

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005303.D
 Acq On : 26 Apr 2019 04:45
 Operator : JU/SJ
 Sample : K2456-12 20X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ0

Manual Integrations
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Quant Time: Apr 26 05:50:34 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	510222	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2194004	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1295520	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2908162	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	2598978	20.00	ng/ul	-0.02
85) Perylene-d12	23.41	264	2352216	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	1399	0.13	ng/uL	0.00
5) Phenol-d5	6.77	99	33666	0.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	22617	0.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	26268	0.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	26816	0.86	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	14325	1.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	13371	0.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	26009	0.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	14389m	0.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	93357	0.99	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	116275	1.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	8444m	0.57	ng/ul	0.00
57) Fluorene-d10	15.22	176	89595	1.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	6357	0.49	ng/ul	0.00
70) Anthracene-d10	17.07	188	137521	1.13	ng/ul	-0.01
78) Pyrene-d10	19.39	212	140173	1.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	106282	1.03	ng/ul	-0.03

Target Compounds

					Qvalue	
47) Acenaphthylene	13.95	152	853396	7.518	ng/ul	99
69) Phenanthrene	17.02	178	267060	1.886	ng/ul	98
71) Anthracene	17.11	178	403389	2.796	ng/ul	98
76) Fluoranthene	19.06	202	908325	5.782	ng/ul	98
79) Pyrene	19.42	202	2378492	14.214	ng/ul	98
82) Benzo(a)anthracene	21.19	228	1269080m	7.849	ng/ul	
84) Chrysene	21.25	228	1297693	8.648	ng/ul	96
87) Benzo(b)fluoranthene	22.76	252	1141774	8.635	ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	409909m	3.246	ng/ul	
90) Benzo(a)pyrene	23.32	252	1177596	9.475	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.58	276	492302	3.583	ng/ul	96
92) Dibenzo(a,h)anthracene	25.59	278	183437	1.573	ng/ul#	91
93) Benzo(g,h,i)perylene	26.24	276	407904	3.590	ng/ul	99

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

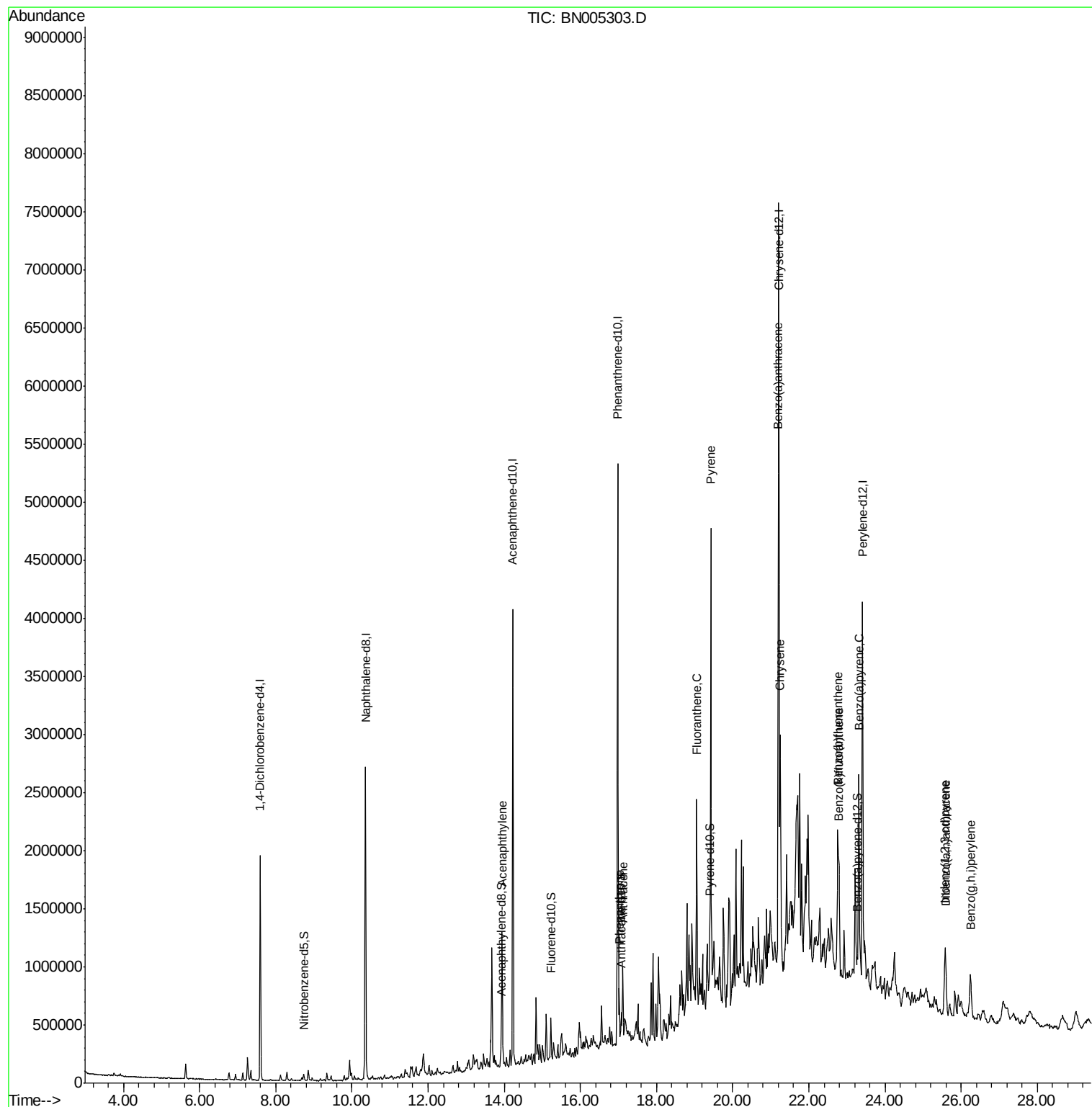
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005303.D
Acq On : 26 Apr 2019 04:45
Operator : JU/SJ
Sample : K2456-12 20X
Misc :
ALS Vial : 20 Sample Multiplier: 1

