

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
 Data File : BN005412.D
 Acq On : 01 May 2019 15:56
 Operator : JU/SJ
 Sample : K2481-17MEDL 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHX0MEDL

Quant Time: May 01 23:20:11 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	470303	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2022187	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1186495	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2498827	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1638488	20.00	ng/ul	-0.02
85) Perylene-d12	23.41	264	1643818	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	5437	0.56	ng/uL	0.00
5) Phenol-d5	6.78	99	111826	3.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	67604	2.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	93320	3.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	82429	2.85	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	48324	3.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	49060	3.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	90530	3.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	124355	4.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	303471	3.52	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	377243	3.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	23827	1.75	ng/ul	0.03
57) Fluorene-d10	15.23	176	263534	3.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	7043	0.63	ng/ul	0.01
70) Anthracene-d10	17.08	188	386895	3.69	ng/ul	0.00
78) Pyrene-d10	19.39	212	357925	4.27	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	259556	3.61	ng/ul	-0.03

Target Compounds

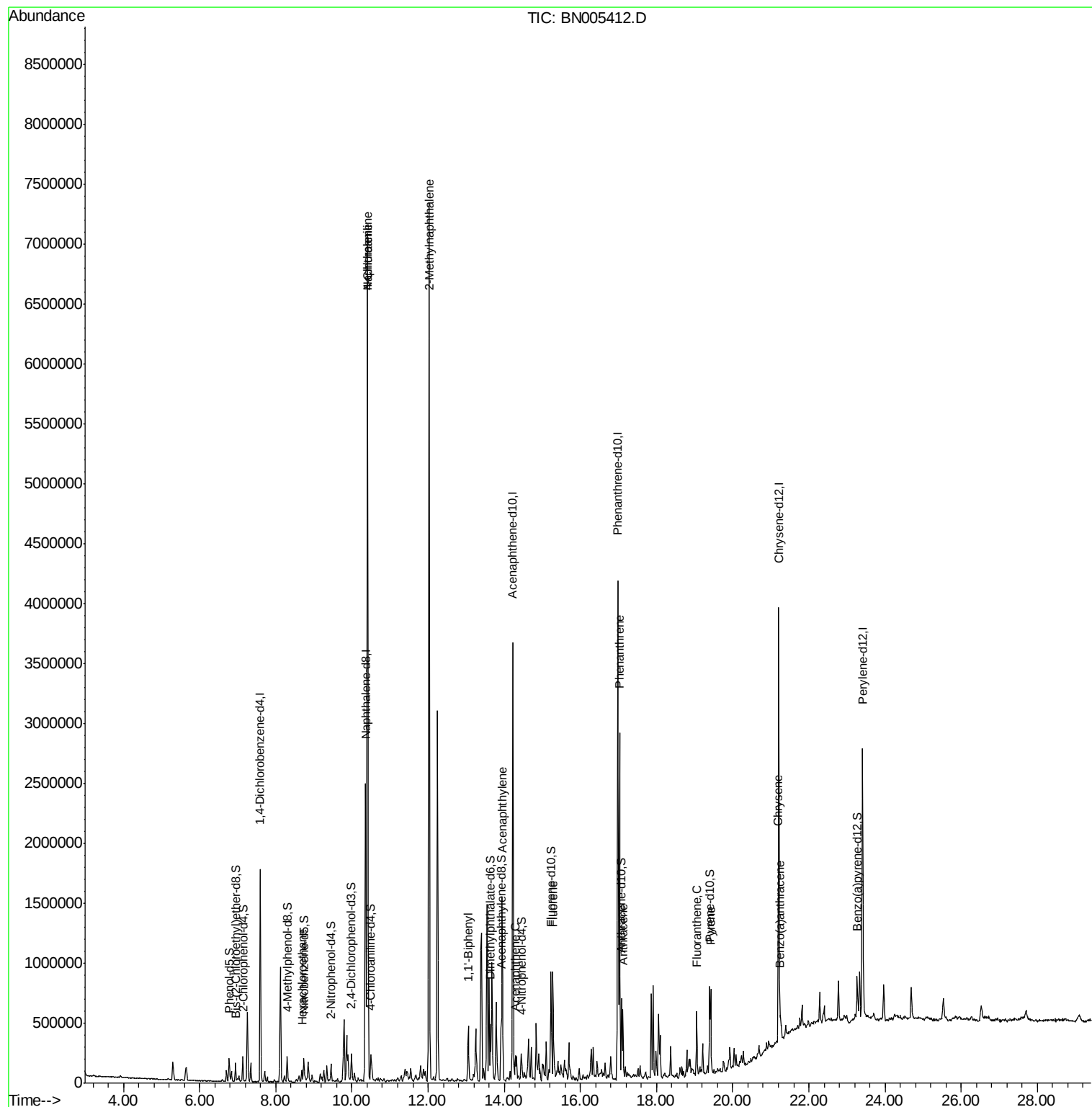
					Ovalue	
17) Hexachloroethane	8.68	117	25445	2.005	ng/ul#	6
28) Naphthalene	10.41	128	5705103	60.687	ng/ul	99
30) 4-Chloroaniline	10.41	127	754733	24.842	ng/ul#	11
34) 2-Methylnaphthalene	12.03	142	3489804	50.699	ng/ul	97
40) 1,1'-Biphenyl	13.05	154	216634	2.450	ng/ul	97
47) Acenaphthylene	13.95	152	925710	8.904	ng/ul	98
49) Acenaphthene	14.29	153	78112	1.101	ng/ul	92
58) Fluorene	15.28	166	428755	5.377	ng/ul	98
69) Phenanthrene	17.03	178	1809807	14.871	ng/ul	99
71) Anthracene	17.12	178	358050	2.888	ng/ul	98
76) Fluoranthene	19.06	202	283542	2.101	ng/ul	97
79) Pyrene	19.42	202	441251	4.183	ng/ul	96
82) Benzo(a)anthracene	21.24	228	113609	1.115	ng/ul	93
84) Chrysene	21.19	228	131135	1.386	ng/ul	94

