

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
 Data File : BN005428.D
 Acq On : 02 May 2019 22:29
 Operator : JU/SJ
 Sample : K2456-02MEDL 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ2MEDL

Quant Time: May 03 03:12:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	260858	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1143199	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	739639	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1726703	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1576628	20.00	ng/ul	-0.01
85) Perylene-d12	23.40	264	1582573	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	3363	0.62	ng/uL	0.00
5) Phenol-d5	6.78	99	53073	2.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	35050	2.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	44595	2.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	37937	2.37	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	23181	3.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	25813	3.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	43397	2.65	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	62440	3.70	ng/ul	0.01
43) Dimethylphthalate-d6	13.64	166	174381	3.25	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	211719	3.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	12310	1.45	ng/ul	0.03
57) Fluorene-d10	15.22	176	160540	3.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	12305	1.58	ng/ul	0.00
70) Anthracene-d10	17.07	188	236821	3.27	ng/ul	0.00
78) Pyrene-d10	19.39	212	274290	3.40	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	227632	3.29	ng/ul	-0.02

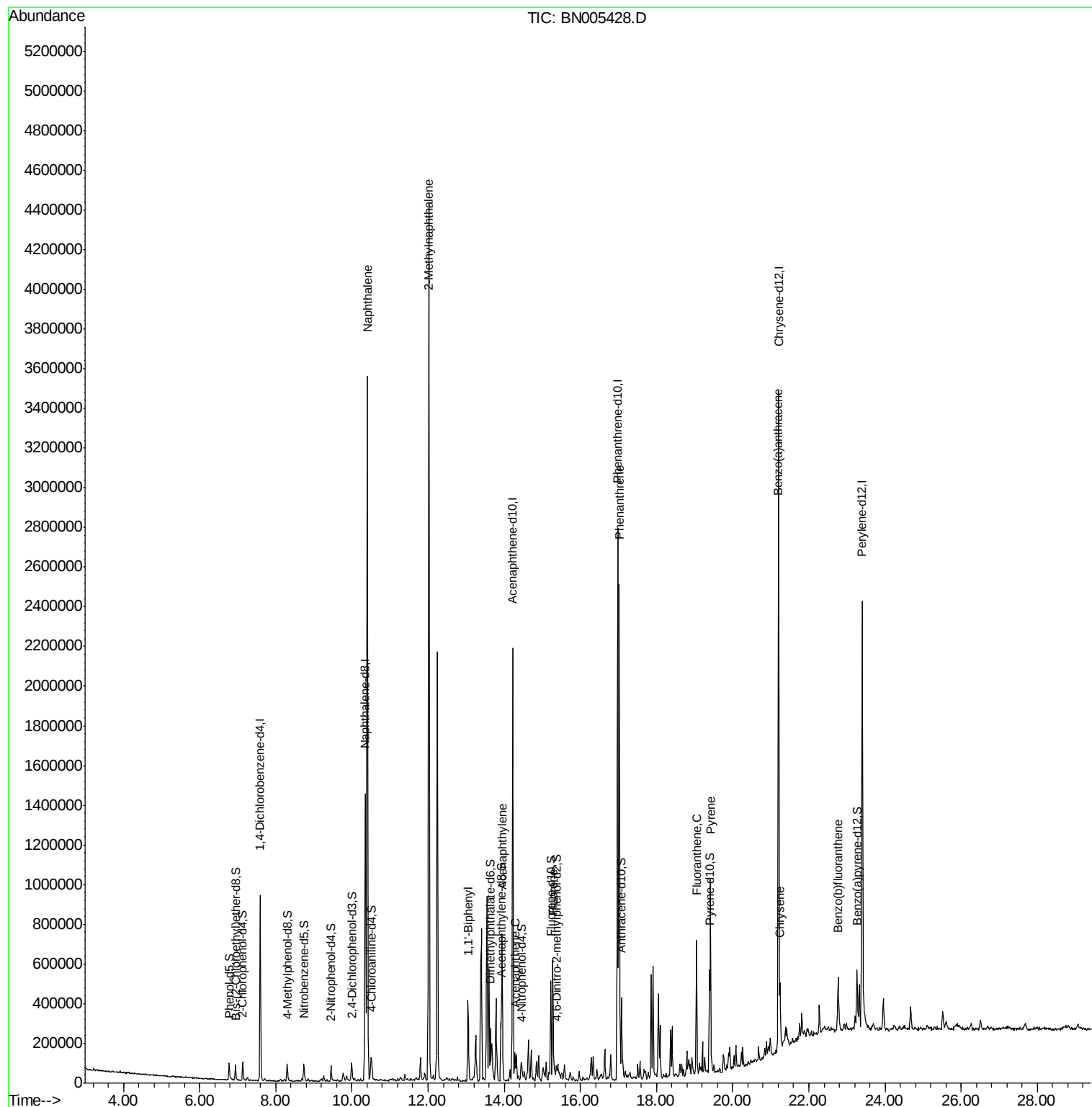
Target Compounds				Ovalue		
28) Naphthalene	10.40	128	2892400	54.424	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	2154780	55.373	ng/ul	97
40) 1,1'-Biphenyl	13.05	154	192729	3.497	ng/ul	97
47) Acenaphthylene	13.95	152	426868	6.587	ng/ul	98
49) Acenaphthene	14.29	153	47073	1.064	ng/ul	97
58) Fluorene	15.28	166	276183	5.556	ng/ul	98
69) Phenanthrene	17.02	178	1574983	18.729	ng/ul	100
76) Fluoranthene	19.05	202	406927	4.363	ng/ul	96
79) Pyrene	19.42	202	618931	6.097	ng/ul	97
82) Benzo(a)anthracene	21.19	228	167783	1.711	ng/ul	96
84) Chrysene	21.24	228	177298	1.948	ng/ul	99
87) Benzo(b)fluoranthene	22.76	252	99988	1.124	ng/ul	97