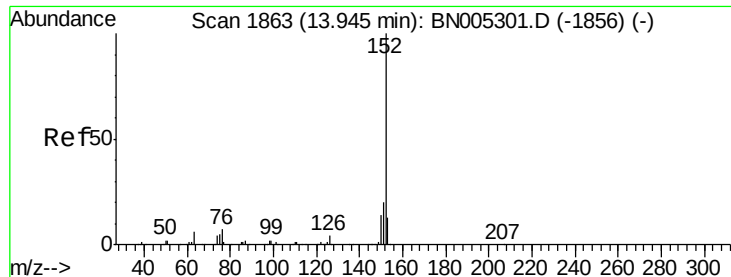
Instrument :
BNA_N
ClientSampleId :
GAHQ0

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Quant Time: Apr 26 05:50:34 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





#47

Acenaphthylene

Concen: 7.518 ng/ul

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN005303.D

Acq: 26 Apr 2019 04:45

Instrument :

BNA_N

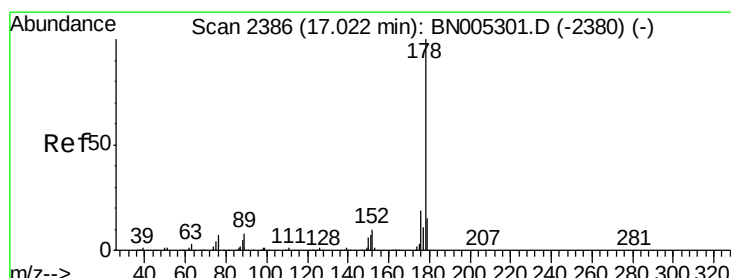
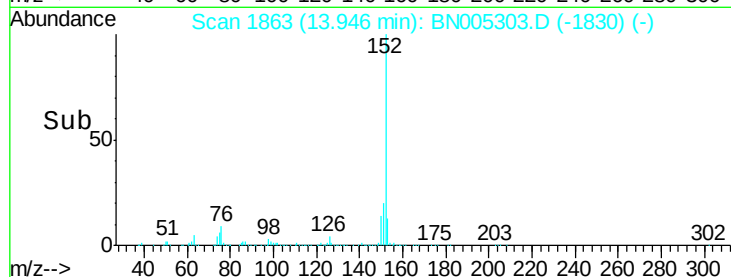
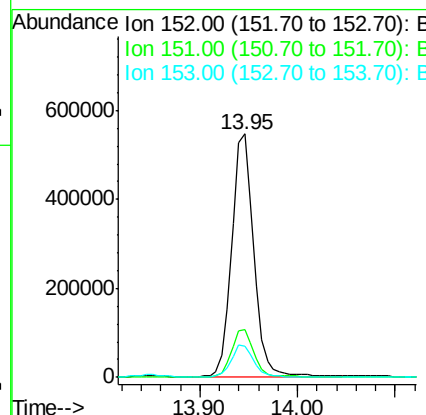
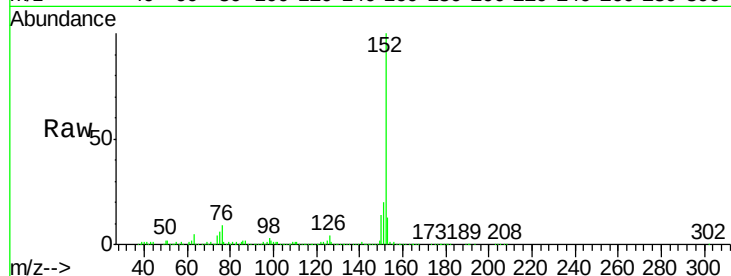
ClientSampleId :

GAHQ0

Tgt Ion:	152	Resp:	853396
Ion Ratio		Lower	Upper
152	100		
151	19.8	15.8	23.8
153	12.8	9.8	14.8