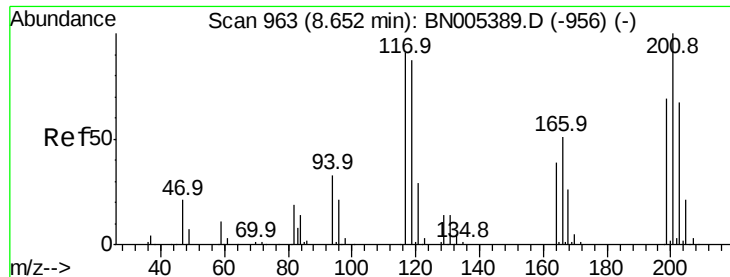
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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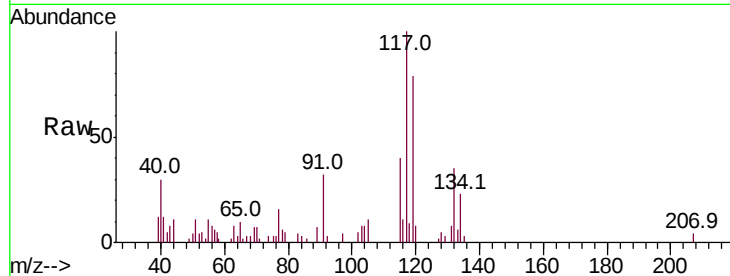




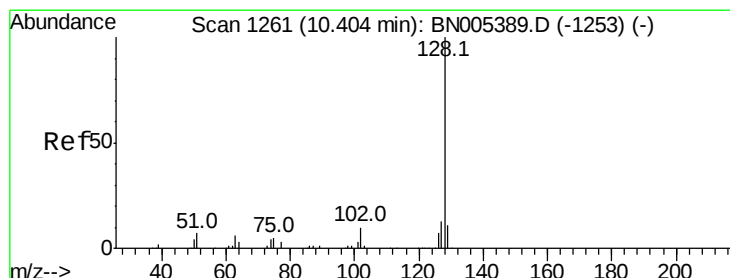
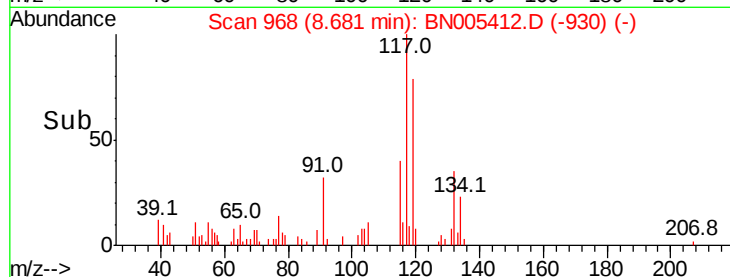
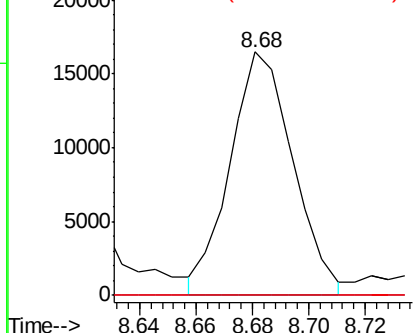
#17
Hexachloroethane
Concen: 2.005 ng/ul
RT: 8.68 min Scan# 968
Delta R.T. 0.02 min
Lab File: BN005412.D
Acq: 01 May 2019 15:56

Instrument :
BNA_N
ClientSampleId :
GAHX0MEDL

Tot Ion:117 Resp: 25445
Ion Ratio Lower Upper
117 100
201 0.0 84.1 126.1#
199 0.0 51.2 76.8#

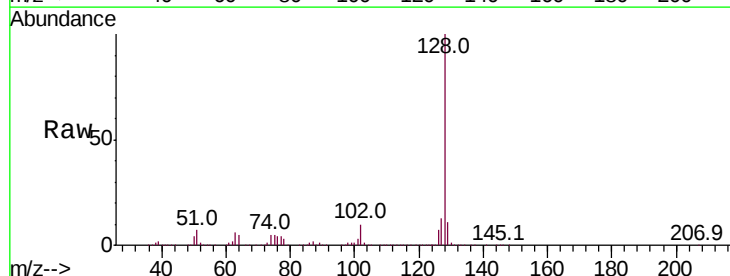


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

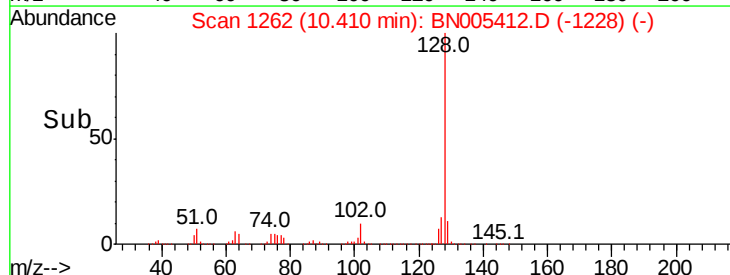
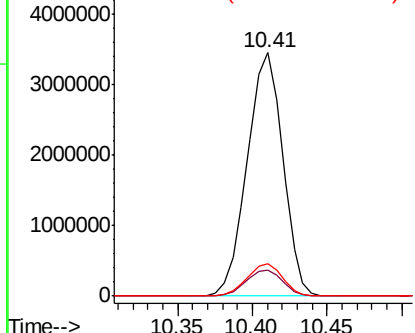