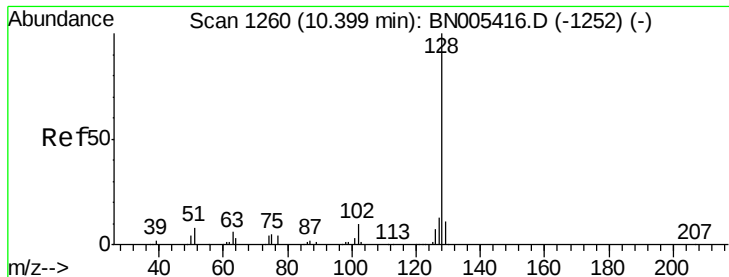
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration





#28

Naphthalene

Concen: 54.424 ng/ul

RT: 10.40 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BN005428.D

Acq: 02 May 2019 22:29

Instrument :

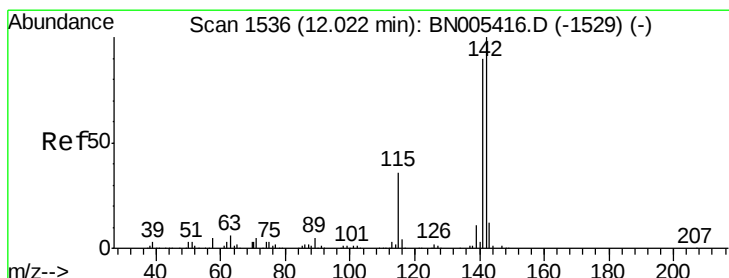
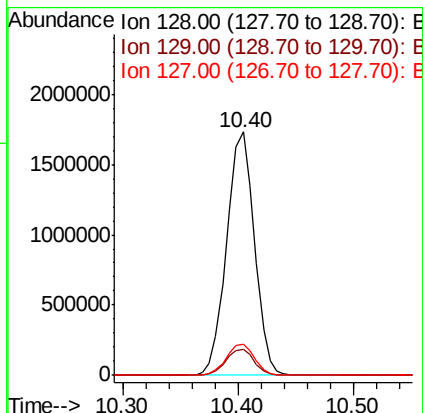
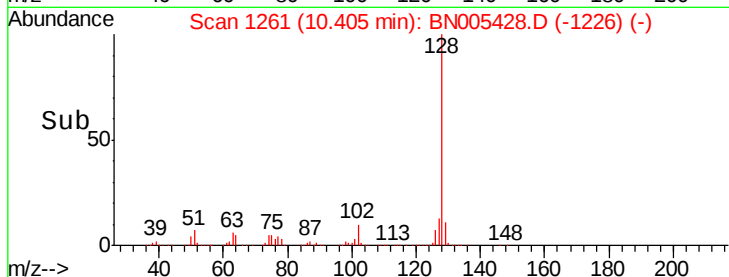
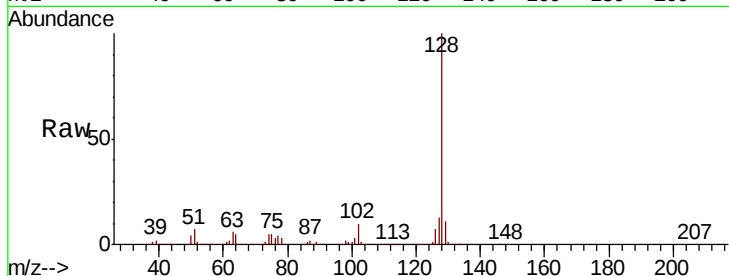
BNA_N

ClientSampleId :

