab File: BN005400.D
 Acq: 01 May 2019 08:21

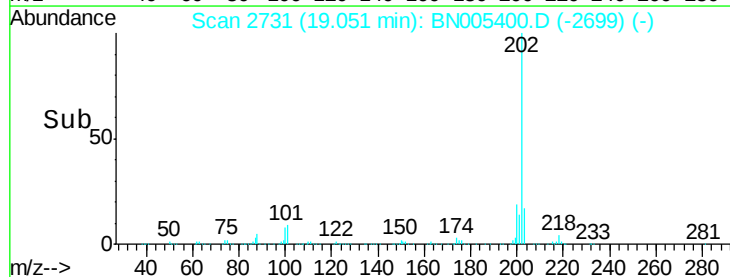
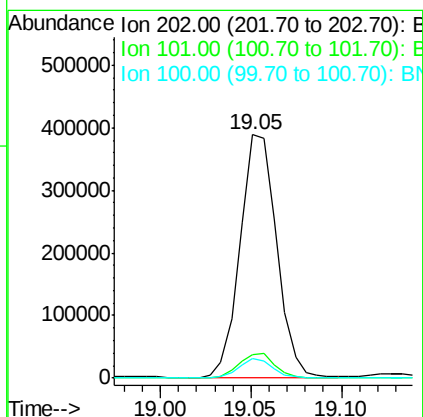
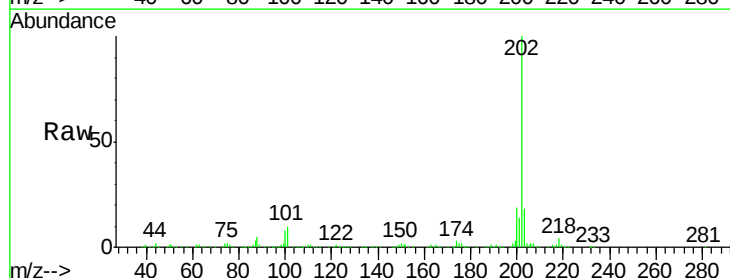
Instrument :
 BNA_N
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 GAHQ7MEDL

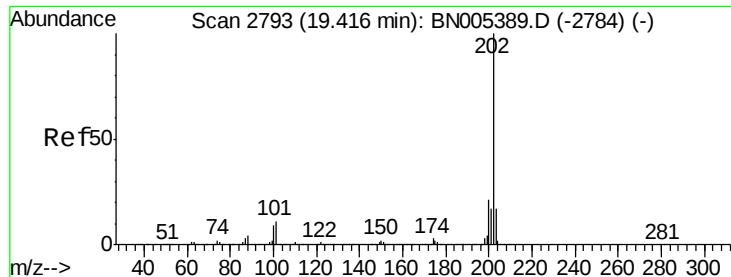
Tgt Ion:178 Resp: 247618
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.3 18.5
 176 18.6 15.1 22.7



#76
 Fluoranthene
 Concen: 4.443 ng/ul
 RT: 19.05 min Scan# 2731
 Delta R.T. -0.01 min
 Lab File: BN005400.D
 Acq: 01 May 2019 08:21

Tgt Ion:202 Resp: 547661
 Ion Ratio Lower Upper
 202 100
 101 9.7 8.6 12.8
 100 8.0 6.3 9.5





#79

Pyrene

Concen: 7.403 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BN005400.D

Acq: 01 May 2019 08:21

Instrument :

BNA_N

ClientSampleId :

