

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
 Data File : BN005411.D
 Acq On : 01 May 2019 15:21
 Operator : JU/SJ
 Sample : K2481-06MEDL 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHW1MEDL

Quant Time: May 01 23:19:56 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	510405	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2157870	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1262529	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2647180	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1798337	20.00	ng/ul	-0.02
85) Perylene-d12	23.42	264	1907824	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	4538	0.43	ng/uL	0.00
5) Phenol-d5	6.78	99	89428	2.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	55150	2.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	73648	2.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	65928	2.10	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	38906	2.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	38385	2.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	73128	2.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	104418	3.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	238665	2.60	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	297726	2.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.40	143	389	0.03	ng/ul	-0.03
57) Fluorene-d10	15.23	176	210129	2.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	4340	0.36	ng/ul	0.02
70) Anthracene-d10	17.08	188	312739	2.82	ng/ul	0.00
78) Pyrene-d10	19.39	212	272785	2.97	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	212948	2.55	ng/ul	-0.03

Target Compounds

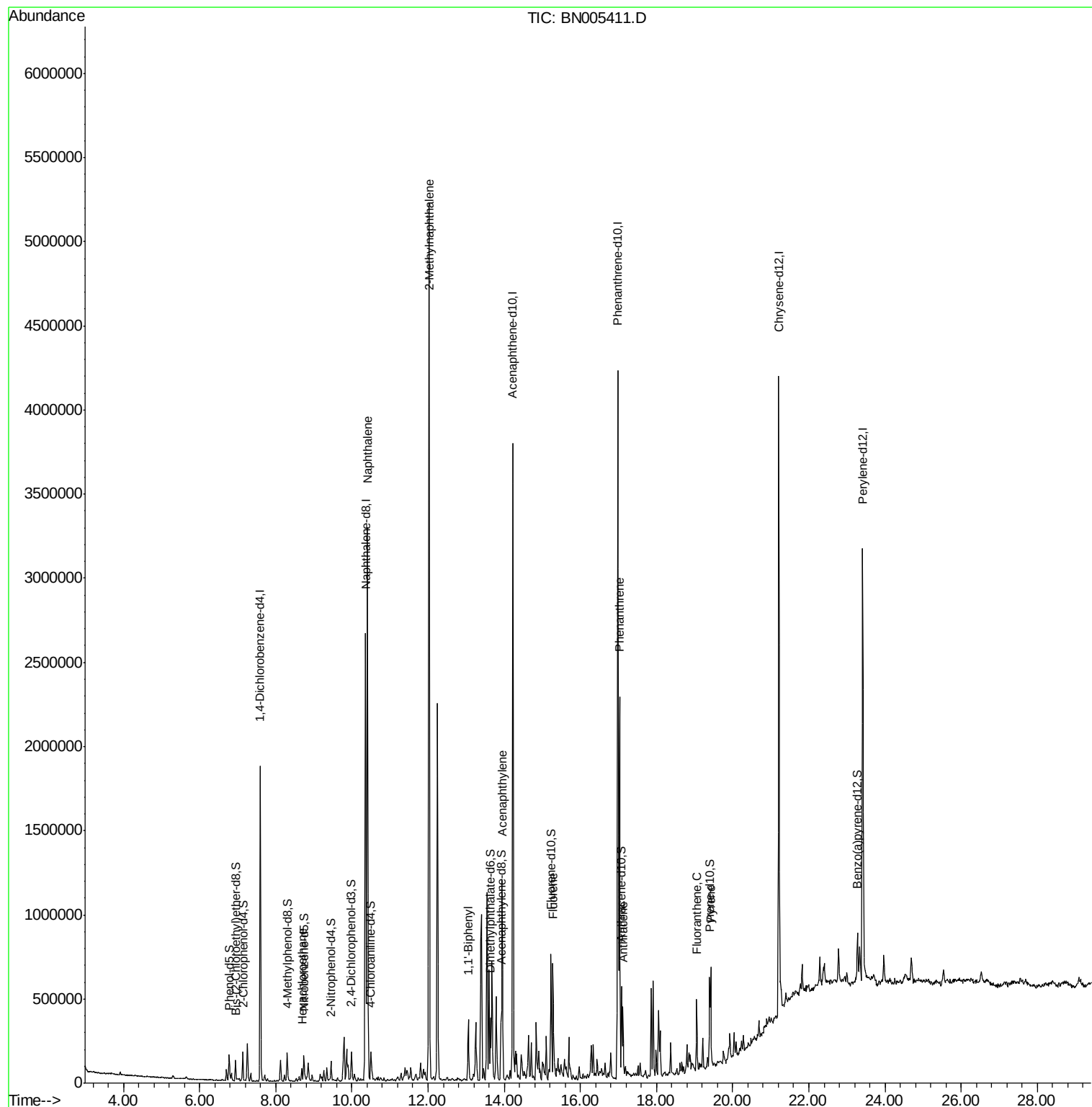
					Ovalue	
17) Hexachloroethane	8.68	117	17823	1.294	ng/ul#	6
28) Naphthalene	10.40	128	2652738	26.444	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	2510073	34.173	ng/ul	98
40) 1,1'-Biphenyl	13.06	154	165491	1.759	ng/ul#	95
47) Acenaphthylene	13.95	152	709312	6.412	ng/ul	98
58) Fluorene	15.28	166	340426	4.012	ng/ul	97
69) Phenanthrene	17.03	178	1398612	10.849	ng/ul	99
71) Anthracene	17.12	178	272636	2.076	ng/ul	99
76) Fluoranthene	19.06	202	230324	1.611	ng/ul	97
79) Pyrene	19.42	202	354335	3.060	ng/ul	96