GAHQ2MEDL

Tot Ion:128 Resp: 2892400

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.2	13.8
127	13.0	10.7	16.1



#34

2-Methylnaphthalene

Concen: 55.373 ng/ul

RT: 12.02 min Scan# 1536

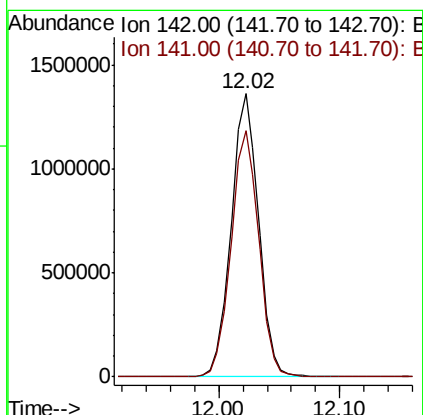
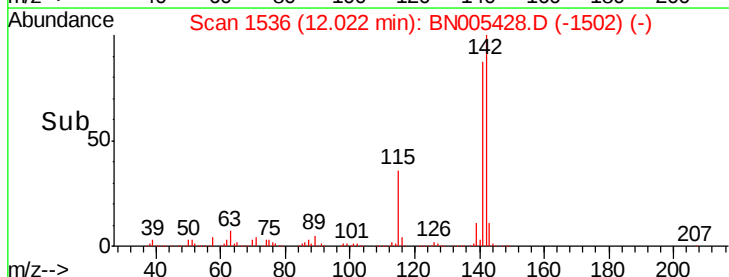
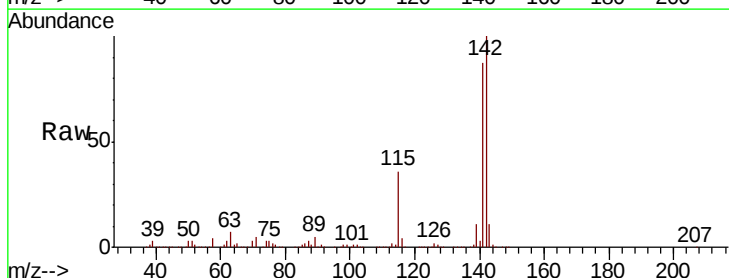
Delta R.T. -0.00 min

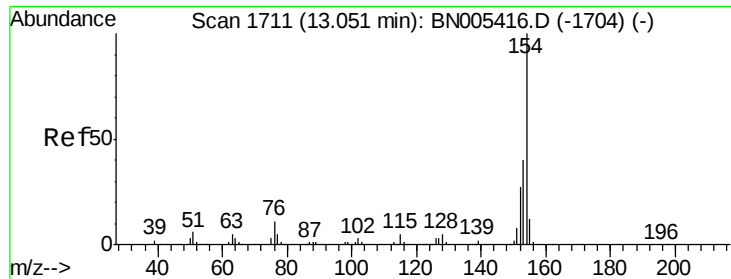
Lab File: BN005428.D

Acq: 02 May 2019 22:29

Tgt Ion:142 Resp: 2154780

Ion	Ratio	Lower	Upper
142	100		
141	87.2	72.0	108.0





#40

1,1'-Biphenyl

Concen: 3.497 ng/ul

RT: 13.05 min Scan# 1711

Delta R.T. -0.00 min

Lab File: BN005428.D

Acq: 02 May 2019 22:29

Instrument :

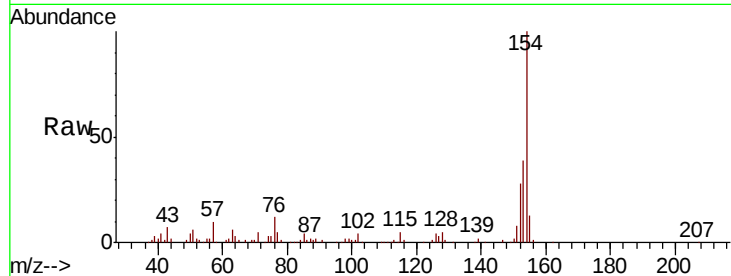
BNA_N

ClientSampleId :

GAHQ2MEDL

Tot Ion:154 Resp: 192729

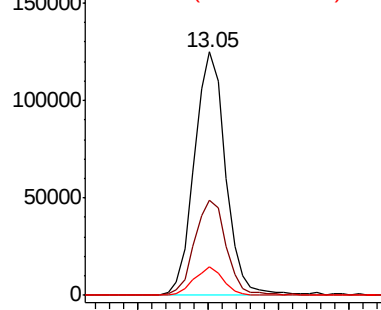
Ion	Ratio	Lower	Upper
154	100		
153	39.1	32.6	49.0
76	12.0	10.4	15.6



