

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
 Data File : BN005347.D
 Acq On : 27 Apr 2019 09:09
 Operator : JU/SJ
 Sample : K2455-21DL 25X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 GAHS1DL

Manual Integrations
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Quant Time: Apr 29 04:35:18 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	428792	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1770716	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1031733	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2225797	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1600832	20.00	ng/ul	-0.01
85) Perylene-d12	23.42	264	1599157	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	1551	0.17	ng/uL	0.00
5) Phenol-d5	6.78	99	34467	1.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	21362	1.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	28939	1.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	26876	1.02	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	14289	1.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	15146	1.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	29946	1.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	9409m	0.36	ng/ul	0.01
43) Dimethylphthalate-d6	13.65	166	92133	1.23	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	115230	1.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	11000m	0.93	ng/ul	0.02
57) Fluorene-d10	15.23	176	86738	1.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	4733	0.47	ng/ul	0.00
70) Anthracene-d10	17.08	188	130439	1.40	ng/ul	0.00
78) Pyrene-d10	19.39	212	117689	1.44	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	85387	1.22	ng/ul	-0.02

Target Compounds

					Qvalue
47) Acenaphthylene	13.95	152	609930	6.747	ng/ul 99
69) Phenanthrene	17.02	178	1112455	10.263	ng/ul 99
71) Anthracene	17.12	178	537406	4.867	ng/ul 99
76) Fluoranthene	19.06	202	2526511	21.013	ng/ul 99
79) Pyrene	19.43	202	5759098	55.874	ng/ul 98
82) Benzo(a)anthracene	21.20	228	1344456m	13.500	ng/ul
84) Chrysene	21.25	228	1366788	14.788	ng/ul 98
87) Benzo(b)fluoranthene	22.77	252	1030624	11.465	ng/ul 99
88) Benzo(k)fluoranthene	22.81	252	346119m	4.032	ng/ul
90) Benzo(a)pyrene	23.33	252	571575	6.765	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	25.60	276	411551	4.405	ng/ul 96
92) Dibenzo(a,h)anthracene	25.61	278	142103	1.792	ng/ul 96
93) Benzo(g,h,i)perylene	26.26	276	291830	3.778	ng/ul 100

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

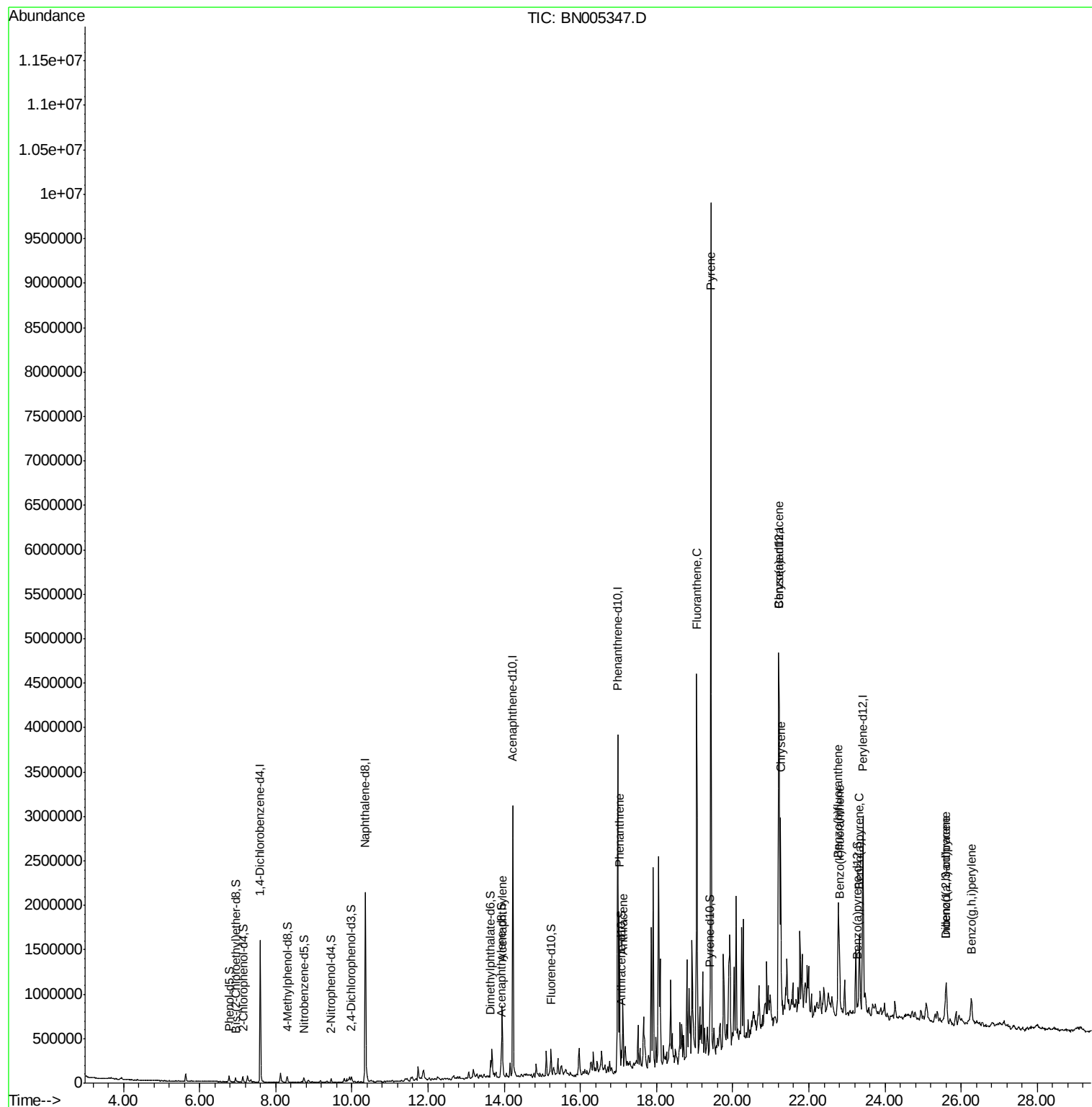
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005347.D
Acq On : 27 Apr 2019 09:09
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ALS Vial : 30 Sample Multiplier: 1