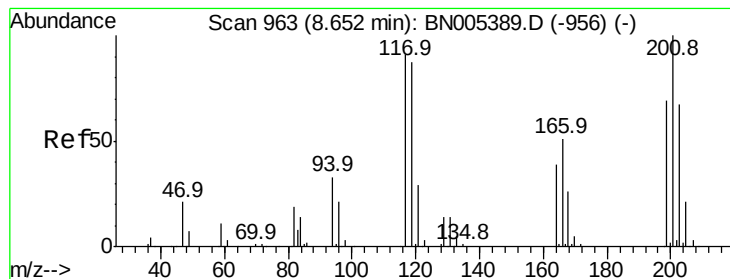
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration





#17

Hexachloroethane

Concen: 1.294 ng/ul

RT: 8.68 min Scan# 968

Delta R.T. 0.02 min

Lab File: BN005411.D

Acq: 01 May 2019 15:21

Instrument :

BNA_N

ClientSampleId :

GAHW1MEDL

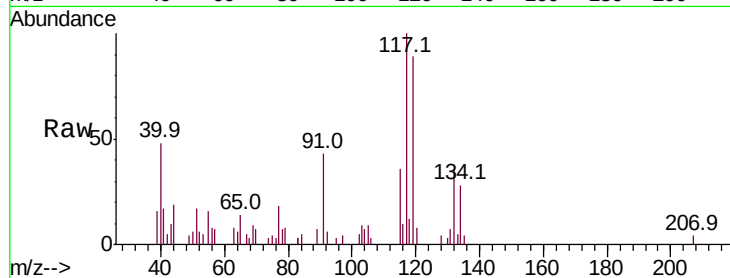
Tot Ion:117 Resp: 17823

Ion Ratio Lower Upper

117 100

201 0.0 84.1 126.1#

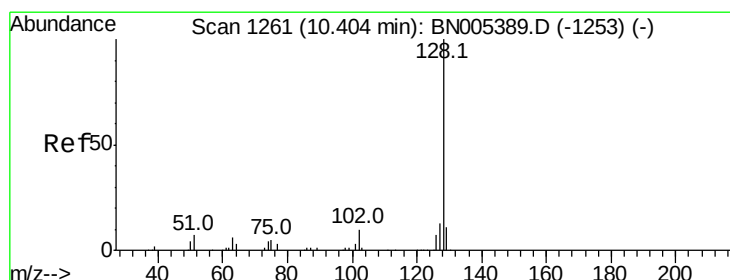
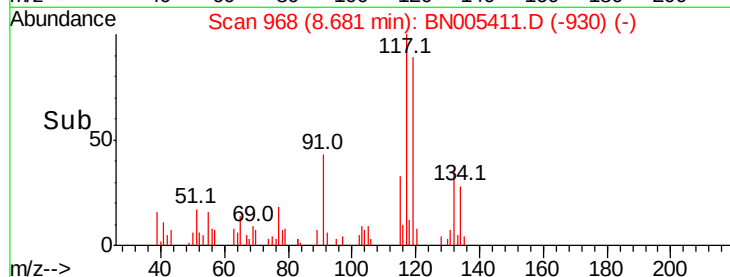