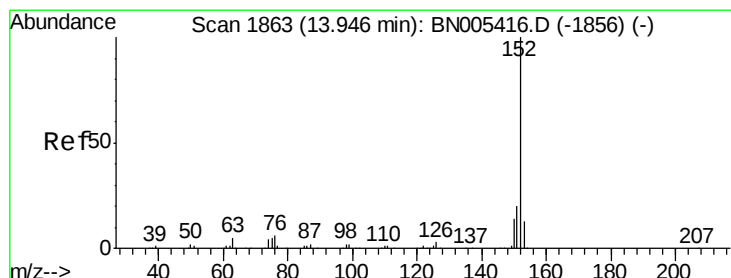
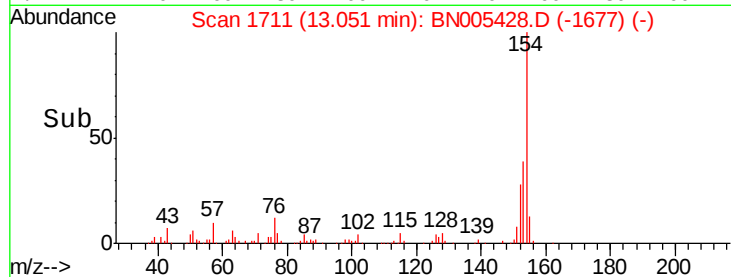
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



Time-->



#47

Acenaphthylene

Concen: 6.587 ng/ul

RT: 13.95 min Scan# 1863

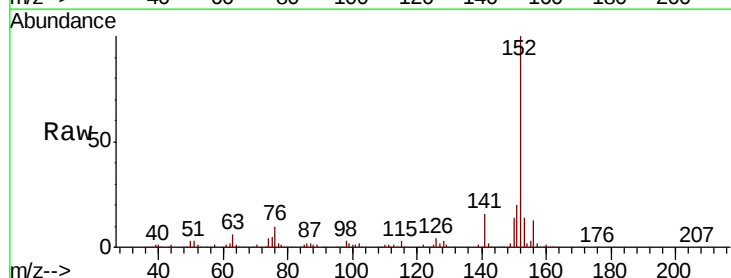
Delta R.T. -0.00 min

Lab File: BN005428.D

Acq: 02 May 2019 22:29

Tgt Ion:152 Resp: 426868

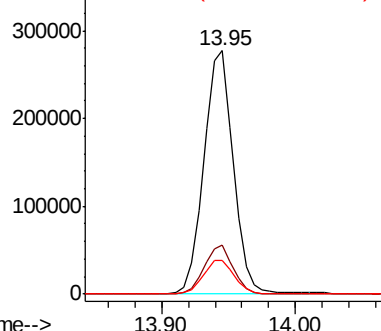
Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.8
153	13.6	9.8	14.8



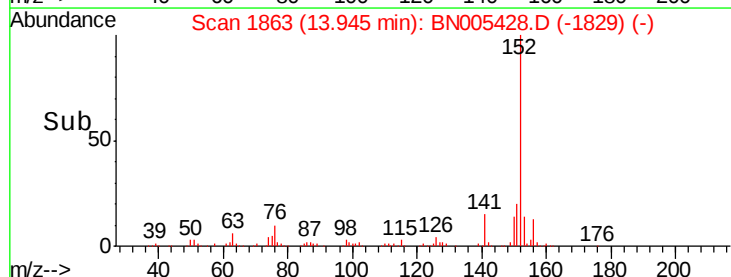
Abundance Ion 152.00 (151.70 to 152.70): E

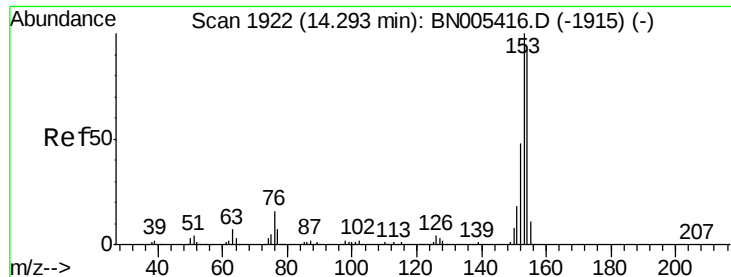
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->





#49

Acenaphthene

Concen: 1.064 ng/ul

RT: 14.29 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BN005428.D

Acq: 02 May 2019 22:29

Instrument :

BNA_N

ClientSampleId :

