

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005306.D
 Acq On : 26 Apr 2019 06:28
 Operator : JU/SJ
 Sample : K2456-10 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHP8

Manual Integrations
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Sohil
 4/26/2019 6:22:00 PM

Quant Time: Apr 26 07:33:40 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	512226	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	2192574	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1284416	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2940603	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	2766292	20.00	ng/ul	-0.01
85) Perylene-d12	23.42	264	2644365	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	3826	0.36	ng/uL	0.00
5) Phenol-d5	6.77	99	79568	1.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	49993	1.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	63339	2.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	64034	2.04	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	33715	2.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	35434	2.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	65613	2.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	58286	1.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	221234	2.37	ng/ul	-0.01
46) Acenaphthylene-d8	13.92	160	263657	2.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	25846	1.76	ng/ul	0.00
57) Fluorene-d10	15.22	176	195482	2.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	16198	1.22	ng/ul	0.00
70) Anthracene-d10	17.08	188	294007	2.39	ng/ul	0.00
78) Pyrene-d10	19.39	212	322386	2.28	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	262522	2.27	ng/ul	-0.02

Target Compounds

					Qvalue	
28) Naphthalene	10.40	128	115046	1.129	ng/ul	98
34) 2-Methylnaphthalene	12.02	142	465709	6.240	ng/ul	99
47) Acenaphthylene	13.95	152	1963686	17.449	ng/ul	98
49) Acenaphthene	14.29	153	209679	2.729	ng/ul	98
58) Fluorene	15.28	166	1062645	12.311	ng/ul	97
69) Phenanthrene	17.03	178	5702972	39.822	ng/ul	100
71) Anthracene	17.12	178	762049	5.223	ng/ul	100
76) Fluoranthene	19.06	202	3758303	23.660	ng/ul	99
79) Pyrene	19.43	202	6899167	38.735	ng/ul	98
82) Benzo(a)anthracene	21.20	228	2652001m	15.410	ng/ul	
84) Chrysene	21.26	228	2525921	15.815	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	1741210	11.714	ng/ul	99
88) Benzo(k)fluoranthene	22.81	252	639482m	4.504	ng/ul	
90) Benzo(a)pyrene	23.33	252	1073834	7.686	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.59	276	645446	4.178	ng/ul	97
92) Dibenzo(a,h)anthracene	25.60	278	213533	1.629	ng/ul	97
93) Benzo(g,h,i)perylene	26.26	276	521897	4.086	ng/ul	97

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

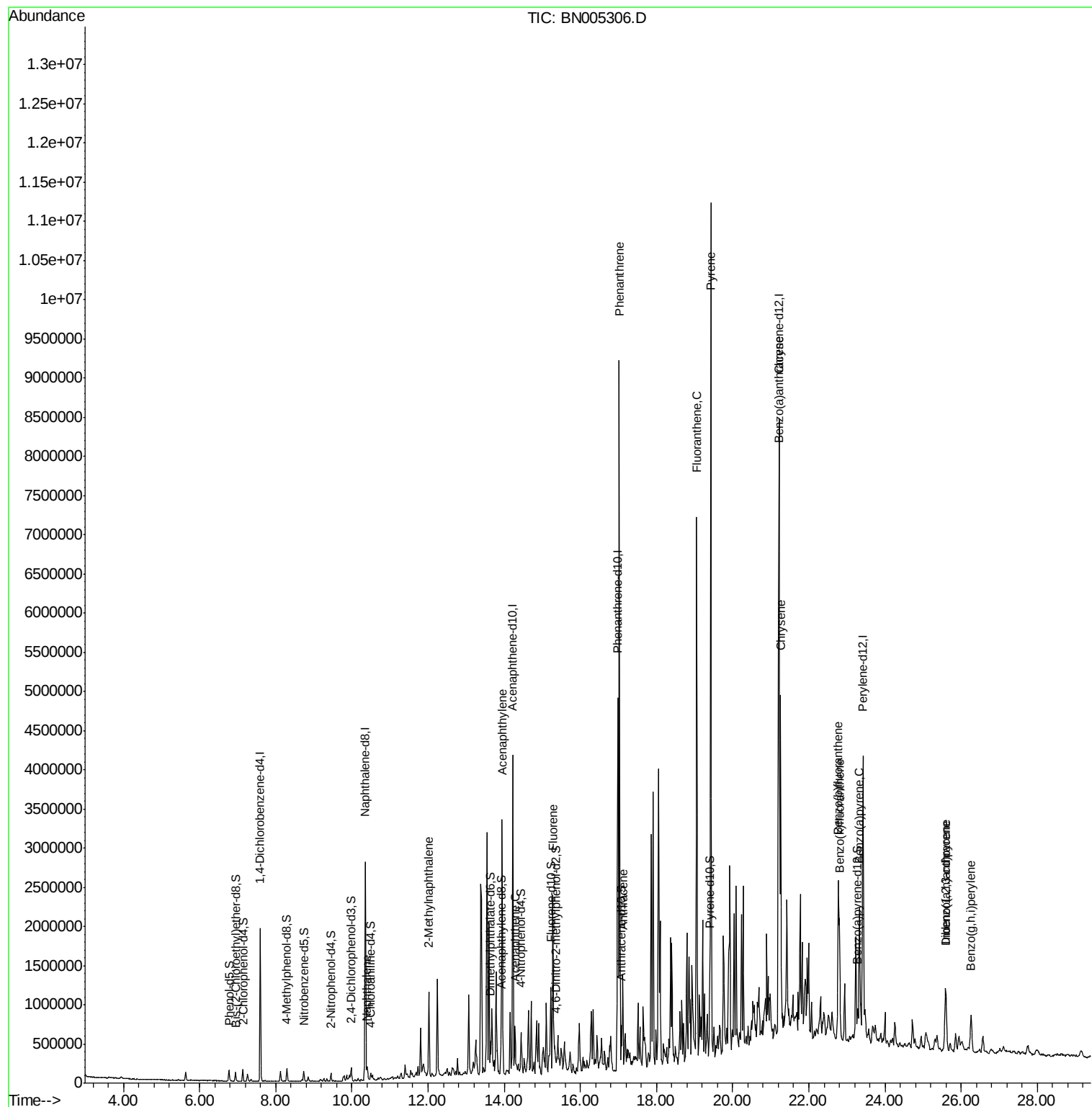
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005306.D
Acq On : 26 Apr 2019 06:28
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Misc :
ALS Vial : 23 Sample Multiplier: 1

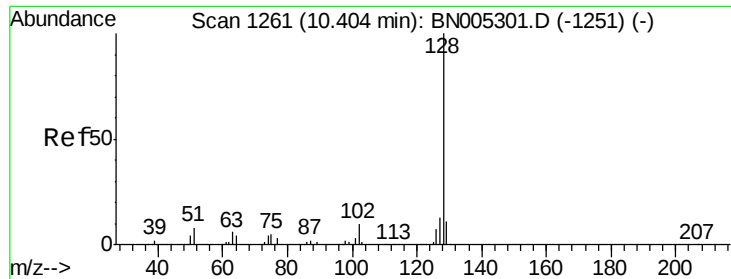
Instrument :
BNA_N
ClientSampleId :
GAHP8

