

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
 Data File : BN007686.D
 Acq On : 17 Sep 2019 04:14
 Operator : HP/JU
 Sample : K4633-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F2D06

Manual Integrations
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Quant Time: Sep 17 15:00:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 16 18:09:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	700995	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	3017102	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1968215	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	4011289	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	3646136	20.00	ng/ul	0.01
85) Perylene-d12	23.52	264	4503325m	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	67526	3.66	ng/uL	0.00
5) Phenol-d5	6.88	99	1680944	25.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	913394	24.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	1283707	27.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	1311102	25.77	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	631762	28.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	652077	31.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	1338641	27.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	814060	12.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	4091187	26.12	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	4821105	26.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	516585	18.54	ng/ul	0.00
57) Fluorene-d10	15.33	176	3599724	26.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	137226	6.34	ng/ul	0.00
70) Anthracene-d10	17.17	188	5298312	26.53	ng/ul	0.00
78) Pyrene-d10	19.47	212	5774928	29.41	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.38	264	6154596	26.27	ng/ul	0.03

Target Compounds

					Ovalue	
6) Phenol	6.90	94	312808	4.313	ng/ul	99
28) Naphthalene	10.52	128	601580	3.536	ng/ul	98
34) 2-Methylnaphthalene	12.14	142	241818	1.968	ng/ul	98
44) Dimethylphthalate	13.79	163	1723392	10.795	ng/ul	99
49) Acenaphthene	14.39	153	1706193	12.837	ng/ul	98
53) Dibenzofuran	14.73	168	868162	4.503	ng/ul	100
58) Fluorene	15.38	166	922871	5.949	ng/ul	98
69) Phenanthrene	17.12	178	18116569m	76.159	ng/ul	
71) Anthracene	17.21	178	4960313	20.833	ng/ul	100
74) Carbazole	17.47	167	4783679	23.754	ng/ul	99
76) Fluoranthene	19.13	202	22501101m	86.230	ng/ul	
79) Pyrene	19.50	202	23289388m	95.924	ng/ul	
82) Benzo(a)anthracene	21.25	228	21530679m	82.871	ng/ul	
83) Bis(2-ethylhexyl)phthalate	21.21	149	160748	1.131	ng/ul#	96
84) Chrysene	21.30	228	23278022m	96.299	ng/ul	
87) Benzo(b)fluoranthene	22.84	252	36158322m	124.157	ng/ul	
88) Benzo(k)fluoranthene	22.90	252	9293490m	32.838	ng/ul	
90) Benzo(a)pyrene	23.42	252	26567342m	94.358	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.78	276	30260727m	91.477	ng/ul	
92) Dibenz(a,h)anthracene	25.78	278	9830510m	35.628	ng/ul	
93) Benzo(a,h,i)perylene	26.47	276	28975323m	106.845	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

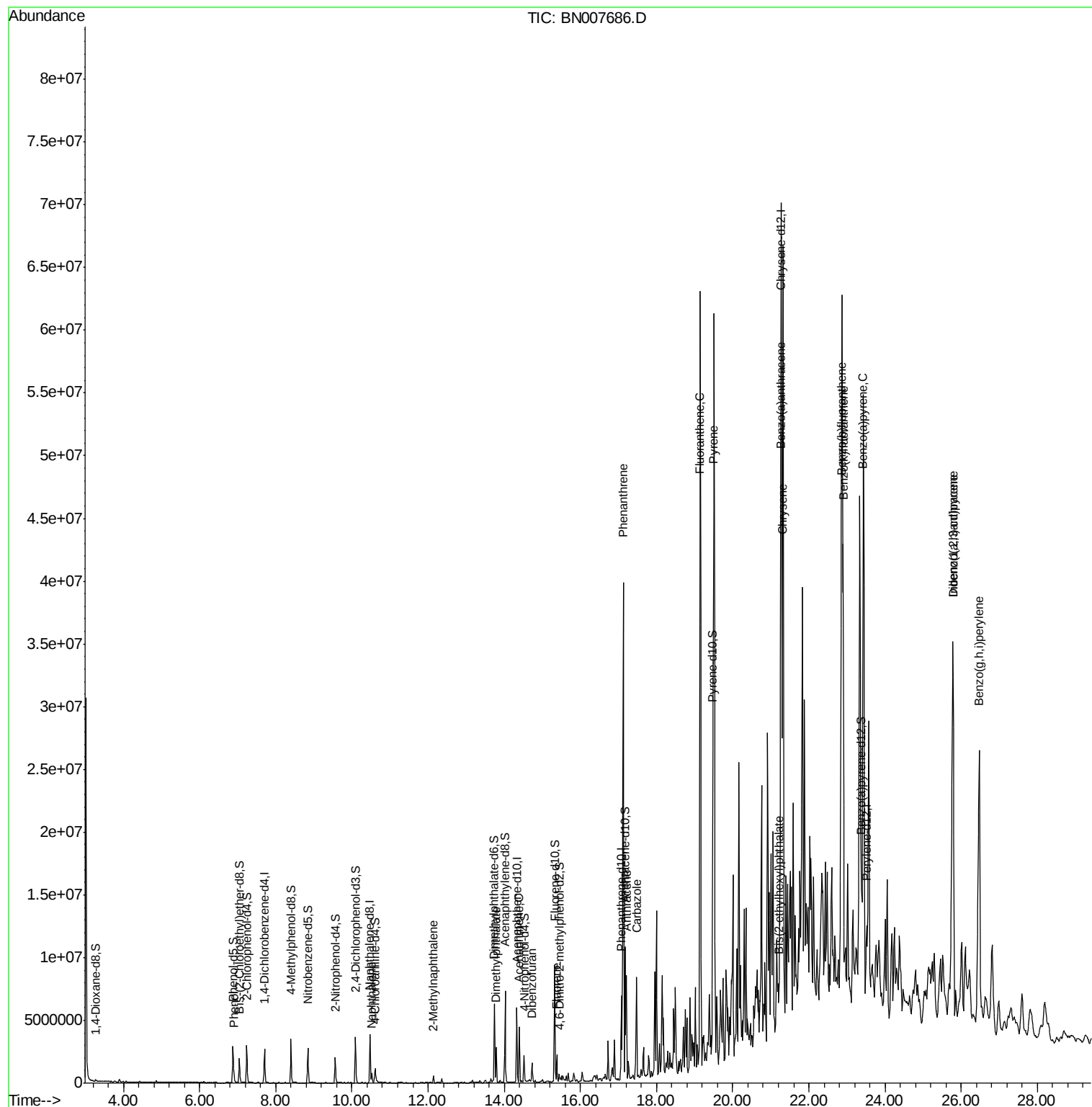
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091619\
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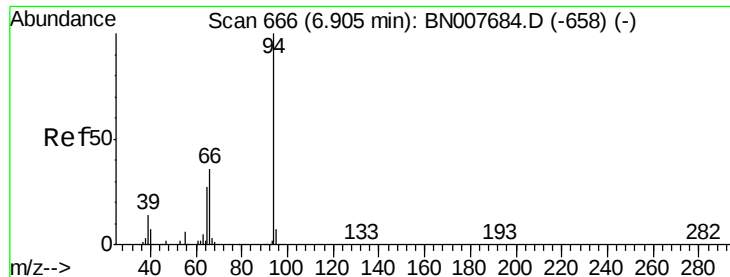
Instrument :
BNA_N
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#6