GAHQ2MEDL

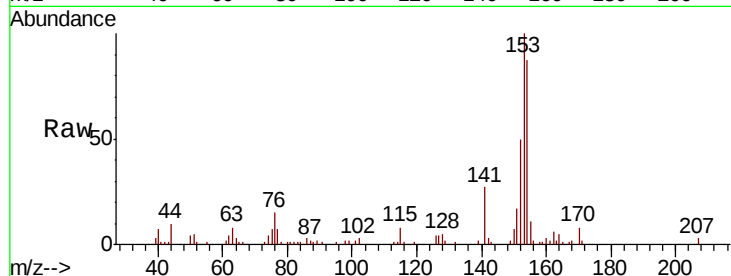
Tot Ion:153 Resp: 47073

Ion Ratio Lower Upper

153 100

152 50.3 37.4 56.0

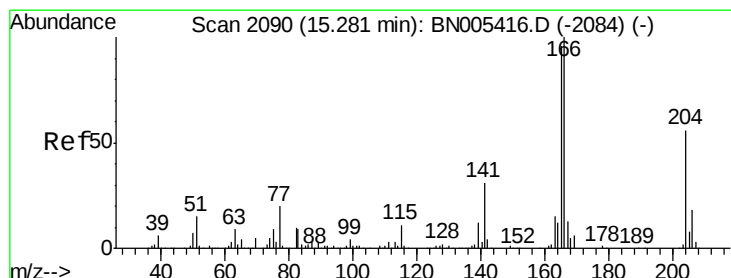
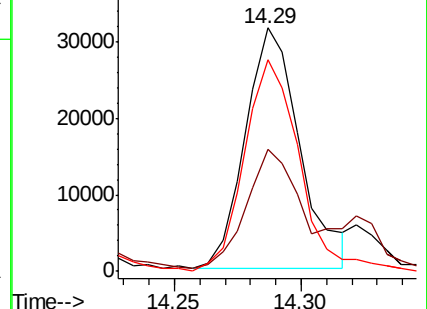
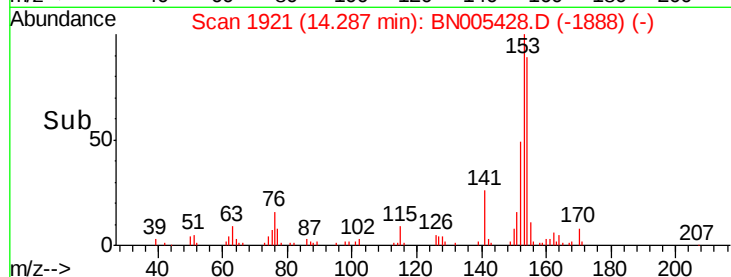
154 86.7 71.2 106.8



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: 5.556 ng/ul

RT: 15.28 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BN005428.D

Acq: 02 May 2019 22:29

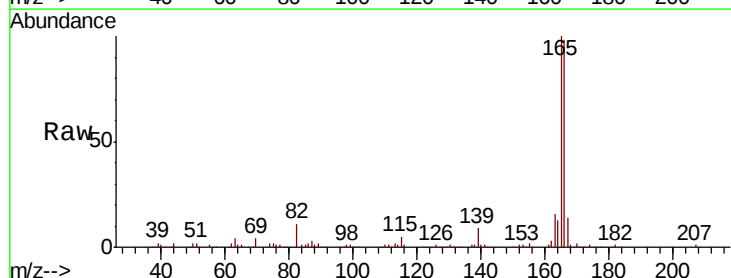
Tgt Ion:166 Resp: 276183

Ion Ratio Lower Upper

166 100

165 101.7 80.0 120.0

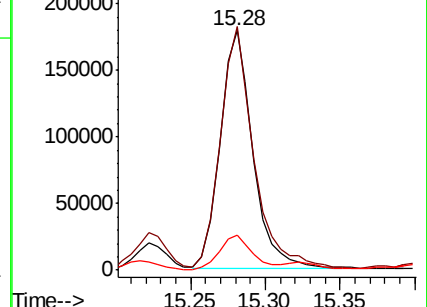
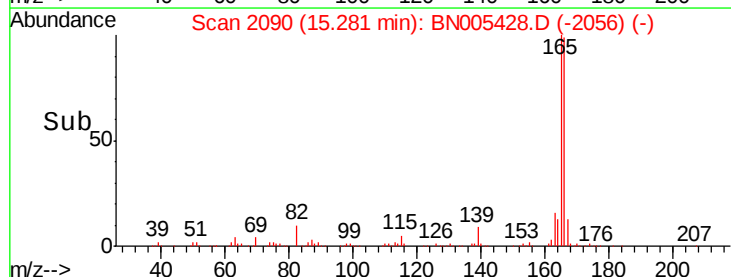
167 14.7 10.7 16.1

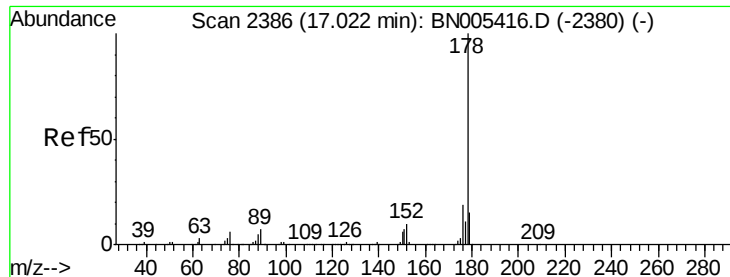


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 18.729 ng/ul

RT: 17.02 min Scan# 2386

Delta R.T. -0.00 min

Lab File: BN005428.D

Acq: 02 May 2019 22:29

Instrument :