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Quant Time: Apr 26 07:33:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





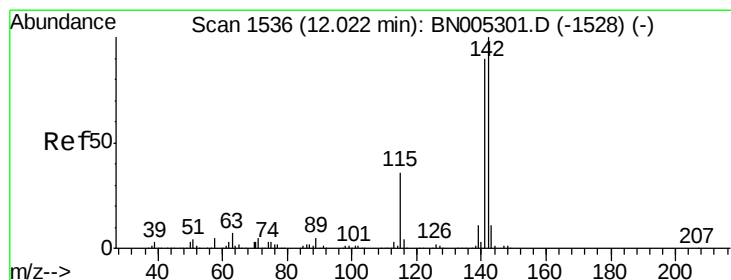
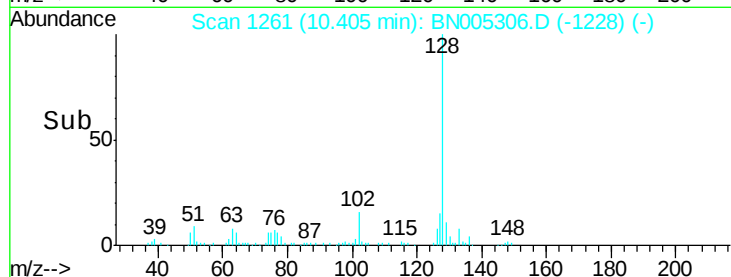
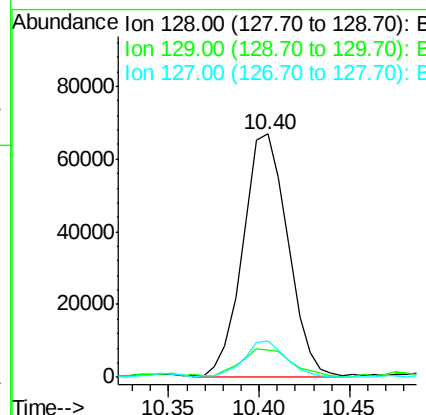
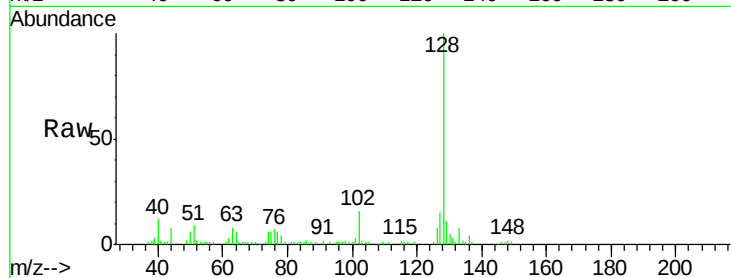
#28
Naphthalene
Concen: 1.129 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BN005306.D
Acq: 26 Apr 2019 06:28

Instrument :
BNA_N
ClientSampled :
GAHP8

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	14.9	10.7	16.1

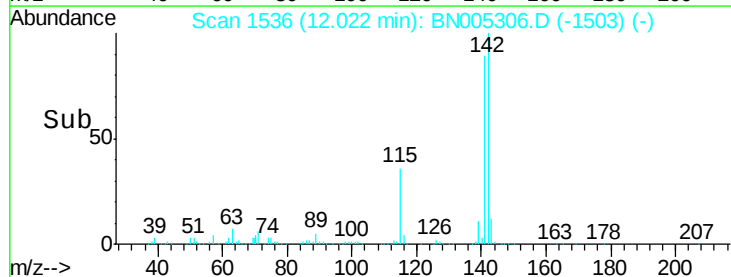
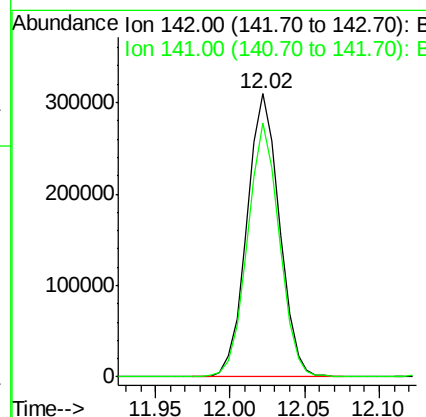
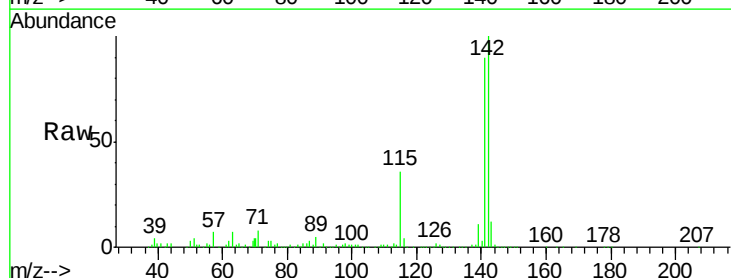
Manual Integrations
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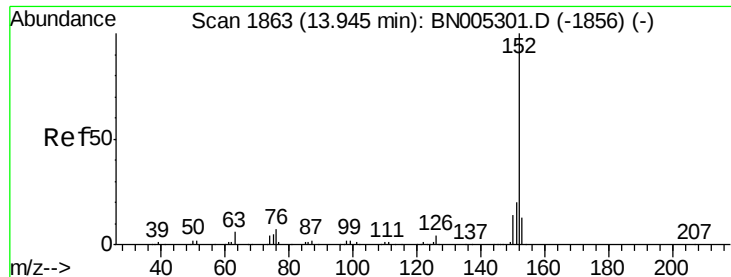
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#34
2-Methylnaphthalene
Concen: 6.240 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BN005306.D
Acq: 26 Apr 2019 06:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.0	108.0





#47

Acenaphthylene

Concen: 17.449 ng/ul

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN005306.D

Acq: 26 Apr 2019 06:28

Instrument :

BNA_N

ClientSampleId :