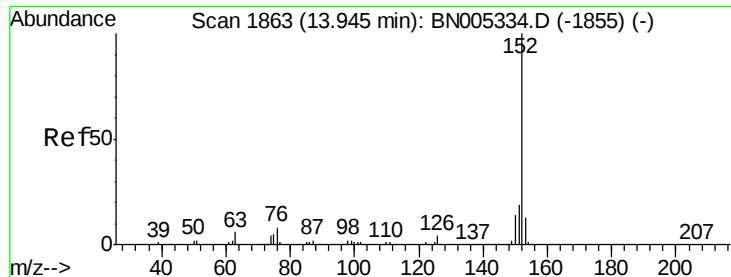
Instrument :
BNA_N
ClientSampleId :
GAHS1DL

Quant Time: Apr 29 04:35:18 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
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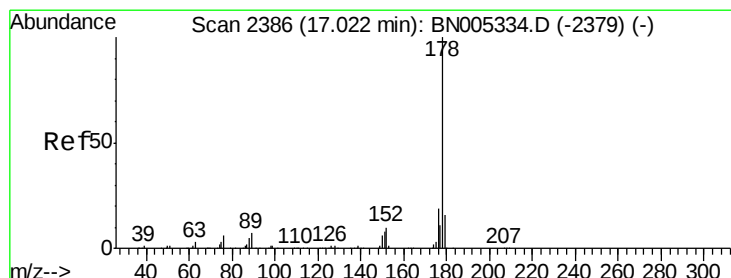
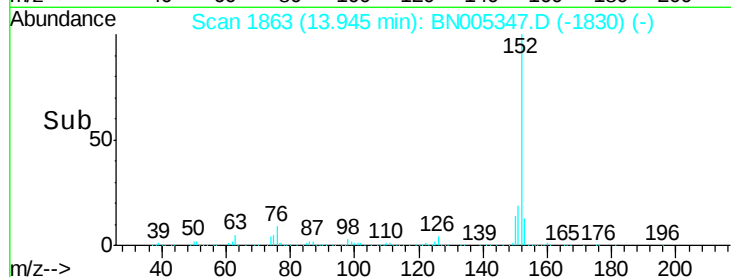
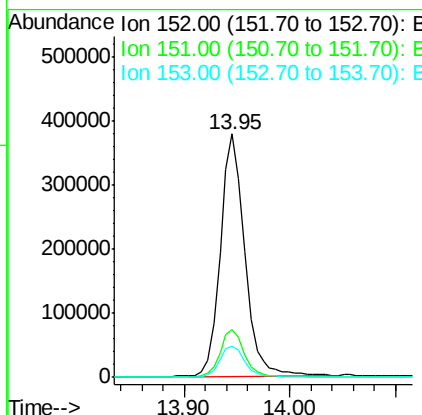
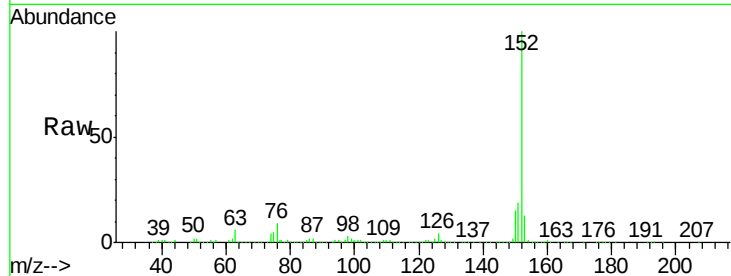
#47
Acenaphthylene
Concen: 6.747 ng/ul
RT: 13.95 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BN005347.D
Acq: 27 Apr 2019 09:09