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#69

Phenanthrene

Concen: 1.886 ng/ul

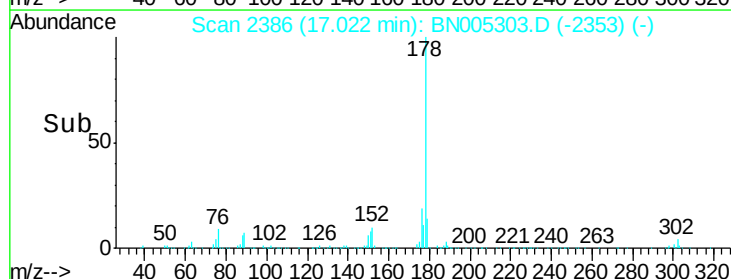
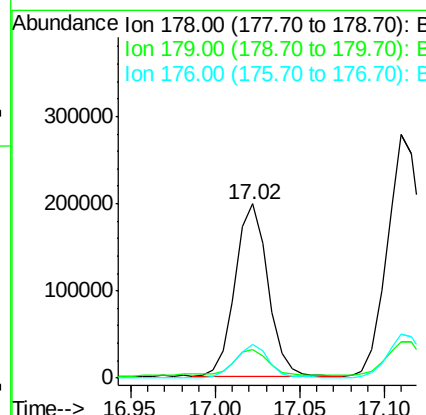
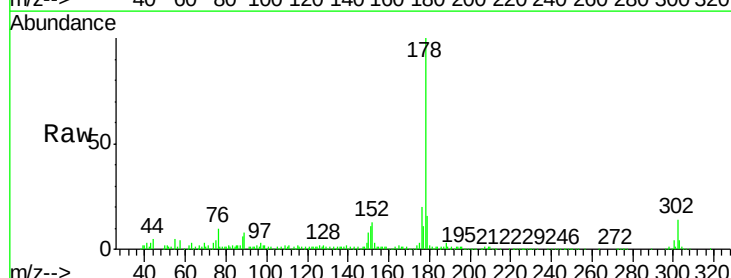
RT: 17.02 min Scan# 2386

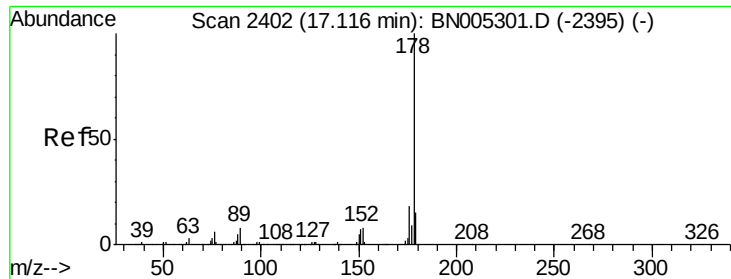
Delta R.T. -0.01 min

Lab File: BN005303.D

Acq: 26 Apr 2019 04:45

Tgt Ion:	178	Resp:	267060
Ion Ratio		Lower	Upper
178	100		
179	16.1	12.2	18.4
176	19.5	15.1	22.7





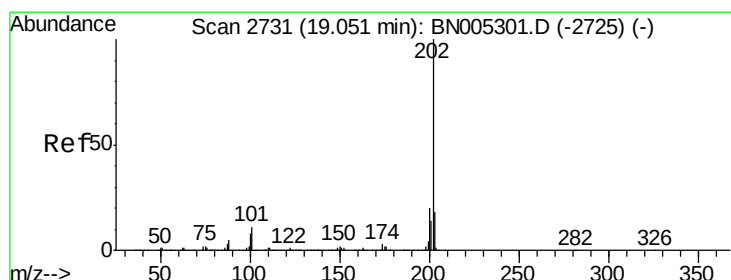
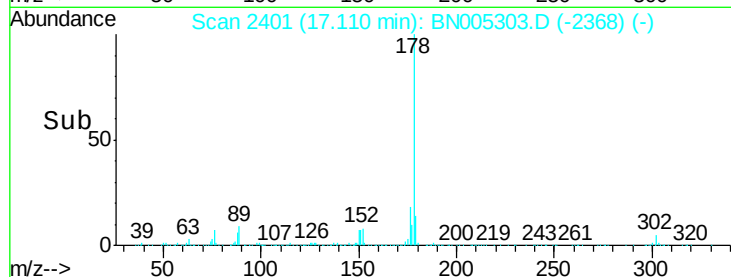
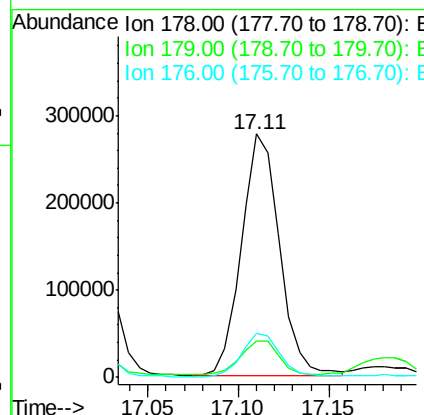
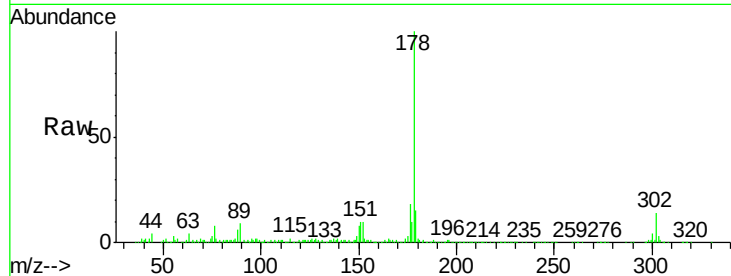
#71
 Anthracene
 Concen: 2.796 ng/ul
 RT: 17.11 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BN005303.D
 Acq: 26 Apr 2019 04:45

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ0

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	403389		
179	14.7	12.3	18.5	
176	18.2	15.1	22.7	