GAHP8

Tgt Ion:152 Resp: 1963686

Ion Ratio Lower Upper

152 100

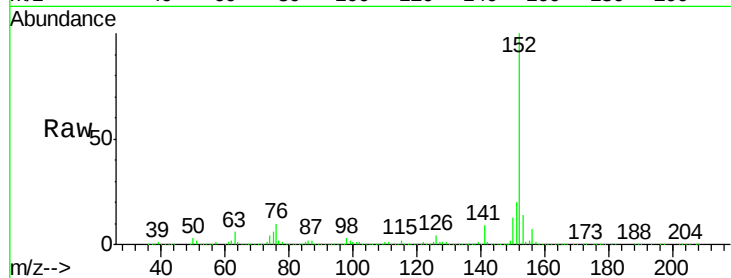
151 20.2 15.8 23.8

153 13.9 9.8 14.8

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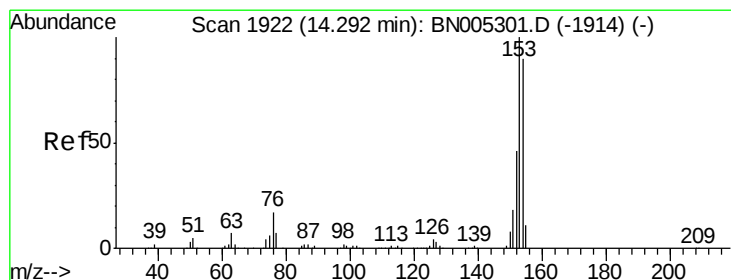
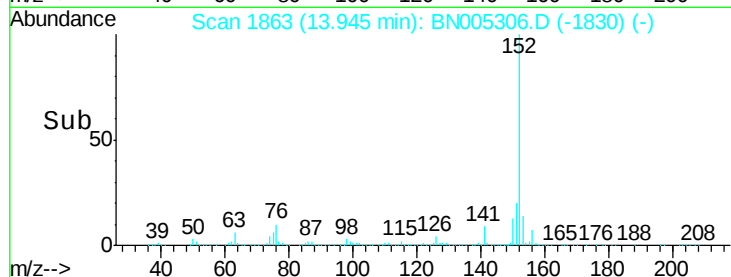
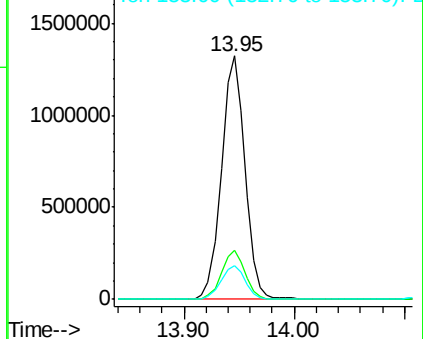
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 2.729 ng/ul

RT: 14.29 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BN005306.D

Acq: 26 Apr 2019 06:28

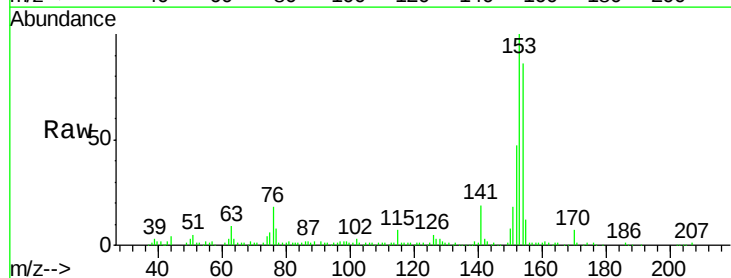
Tgt Ion:153 Resp: 209679

Ion Ratio Lower Upper

153 100

152 46.9 37.4 56.0

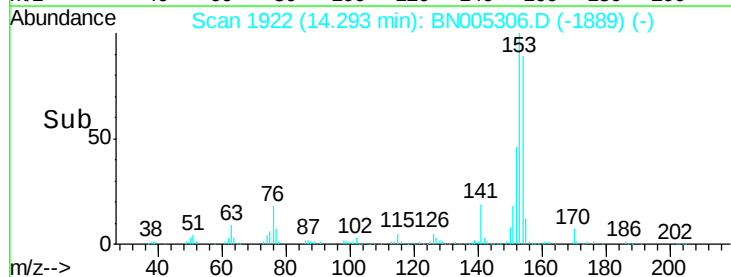
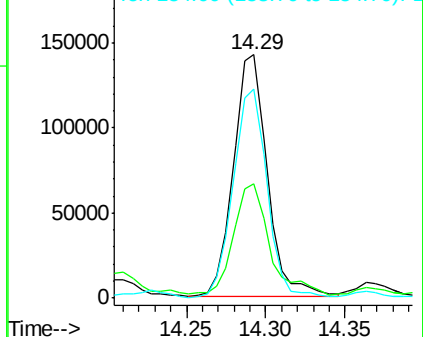
154 86.0 71.2 106.8

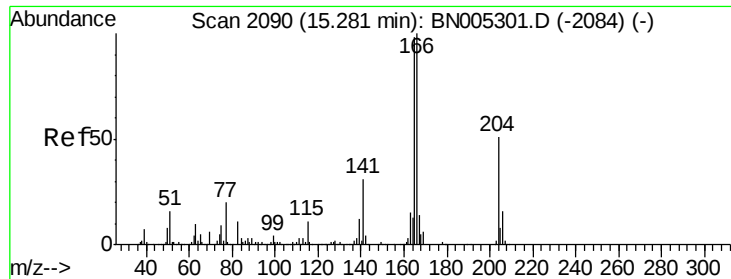


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#58

Fluorene

Concen: 12.311 ng/ul

RT: 15.28 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BN005306.D

Acq: 26 Apr 2019 06:28

Instrument :

BNA_N

ClientSampleId :

GAHP8

Tgt Ion:166 Resp: 1062645

Ion Ratio Lower Upper

166 100

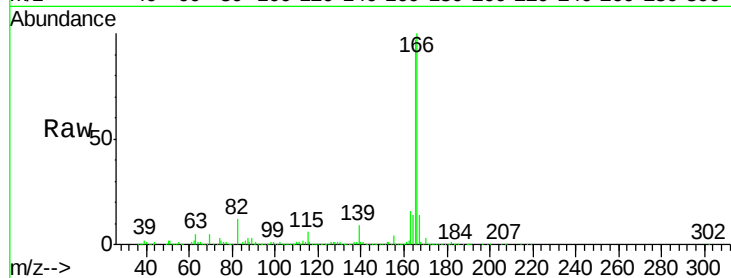
165 96.9 80.0 120.0

167 14.2 10.7 16.1

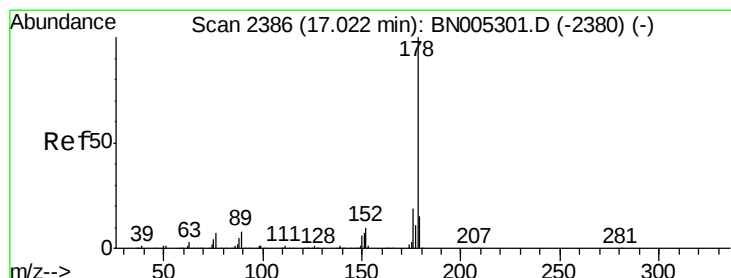
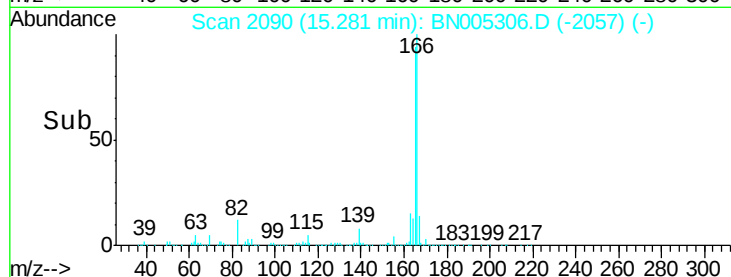
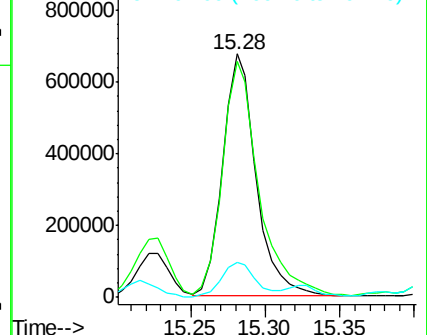
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 39.822 ng/ul

