

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
 Data File : BN005413.D
 Acq On : 01 May 2019 16:31
 Operator : JU/SJ
 Sample : K2481-22MEDL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHX5MEDL

Quant Time: May 01 23:20:22 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	505765	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2134062	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1242039	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2565105	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1758796	20.00	ng/ul	-0.02
85) Perylene-d12	23.42	264	1850883	20.00	ng/ul	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	8164	0.78	ng/uL	0.00
5) Phenol-d5	6.78	99	181112	4.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	114654	4.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	155455	5.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	145298	4.68	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	78468	5.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	80023	6.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	153058	5.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	214419	6.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	500584	5.55	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	608160	5.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	48702	3.42	ng/ul	0.02
57) Fluorene-d10	15.23	176	434483	5.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	18480	1.60	ng/ul	0.00
70) Anthracene-d10	17.08	188	640467	5.96	ng/ul	0.00
78) Pyrene-d10	19.39	212	611668	6.80	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	483924	5.98	ng/ul	-0.03

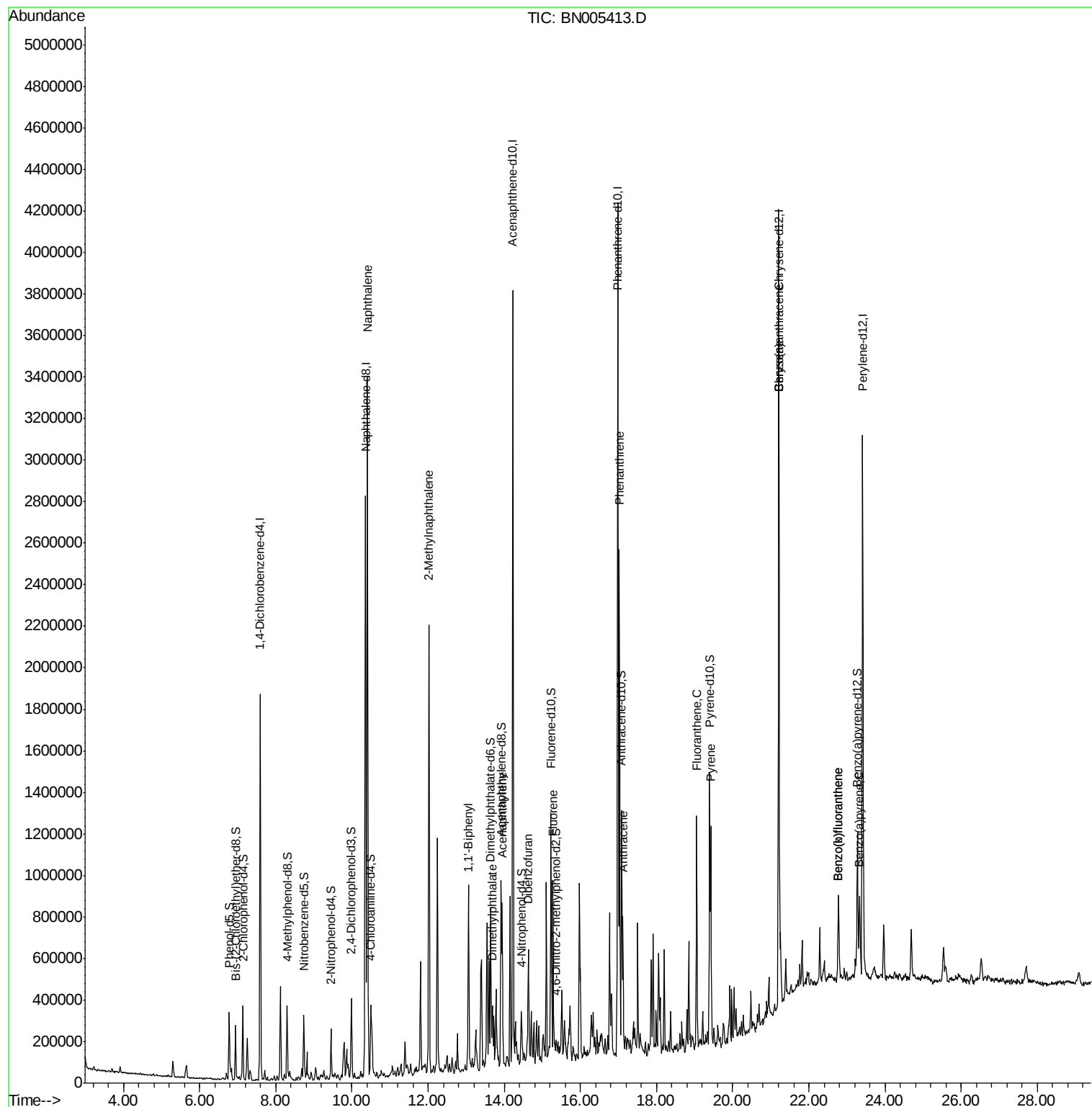
Target Compounds				Ovalue		
28) Naphthalene	10.40	128	2666055	26.873	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	1019267	14.031	ng/ul	96
40) 1,1'-Biphenyl	13.05	154	127730	1.380	ng/ul	98
44) Dimethylphthalate	13.69	163	102615	1.142	ng/ul	98
47) Acenaphthylene	13.95	152	445498	4.094	ng/ul#	97
53) Dibenzofuran	14.63	168	272018	2.543	ng/ul	97
58) Fluorene	15.28	166	370883	4.443	ng/ul	99
69) Phenanthrene	17.03	178	1520271	12.169	ng/ul	99
71) Anthracene	17.12	178	414080	3.254	ng/ul	97
76) Fluoranthene	19.06	202	680345	4.910	ng/ul	97
79) Pyrene	19.42	202	616347	5.443	ng/ul	97
82) Benzo(a)anthracene	21.20	228	242571	2.217	ng/ul	95
84) Chrysene	21.20	228	242571	2.389	ng/ul	98
87) Benzo(b)fluoranthene	22.76	252	160981	1.547	ng/ul	100
88) Benzo(k)fluoranthene	22.76	252	160981	1.620	ng/ul	99
90) Benzo(a)pyrene	23.32	252	142587	1.458	ng/ul	98