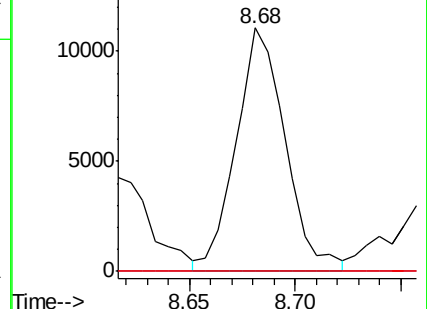
199 0.0 51.2 76.8#



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: 26.444 ng/ul

RT: 10.40 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BN005411.D

Acq: 01 May 2019 15:21

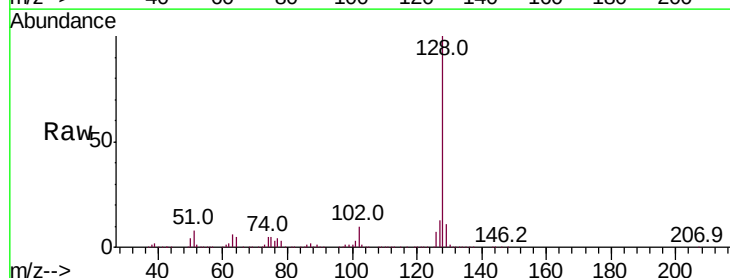
Tgt Ion:128 Resp: 2652738

Ion Ratio Lower Upper

128 100

129 11.0 9.2 13.8

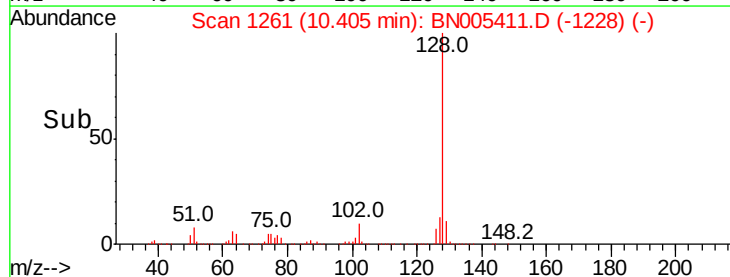
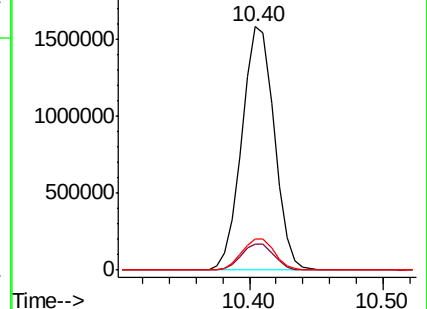
127 13.0 10.7 16.1