RT: 17.03 min Scan# 2387

Delta R.T. 0.00 min

Lab File: BN005306.D

Acq: 26 Apr 2019 06:28

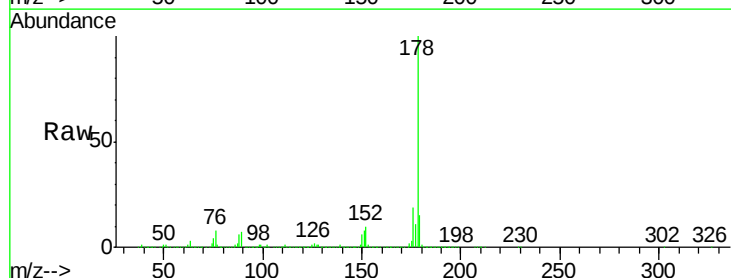
Tgt Ion:178 Resp: 5702972

Ion Ratio Lower Upper

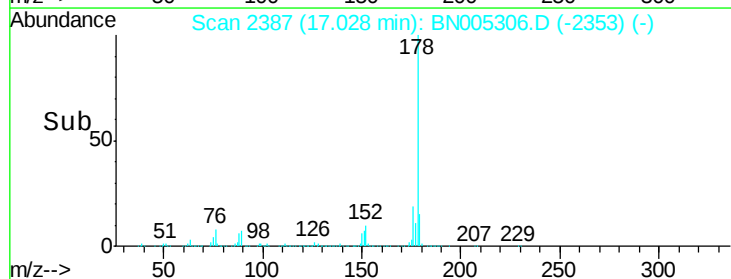
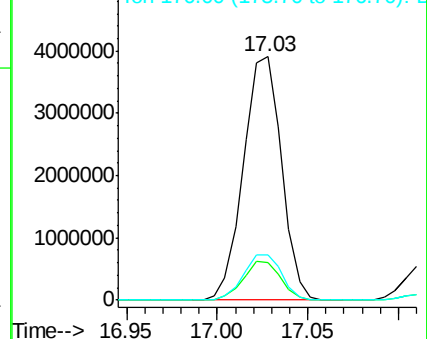
178 100

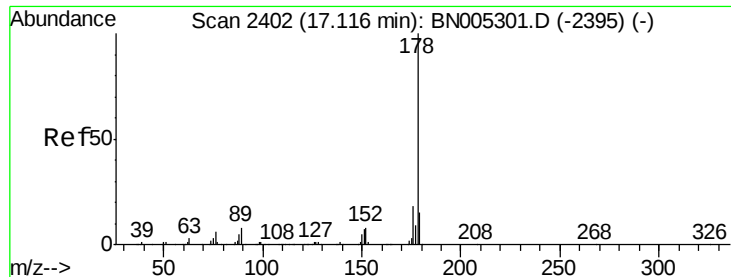
179 15.2 12.2 18.4

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





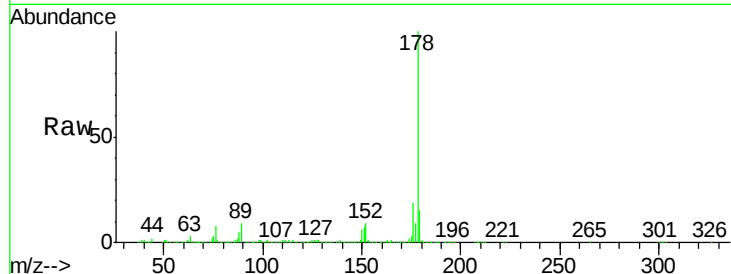
#71
 Anthracene
 Concen: 5.223 ng/ul
 RT: 17.12 min Scan# 2402
 Delta R.T. 0.00 min
 Lab File: BN005306.D
 Acq: 26 Apr 2019 06:28

Instrument :
 BNA_N
 ClientSampled :
 GAHP8

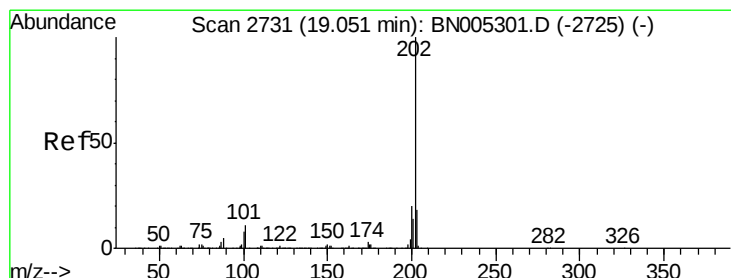
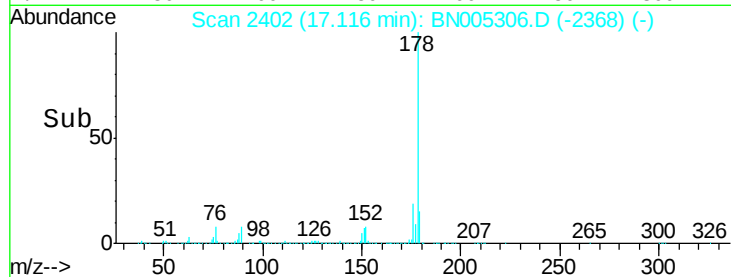
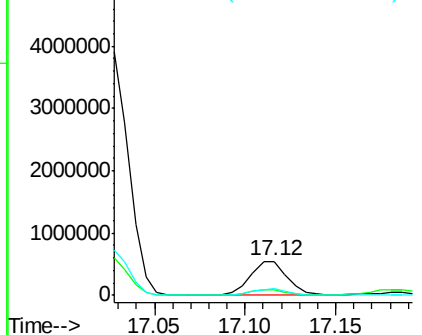
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.6	15.1	22.7