Instrument :
BNA_N
ClientSampleID :
GAHS1DL

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.8
153	12.9	9.8	14.8

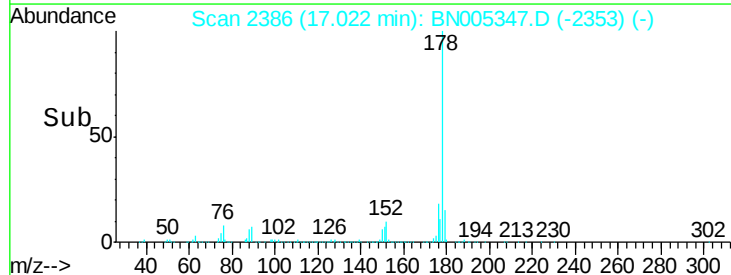
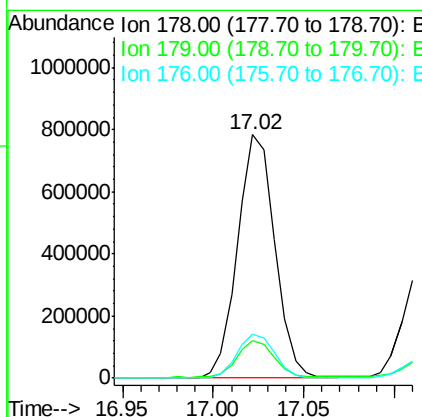
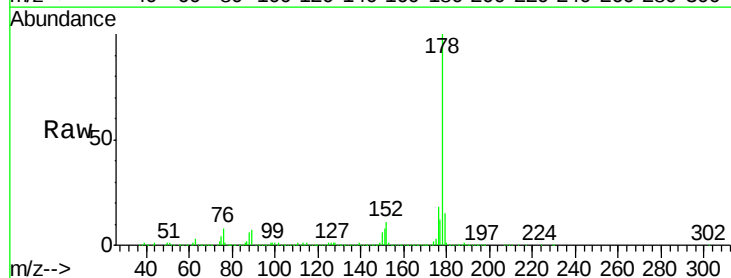
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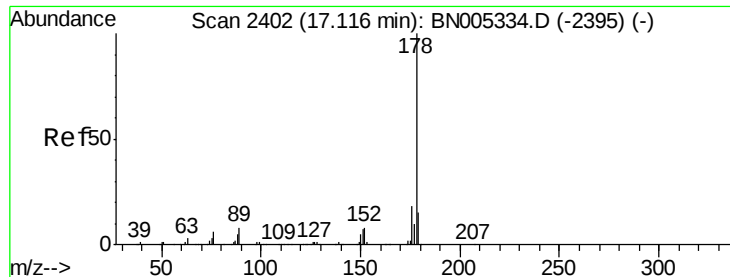
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#69
Phenanthrene
Concen: 10.263 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BN005347.D
Acq: 27 Apr 2019 09:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	17.9	15.1	22.7





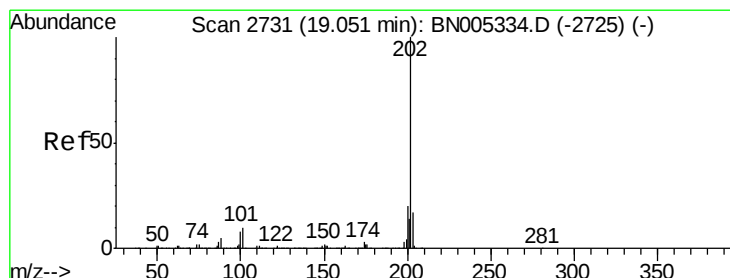
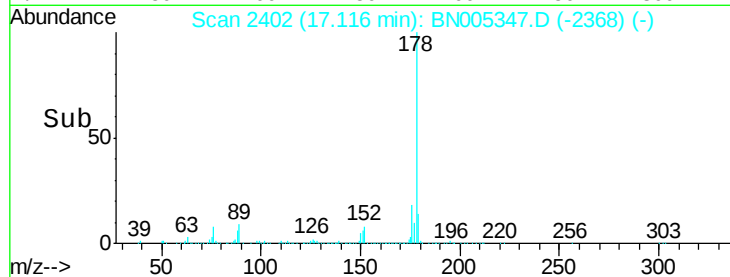
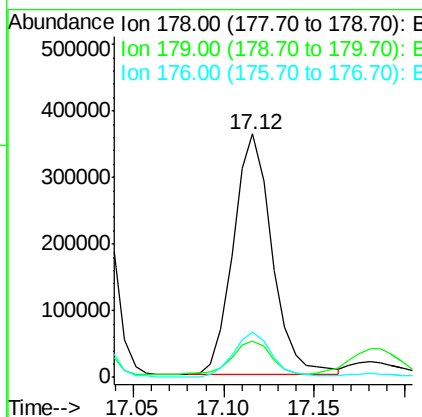
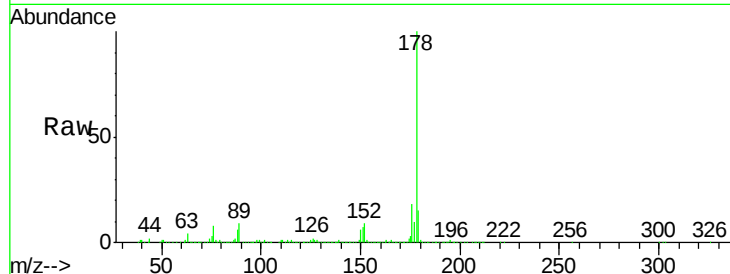
#71
 Anthracene
 Concen: 4.867 ng/ul
 RT: 17.12 min Scan# 2402
 Delta R.T. 0.00 min
 Lab File: BN005347.D
 Acq: 27 Apr 2019 09:09

Instrument :
 BNA_N
 ClientSampled :
 GAHS1DL

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	537406		
179	14.9	12.3	18.5	
176	18.4	15.1	22.7	