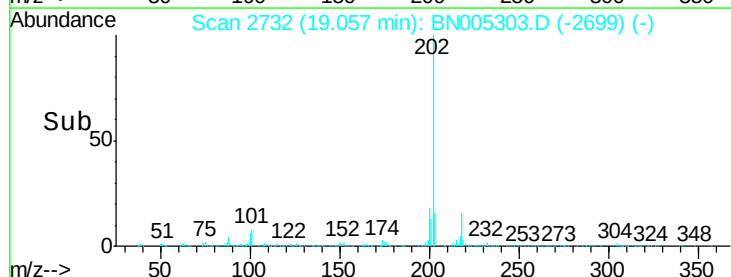
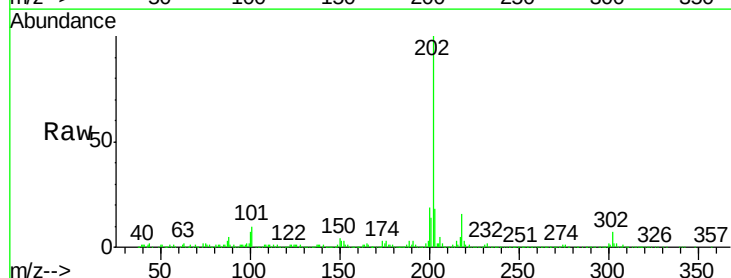
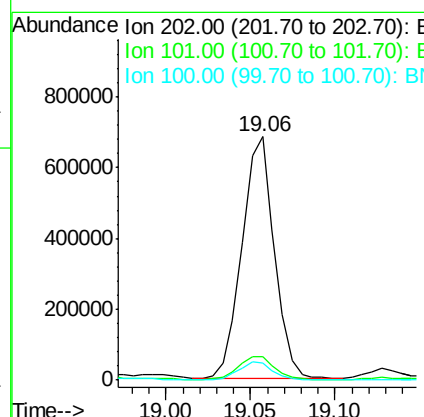
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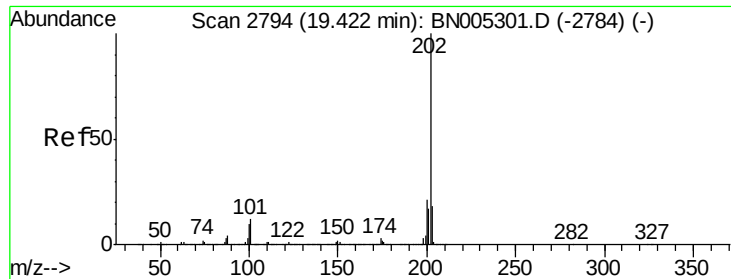
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#76
 Fluoranthene
 Concen: 5.782 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. -0.01 min
 Lab File: BN005303.D
 Acq: 26 Apr 2019 04:45

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	908325		
101	9.9	8.6	12.8	
100	7.1	6.3	9.5	





#79

Pyrene

Concen: 14.214 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BN005303.D

Acq: 26 Apr 2019 04:45

Instrument :

BNA_N

ClientSampleId :

GAHQ0

Tgt Ion:202 Resp: 2378492

Ion Ratio Lower Upper

202 100

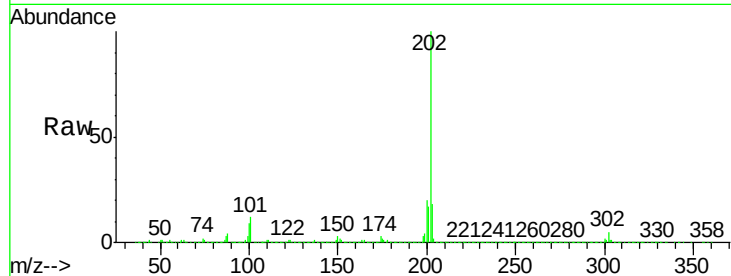
101 11.7 10.3 15.5

100 9.5 7.9 11.9

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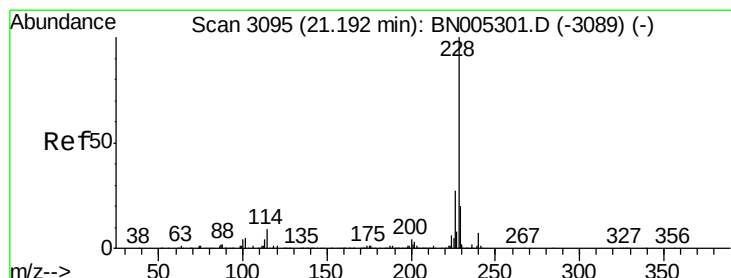
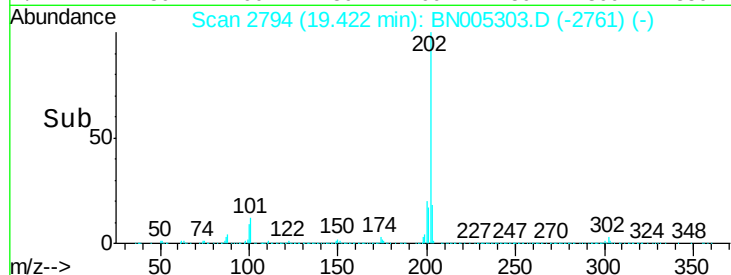
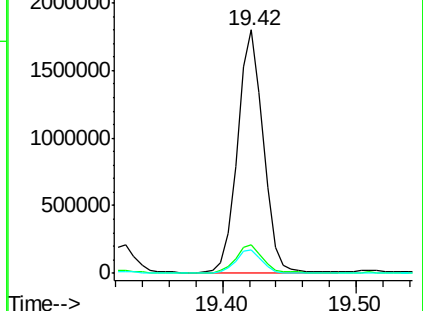
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#82