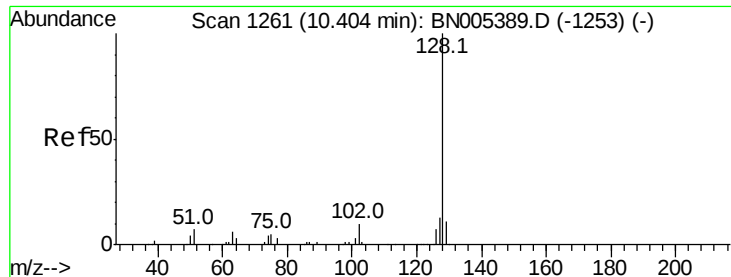
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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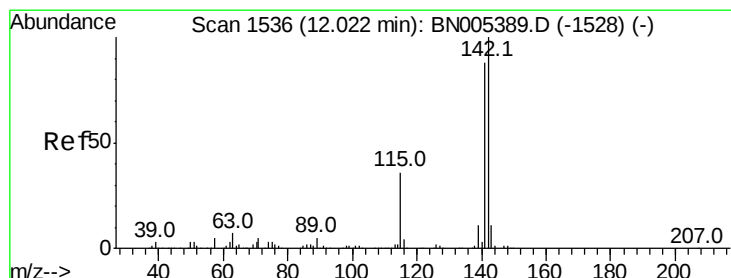
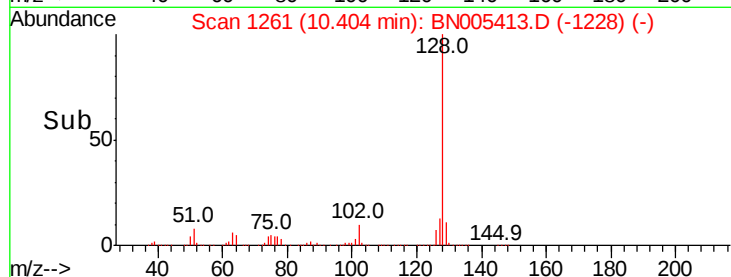
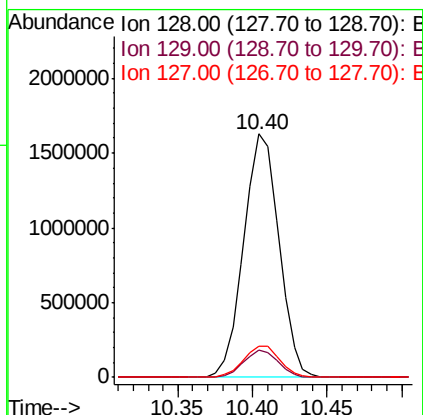
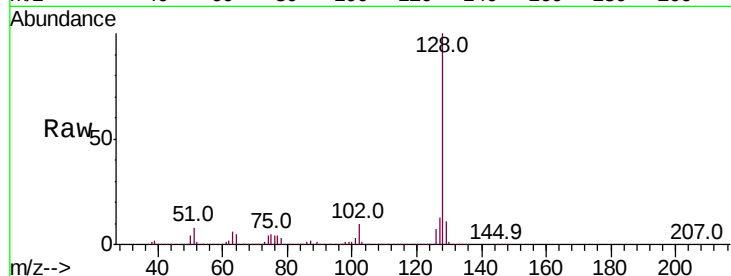




#28
Naphthalene
Concen: 26.873 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BN005413.D
Acq: 01 May 2019 16:31

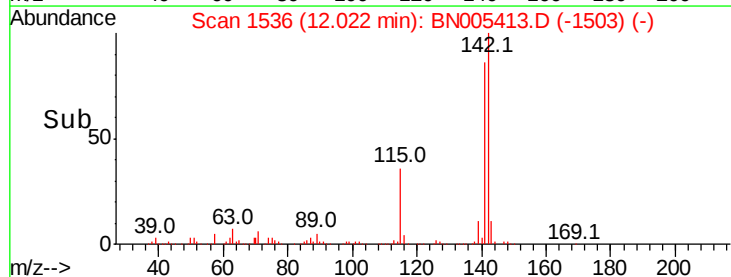
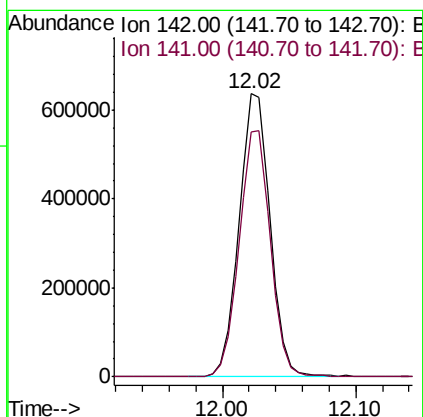
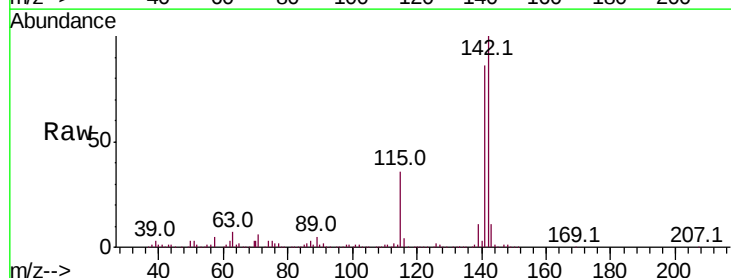
Instrument :
BNA_N
ClientSampleId :
GAHX5MEDL

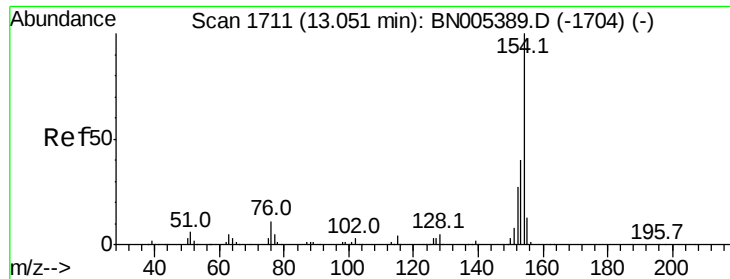
Tot Ion:128 Resp: 2666055
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.0 10.7 16.1



#34
2-Methylnaphthalene
Concen: 14.031 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BN005413.D
Acq: 01 May 2019 16:31

