

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
 Data File : BN005327.D
 Acq On : 26 Apr 2019 21:38
 Operator : JU/SJ
 Sample : K2455-05ME
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 GAHQ7ME

Manual Integrations
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Sohil
 4/29/2019 1:43:27 PM

Quant Time: Apr 27 00:46:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 23:25:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	468873	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	1953154	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.23	164	1328478	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2921759	20.00	ng/ul	0.01
77) Chrysene-d12	21.22	240	2602668	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	2585443	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	34059	3.51	ng/uL	0.00
5) Phenol-d5	6.78	99	812601	22.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	496742	21.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	647226	22.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	620010	21.54	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	378197	31.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	391048	32.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	688916	24.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	924709	32.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	2196710	22.78	ng/ul	0.01
46) Acenaphthylene-d8	13.93	160	2729701	23.05	ng/ul	0.01
51) 4-Nitrophenol-d4	14.44	143	363149	23.85	ng/ul	0.00
57) Fluorene-d10	15.23	176	1895919	23.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	198847	15.13	ng/ul	0.02
70) Anthracene-d10	17.10	188	3002384	24.51	ng/ul	0.02
78) Pyrene-d10	19.40	212	3569498	26.81	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.29	264	2954127	26.15	ng/ul	0.01

Target Compounds

					Ovalue
14) Acetophenone	8.40	105	247968	5.382 ng/ul#	77
28) Naphthalene	10.41	128	35689445m	393.060 ng/ul	
34) 2-Methylnaphthalene	12.04	142	37604854m	565.622 ng/ul	
40) 1,1'-Biphenyl	13.06	154	6181553	62.450 ng/ul	99
44) Dimethylphthalate	13.70	163	218751	2.276 ng/ul	98
47) Acenaphthylene	13.96	152	18251828	156.801 ng/ul#	80
49) Acenaphthene	14.30	153	2752551	34.638 ng/ul	99
53) Dibenzofuran	14.63	168	2662158	23.268 ng/ul	95
58) Fluorene	15.30	166	13340943	149.432 ng/ul	97
69) Phenanthrene	17.03	178	27731857m	194.891 ng/ul	
71) Anthracene	17.13	178	7631422	52.647 ng/ul	99
76) Fluoranthene	19.07	202	14180825m	89.848 ng/ul	
79) Pyrene	19.43	202	17841954m	106.470 ng/ul	
82) Benzo(a)anthracene	21.20	228	8096544m	50.006 ng/ul	
84) Chrysene	21.26	228	7127527	47.431 ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	4565347	31.413 ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	1137970m	8.198 ng/ul	
90) Benzo(a)pyrene	23.33	252	3426491	25.083 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.60	276	1639866	10.858 ng/ul	97
92) Dibenz(a,h)anthracene	25.61	278	512205	3.996 ng/ul	96
93) Benzo(a,h,i)perylene	26.26	276	1424988	11.410 ng/ul	97

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

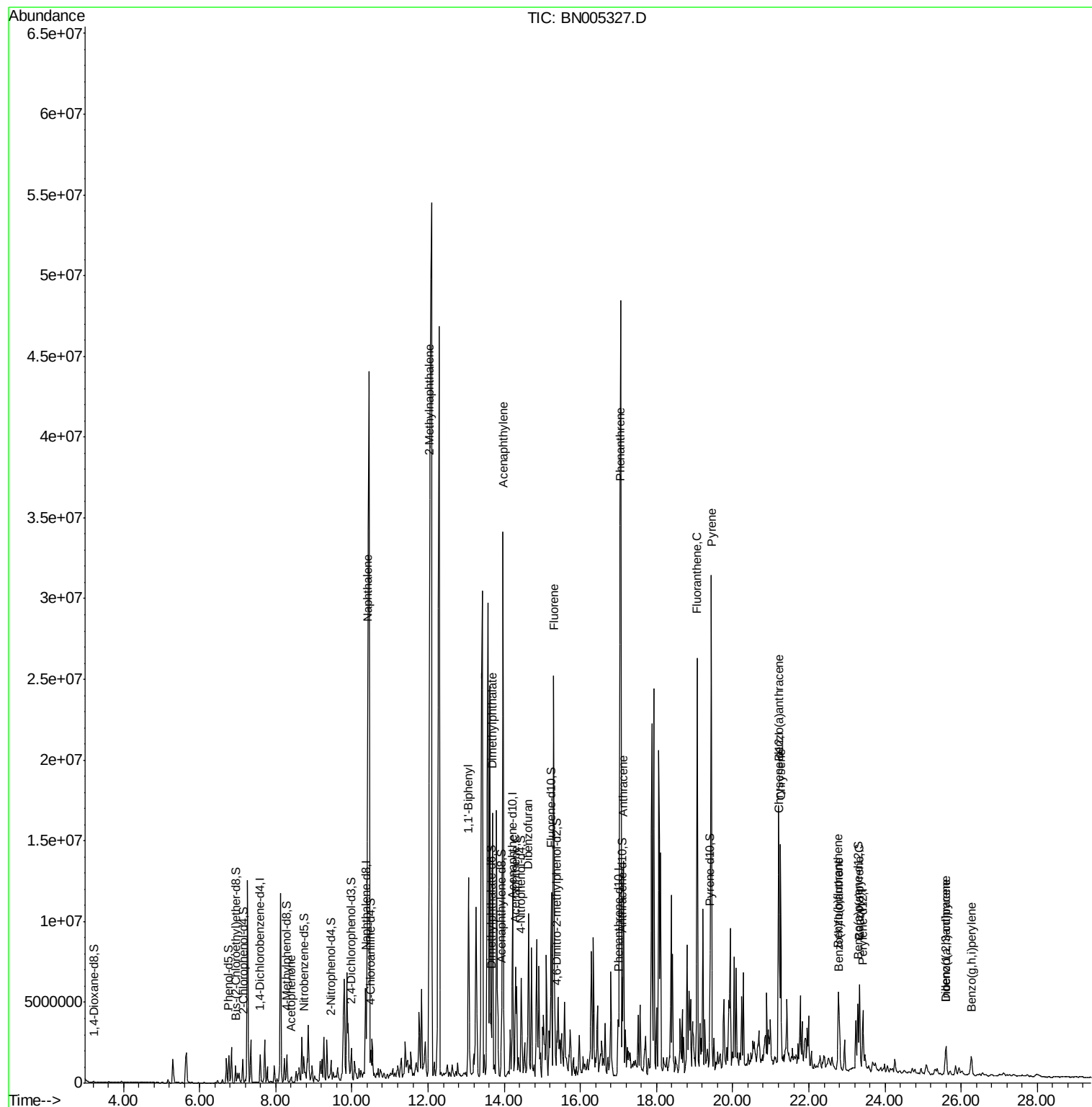
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
Data File : BN005327.D
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Operator : JU/SJ
Sample : K2455-05ME
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ALS Vial : 11 Sample Multiplier: 1

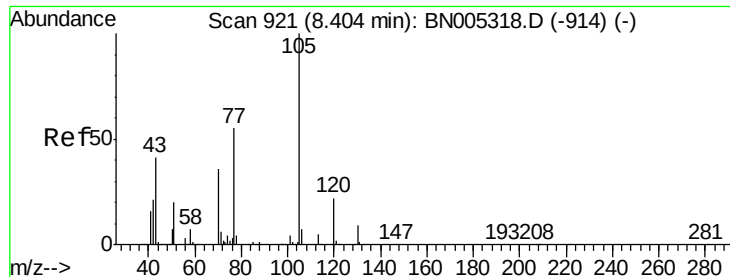
Instrument :
BNA_N
ClientSampleId :
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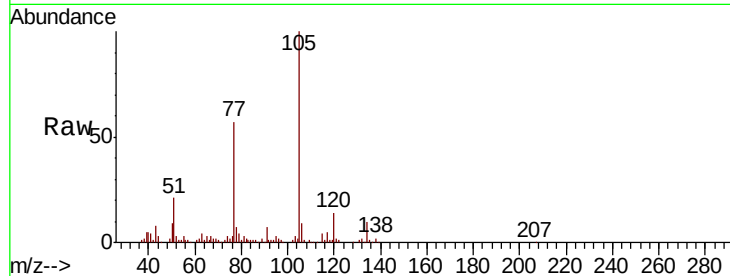
#14
Acetophenone
Concen: 5.382 ng/ul
RT: 8.40 min Scan# 920
Delta R.T. -0.01 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Instrument :
BNA_N
ClientSampleId :
GAHQ7ME