Benzo(a)anthracene

Concen: 7.849 ng/ul m

RT: 21.19 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BN005303.D

Acq: 26 Apr 2019 04:45

Tgt Ion:228 Resp: 1269080

Ion Ratio Lower Upper

228 100

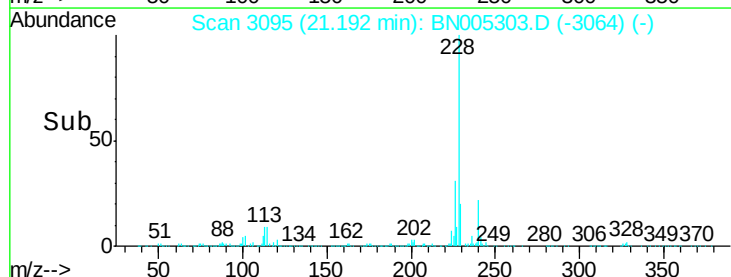
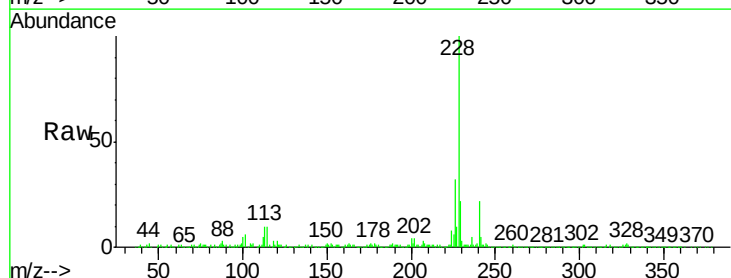
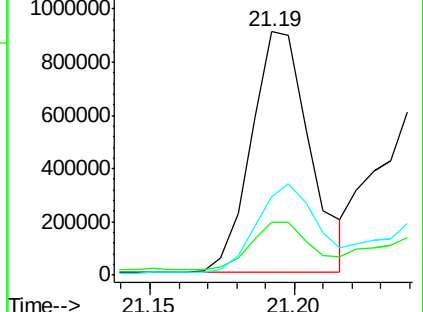
229 21.9 15.8 23.6

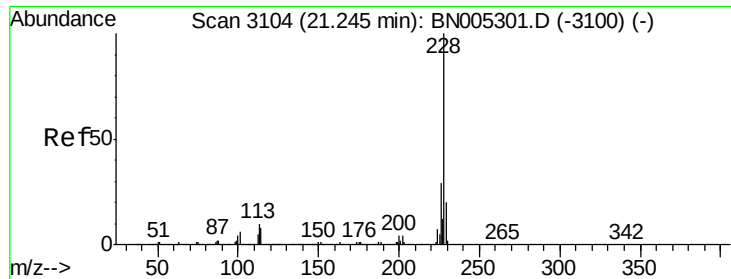
226 32.3 21.4 32.2#

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: 8.648 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. -0.02 min

Lab File: BN005303.D

Acq: 26 Apr 2019 04:45

Instrument :

BNA_N

ClientSampled :

GAHQ0

Tgt Ion:228 Resp: 1297693

Ion Ratio Lower Upper

228 100

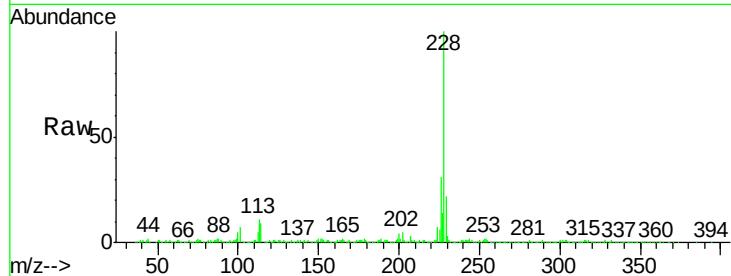
226 31.2 24.0 36.0

229 22.3 15.4 23.0

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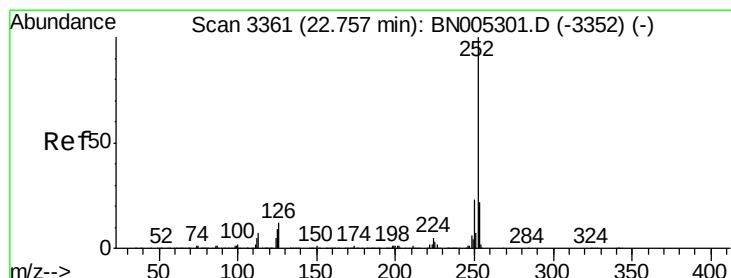
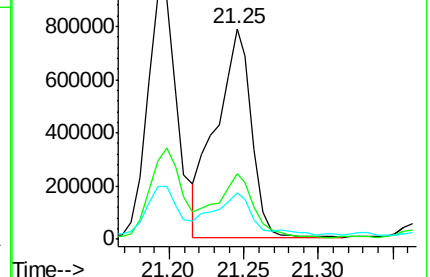
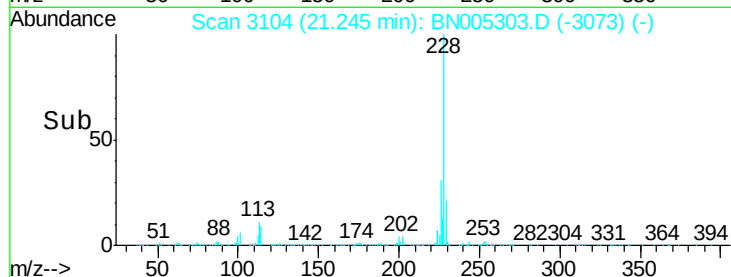
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 8.635 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. -0.02 min