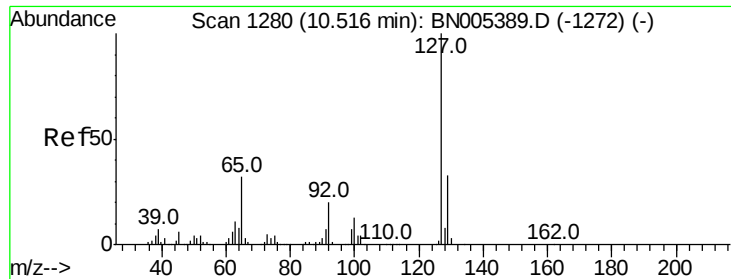
#28
Naphthalene
Concen: 60.687 ng/ul
RT: 10.41 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BN005412.D
Acq: 01 May 2019 15:56

Tgt Ion:128 Resp: 5705103
Ion Ratio Lower Upper
128 100
129 10.8 9.2 13.8
127 13.1 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

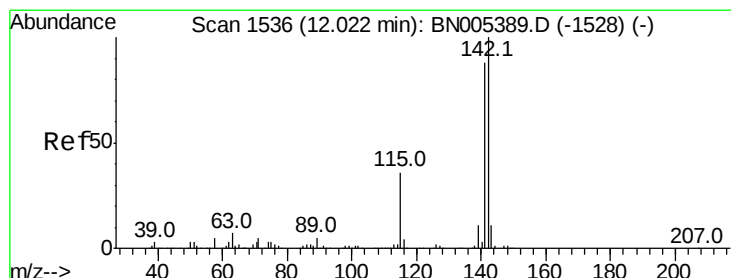
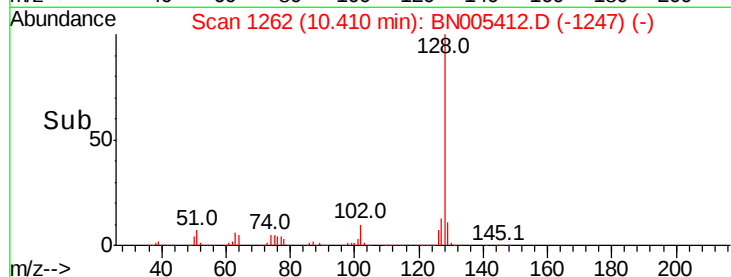
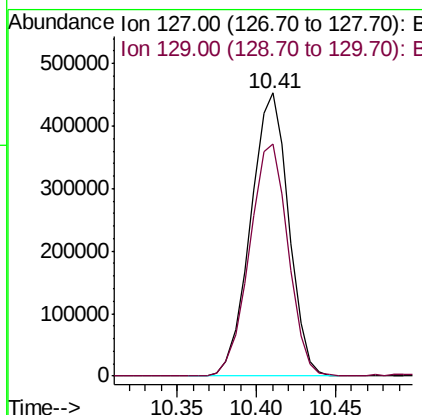
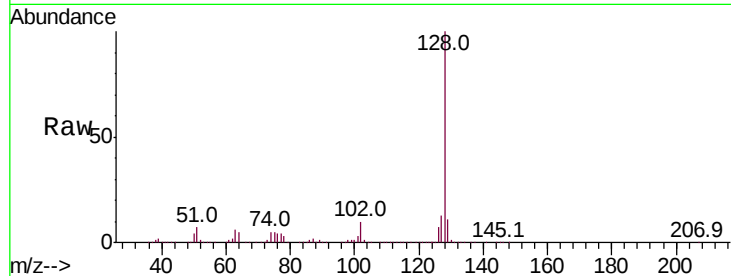




#30
 4-Chloroaniline
 Concen: 24.842 ng/ul
 RT: 10.41 min Scan# 1262
 Delta R.T. -0.11 min
 Lab File: BN005412.D
 Acq: 01 May 2019 15:56

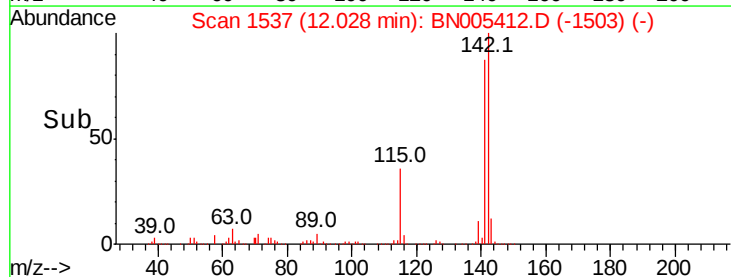
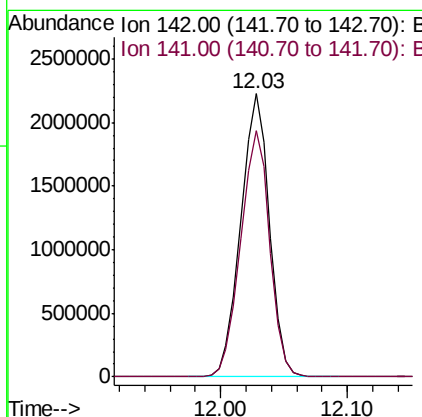
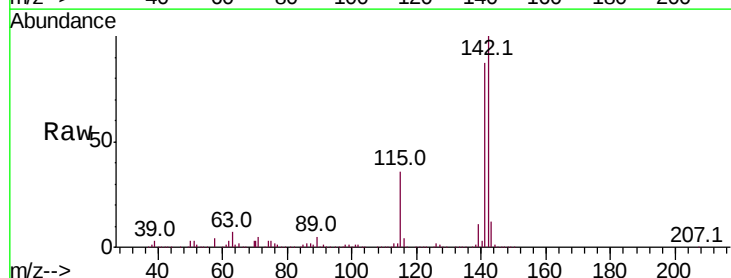
Instrument :
 BNA_N
 ClientSampleId :
 GAHX0MEDL