Tgt Ion:142 Resp: 1019267
Ion Ratio Lower Upper
142 100
141 86.3 72.0 108.0

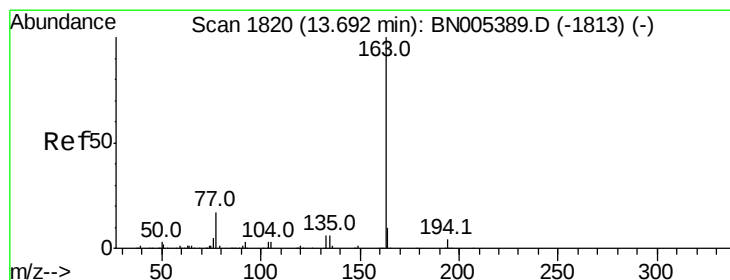
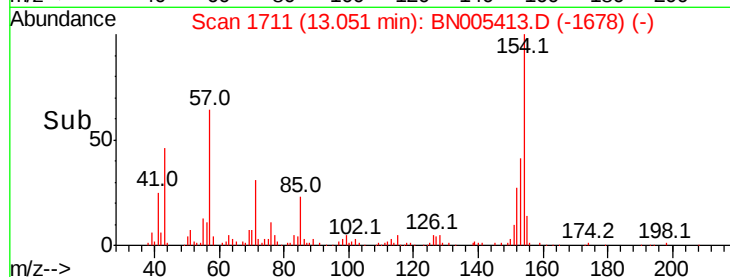
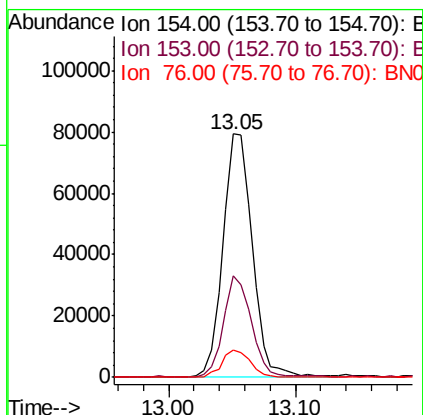
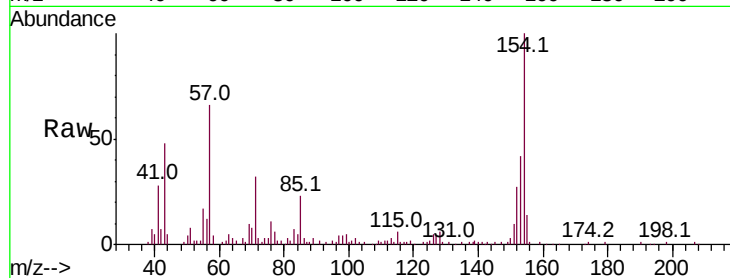




#40
 1,1'-Biphenyl
 Concen: 1.380 ng/ul
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BN005413.D
 Acq: 01 May 2019 16:31

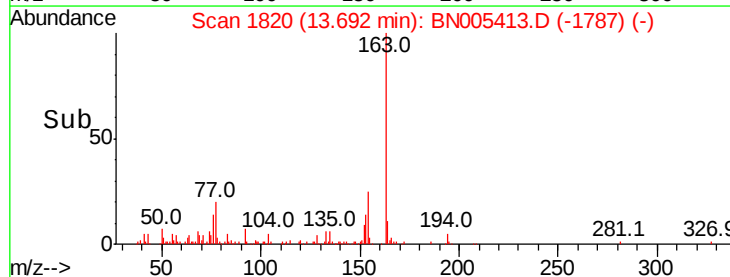
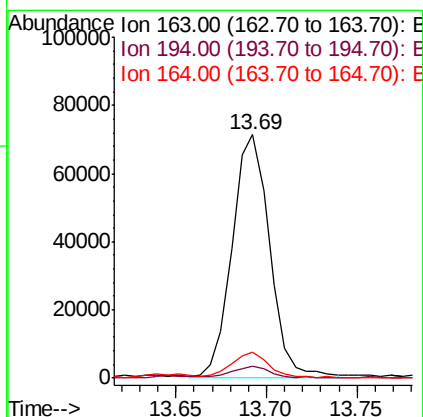
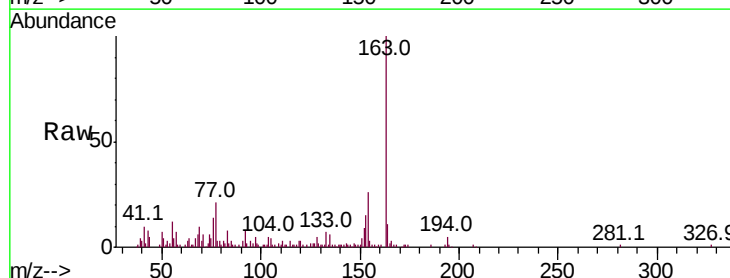
Instrument :
 BNA_N
 ClientSampleId :
 GAHX5MEDL

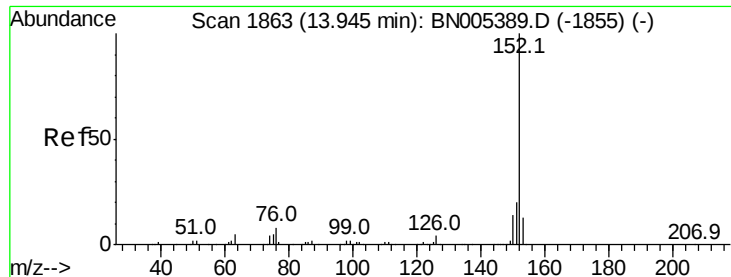
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	32.6	49.0
76	11.0	10.4	15.6



#44
 Dimethylphthalate
 Concen: 1.142 ng/ul
 RT: 13.69 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BN005413.D
 Acq: 01 May 2019 16:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.0
164	10.7	8.1	12.1





#47

Acenaphthylene

Concen: 4.094 ng/ul

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN005413.D

Acq: 01 May 2019 16:31

Instrument :

BNA_N

ClientSampleId :