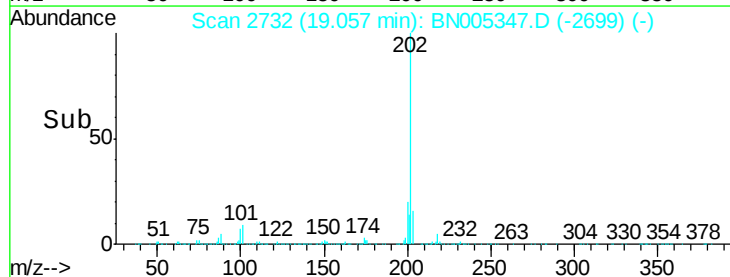
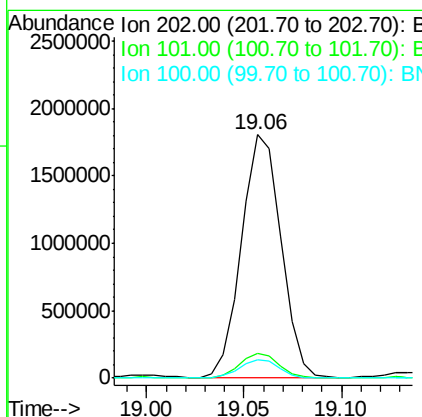
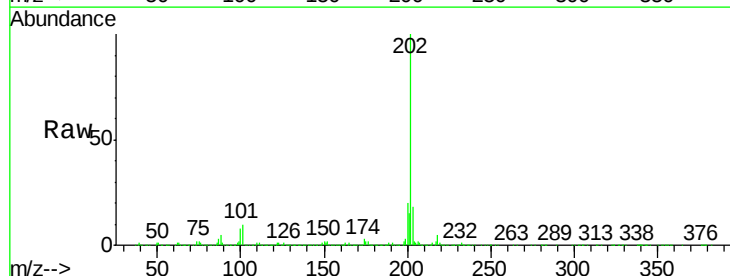
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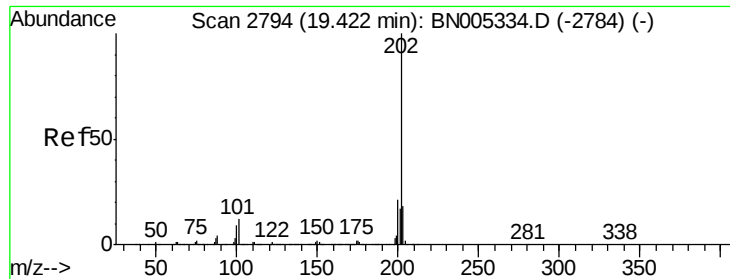
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#76
 Fluoranthene
 Concen: 21.013 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. -0.01 min
 Lab File: BN005347.D
 Acq: 27 Apr 2019 09:09

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2526511		
101	10.4	8.6	12.8	
100	7.7	6.3	9.5	





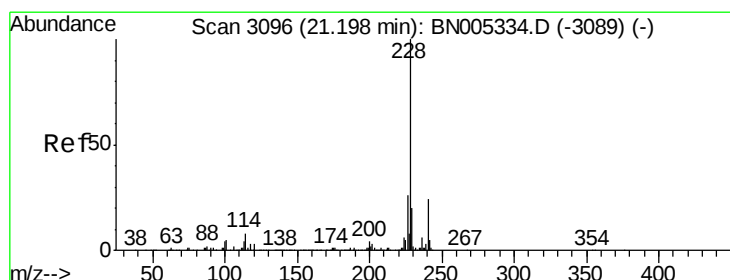
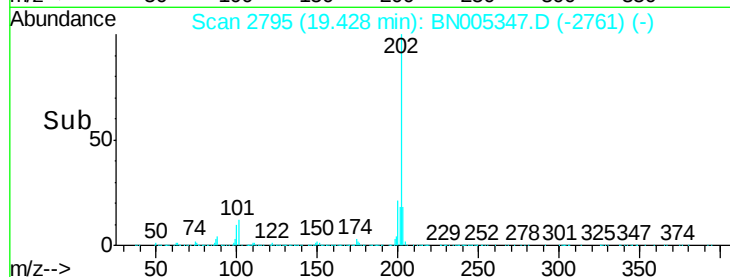
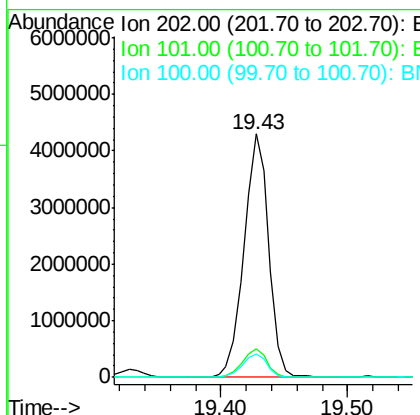
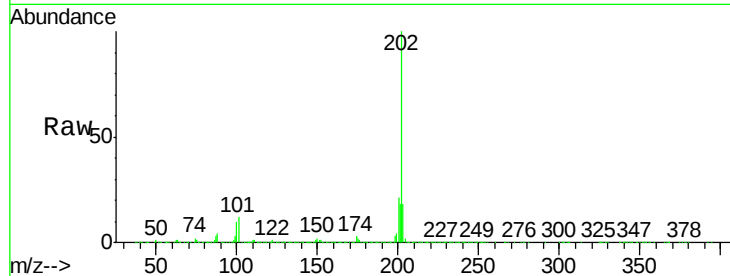
#79
 Pyrene
 Concen: 55.874 ng/ul
 RT: 19.43 min Scan# 2795
 Delta R.T. 0.00 min
 Lab File: BN005347.D
 Acq: 27 Apr 2019 09:09