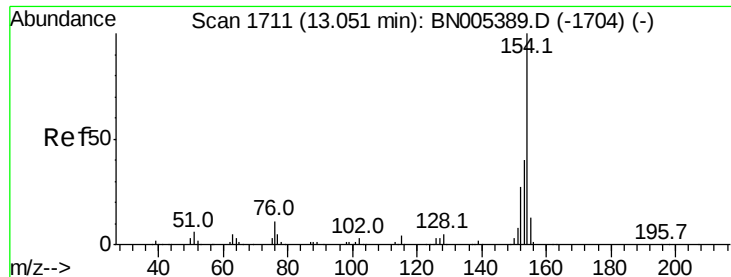
Tot Ion:127 Resp: 754733
 Ion Ratio Lower Upper
 127 100
 129 82.1 25.8 38.6#



#34
 2-Methylnaphthalene
 Concen: 50.699 ng/ul
 RT: 12.03 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BN005412.D
 Acq: 01 May 2019 15:56

Tgt Ion:142 Resp: 3489804
 Ion Ratio Lower Upper
 142 100
 141 87.1 72.0 108.0





#40

1,1'-Biphenyl

Concen: 2.450 ng/ul

RT: 13.05 min Scan# 1711

Delta R.T. -0.01 min

Lab File: BN005412.D

Acq: 01 May 2019 15:56

Instrument :

BNA_N

ClientSampleId :

GAHX0MEDL

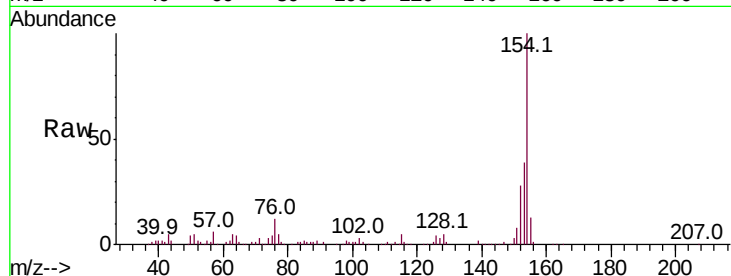
Tot Ion:154 Resp: 216634

Ion Ratio Lower Upper

154 100

153 39.0 32.6 49.0

76 12.3 10.4 15.6



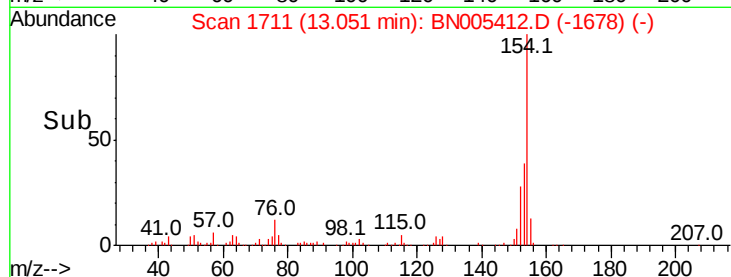
Abundance

Ion 154.00 (153.70 to 154.70): E

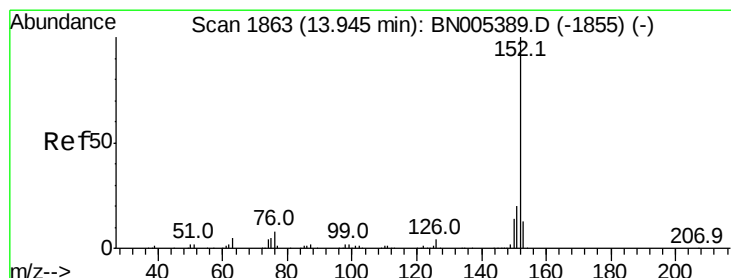
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC