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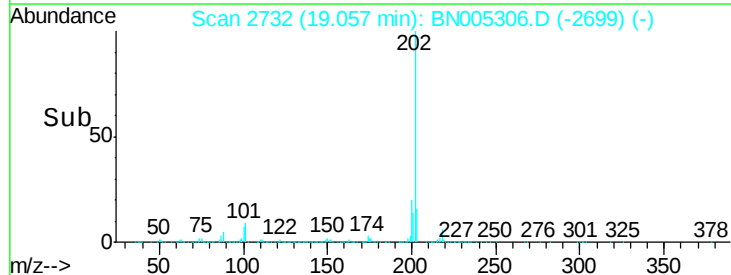
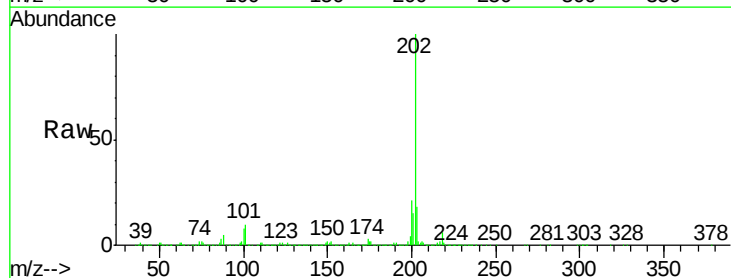
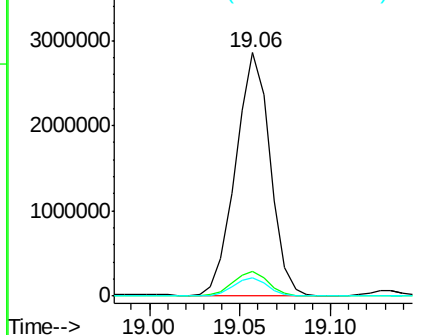
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

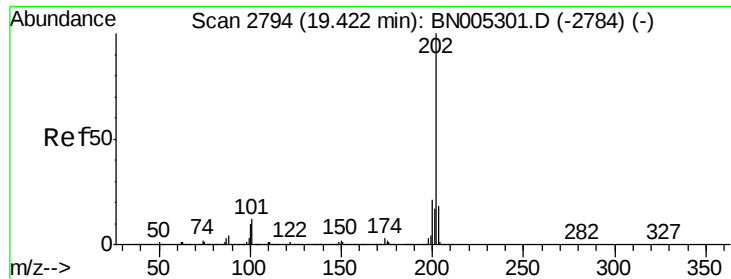


#76
 Fluoranthene
 Concen: 23.660 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. -0.01 min
 Lab File: BN005306.D
 Acq: 26 Apr 2019 06:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.6	12.8
100	7.6	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





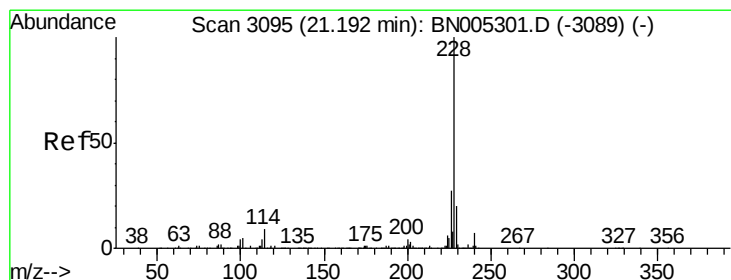
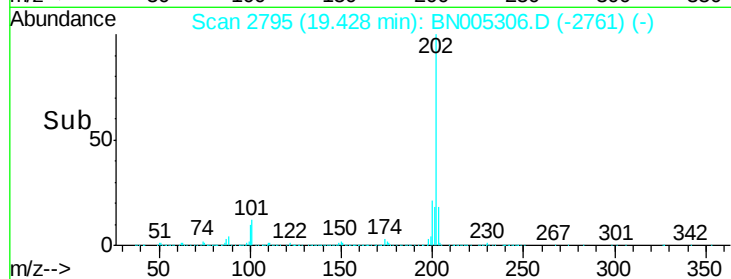
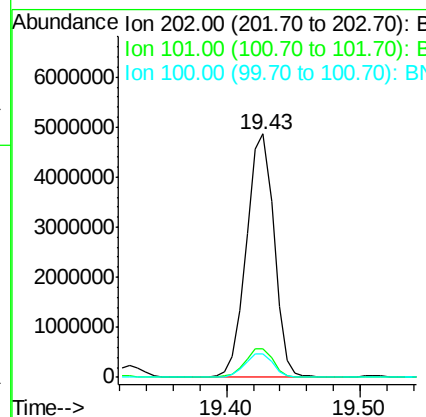
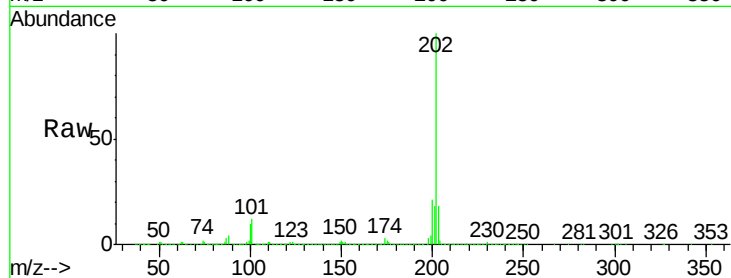
#79
 Pyrene
 Concen: 38.735 ng/ul
 RT: 19.43 min Scan# 2795
 Delta R.T. 0.00 min
 Lab File: BN005306.D
 Acq: 26 Apr 2019 06:28

Instrument :
 BNA_N
 ClientSampleId :
 GAHP8

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.3	15.5
100	9.7	7.9	11.9

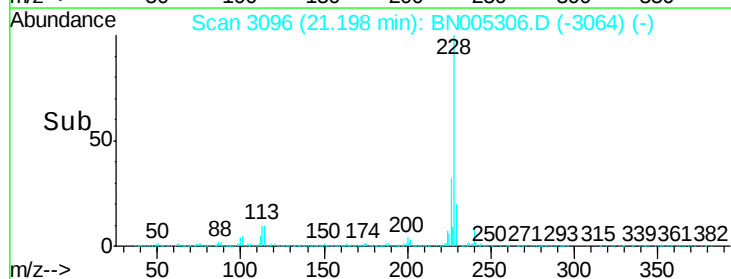
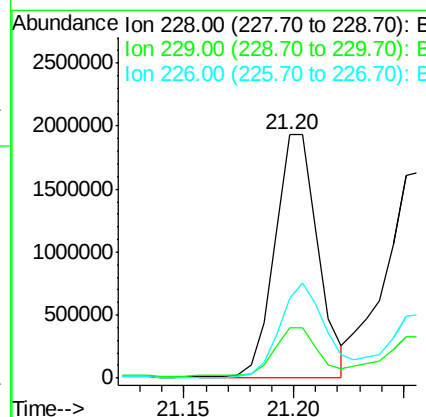
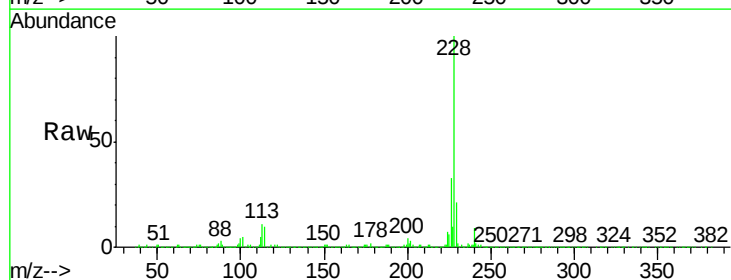
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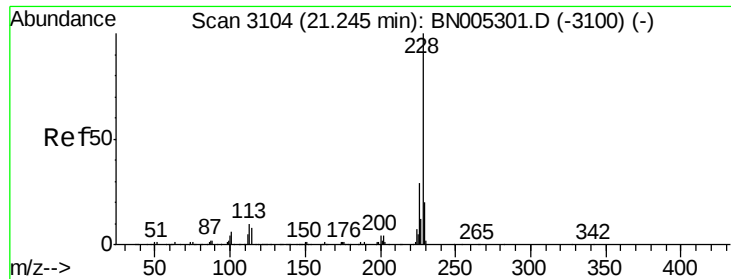
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#82
 Benzo(a)anthracene
 Concen: 15.410 ng/ul m
 RT: 21.20 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BN005306.D
 Acq: 26 Apr 2019 06:28