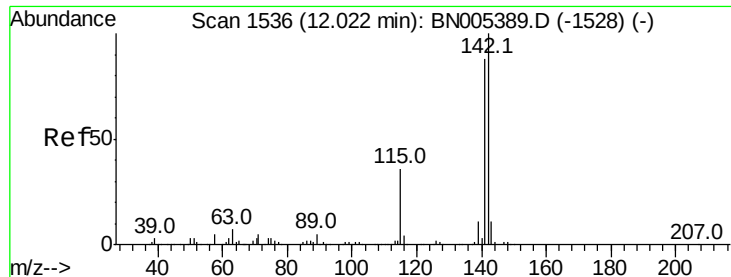


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

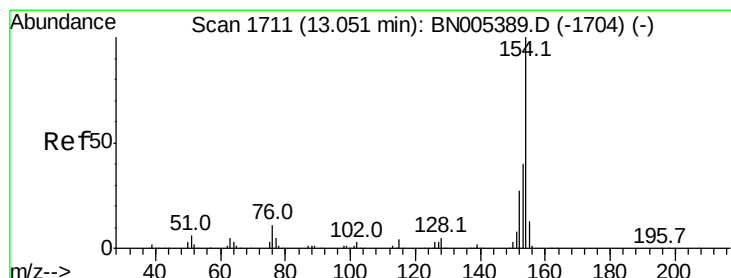
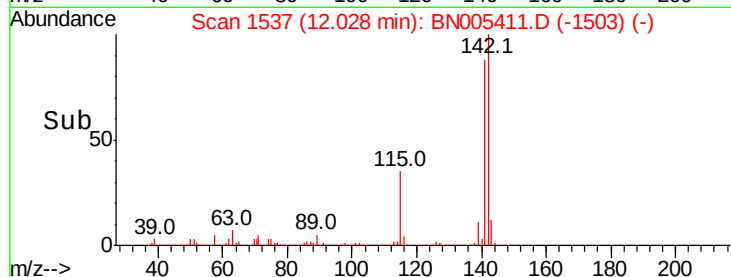
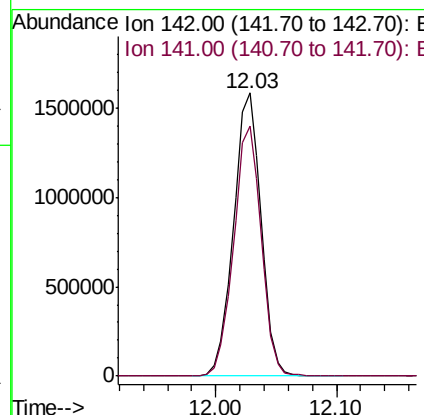
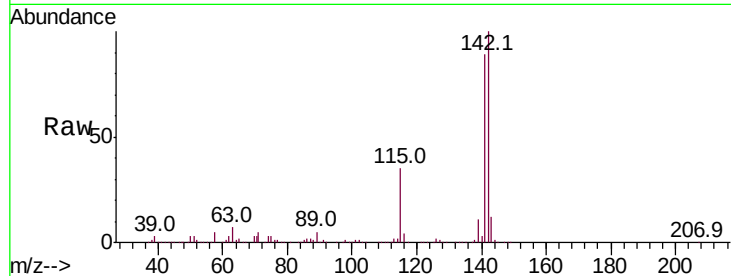




#34
 2-Methylnaphthalene
 Concen: 34.173 ng/ul
 RT: 12.03 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BN005411.D
 Acq: 01 May 2019 15:21

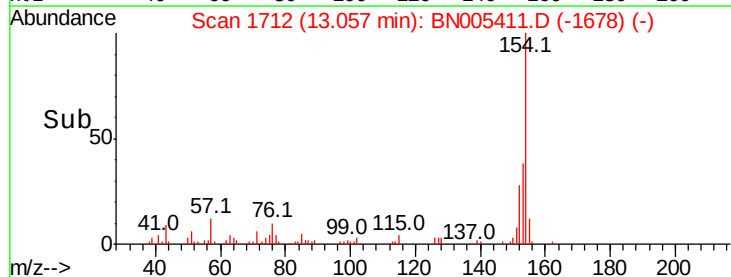
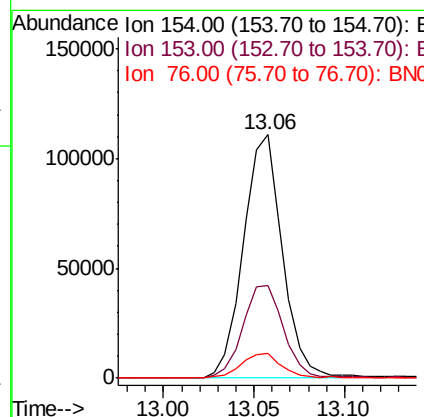
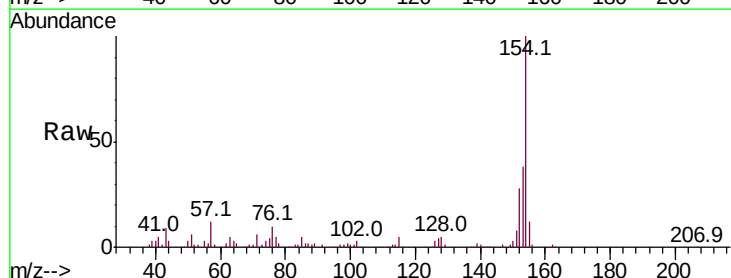
Instrument :
 BNA_N
 ClientSampleId :
 GAHW1MEDL