Lab File: BN005303.D

Acq: 26 Apr 2019 04:45

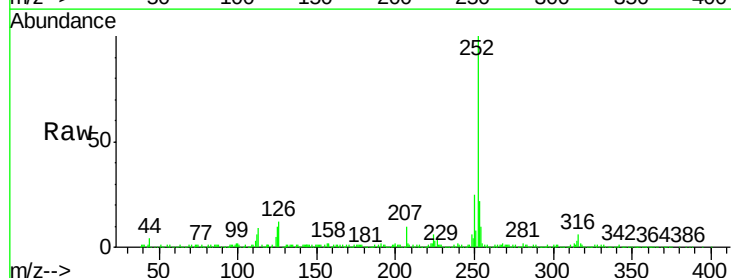
Tgt Ion:252 Resp: 1141774

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

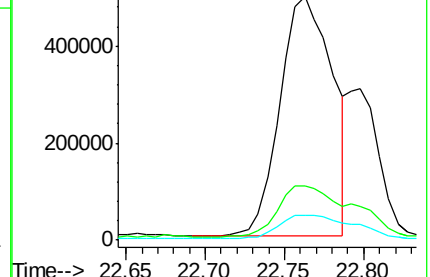
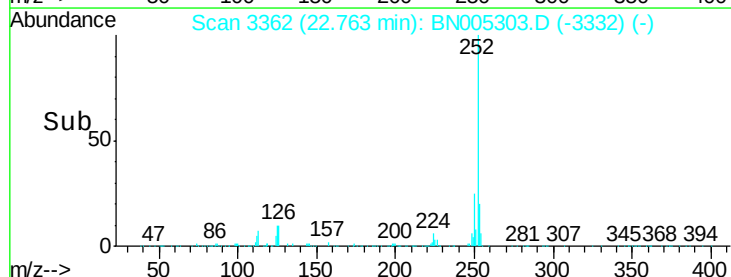
125 10.0 8.4 12.6

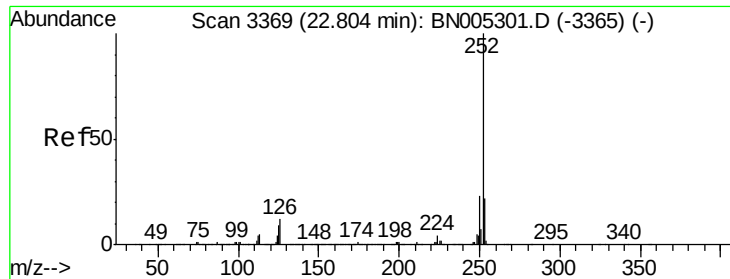


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 3.246 ng/ul m

RT: 22.80 min Scan# 3368

Delta R.T. -0.03 min

Lab File: BN005303.D

Acq: 26 Apr 2019 04:45

Instrument :

BNA_N

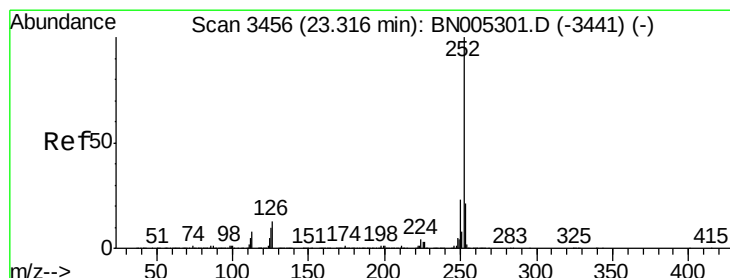
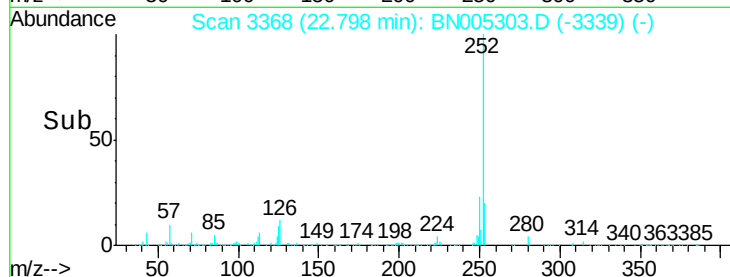
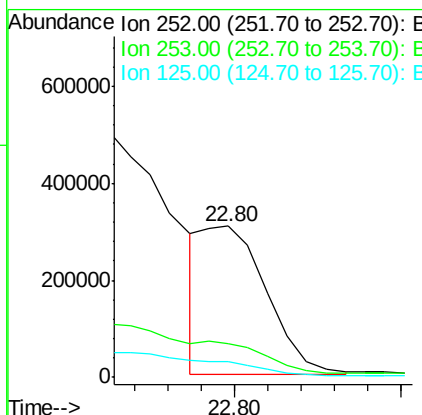
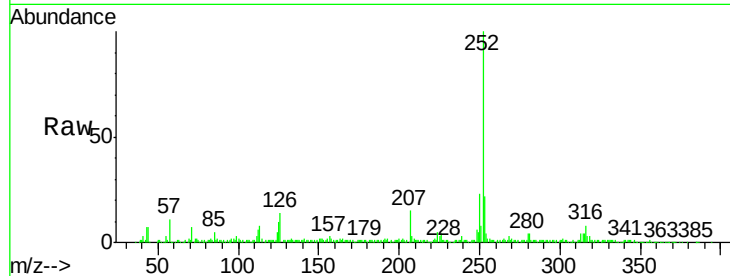
ClientSampleId :