GAHX5MEDL

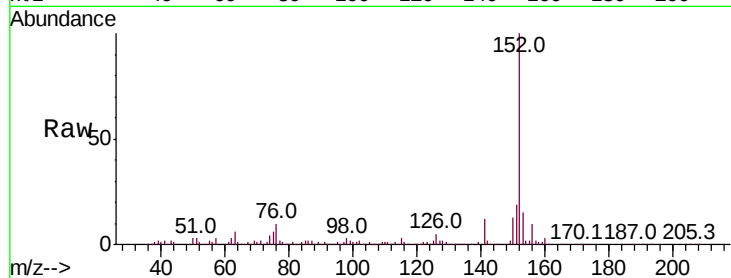
Tot Ion:152 Resp: 445498

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.8

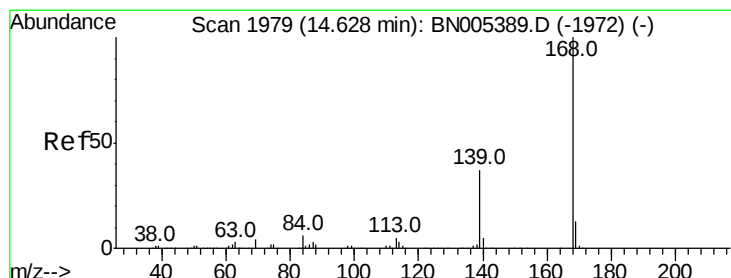
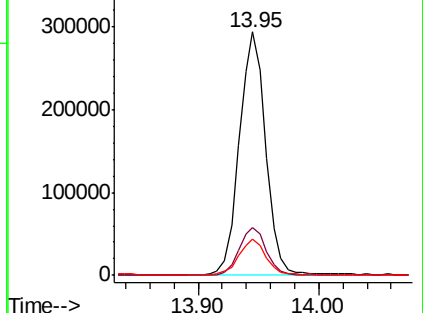
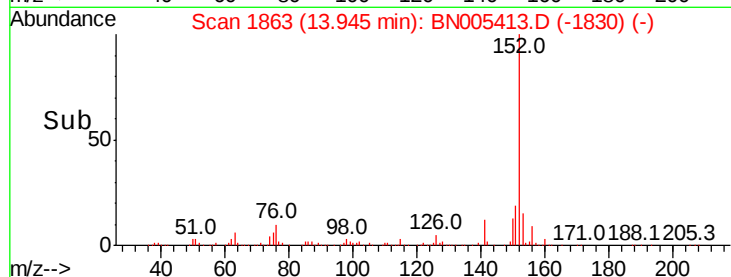
153 15.1 9.8 14.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#53

Dibenzofuran

Concen: 2.543 ng/ul

RT: 14.63 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BN005413.D

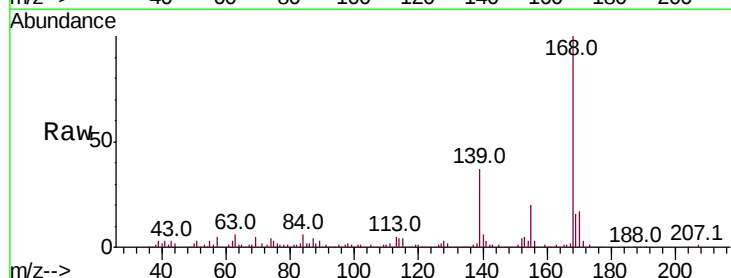
Acq: 01 May 2019 16:31

Tgt Ion:168 Resp: 272018

Ion Ratio Lower Upper

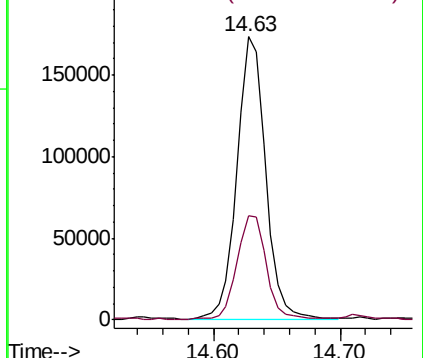
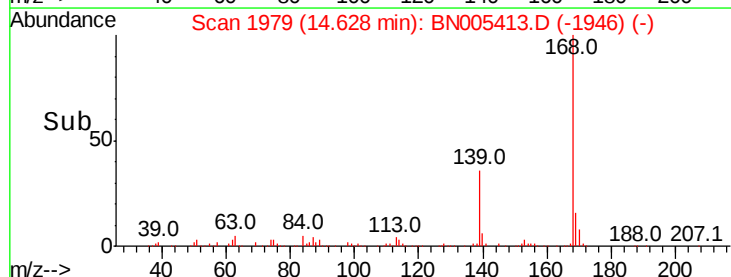
168 100

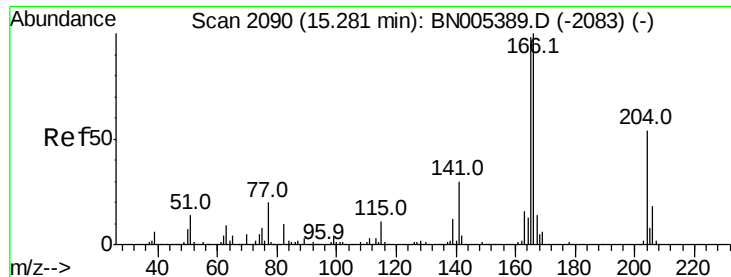
139 37.0 30.9 46.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