BNA_N

ClientSampleId :

GAHQ2MEDL

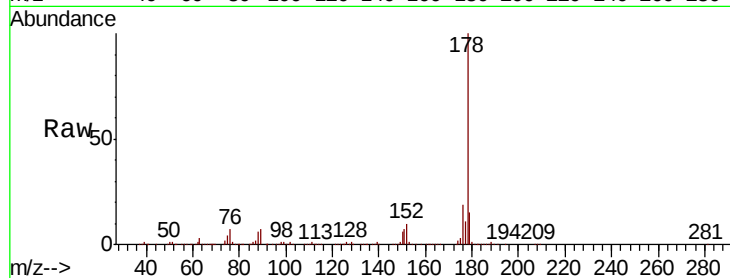
Tot Ion:178 Resp: 1574983

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

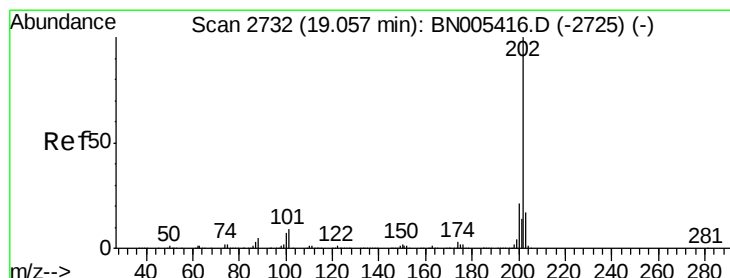
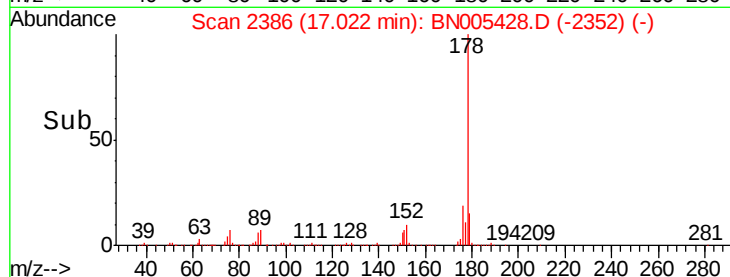
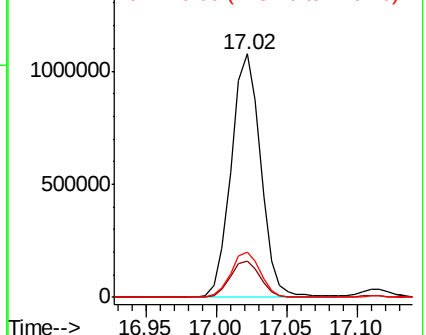
176 18.8 15.1 22.7



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: 4.363 ng/ul

RT: 19.05 min Scan# 2731

Delta R.T. -0.01 min

Lab File: BN005428.D

Acq: 02 May 2019 22:29

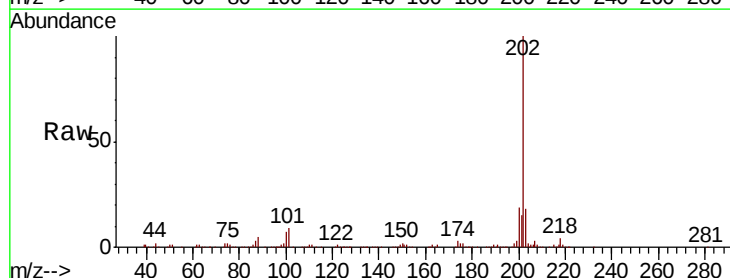
Tgt Ion:202 Resp: 406927

Ion Ratio Lower Upper

202 100

101 9.1 8.6 12.8

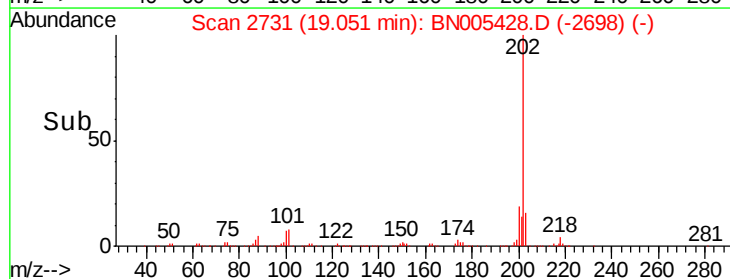
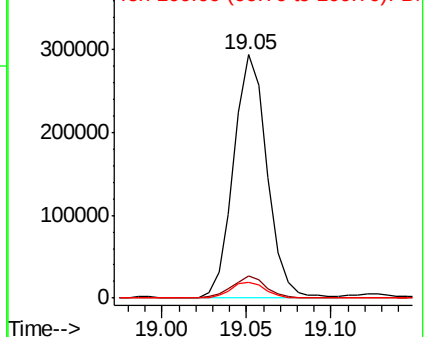
100 6.7 6.3 9.5