GAHQ0

Tgt Ion:	252	Resp:	409909
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.4	26.0
125	10.0	7.5	11.3

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#90

Benzo(a)pyrene

Concen: 9.475 ng/ul

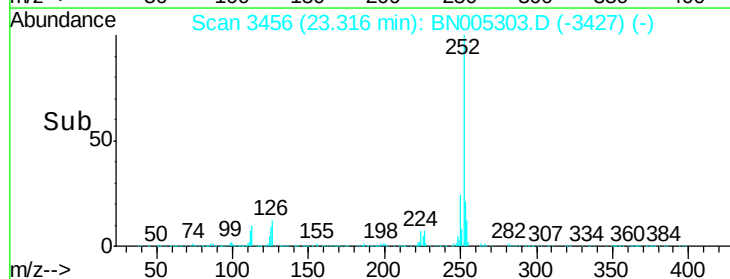
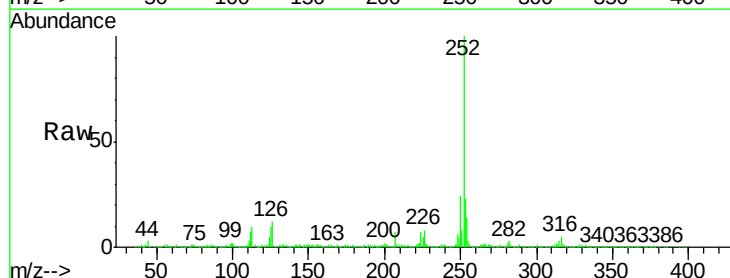
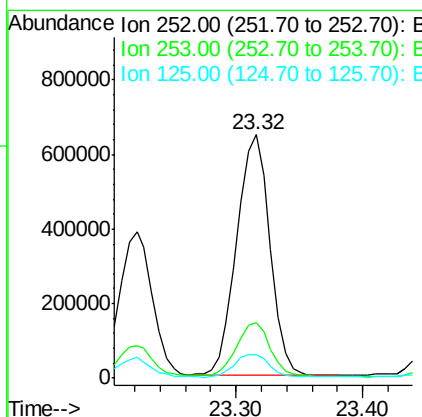
RT: 23.32 min Scan# 3456

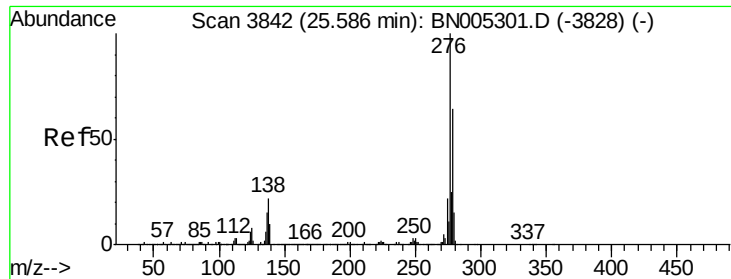
Delta R.T. -0.03 min

Lab File: BN005303.D

Acq: 26 Apr 2019 04:45

Tgt Ion:	252	Resp:	1177596
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.3	25.9
125	9.7	8.6	13.0





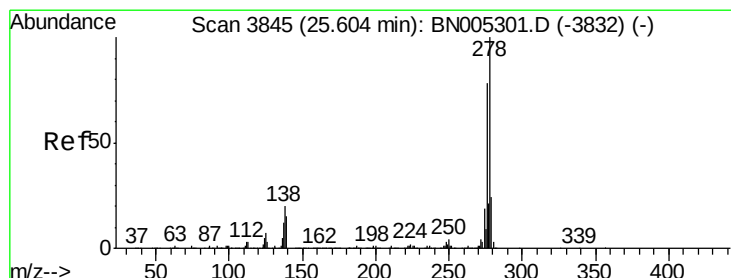
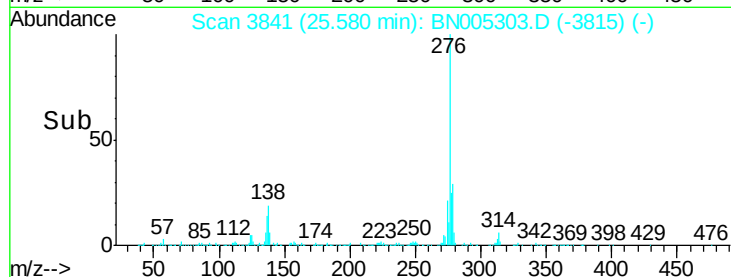
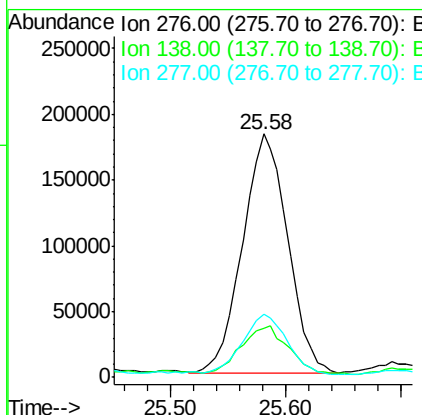
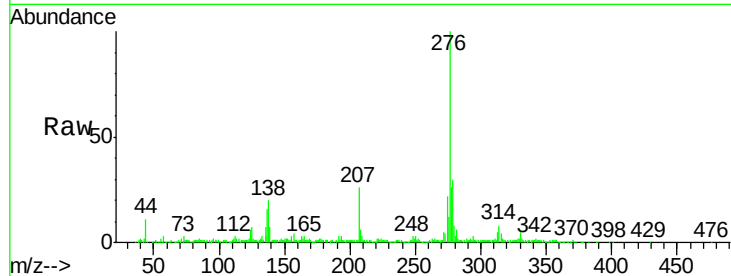
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 3.583 ng/ul
 RT: 25.58 min Scan# 3841
 Delta R.T. -0.05 min
 Lab File: BN005303.D
 Acq: 26 Apr 2019 04:45