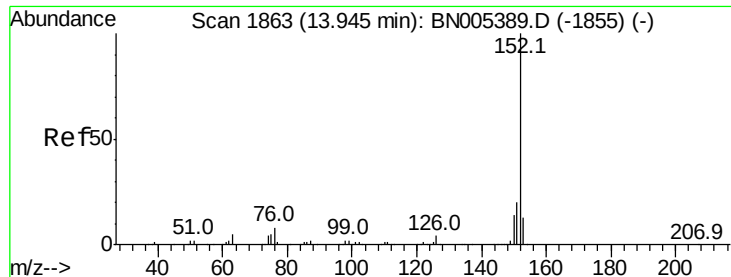
Tot Ion:142 Resp: 2510073
 Ion Ratio Lower Upper
 142 100
 141 88.6 72.0 108.0



#40
 1,1'-Biphenyl
 Concen: 1.759 ng/ul
 RT: 13.06 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BN005411.D
 Acq: 01 May 2019 15:21

Tgt Ion:154 Resp: 165491
 Ion Ratio Lower Upper
 154 100
 153 38.2 32.6 49.0
 76 10.3 10.4 15.6#





#47

Acenaphthylene

Concen: 6.412 ng/ul

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN005411.D

Acq: 01 May 2019 15:21

Instrument :

BNA_N

ClientSampleId :

GAHW1MEDL

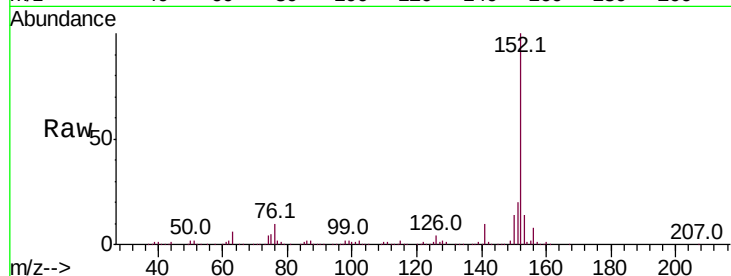
Tot Ion:152 Resp: 709312

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

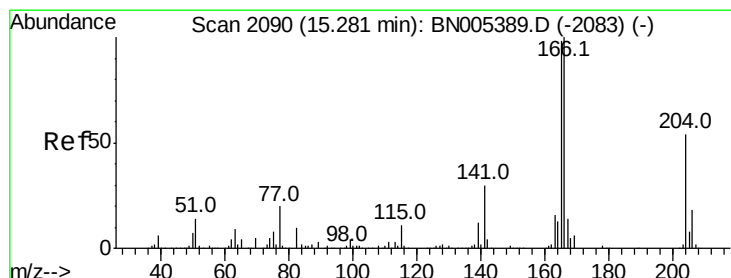
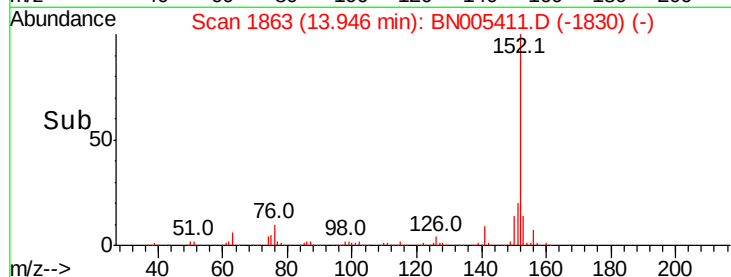
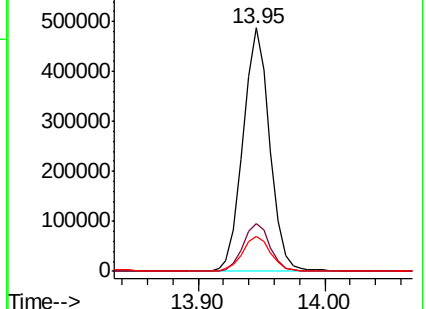
153 14.2 9.8 14.8