Instrument :
 BNA_N
 ClientSampled :
 GAHS1DL

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.3	15.5
100	9.6	7.9	11.9

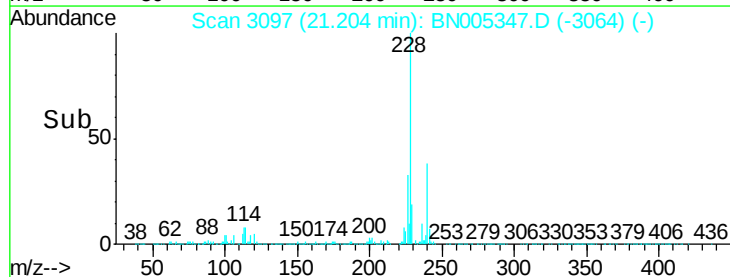
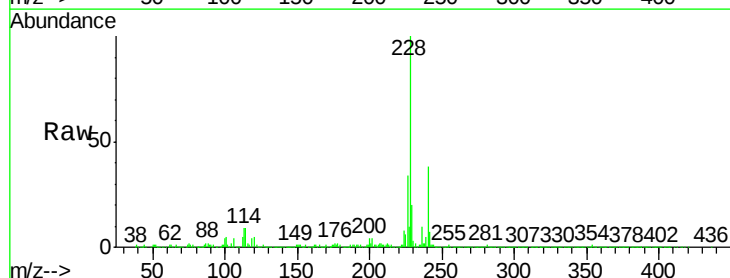
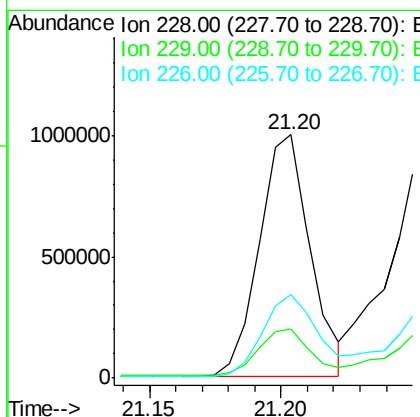
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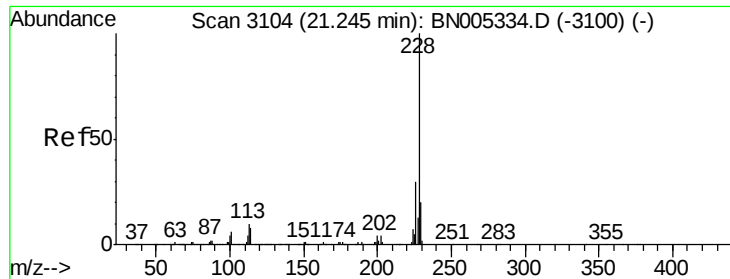
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#82
 Benzo(a)anthracene
 Concen: 13.500 ng/ul m
 RT: 21.20 min Scan# 3097
 Delta R.T. -0.01 min
 Lab File: BN005347.D
 Acq: 27 Apr 2019 09:09

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.8	23.6
226	34.1	21.4	32.2#





#84

Chrysene

Concen: 14.788 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN005347.D

Acq: 27 Apr 2019 09:09

Instrument :

BNA_N

ClientSampled :

GAHS1DL

Tgt Ion:228 Resp: 1366788

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

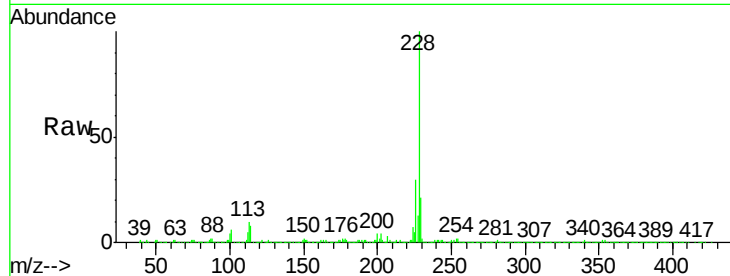
229 20.6 15.4 23.0

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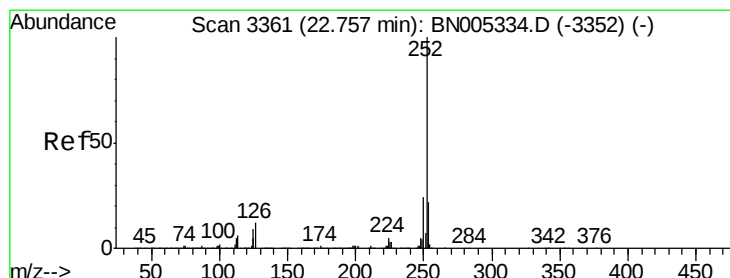
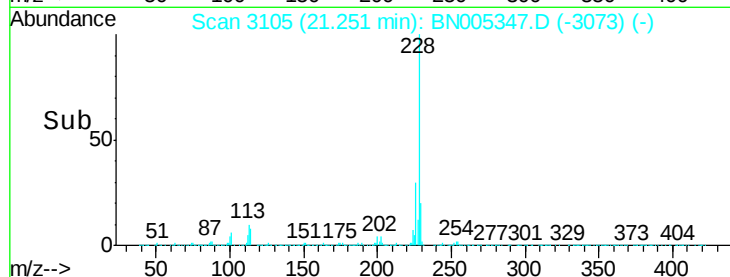
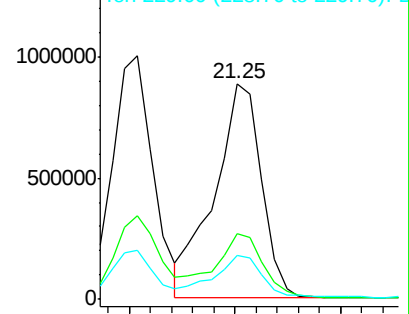
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 11.465 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BN005347.D