Instrument :
 BNA_N
 ClientSampled :
 GAHQ0

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	492302		
138	19.9	17.9	26.9	
277	25.8	19.7	29.5	

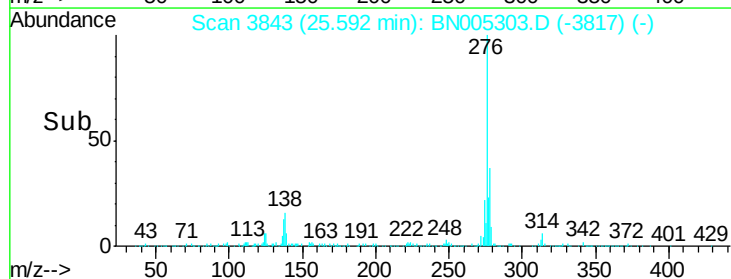
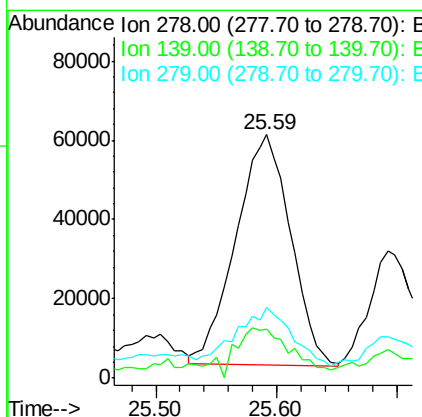
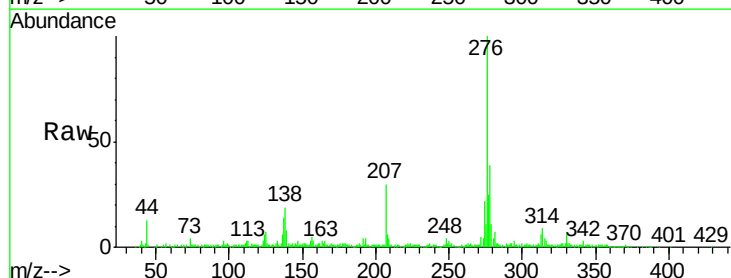
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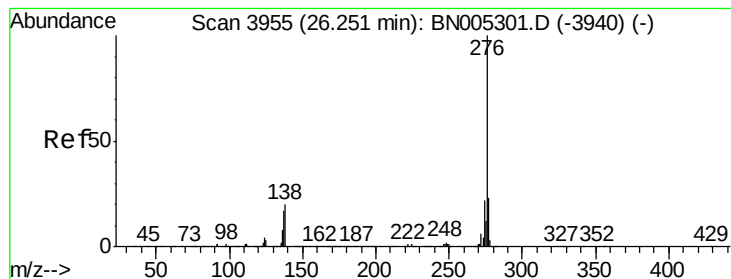
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#92
 Dibenzo(a,h)anthracene
 Concen: 1.573 ng/ul
 RT: 25.59 min Scan# 3843
 Delta R.T. -0.05 min
 Lab File: BN005303.D
 Acq: 26 Apr 2019 04:45

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	183437		
139	19.9	13.1	19.7#	
279	28.8	19.4	29.0	





#93

Benzo(g,h,i)perylene

Concen: 3.590 ng/ul

RT: 26.24 min Scan# 3953

Delta R.T. -0.05 min

Lab File: BN005303.D

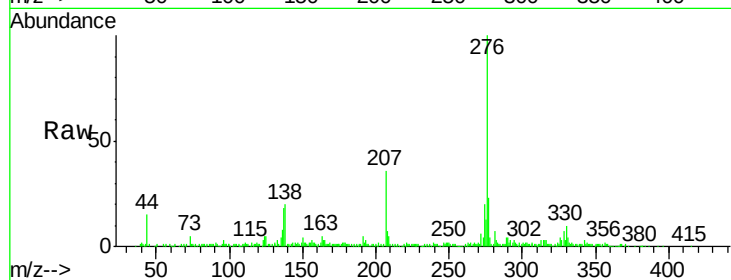
Acq: 26 Apr 2019 04:45

Instrument :

BNA_N

ClientSampleId :

GAHQ0



Tgt Ion:	276	Resp:	407904
Ion Ratio	Lower	Upper	
276	100		
138	20.3	16.7	25.1
277	22.6	18.2	27.2

Manual Integrations
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