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.6
226	32.9	21.4	32.2#





#84

Chrysene

Concen: 15.815 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BN005306.D

Acq: 26 Apr 2019 06:28

Instrument :

BNA_N

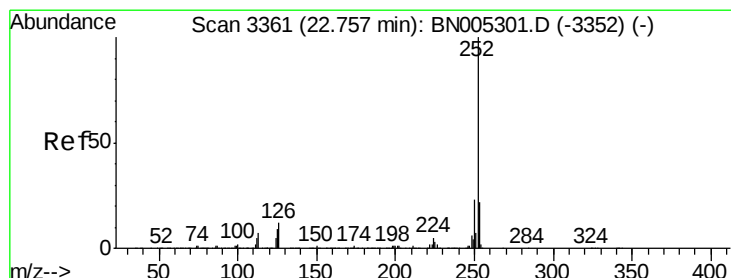
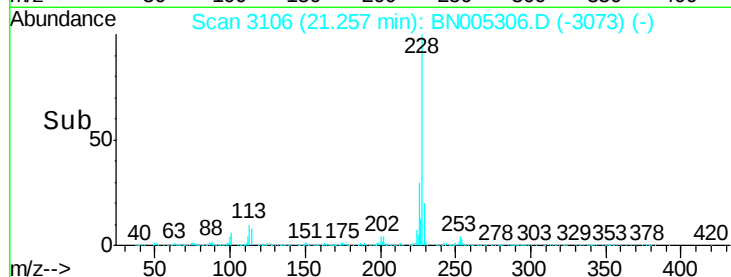
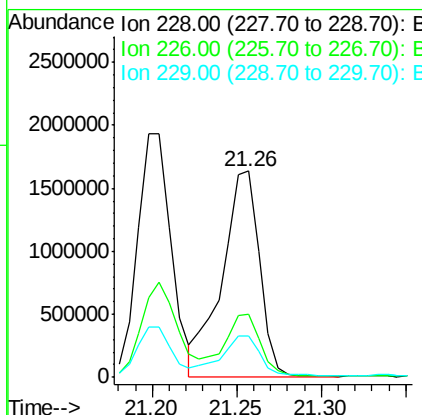
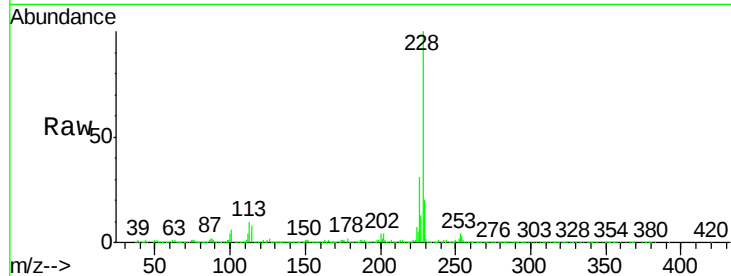
ClientSampled :

GAHP8

Tgt Ion:	228	Resp:	2525921
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	20.3	15.4	23.0

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#87

Benzo(b)fluoranthene

Concen: 11.714 ng/ul

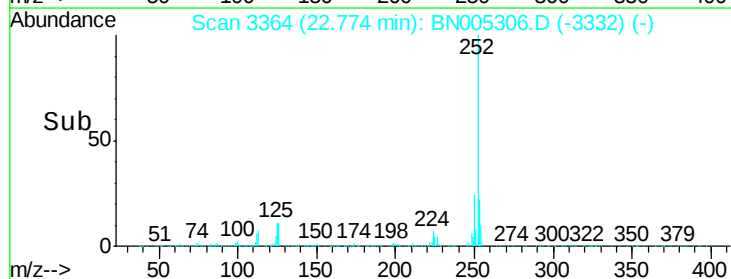
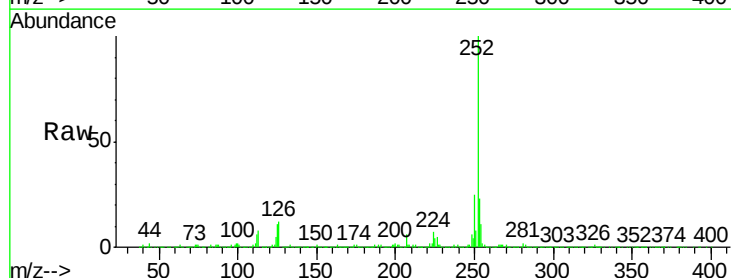
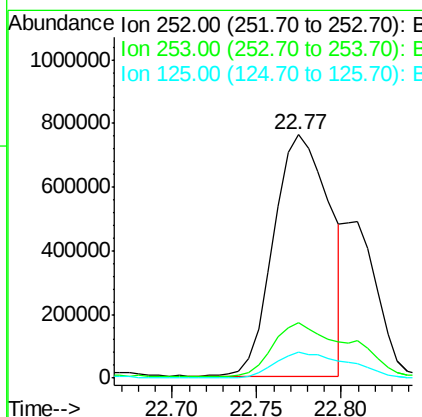
RT: 22.77 min Scan# 3364

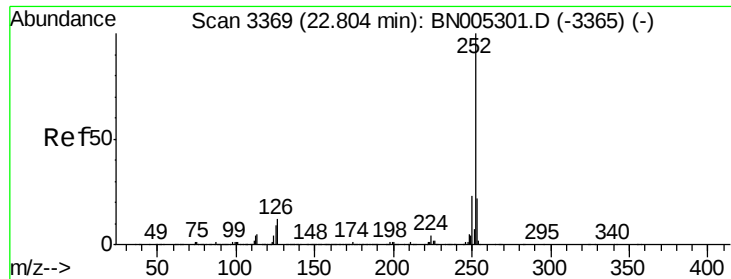
Delta R.T. -0.01 min

Lab File: BN005306.D

Acq: 26 Apr 2019 06:28

Tgt Ion:	252	Resp:	1741210
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	10.7	8.4	12.6