Acq: 27 Apr 2019 09:09

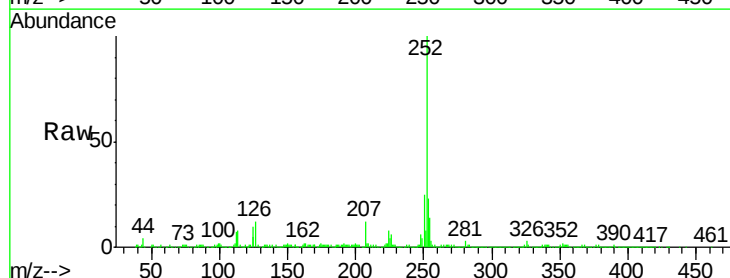
Tgt Ion:252 Resp: 1030624

Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

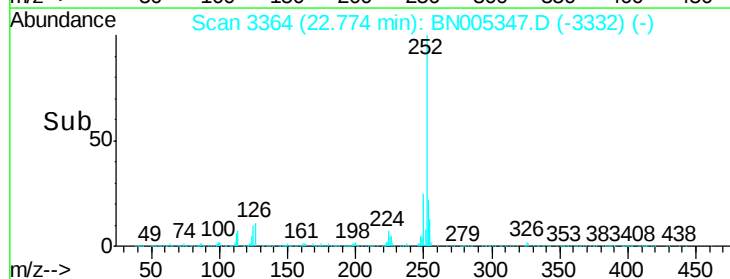
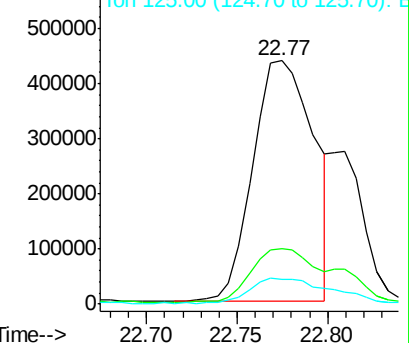
125 10.3 8.4 12.6

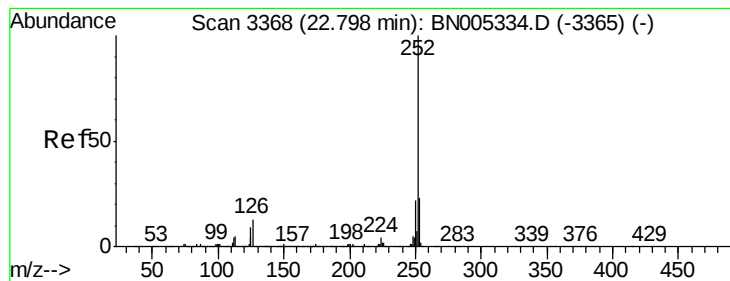


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 4.032 ng/ul m

RT: 22.81 min Scan# 3370

Delta R.T. -0.02 min

Lab File: BN005347.D

Acq: 27 Apr 2019 09:09

Instrument :

BNA_N

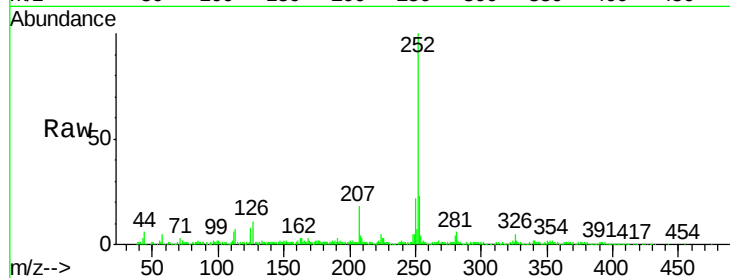
ClientSampled :

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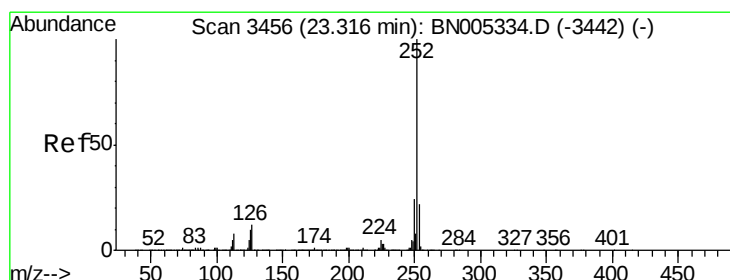
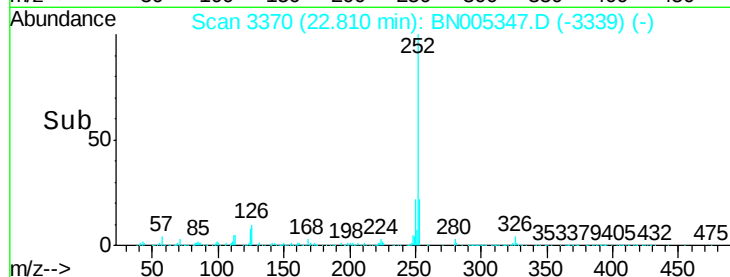
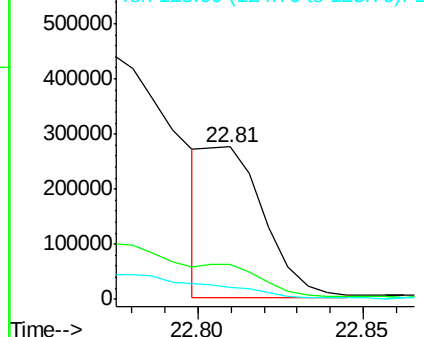
Tgt Ion:	252	Resp:	346119
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.0
125	8.2	7.5	11.3