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



#58

Fluorene

Concen: 4.012 ng/ul

RT: 15.28 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BN005411.D

Acq: 01 May 2019 15:21

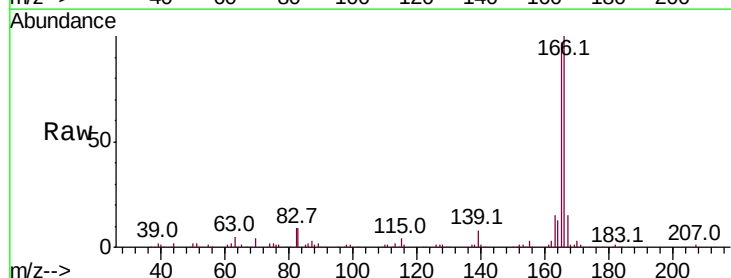
Tgt Ion:166 Resp: 340426

Ion Ratio Lower Upper

166 100

165 96.8 80.0 120.0

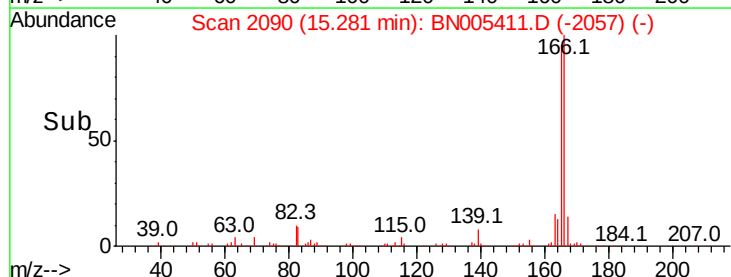
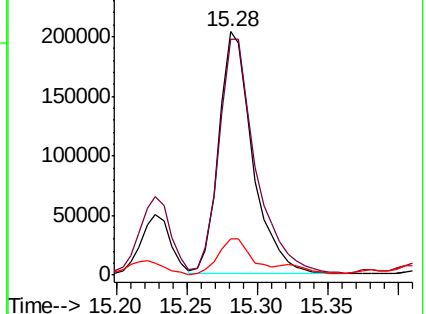
167 15.1 10.7 16.1

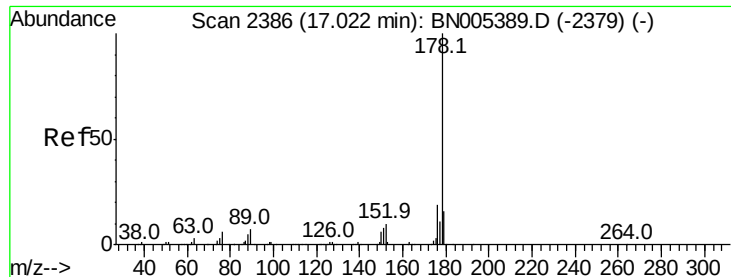


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 10.849 ng/ul

RT: 17.03 min Scan# 2387

Delta R.T. 0.00 min

Lab File: BN005411.D

Acq: 01 May 2019 15:21

Instrument :

BNA_N

ClientSampleId :