Tot Ion	Ratio	Lower	Upper
105	100		
77	56.8	63.4	95.0#
51	21.0	24.2	36.4#

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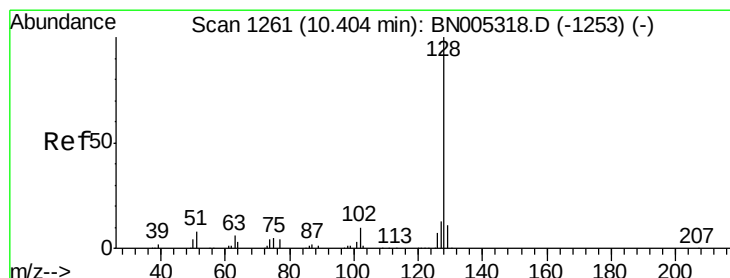
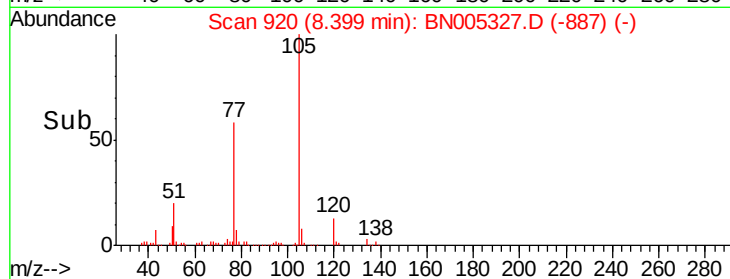
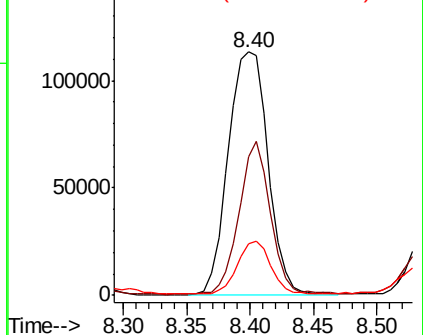


Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNO

Ion 51.00 (50.70 to 51.70): BNO



#28
Naphthalene
Concen: 393.060 ng/ul m
RT: 10.41 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

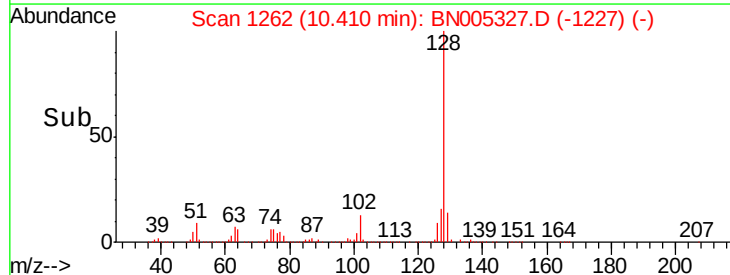
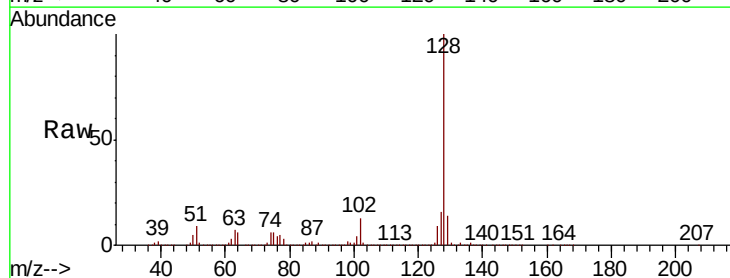
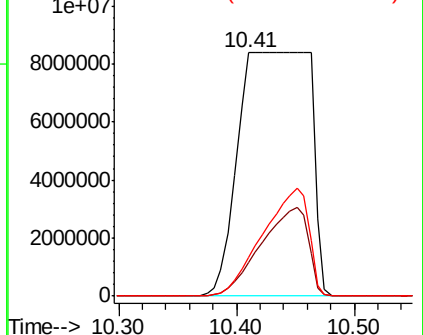
Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.9	9.2	13.8#
127	15.8	10.7	16.1

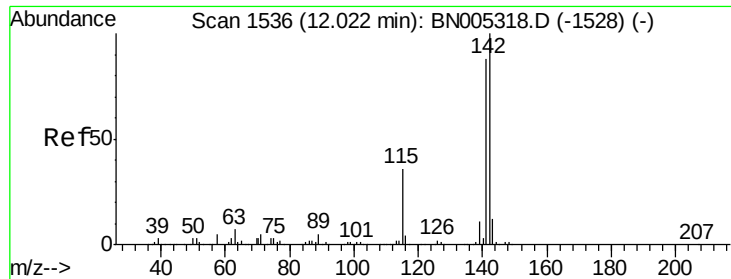
Abundance

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





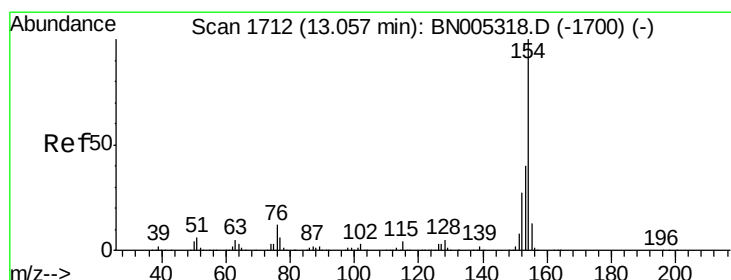
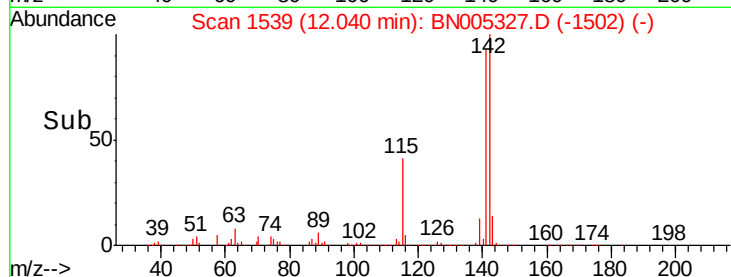
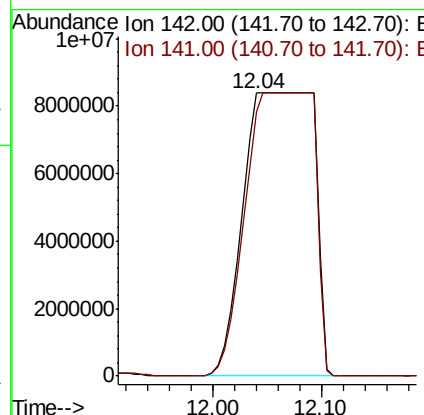
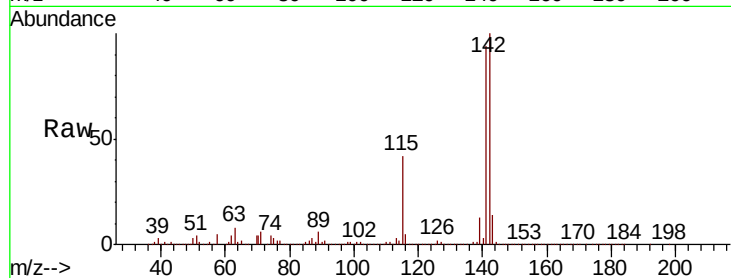
#34
2-Methylnaphthalene
Concen: 565.622 ng/ul m
RT: 12.04 min Scan# 1539
Delta R.T. 0.02 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Instrument :
BNA_N
ClientSampleId :
GAHQ7ME