GAHQ7MEDL

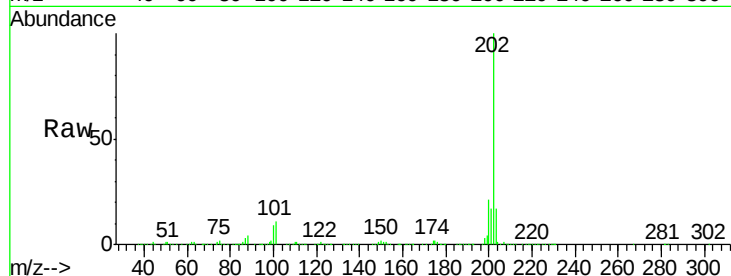
Tgt Ion:202 Resp: 832673

Ion Ratio Lower Upper

202 100

101 10.7 10.3 15.5

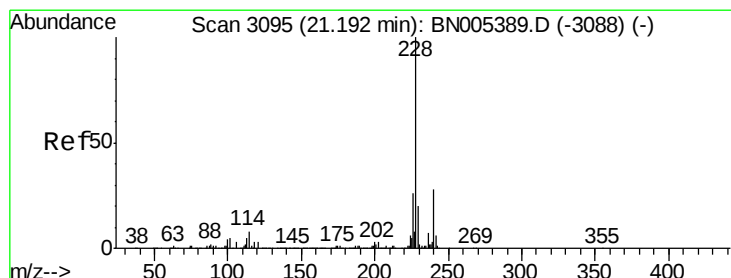
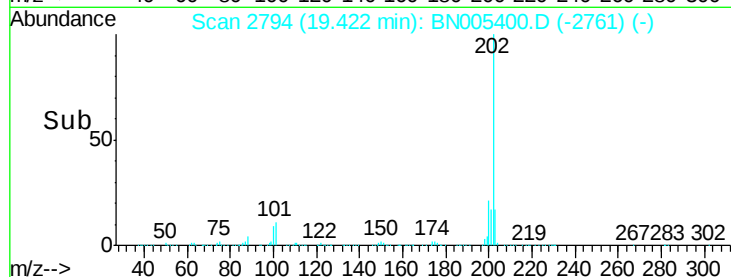
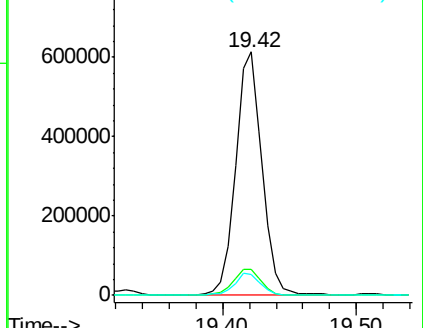
100 8.8 7.9 11.9



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: 2.078 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BN005400.D

Acq: 01 May 2019 08:21

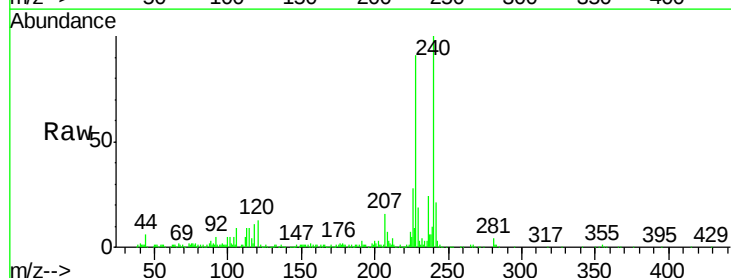
Tgt Ion:228 Resp: 225868

Ion Ratio Lower Upper

228 100

229 20.9 15.8 23.6

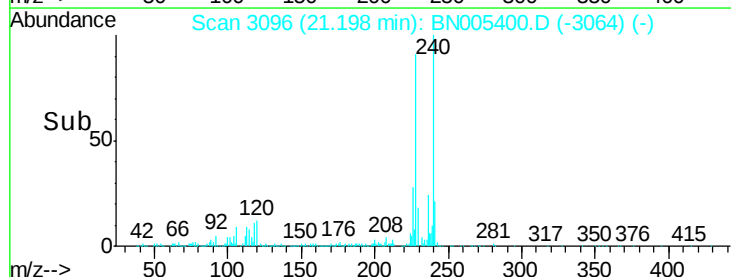
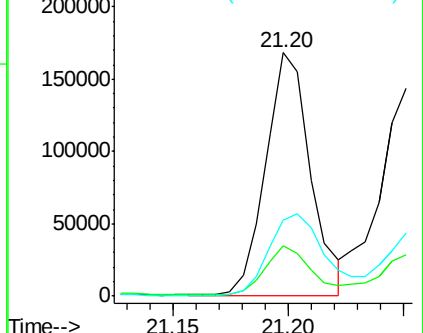
226 31.0 21.4 32.2

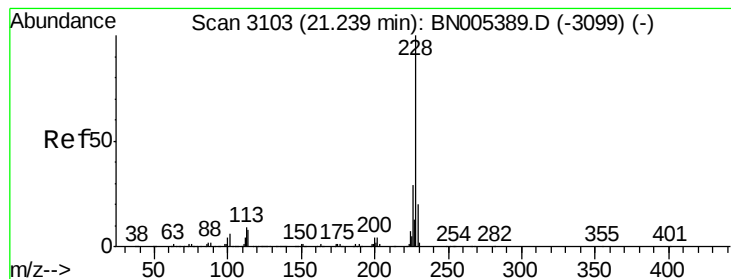


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 2.046 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN005400.D

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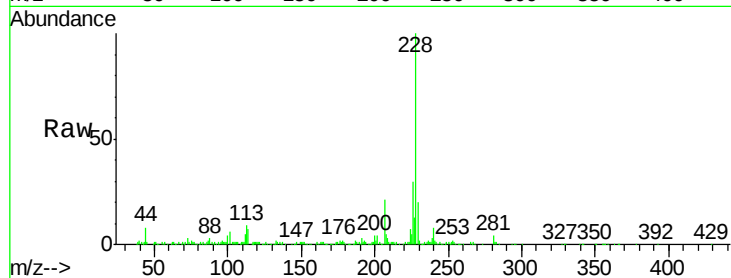
Tgt Ion:228 Resp: 206328