GAHW1MEDL

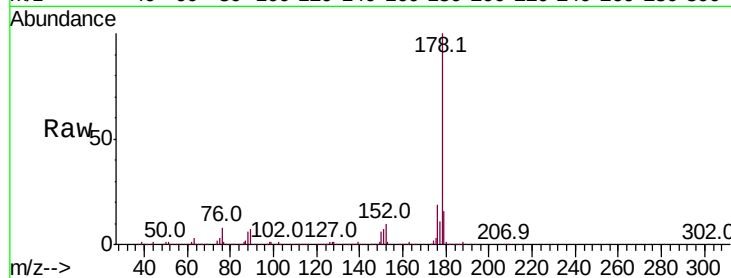
Tot Ion:178 Resp: 1398612

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.4

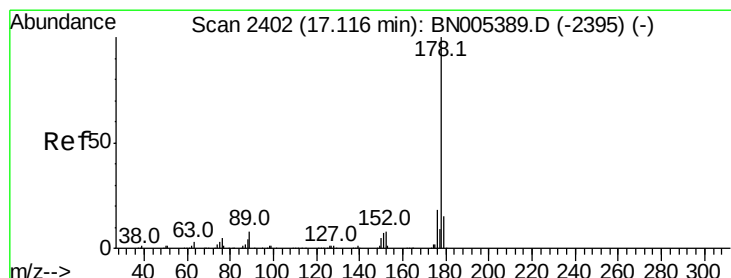
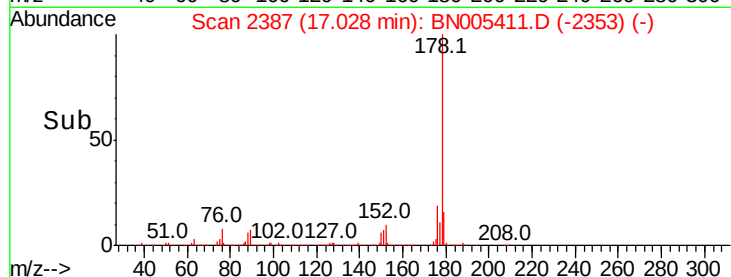
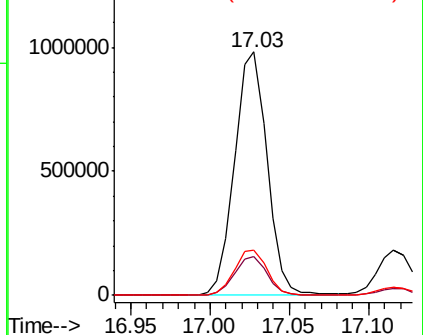
176 18.5 15.1 22.7



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: 2.076 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BN005411.D

Acq: 01 May 2019 15:21

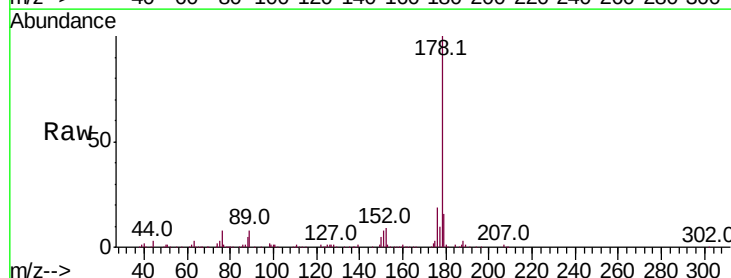
Tgt Ion:178 Resp: 272636

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

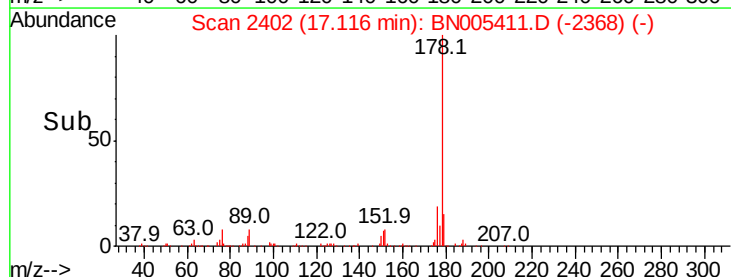
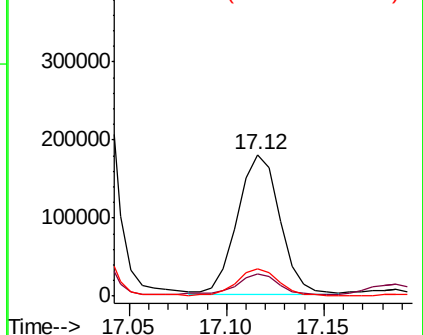
176 19.3 15.1 22.7