Tot Ion:142 Resp:37604854
Ion Ratio Lower Upper
142 100
141 93.5 72.0 108.0

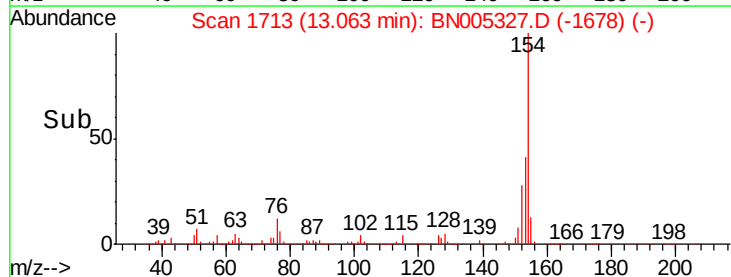
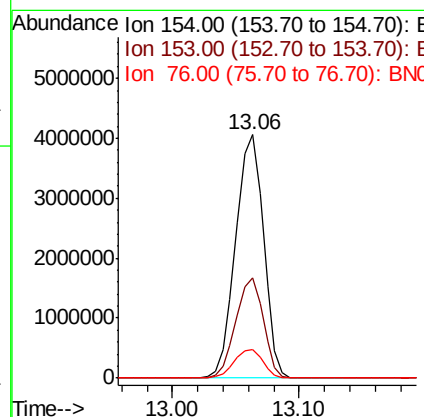
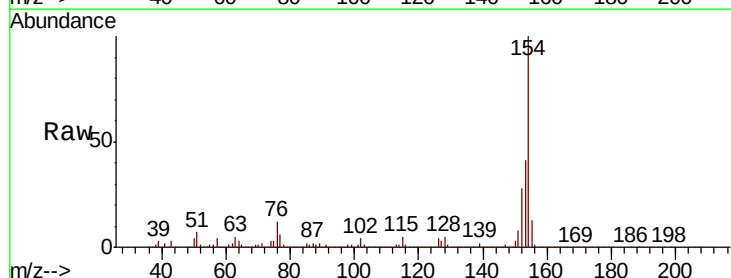
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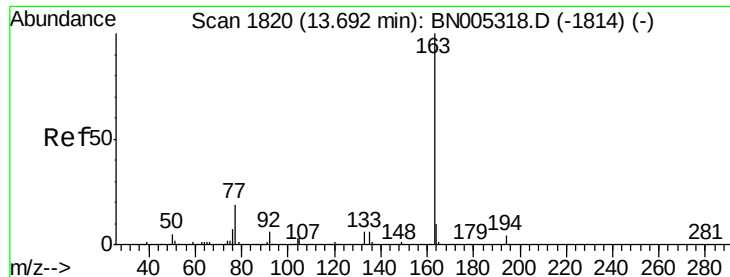
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#40
1,1'-Biphenyl
Concen: 62.450 ng/ul
RT: 13.06 min Scan# 1713
Delta R.T. 0.01 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Tgt Ion:154 Resp: 6181553
Ion Ratio Lower Upper
154 100
153 41.1 32.6 49.0
76 11.6 10.4 15.6





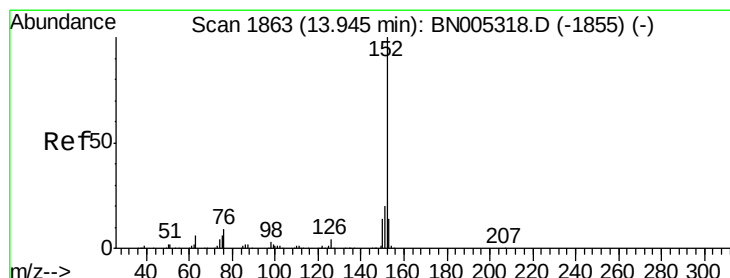
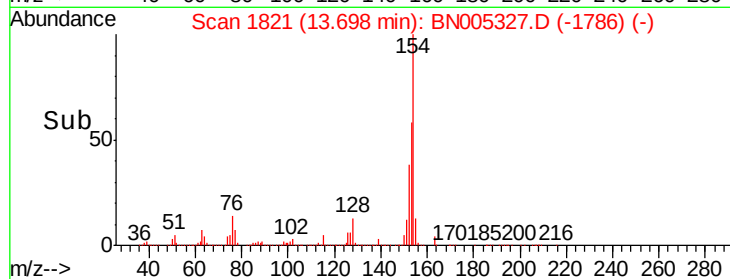
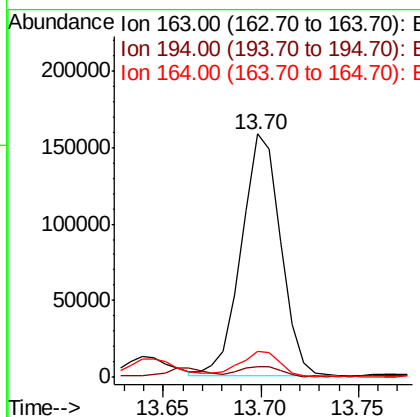
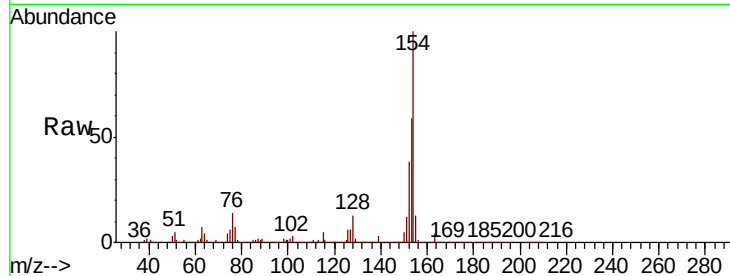
#44
Dimethylphthalate
Concen: 2.276 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. 0.01 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Instrument :
BNA_N
ClientSampleId :
GAHQ7ME

Tot Ion	Ratio	Resp	Lower	Upper
163	100	218751		
194	4.5	3.4	5.0	
164	10.9	8.1	12.1	

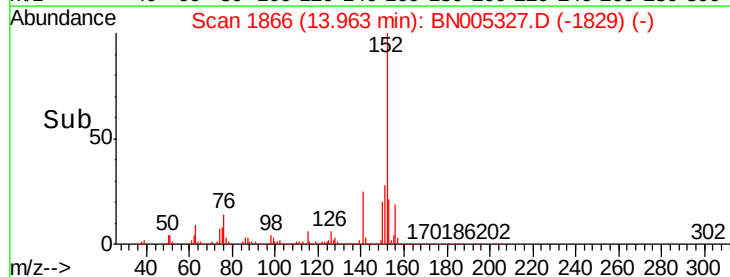
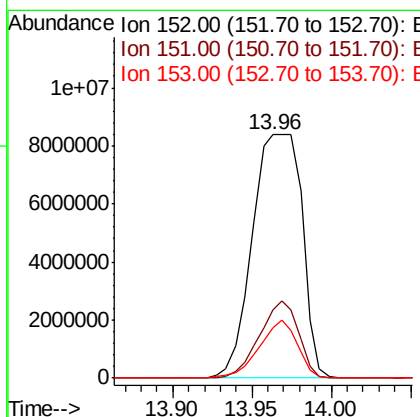
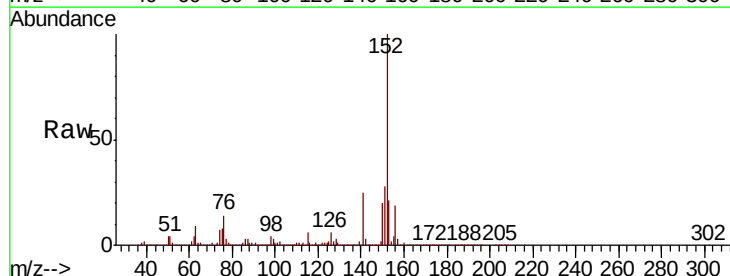
Manual Integrations
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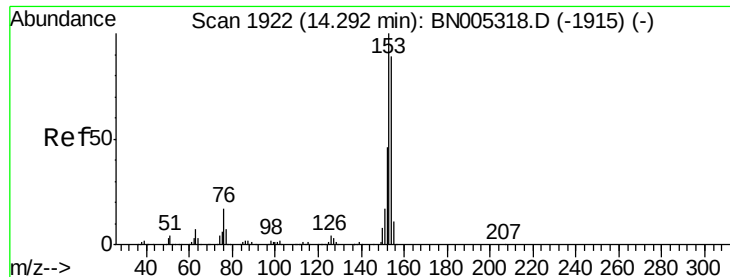
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#47
Acenaphthylene
Concen: 156.801 ng/ul
RT: 13.96 min Scan# 1866
Delta R.T. 0.02 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	18251828		
151	28.2	15.8	23.8#	
153	20.8	9.8	14.8#	