13.05



Time-->



#47

Acenaphthylene

Concen: 8.904 ng/ul

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN005412.D

Acq: 01 May 2019 15:56

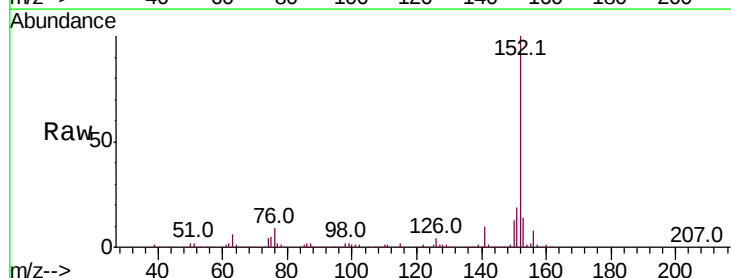
Tgt Ion:152 Resp: 925710

Ion Ratio Lower Upper

152 100

151 19.2 15.8 23.8

153 13.8 9.8 14.8



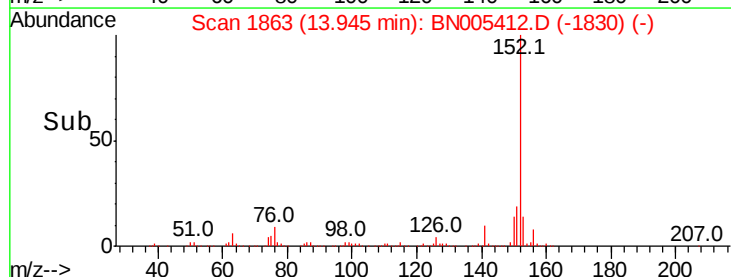
Abundance

Ion 152.00 (151.70 to 152.70): E

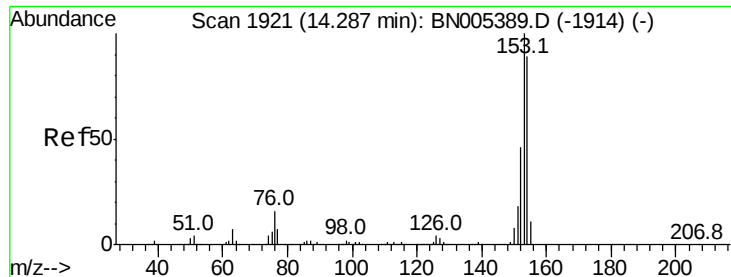
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

13.95



Time-->



#49

Acenaphthene

Concen: 1.101 ng/ul

RT: 14.29 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BN005412.D

Acq: 01 May 2019 15:56

Instrument :

BNA_N

ClientSampleId :

GAHX0MEDL

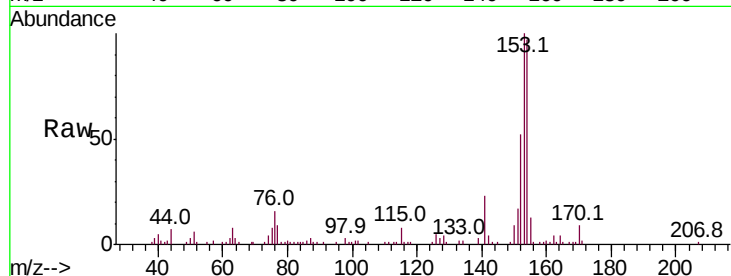
Tot Ion:153 Resp: 78112

Ion Ratio Lower Upper

153 100

152 52.1 37.4 56.0

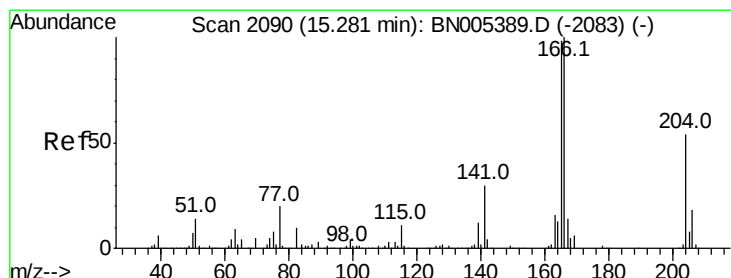
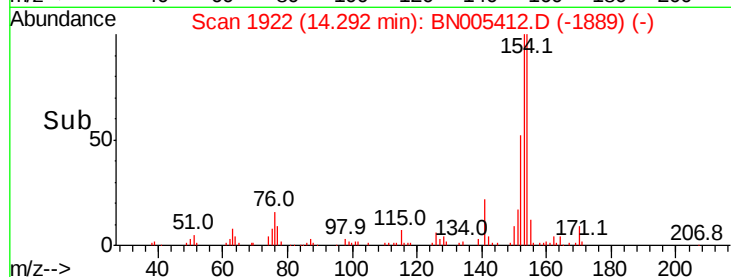
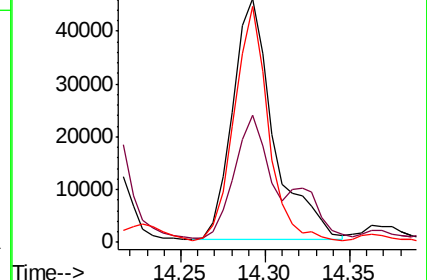
154 96.7 71.2 106.8



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



#58

Fluorene

Concen: 5.377 ng/ul

RT: 15.28 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BN005412.D

Acq: 01 May 2019 15:56

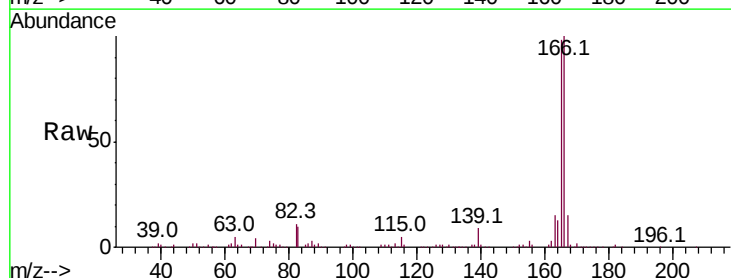
Tgt Ion:166 Resp: 428755

Ion Ratio Lower Upper

166 100

165 98.1 80.0 120.0

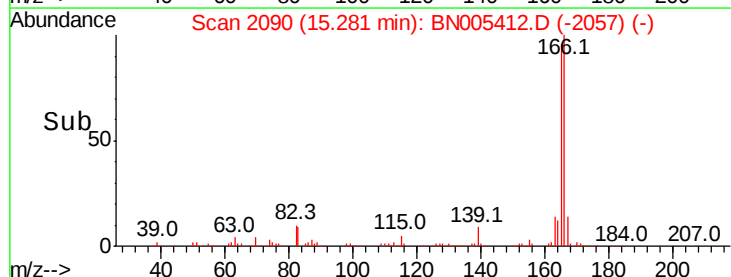
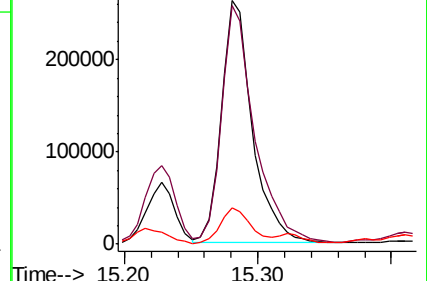
167 15.0 10.7 16.1