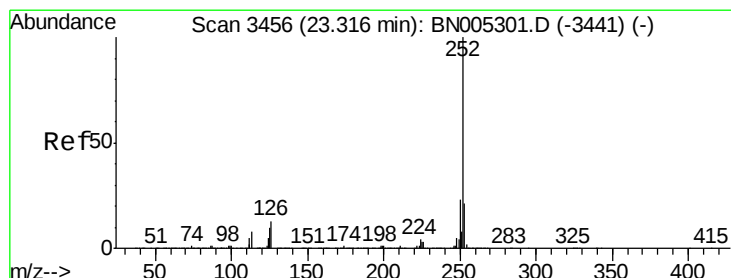
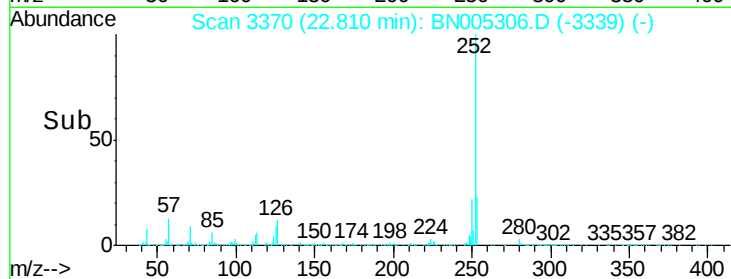
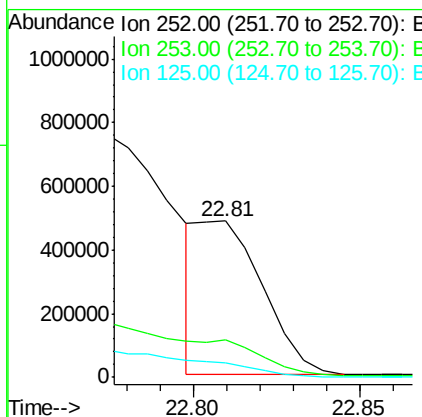
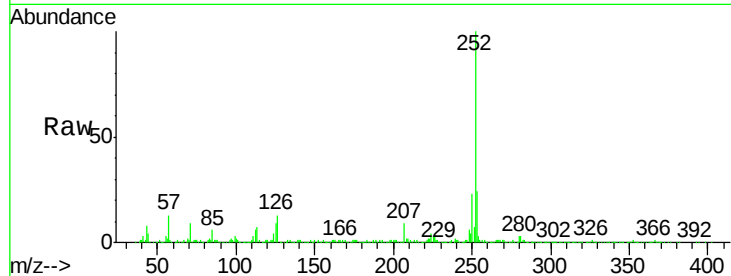
#88
Benzo(k)fluoranthene
Concen: 4.504 ng/u1 m
RT: 22.81 min Scan# 3370
Delta R.T. -0.02 min
Lab File: BN005306.D
Acq: 26 Apr 2019 06:28

Instrument :
BNA_N
ClientSampleId :
GAHP8

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	9.3	7.5	11.3

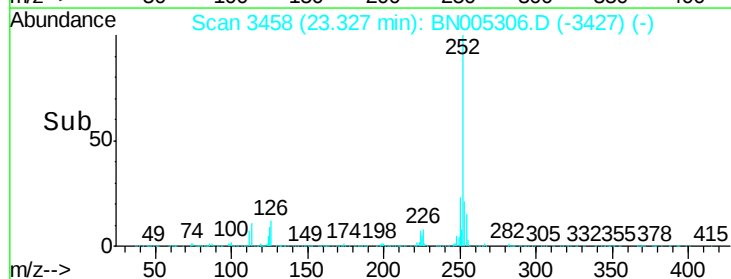
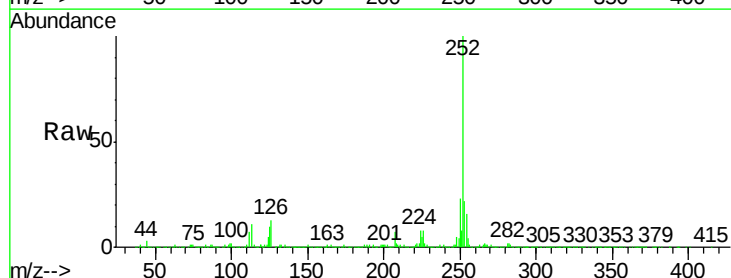
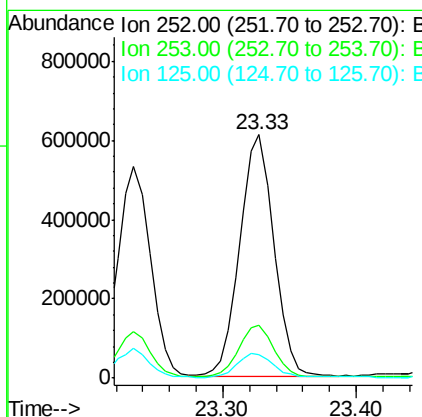
Manual Integrations
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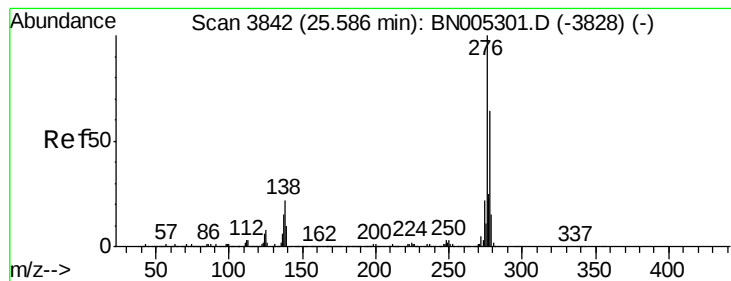
Sohil
4/26/2019 6:22:00 PM



#90
Benzo(a)pyrene
Concen: 7.686 ng/u1
RT: 23.33 min Scan# 3458
Delta R.T. -0.02 min
Lab File: BN005306.D
Acq: 26 Apr 2019 06:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	9.9	8.6	13.0





#91

Indeno(1,2,3-cd)pyrene

Concen: 4.178 ng/ul

RT: 25.59 min Scan# 3843

Delta R.T. -0.03 min

Lab File: BN005306.D

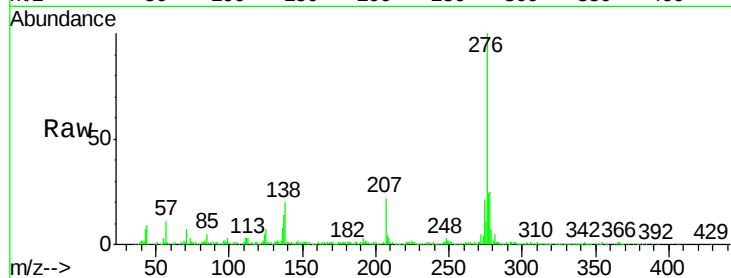
Acq: 26 Apr 2019 06:28

Instrument :