#49

Acenaphthene

Concen: 34.638 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. 0.01 min

Lab File: BN005327.D

Acq: 26 Apr 2019 21:38

Instrument :

BNA_N

ClientSampleId :

GAHQ7ME

Tot Ion:153 Resp: 2752551

Ion Ratio Lower Upper

153 100

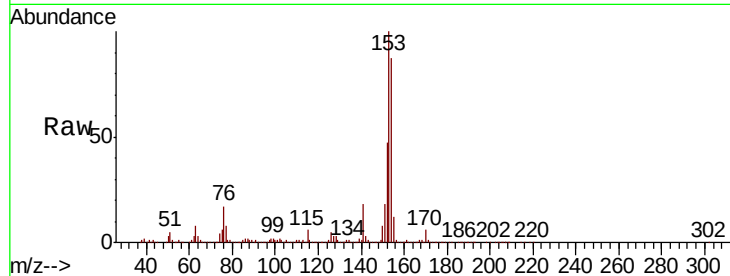
152 46.7 37.4 56.0

154 87.4 71.2 106.8

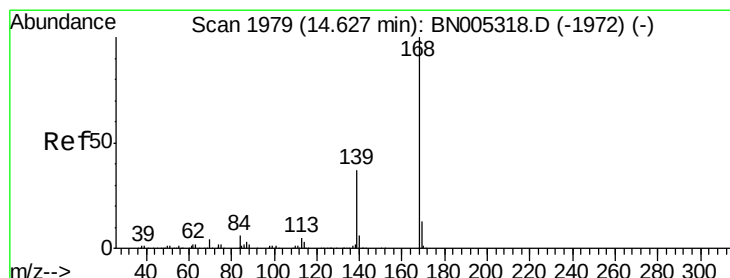
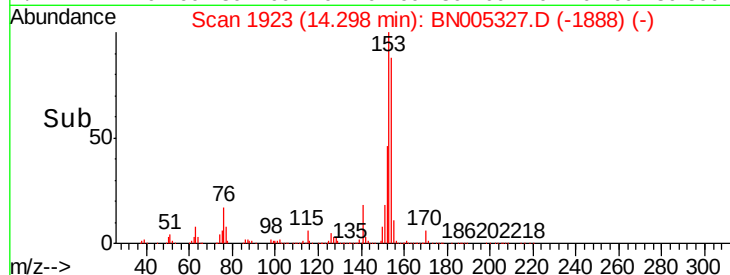
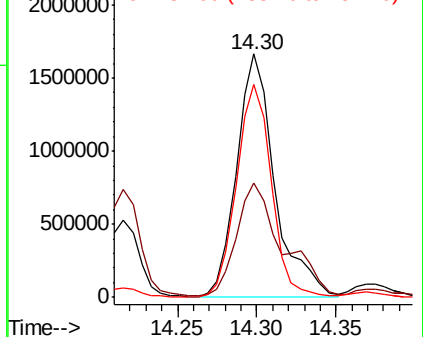
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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 23.268 ng/ul

RT: 14.63 min Scan# 1980

Delta R.T. 0.01 min

Lab File: BN005327.D

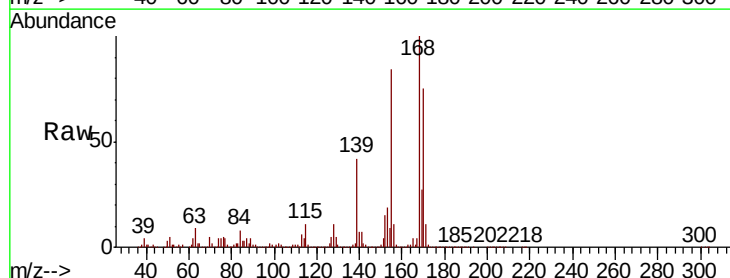
Acq: 26 Apr 2019 21:38

Tgt Ion:168 Resp: 2662158

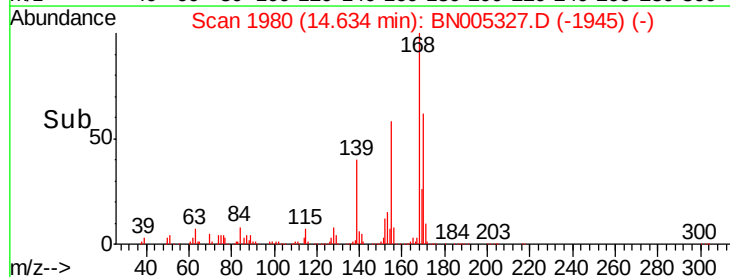
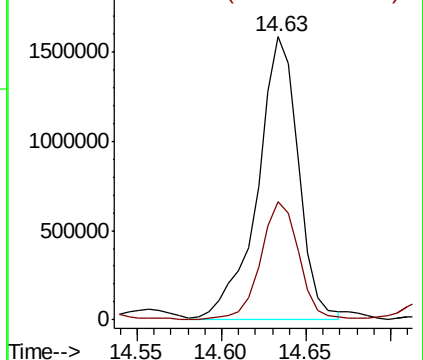
Ion Ratio Lower Upper

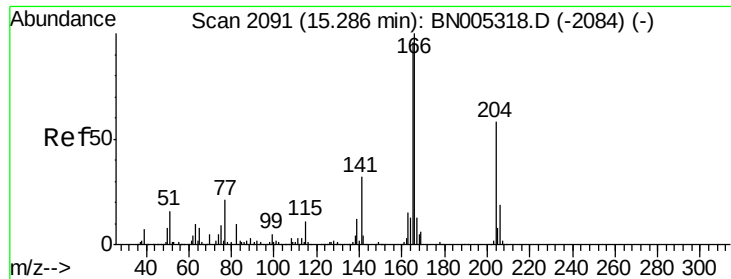
168 100

139 41.9 30.9 46.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





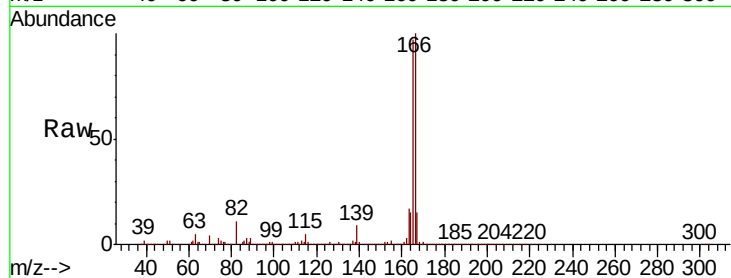
#58
 Fluorene
 Concen: 149.432 ng/ul
 RT: 15.30 min Scan# 2093
 Delta R.T. 0.01 min
 Lab File: BN005327.D
 Acq: 26 Apr 2019 21:38

Instrument :
 BNA_N
 ClientSampleID :
 GAHQ7ME

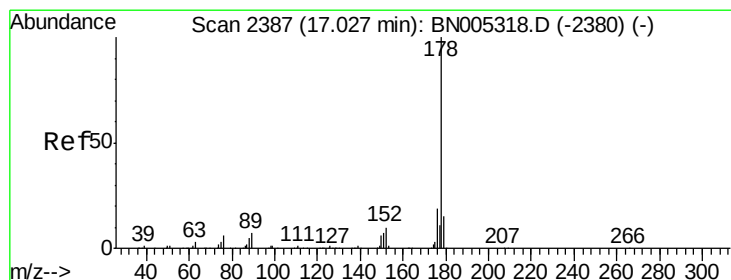
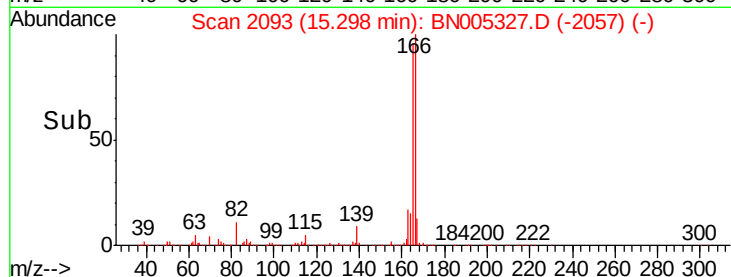
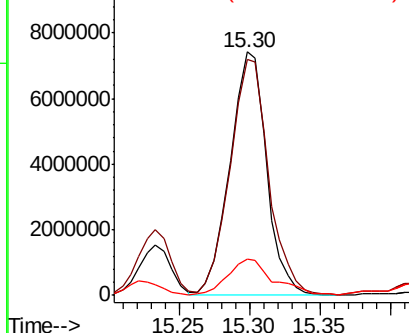
Tot Ion:166 Resp:13340943
 Ion Ratio Lower Upper
 166 100
 165 97.1 80.0 120.0
 167 15.1 10.7 16.1