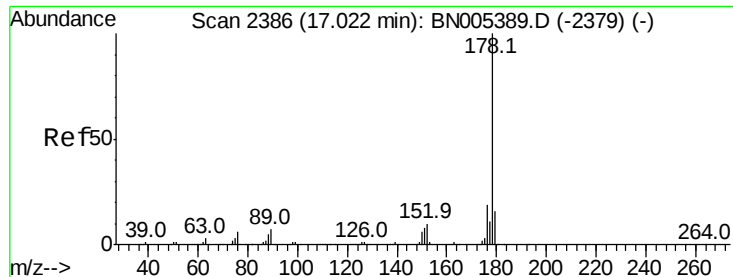


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 14.871 ng/ul

RT: 17.03 min Scan# 2387

Delta R.T. 0.00 min

Lab File: BN005412.D

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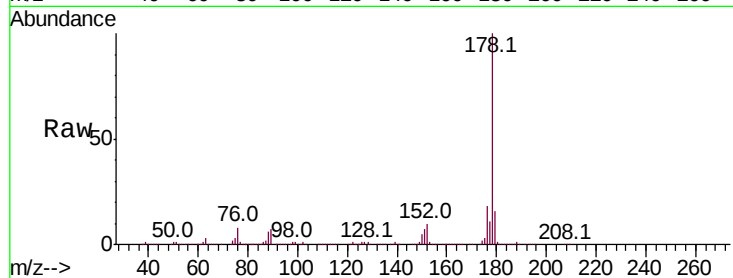
Tot Ion:178 Resp: 1809807

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

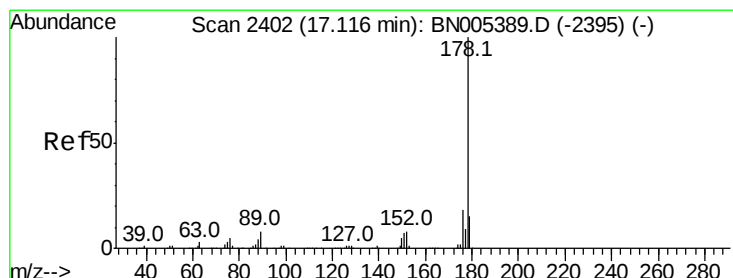
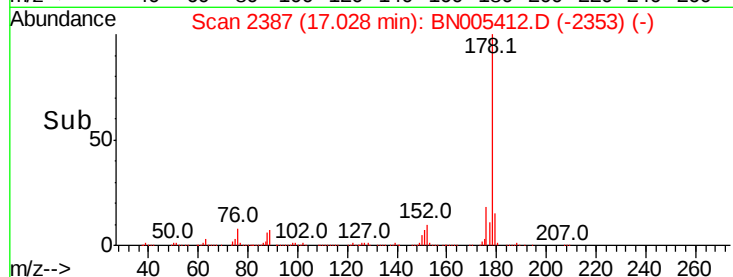
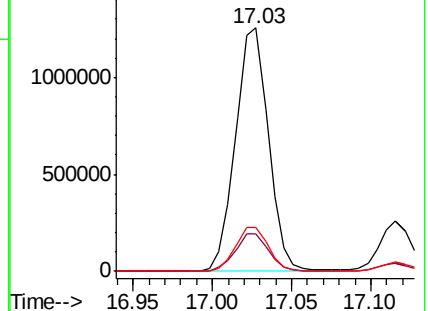
176 18.3 15.1 22.7



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: 2.888 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BN005412.D

Acq: 01 May 2019 15:56

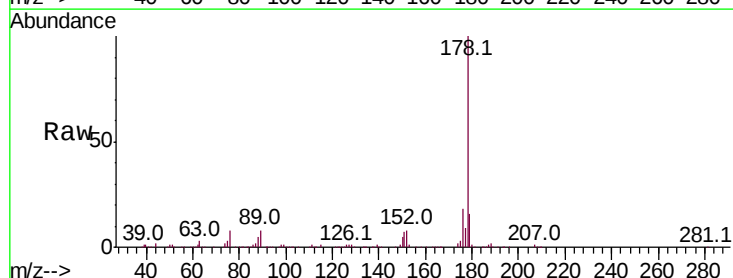
Tgt Ion:178 Resp: 358050

Ion Ratio Lower Upper

178 100

179 16.1 12.3 18.5

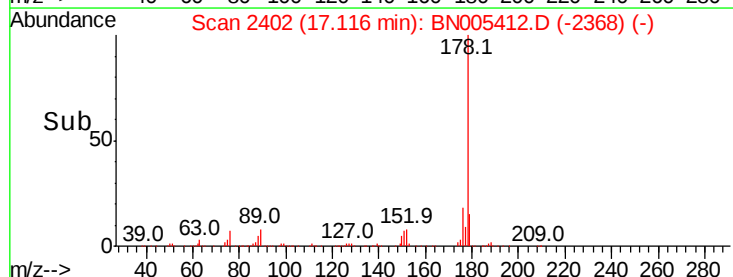
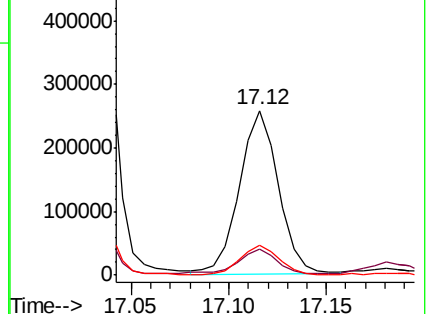
176 17.9 15.1 22.7