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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



#90

Benzo(a)pyrene

Concen: 6.765 ng/ul

RT: 23.33 min Scan# 3458

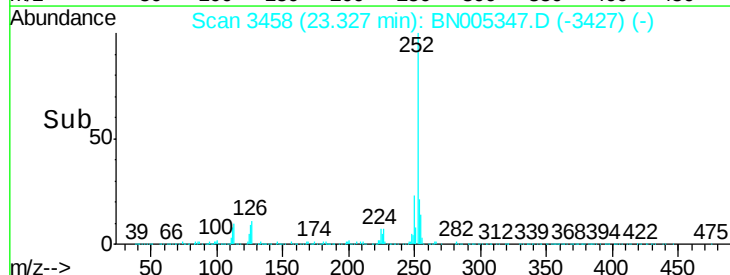
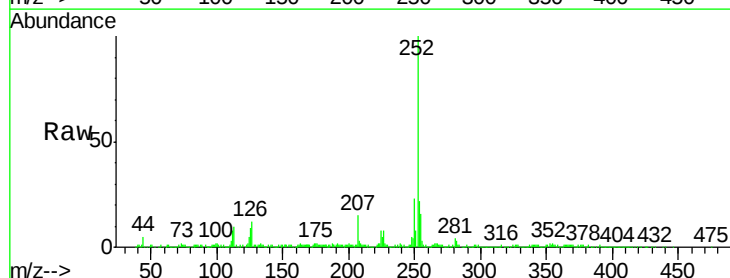
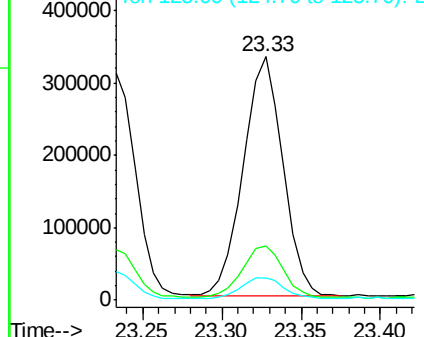
Delta R.T. -0.02 min

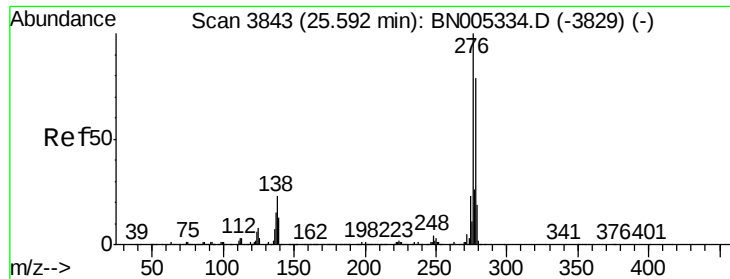
Lab File: BN005347.D

Acq: 27 Apr 2019 09:09

Tgt Ion:	252	Resp:	571575
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.3	25.9
125	9.2	8.6	13.0

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





#91

Indeno(1,2,3-cd)pyrene

Concen: 4.405 ng/ul

RT: 25.60 min Scan# 3845

Delta R.T. -0.02 min

Lab File: BN005347.D

Acq: 27 Apr 2019 09:09

Instrument :

BNA_N

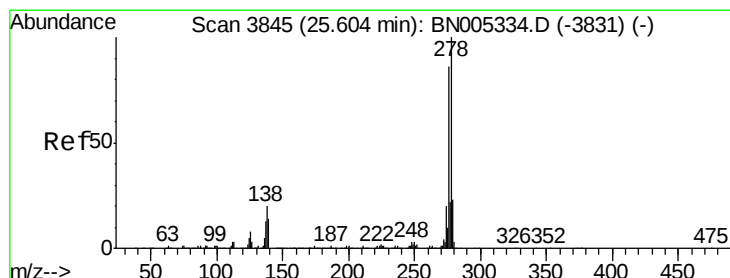
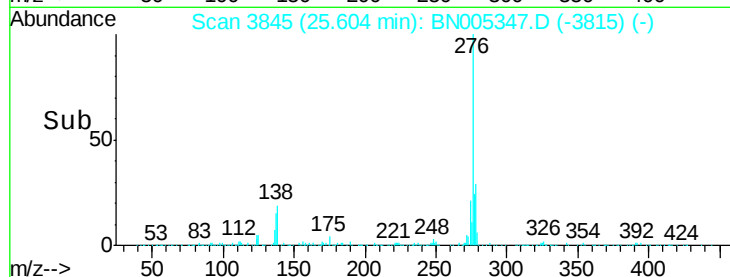
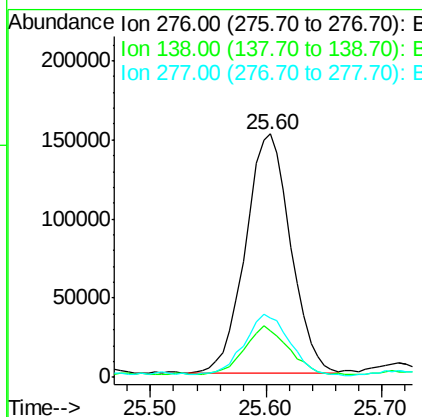
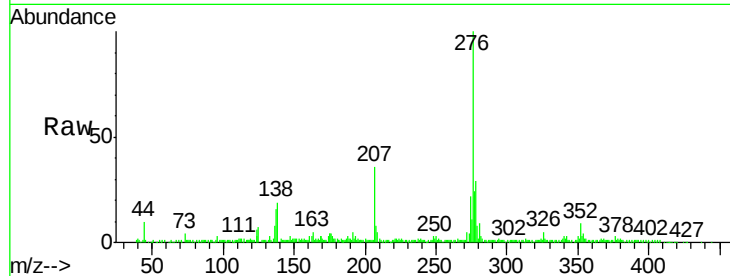
ClientSampleId :