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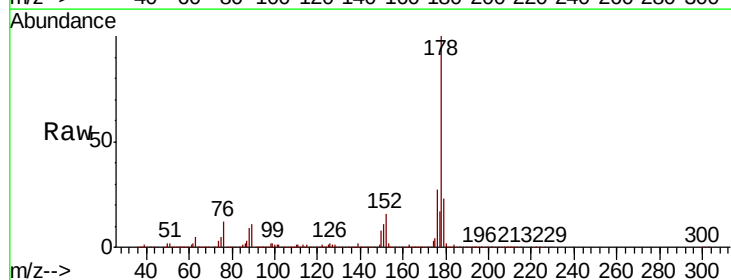


Abundance Ion 166.00 (165.70 to 166.70): E
 1e+07 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

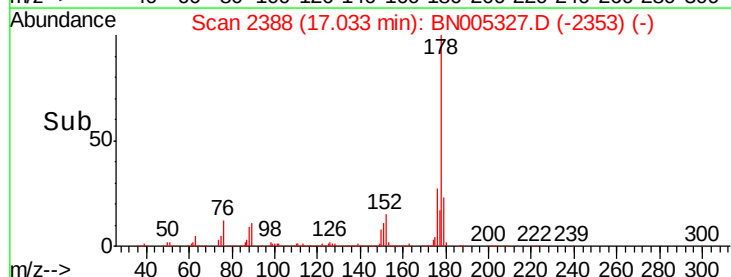
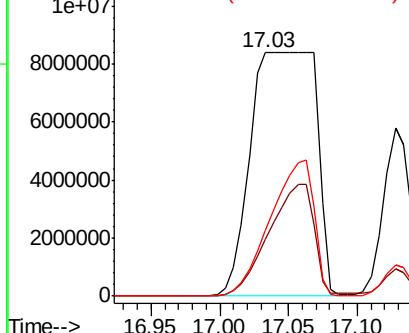


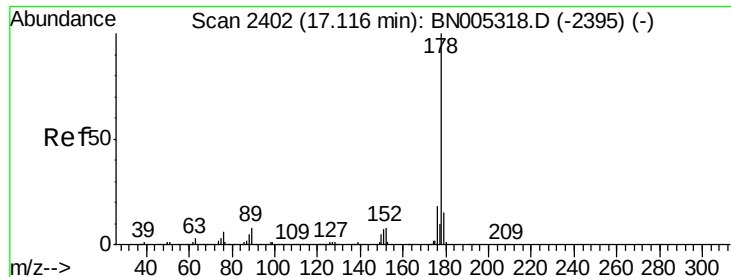
#69
 Phenanthrene
 Concen: 194.891 ng/ul m
 RT: 17.03 min Scan# 2388
 Delta R.T. 0.01 min
 Lab File: BN005327.D
 Acq: 26 Apr 2019 21:38

Tgt Ion:178 Resp:27731857
 Ion Ratio Lower Upper
 178 100
 179 23.1 12.2 18.4#
 176 26.9 15.1 22.7#



Abundance Ion 178.00 (177.70 to 178.70): E
 1e+07 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 52.647 ng/ul

RT: 17.13 min Scan# 2404

Delta R.T. 0.01 min

Lab File: BN005327.D

Acq: 26 Apr 2019 21:38

Instrument :

BNA_N

ClientSampleId :

GAHQ7ME

Tot Ion:178 Resp: 7631422

Ion Ratio Lower Upper

178 100

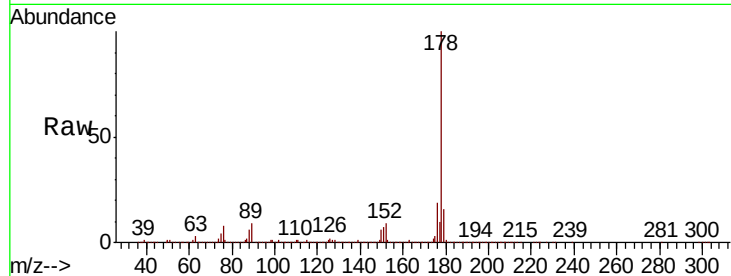
179 16.3 12.3 18.5

176 18.7 15.1 22.7

Manual Integrations
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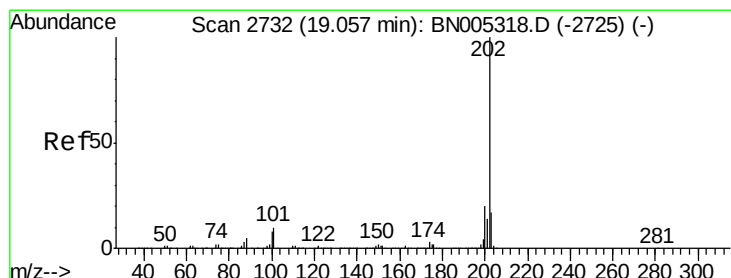
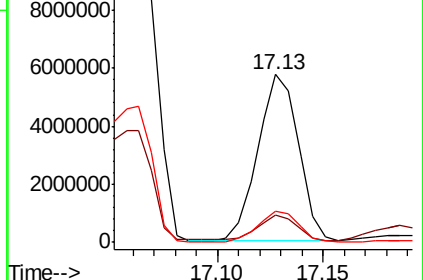
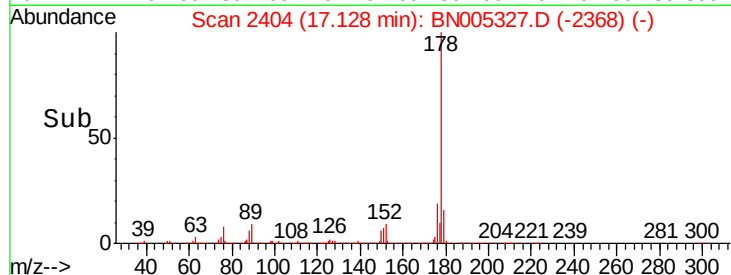
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#76

Fluoranthene

Concen: 89.848 ng/ul m

RT: 19.07 min Scan# 2734

Delta R.T. 0.01 min

Lab File: BN005327.D

Acq: 26 Apr 2019 21:38

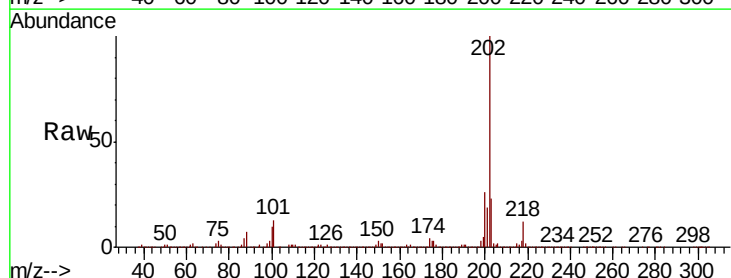
Tgt Ion:202 Resp:14180825

Ion Ratio Lower Upper

202 100

101 12.8 8.6 12.8#

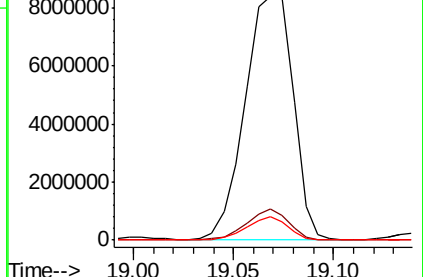
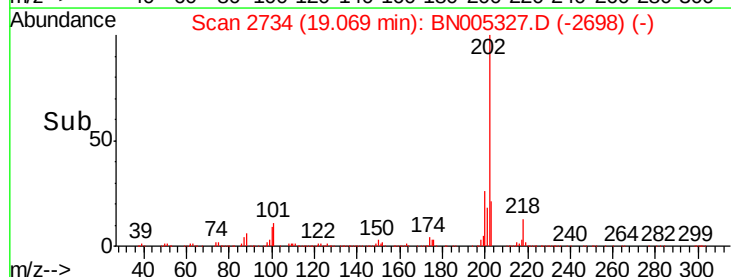
100 9.5 6.3 9.5#