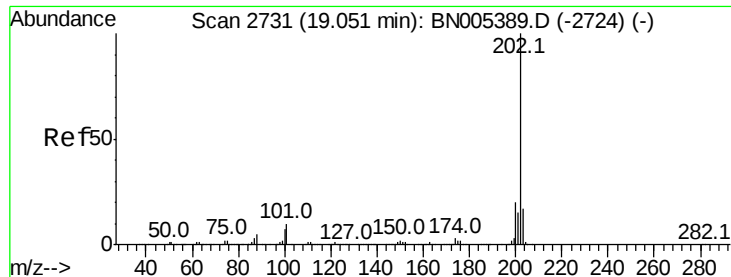


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 2.101 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BN005412.D

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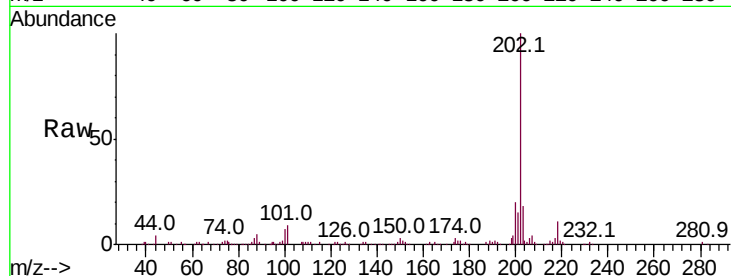
Tot Ion:202 Resp: 283542

Ion Ratio Lower Upper

202 100

101 9.3 8.6 12.8

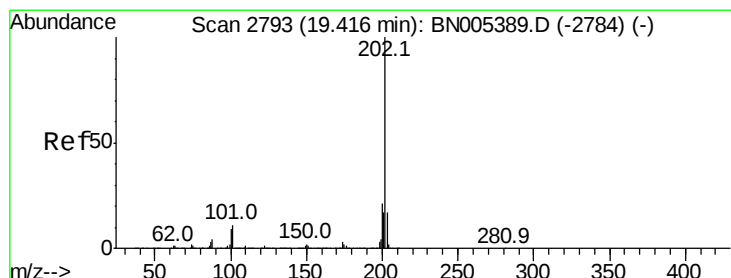
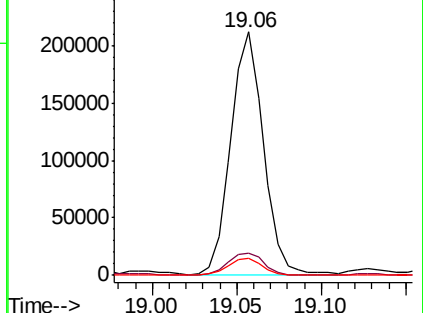
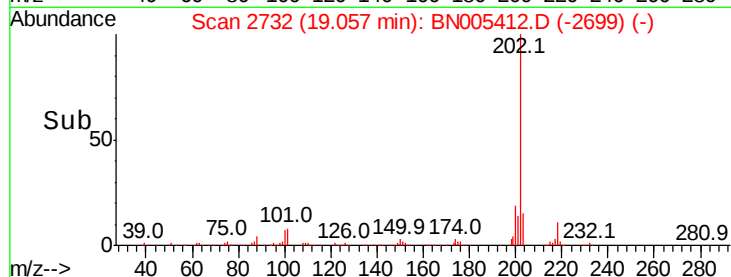
100 7.1 6.3 9.5



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: 4.183 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BN005412.D

Acq: 01 May 2019 15:56

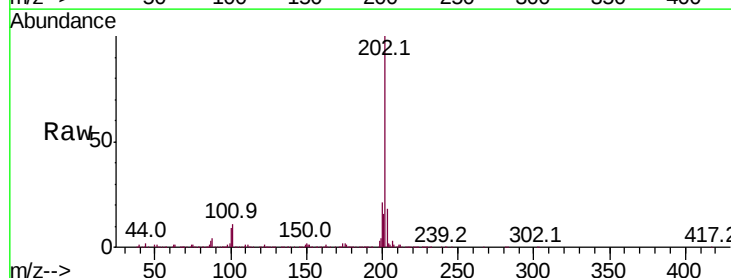
Tgt Ion:202 Resp: 441251

Ion Ratio Lower Upper

202 100

101 11.2 10.3 15.5

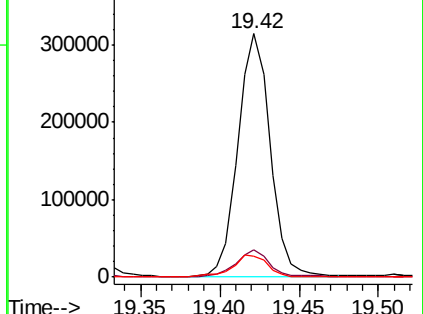
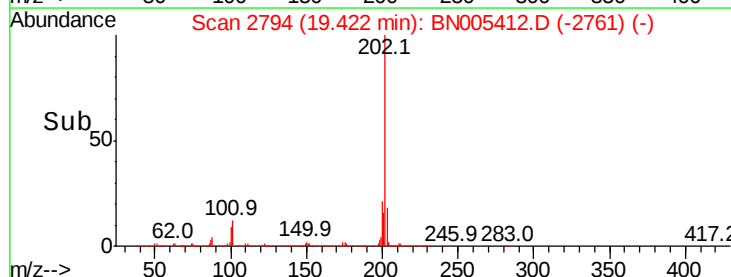
100 8.8 7.9 11.9