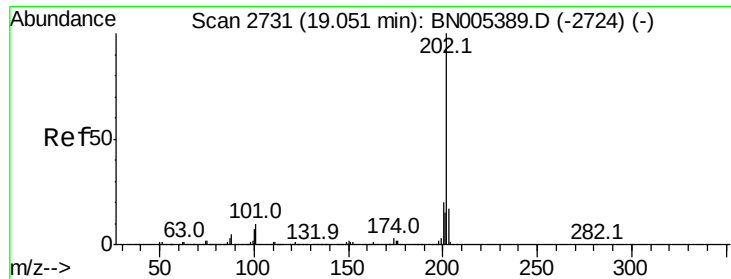


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 1.611 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BN005411.D

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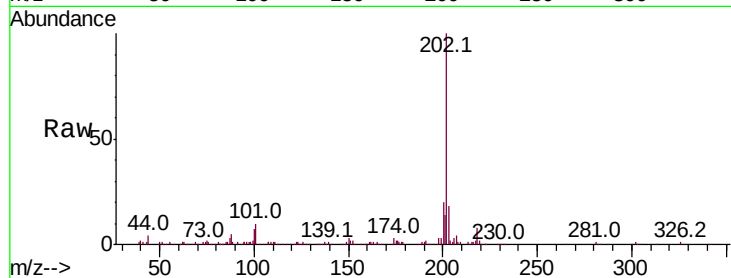
Tot Ion:202 Resp: 230324

Ion Ratio Lower Upper

202 100

101 9.7 8.6 12.8

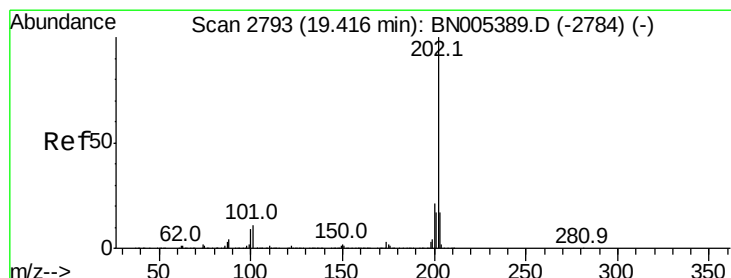
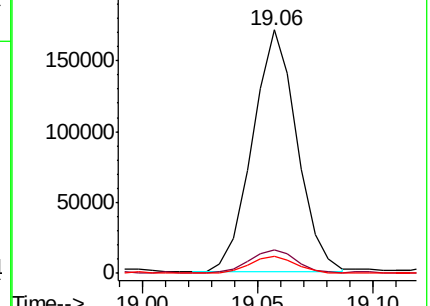
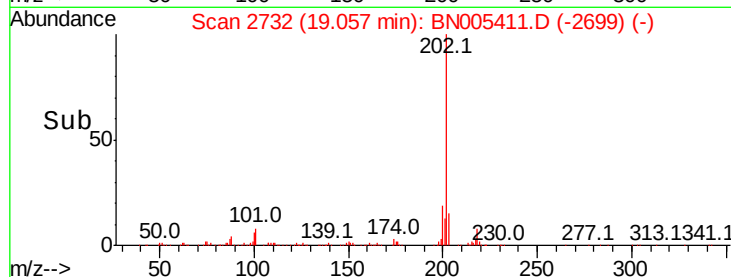
100 6.9 6.3 9.5



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: 3.060 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BN005411.D

Acq: 01 May 2019 15:21

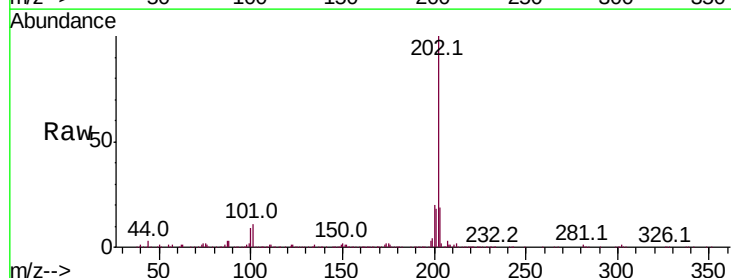
Tgt Ion:202 Resp: 354335

Ion Ratio Lower Upper

202 100

101 11.0 10.3 15.5

100 8.5 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