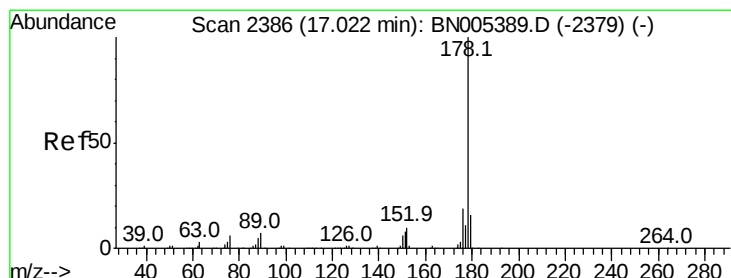
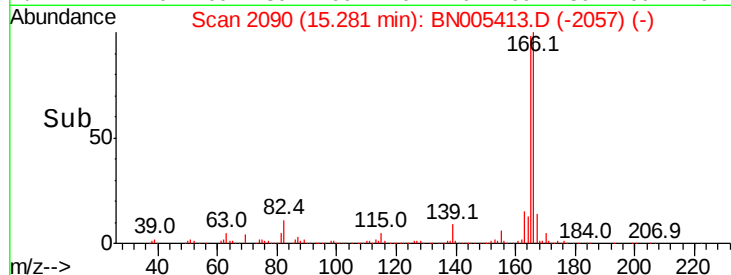
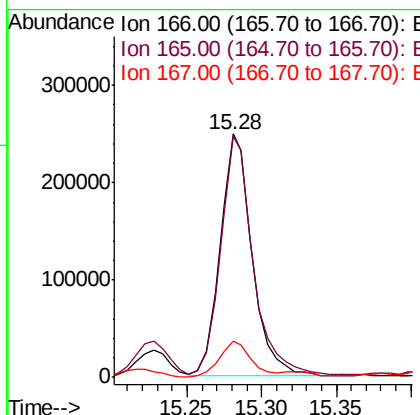
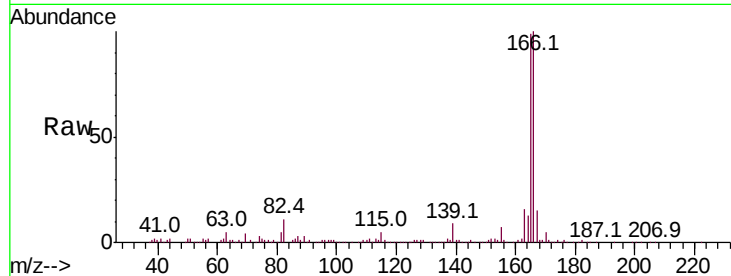




#58
 Fluorene
 Concen: 4.443 ng/ul
 RT: 15.28 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BN005413.D
 Acq: 01 May 2019 16:31

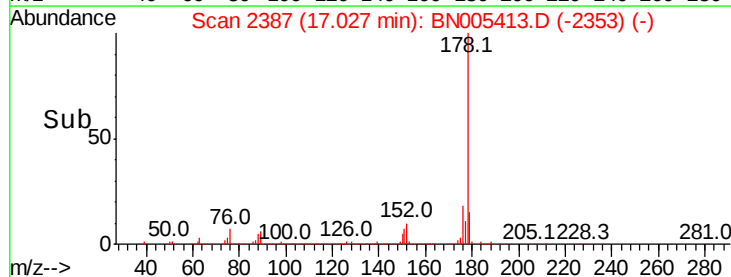
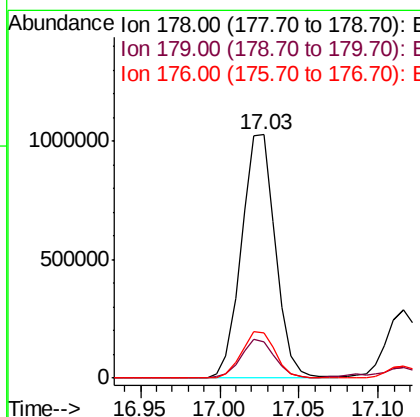
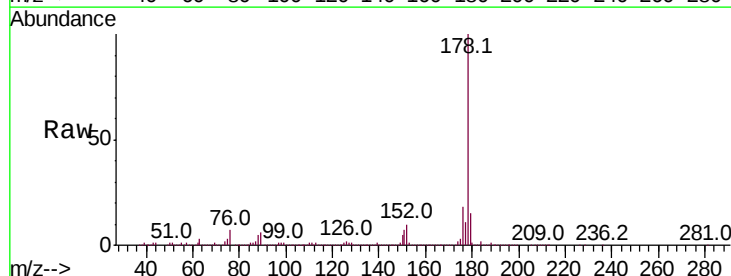
Instrument :
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 GAHX5MEDL

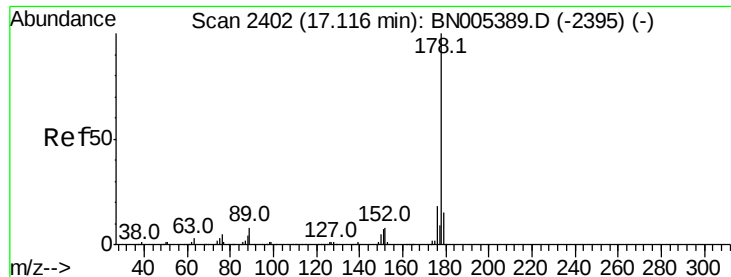
Tot Ion:166 Resp: 370883
 Ion Ratio Lower Upper
 166 100
 165 99.0 80.0 120.0
 167 15.1 10.7 16.1



#69
 Phenanthrene
 Concen: 12.169 ng/ul
 RT: 17.03 min Scan# 2387
 Delta R.T. 0.00 min
 Lab File: BN005413.D
 Acq: 01 May 2019 16:31

Tgt Ion:178 Resp: 1520271
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.2 18.4
 176 18.5 15.1 22.7

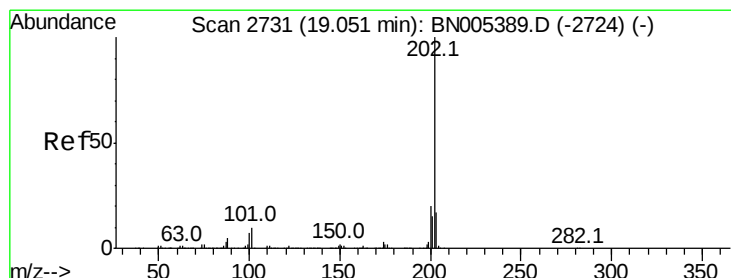
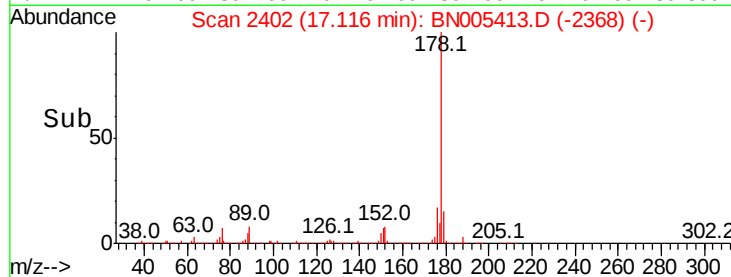
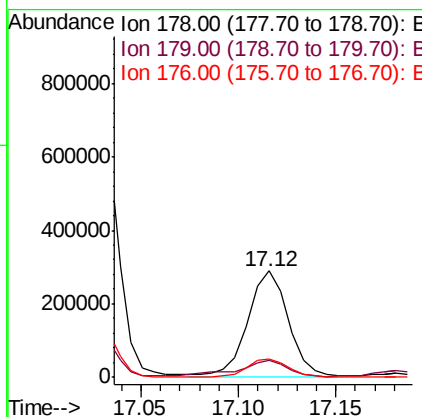
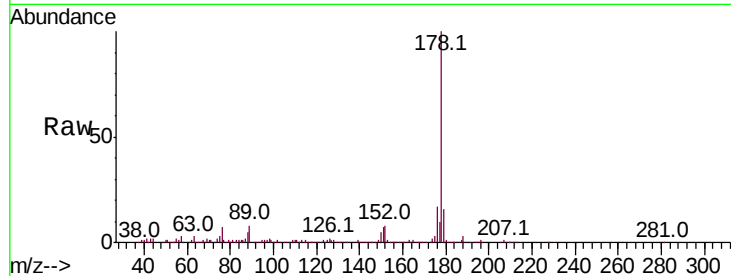