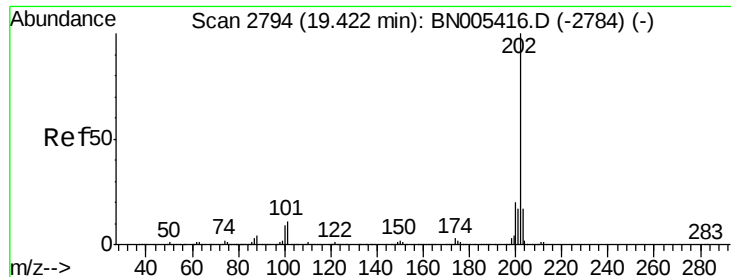


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 6.097 ng/ul

RT: 19.42 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BN005428.D

Acq: 02 May 2019 22:29

Instrument :

BNA_N

ClientSampleId :

GAHQ2MEDL

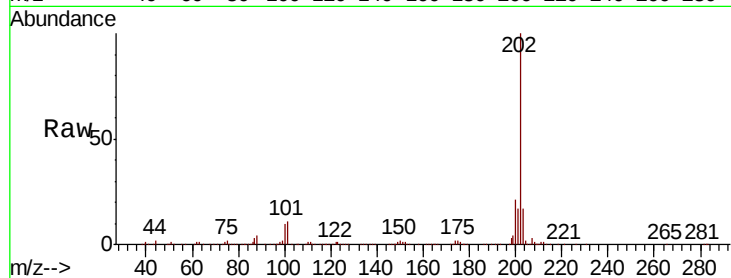
Tot Ion:202 Resp: 618931

Ion Ratio Lower Upper

202 100

101 11.2 10.3 15.5

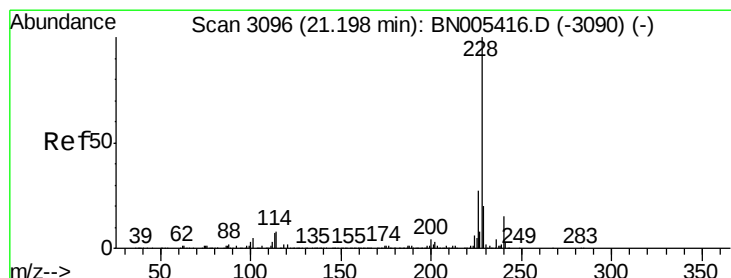
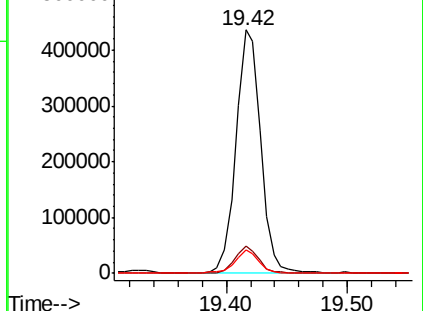
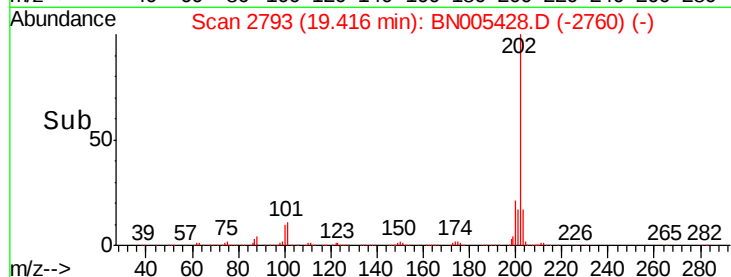
100 9.5 7.9 11.9