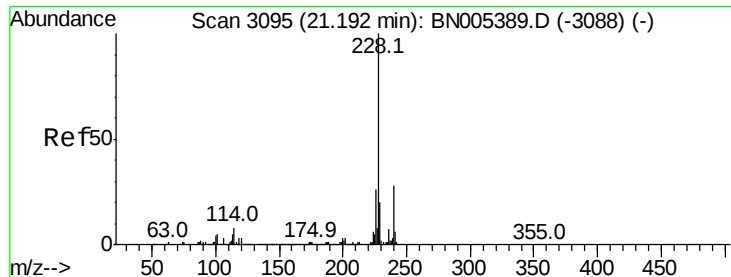


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 1.115 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. 0.04 min

Lab File: BN005412.D

Acq: 01 May 2019 15:56

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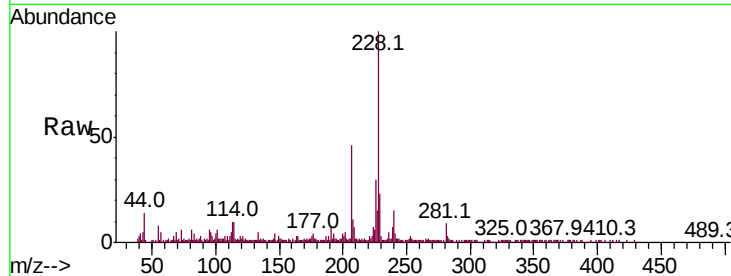
Tot Ion:228 Resp: 113609

Ion Ratio Lower Upper

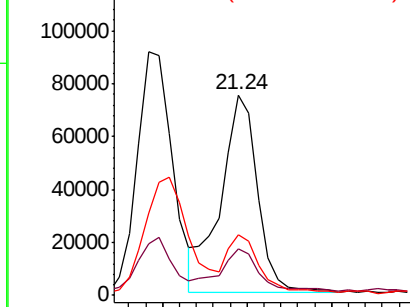
228 100

229 23.2 15.8 23.6

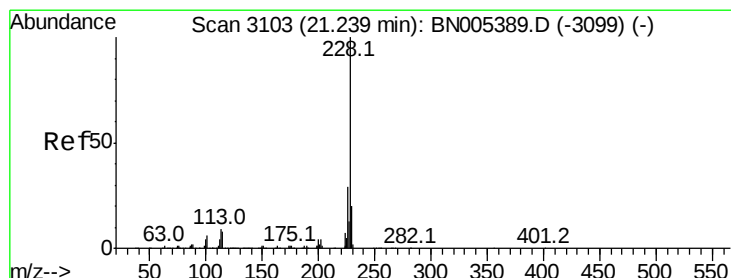
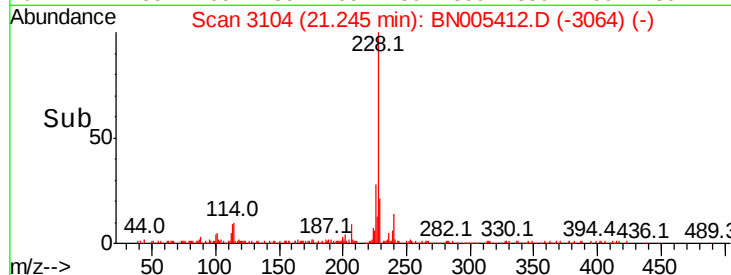
226 30.1 21.4 32.2



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



Time-->



#84

Chrysene

Concen: 1.386 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. -0.07 min

Lab File: BN005412.D

Acq: 01 May 2019 15:56

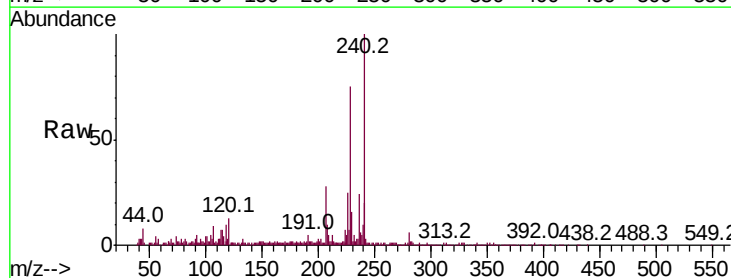
Tgt Ion:228 Resp: 131135

Ion Ratio Lower Upper

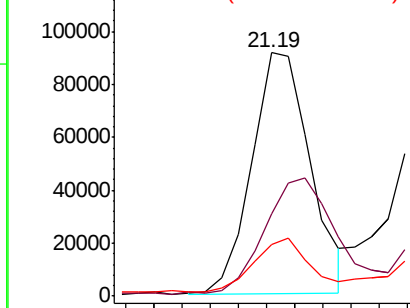
228 100

226 33.6 24.0 36.0

229 21.3 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



Time-->