BNA_N

ClientSampleId :

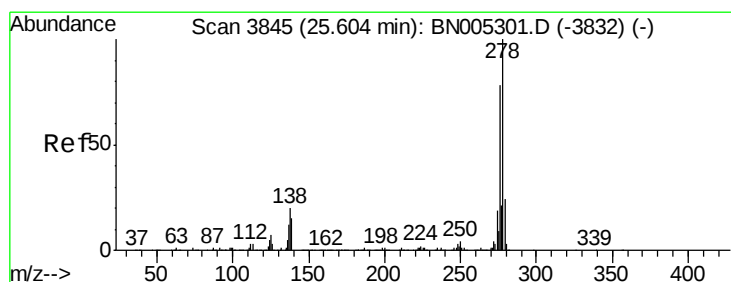
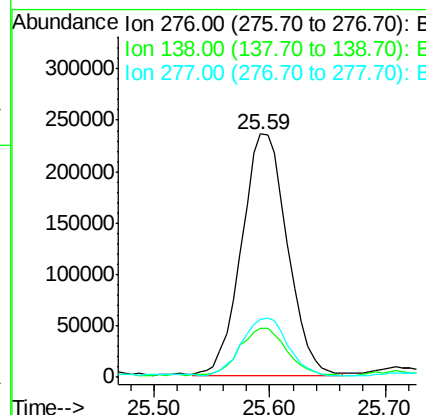
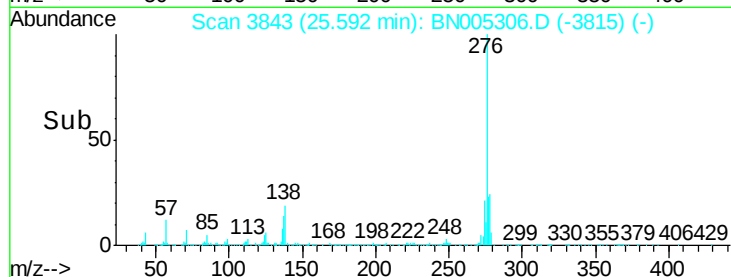
GAHP8



Tgt Ion:	276	Resp:	645446
Ion Ratio	Lower	Upper	
276	100		
138	20.0	17.9	26.9
277	23.7	19.7	29.5

Manual Integrations
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Sohil
4/26/2019 6:22:00 PM



#92

Dibenzo(a,h)anthracene

Concen: 1.629 ng/ul

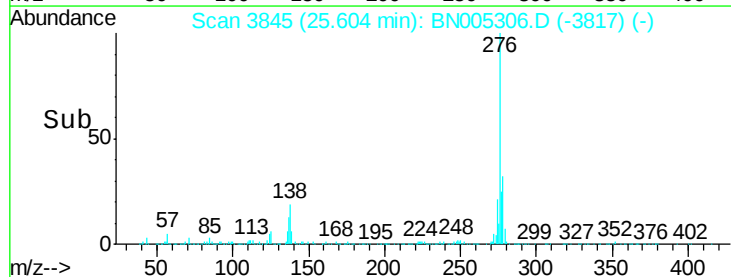
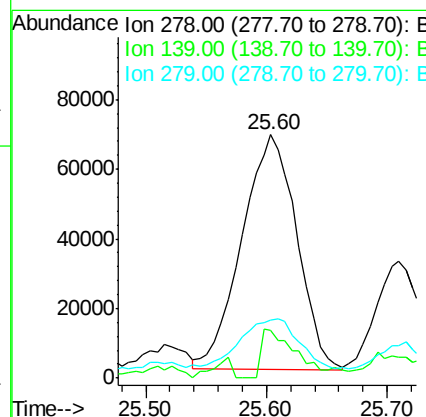
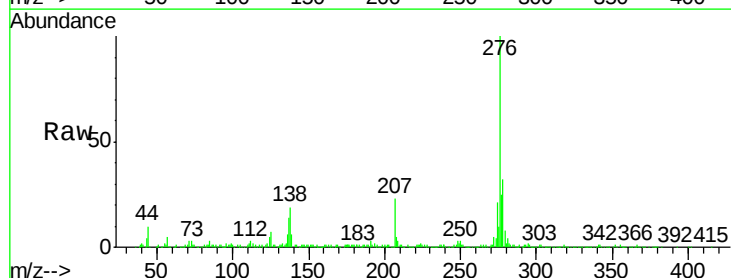
RT: 25.60 min Scan# 3845

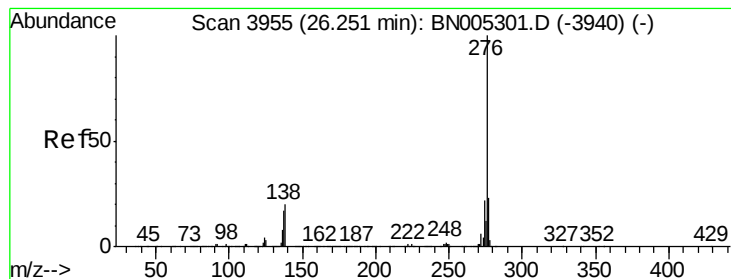
Delta R.T. -0.03 min

Lab File: BN005306.D

Acq: 26 Apr 2019 06:28

Tgt Ion:	278	Resp:	213533
Ion Ratio	Lower	Upper	
278	100		
139	19.5	13.1	19.7
279	24.0	19.4	29.0





#93

Benzo(g,h,i)perylene

Concen: 4.086 ng/ul

RT: 26.26 min Scan# 3956

Delta R.T. -0.03 min

Lab File: BN005306.D

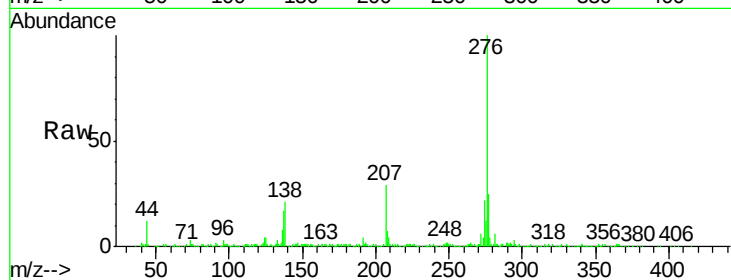
Acq: 26 Apr 2019 06:28

Instrument :

BNA_N

ClientSampleId :

GAHP8



Tgt Ion: 276 Resp: 521897

Ion Ratio Lower Upper

276 100

138 20.8 16.7 25.1

277 25.0 18.2 27.2

Manual Integrations
APPROVED

Sohil
4/26/2019 6:22:00 PM