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

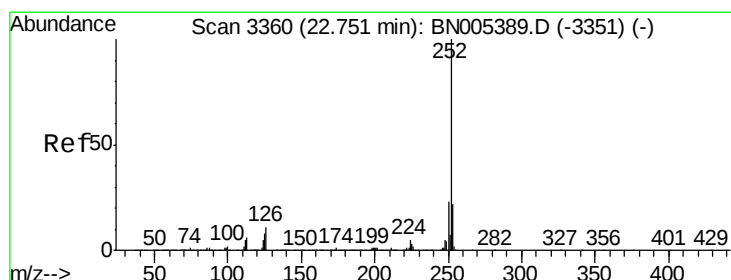
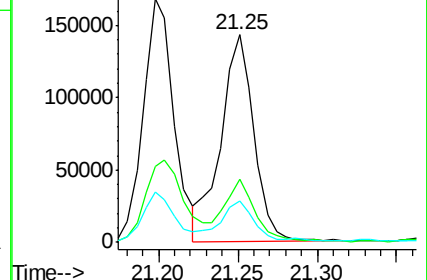
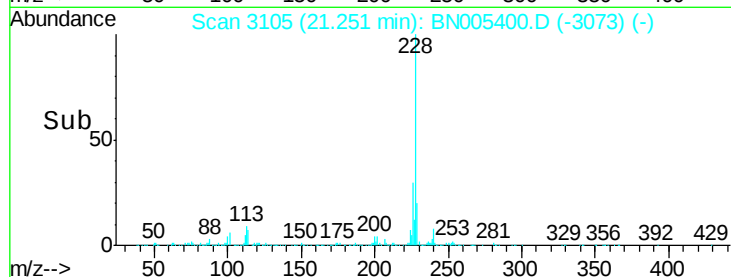
229 20.2 15.4 23.0



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: 1.216 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BN005400.D

Acq: 01 May 2019 08:21

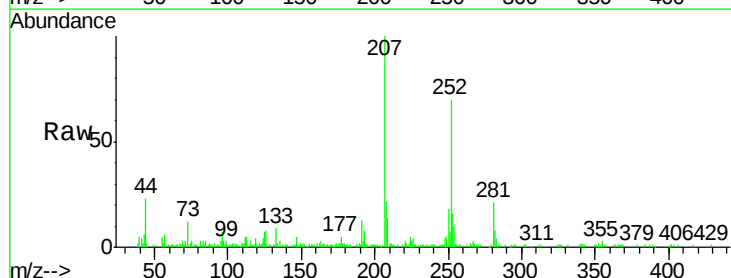
Tgt Ion:252 Resp: 106772

Ion Ratio Lower Upper

252 100

253 23.6 17.7 26.5

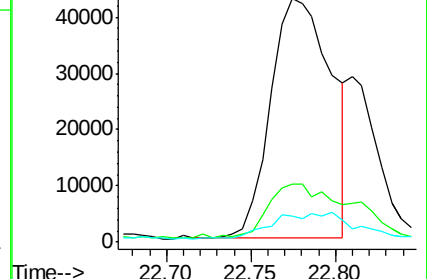
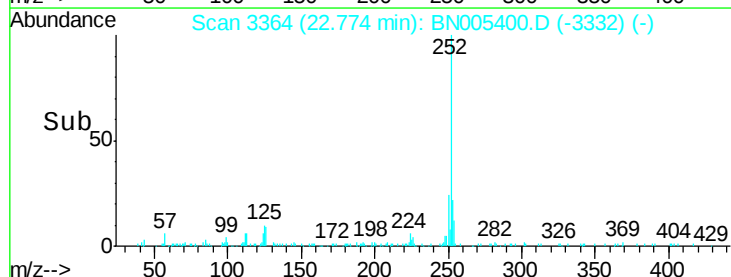
125 10.7 8.4 12.6

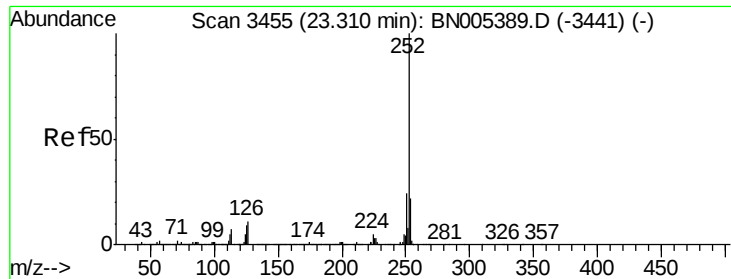


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 1.063 ng/ul

RT: 23.33 min Scan# 3458

Delta R.T. -0.02 min

Lab File: BN005400.D

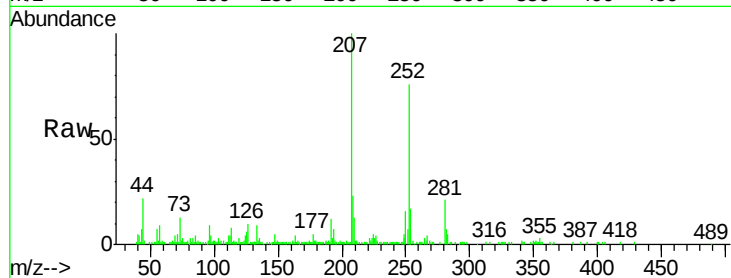
Acq: 01 May 2019 08:21

Instrument :

BNA_N

ClientSampleId :

GAHQ7MEDL



Tgt Ion:	252	Resp:	87773
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	7.9	8.6	13.0