#71
 Anthracene
 Concen: 3.254 ng/ul
 RT: 17.12 min Scan# 2402
 Delta R.T. 0.00 min
 Lab File: BN005413.D
 Acq: 01 May 2019 16:31

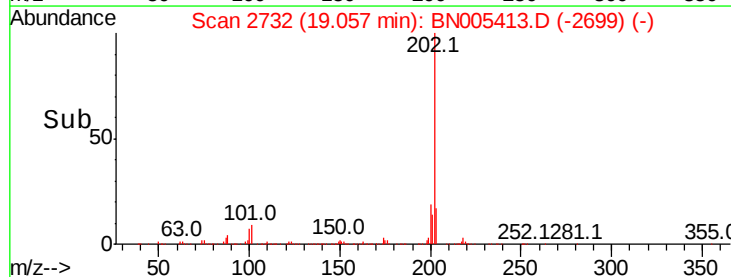
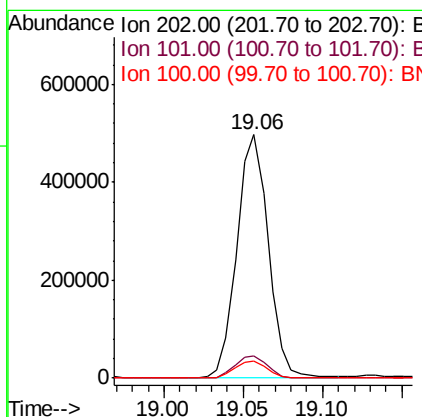
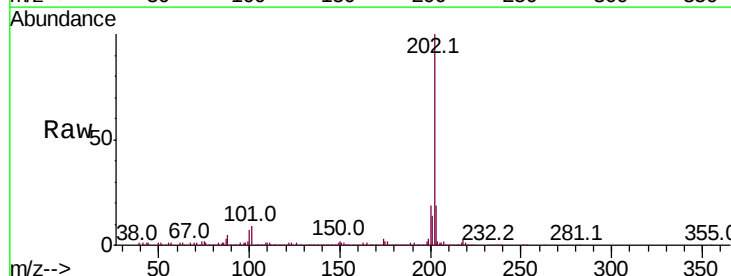
Instrument :
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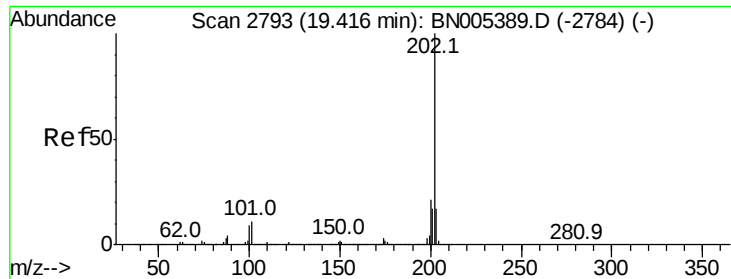
Tot Ion:178 Resp: 414080
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.3 18.5
 176 16.8 15.1 22.7



#76
 Fluoranthene
 Concen: 4.910 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. -0.01 min
 Lab File: BN005413.D
 Acq: 01 May 2019 16:31

Tgt Ion:202 Resp: 680345
 Ion Ratio Lower Upper
 202 100
 101 9.1 8.6 12.8
 100 7.3 6.3 9.5





#79

Pvrene

Concen: 5.443 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BN005413.D

Acq: 01 May 2019 16:31

Instrument :

BNA_N

ClientSampleId :