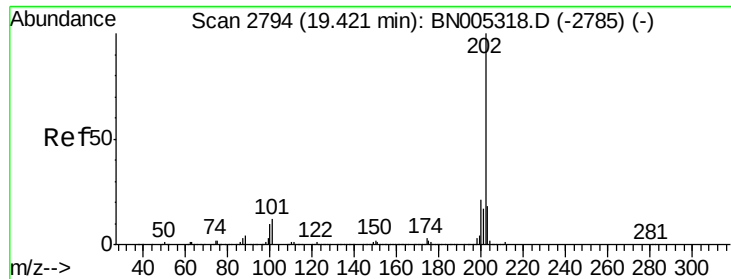


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





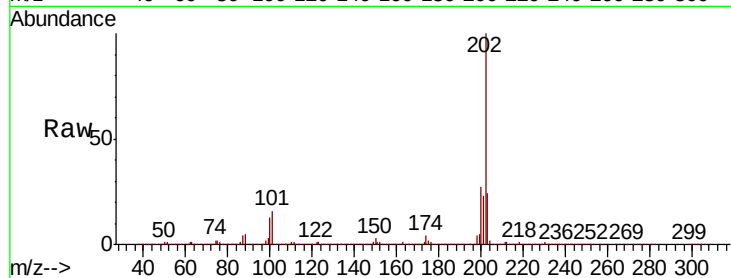
#79
Pvrene
Concen: 106.470 ng/ul m
RT: 19.43 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Instrument :
BNA_N
ClientSampleId :
GAHQ7ME

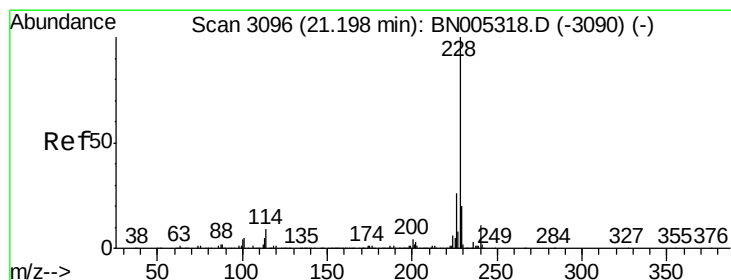
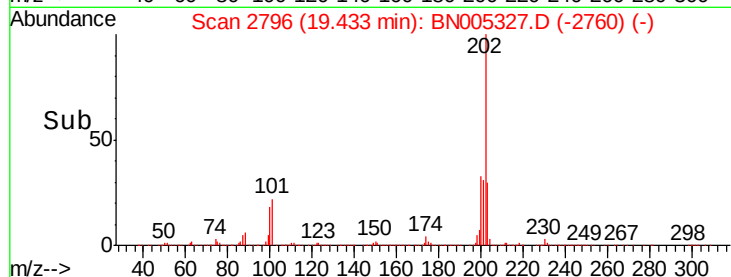
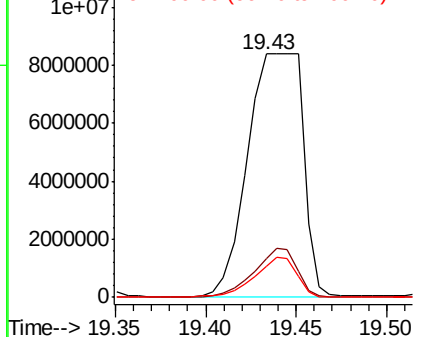
Tot Ion:202 Resp:17841954
Ion Ratio Lower Upper
202 100
101 15.8 10.3 15.5#
100 12.9 7.9 11.9#

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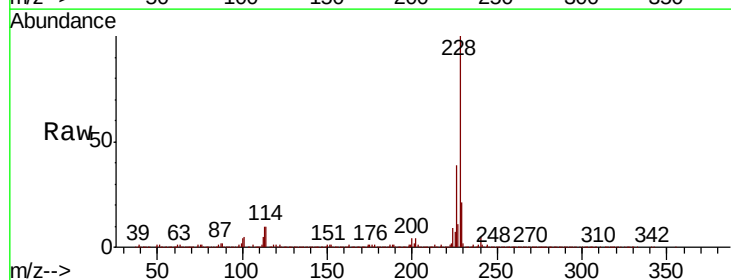


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

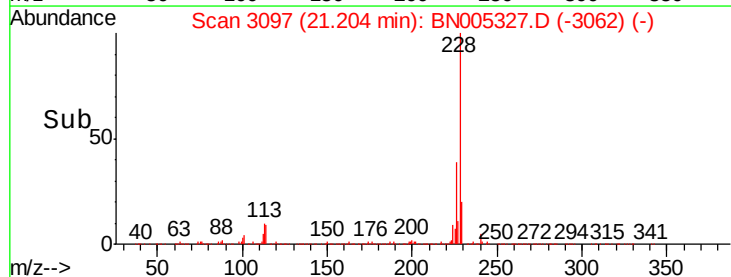
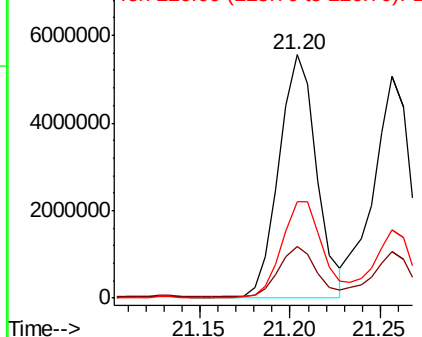


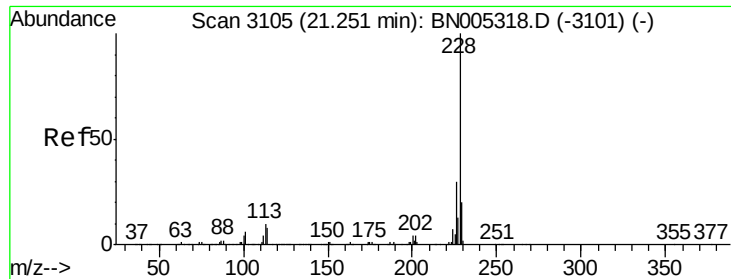
#82
Benzo(a)anthracene
Concen: 50.006 ng/ul m
RT: 21.20 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Tgt Ion:228 Resp: 8096544
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.6
226 39.4 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