GAHS1DL

Tgt Ion:	276	Resp:	411551
Ion Ratio		Lower	Upper
276	100		
138	19.3	17.9	26.9
277	24.1	19.7	29.5

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#92

Dibenzo(a,h)anthracene

Concen: 1.792 ng/ul

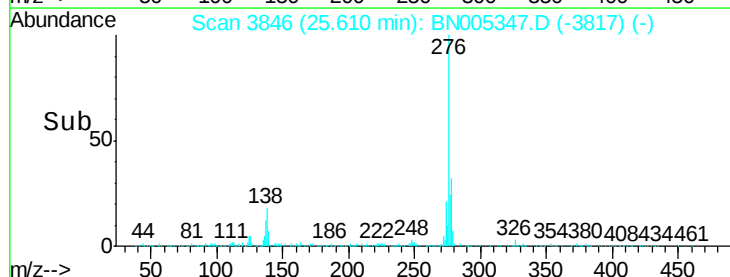
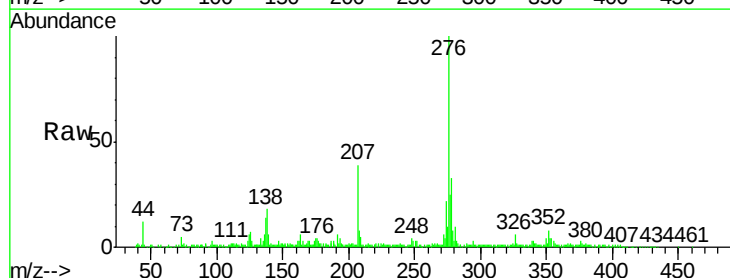
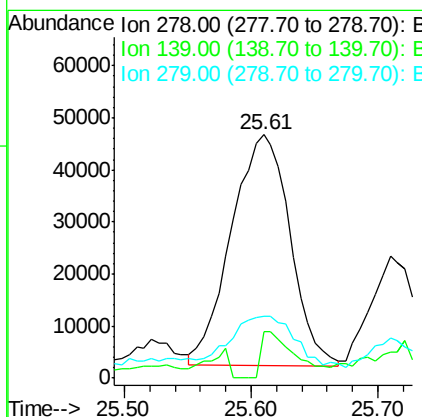
RT: 25.61 min Scan# 3846

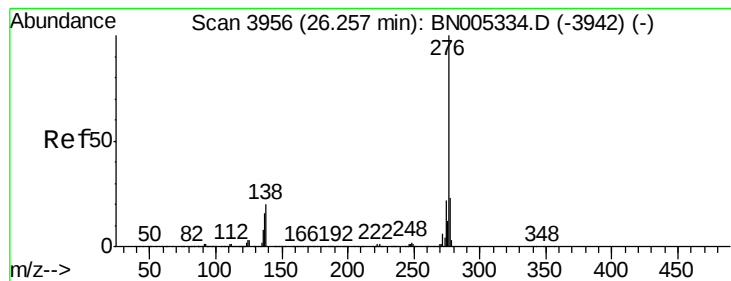
Delta R.T. -0.03 min

Lab File: BN005347.D

Acq: 27 Apr 2019 09:09

Tgt Ion:	278	Resp:	142103
Ion Ratio		Lower	Upper
278	100		
139	19.1	13.1	19.7
279	25.4	19.4	29.0





#93

Benzo(g,h,i)perylene

Concen: 3.778 ng/ul

RT: 26.26 min Scan# 3957

Delta R.T. -0.03 min

Lab File: BN005347.D

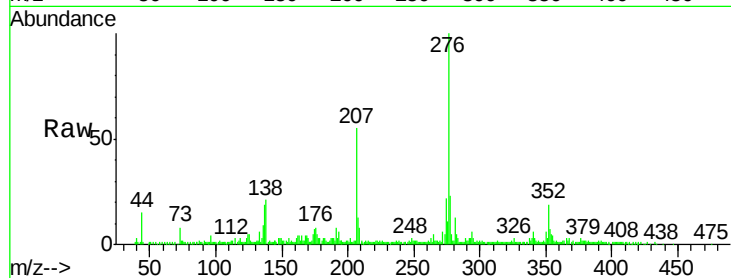
Acq: 27 Apr 2019 09:09

Instrument :

BNA_N

ClientSampleId :

GAHS1DL



Tgt	Ion	276	Resp	291830
	Ratio	100	Lower	Upper
	276	100		
	138	20.9	16.7	25.1
	277	23.0	18.2	27.2

Manual Integrations
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