GAHX5MEDL

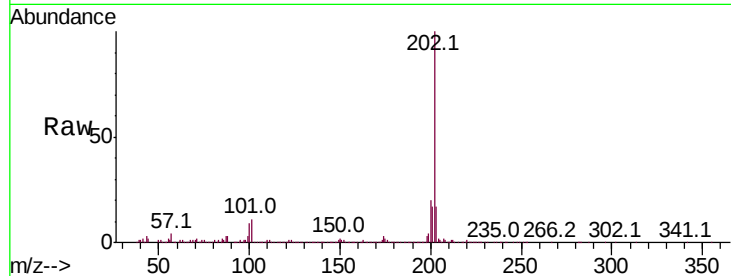
Tot Ion:202 Resp: 616347

Ion Ratio Lower Upper

202 100

101 10.9 10.3 15.5

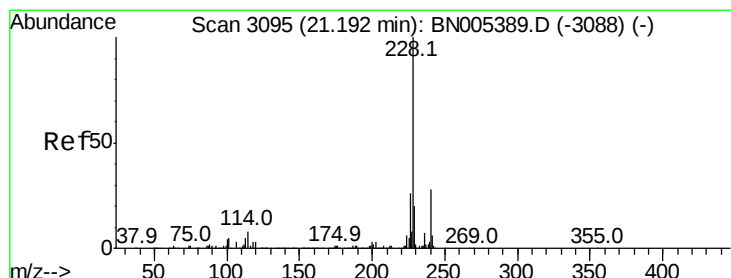
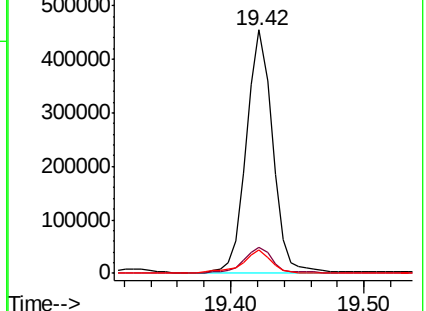
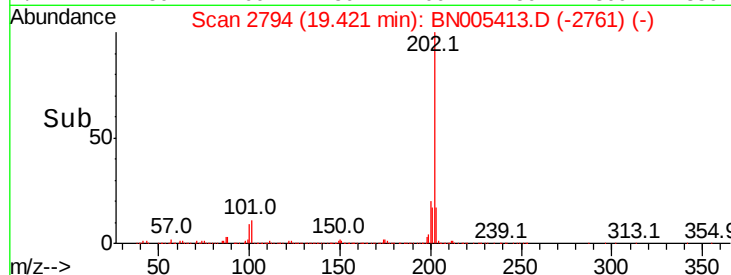
100 9.4 7.9 11.9



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: 2.217 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BN005413.D

Acq: 01 May 2019 16:31

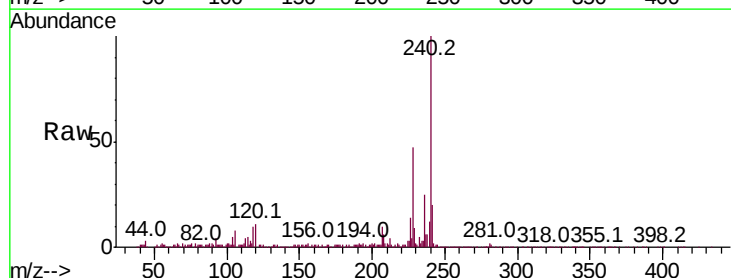
Tgt Ion:228 Resp: 242571

Ion Ratio Lower Upper

228 100

229 20.3 15.8 23.6

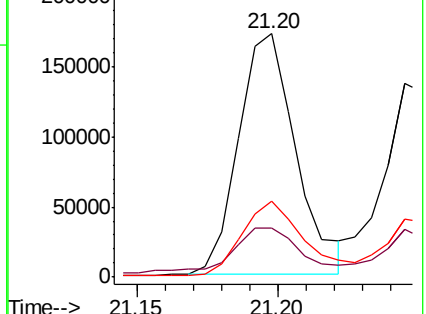
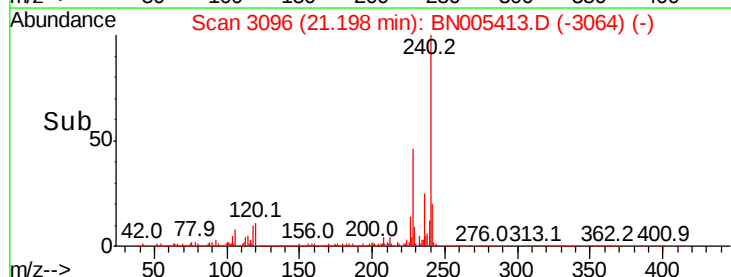
226 31.1 21.4 32.2

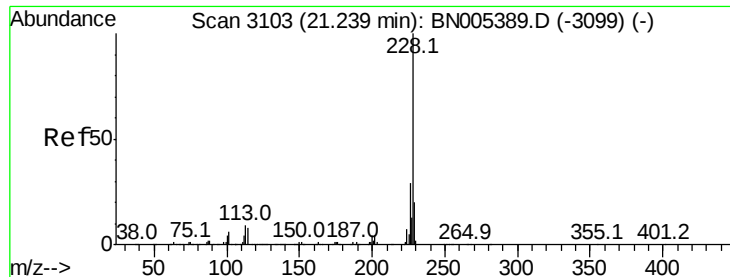


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 2.389 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.06 min

Lab File: BN005413.D

Acq: 01 May 2019 16:31

Instrument :

BNA_N

ClientSampleId :

GAHX5MEDL

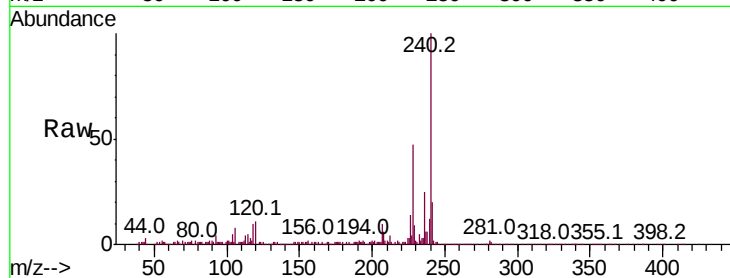
Tot Ion:228 Resp: 242571

Ion Ratio Lower Upper

228 100

226 31.1 24.0 36.0

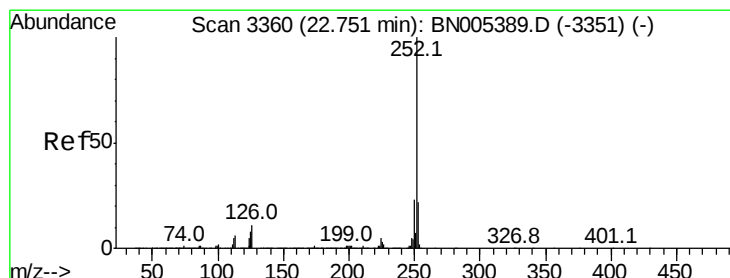
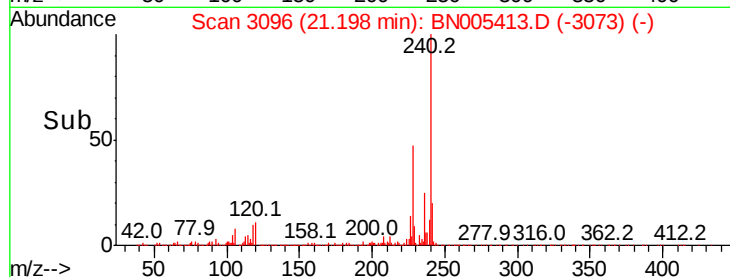
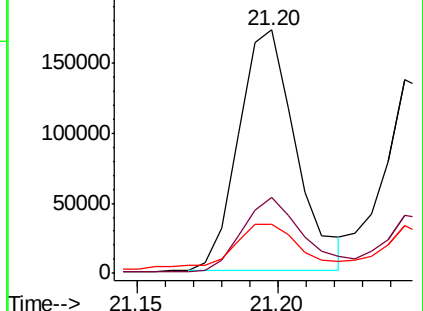
229 20.3 15.4 23.0