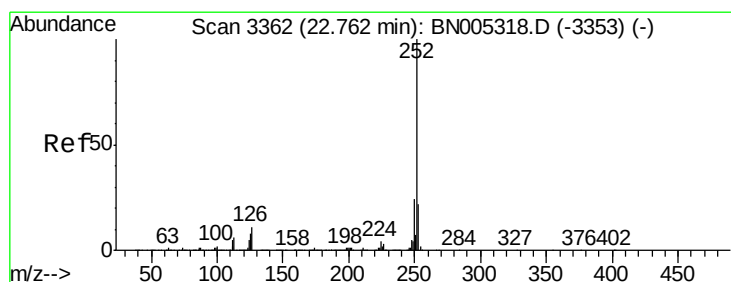
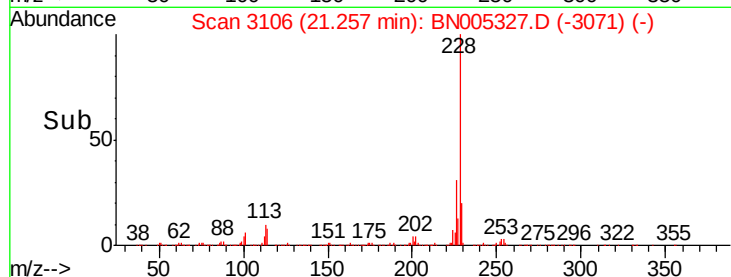
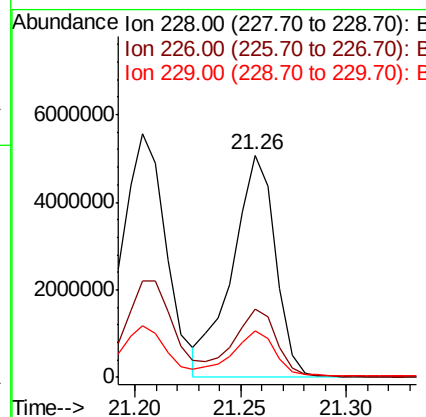
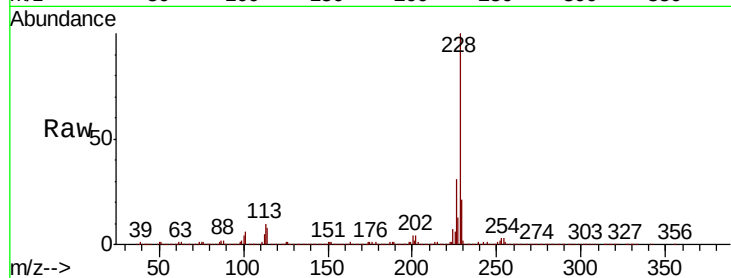
#84
Chrysene
Concen: 47.431 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Instrument :
BNA_N
ClientSampleId :
GAHQ7ME

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	21.0	15.4	23.0

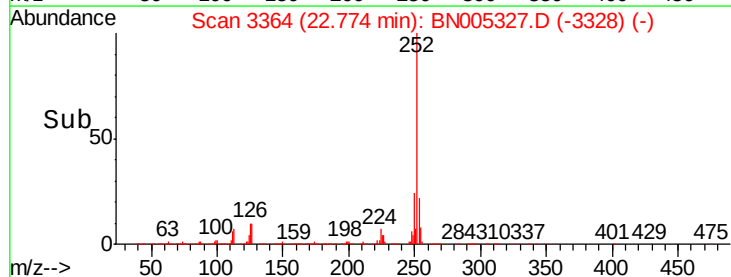
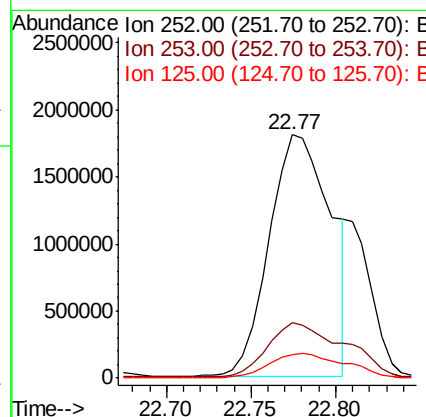
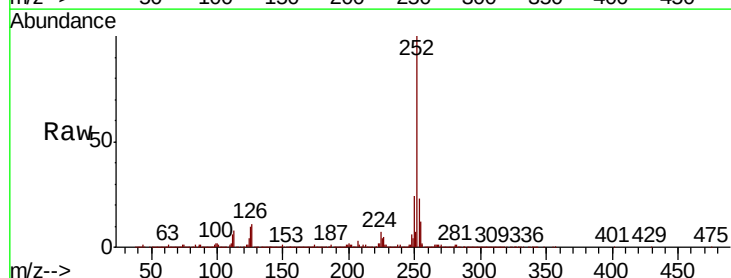
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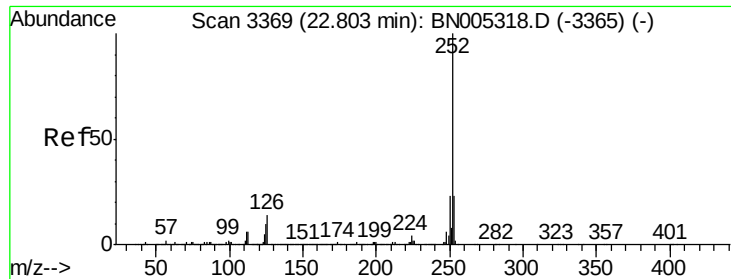
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#87
Benzo(b)fluoranthene
Concen: 31.413 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	9.9	8.4	12.6





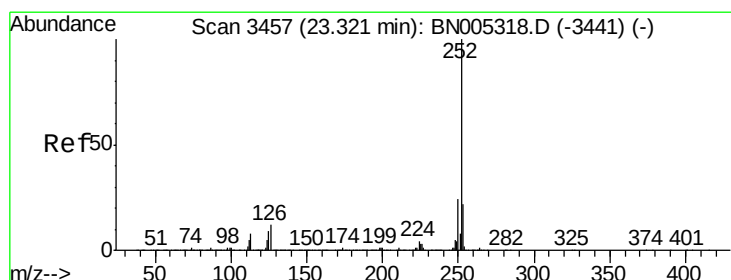
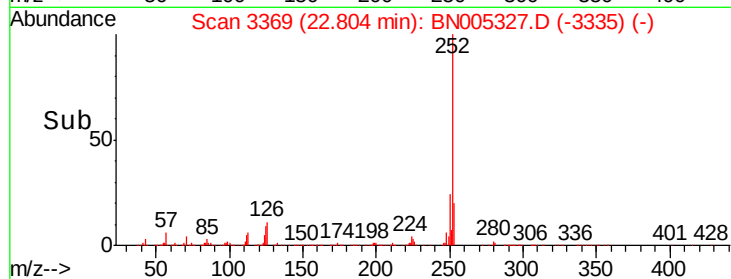
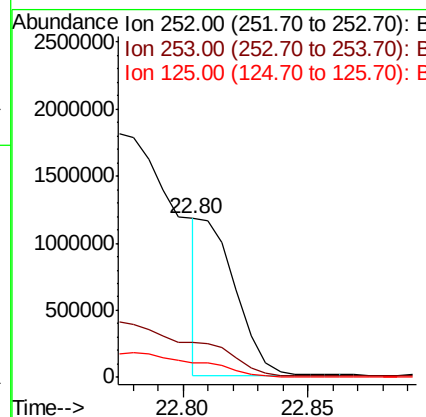
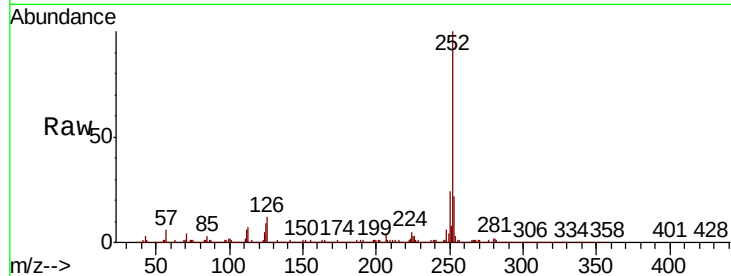
#88
Benzo(k)fluoranthene
Concen: 8.198 ng/ul m
RT: 22.80 min Scan# 3369
Delta R.T. 0.00 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Instrument :
BNA_N
ClientSampleId :
GAHQ7ME