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



#82

Benzo(a)anthracene

Concen: 1.711 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BN005428.D

Acq: 02 May 2019 22:29

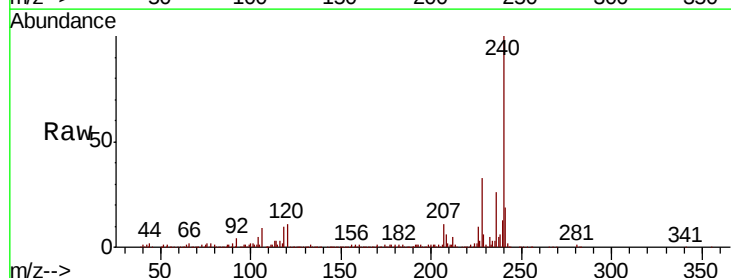
Tgt Ion:228 Resp: 167783

Ion Ratio Lower Upper

228 100

229 19.1 15.8 23.6

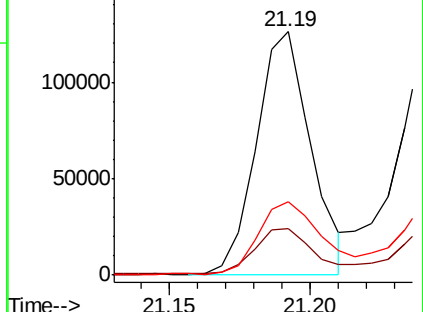
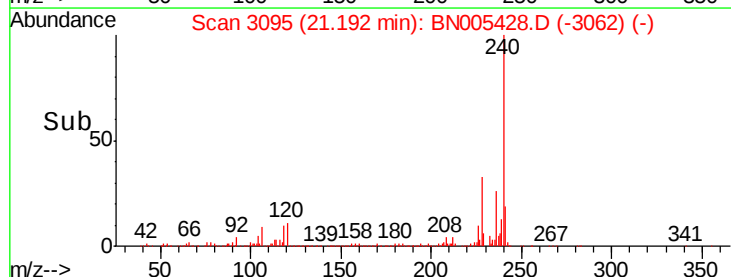
226 30.3 21.4 32.2

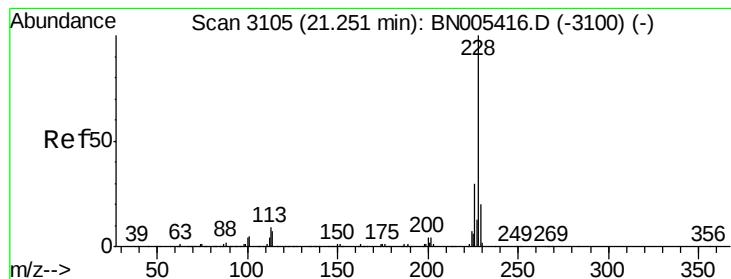


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 1.948 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BN005428.D

Acq: 02 May 2019 22:29

Instrument :

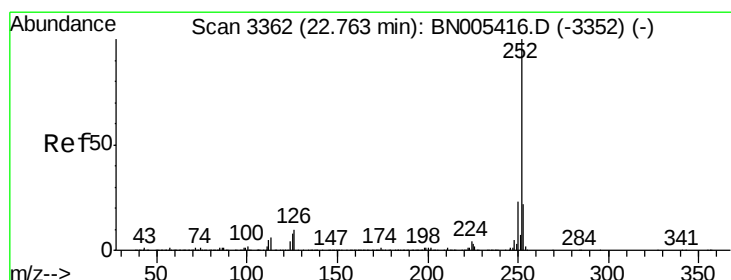
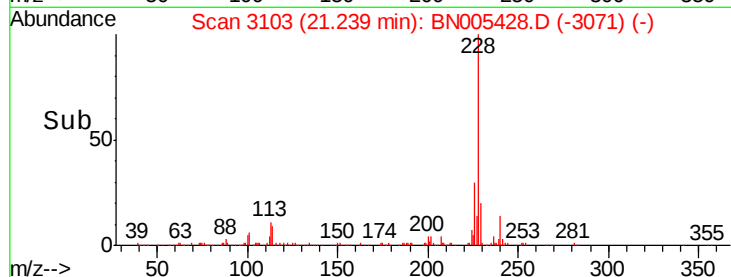
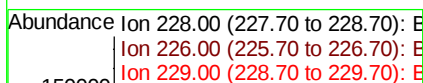
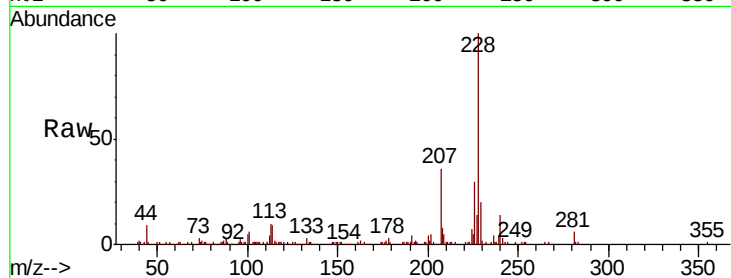
BNA_N

ClientSampleId :

GAHQ2MEDL

Tot Ion:228 Resp: 177298

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	20.1	15.4	23.0



#87

Benzo(b)fluoranthene

Concen: 1.124 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. -0.00 min

Lab File: BN005428.D

Acq: 02 May 2019 22:29

Tgt Ion:252 Resp: 99988

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.7	26.5
125	10.0	8.4	12.6