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: 1.547 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. -0.02 min

Lab File: BN005413.D

Acq: 01 May 2019 16:31

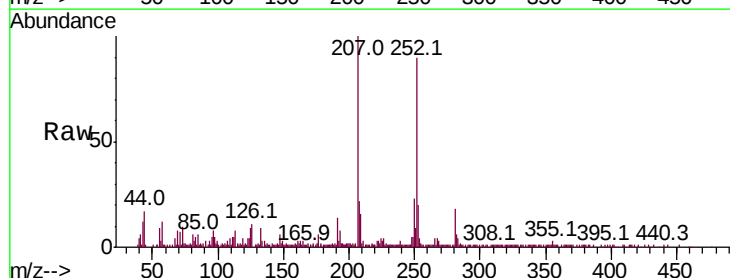
Tgt Ion:252 Resp: 160981

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

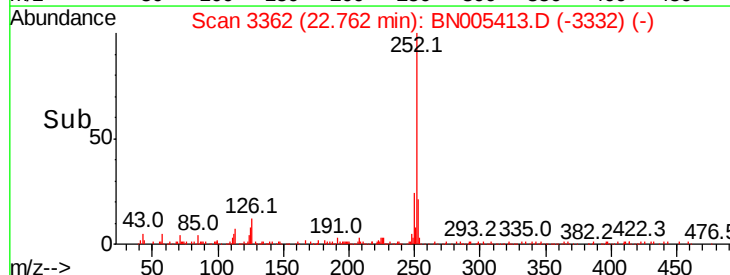
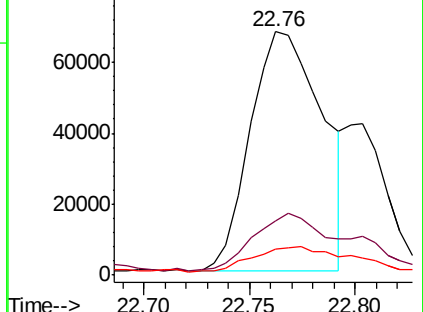
125 10.5 8.4 12.6

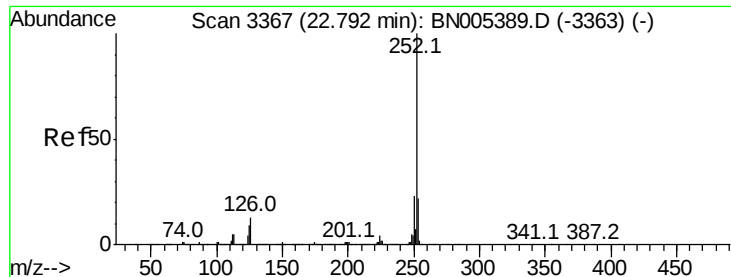


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 1.620 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. -0.06 min

Lab File: BN005413.D

Acq: 01 May 2019 16:31

Instrument :

BNA_N

ClientSampleId :

GAHX5MEDL

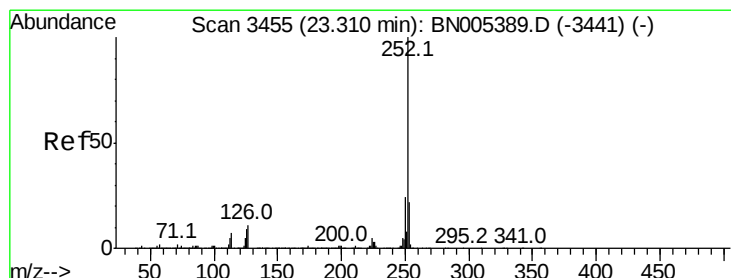
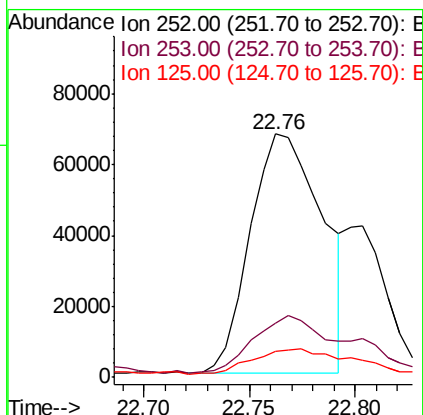
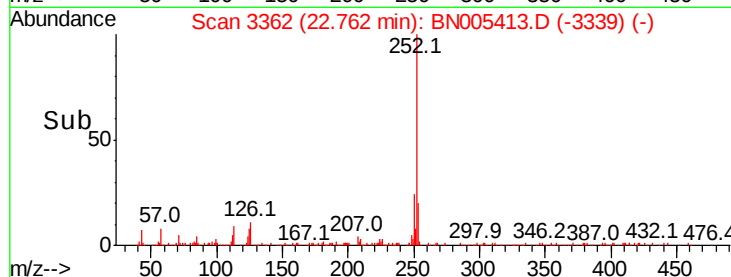
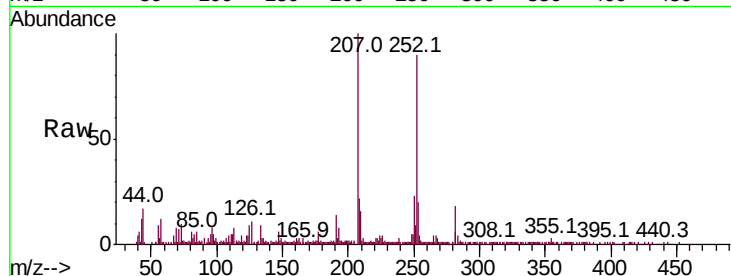
Tot Ion:252 Resp: 160981

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 10.5 7.5 11.3



#90

Benzo(a)pyrene

Concen: 1.458 ng/ul

RT: 23.32 min Scan# 3456

Delta R.T. -0.03 min

Lab File: BN005413.D

Acq: 01 May 2019 16:31

Tgt Ion:252 Resp: 142587

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 12.3 8.6 13.0