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	9.0	7.5	11.3

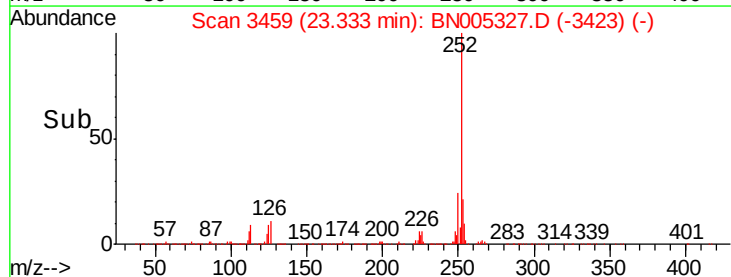
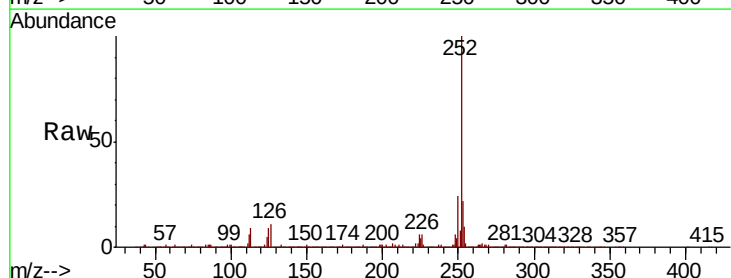
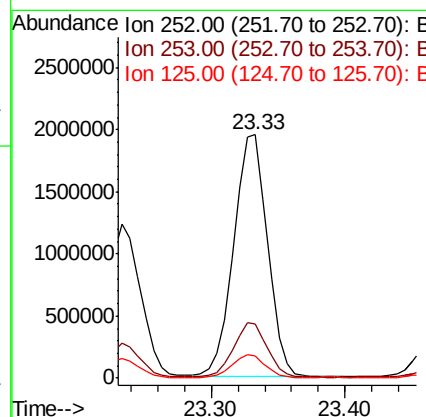
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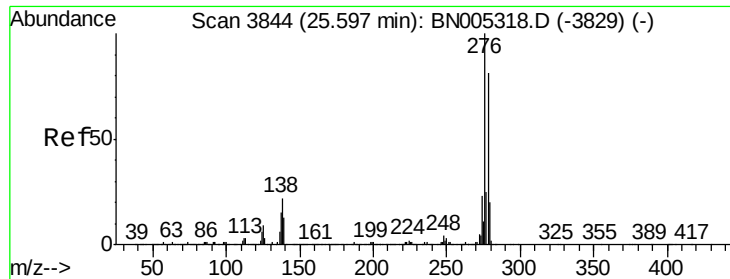
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#90
Benzo(a)pyrene
Concen: 25.083 ng/ul
RT: 23.33 min Scan# 3459
Delta R.T. 0.01 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	9.1	8.6	13.0





#91

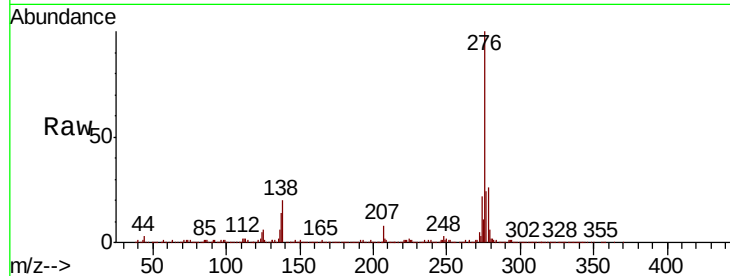
Indeno(1,2,3-cd)pyrene
Concen: 10.858 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. 0.00 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

Instrument :
BNA_N
ClientSampleId :
GAHQ7ME

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	17.9	26.9
277	24.0	19.7	29.5

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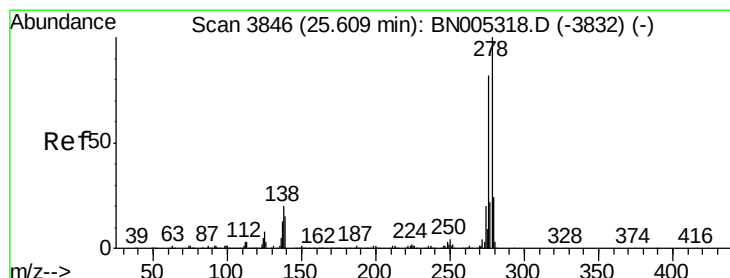
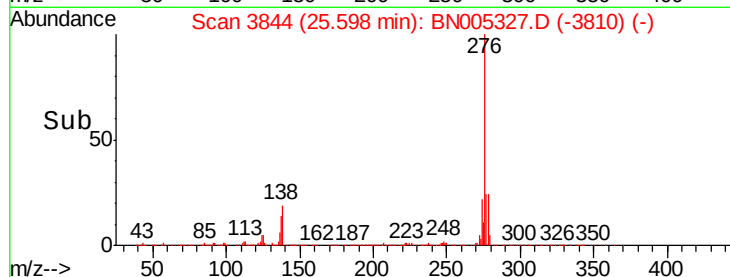
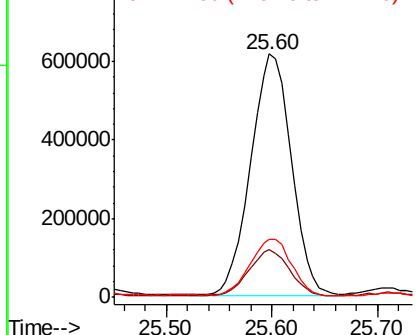


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#92

Dibenzo(a,h)anthracene
Concen: 3.996 ng/ul
RT: 25.61 min Scan# 3846
Delta R.T. 0.00 min
Lab File: BN005327.D
Acq: 26 Apr 2019 21:38

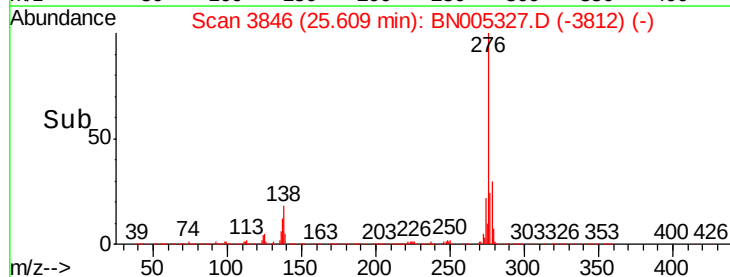
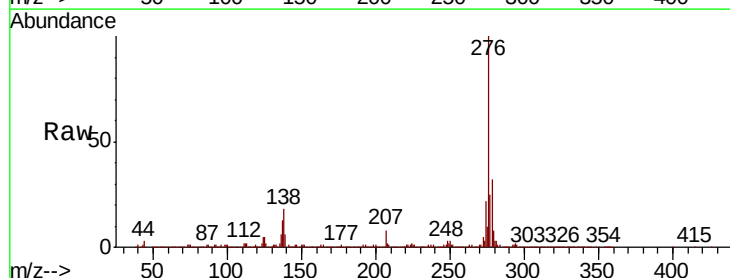
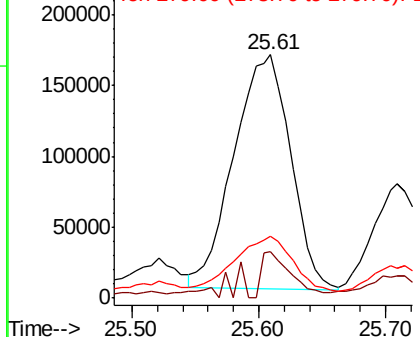
Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	13.1	19.7
279	25.2	19.4	29.0

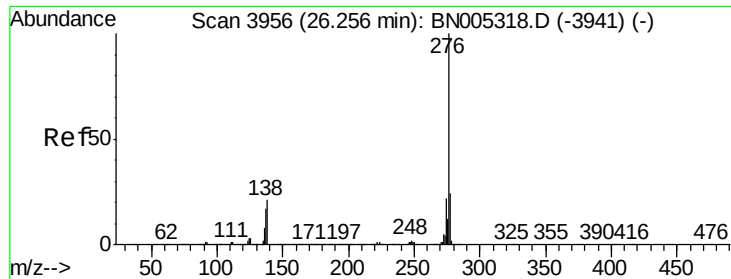
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#93

Benzo(a,h,i)perylene

Concen: 11.410 ng/ul

RT: 26.26 min Scan# 3957

Delta R.T. 0.01 min

Lab File: BN005327.D

Acq: 26 Apr 2019 21:38

Instrument :

BNA_N

ClientSampleId :

GAHQ7ME

Tot Ion: 276 Resp: 1424988

Ion Ratio Lower Upper

276 100

138 19.1 16.7 25.1

277 23.7 18.2 27.2

Manual Integrations

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