Phenol

Concen: 4.313 ng/ul

RT: 6.90 min Scan# 666

Delta R.T. -0.00 min

Lab File: BN007686.D

Acq: 17 Sep 2019 04:14

Instrument :

BNA_N

ClientSampled :

F2D06

Tot Ion: 94 Resp: 312808

Ion Ratio Lower Upper

94 100

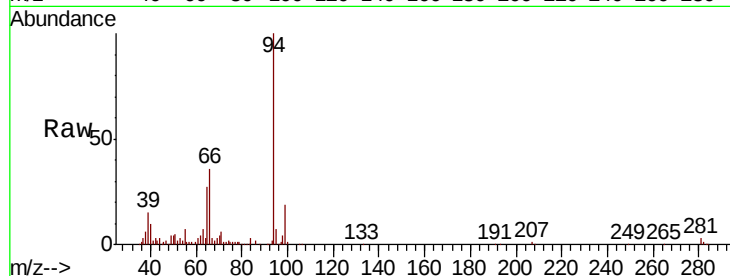
65 27.2 20.7 31.1

66 35.8 28.6 42.8

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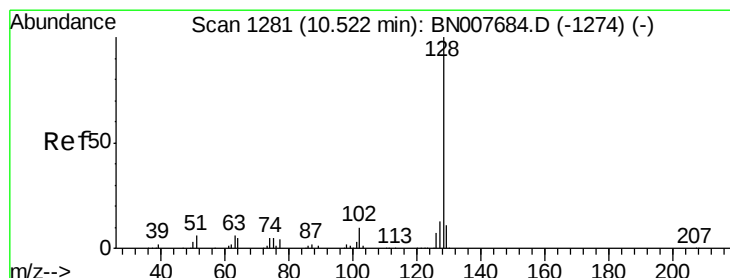
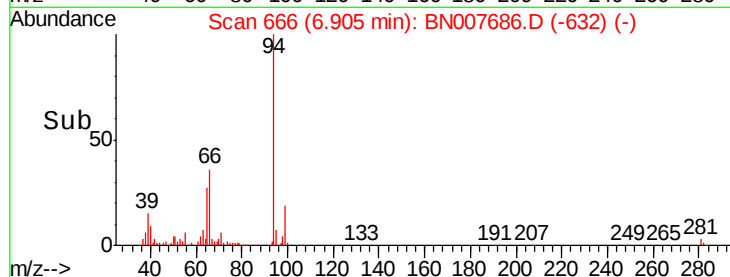
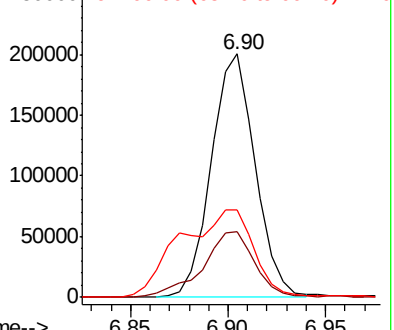


Abundance

Ion 94.00 (93.70 to 94.70): BN007684.D (-658) (-)

Ion 65.00 (64.70 to 65.70): BN007684.D (-658) (-)

Ion 66.00 (65.70 to 66.70): BN007684.D (-658) (-)



#28

Naphthalene

Concen: 3.536 ng/ul

RT: 10.52 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BN007686.D

Acq: 17 Sep 2019 04:14

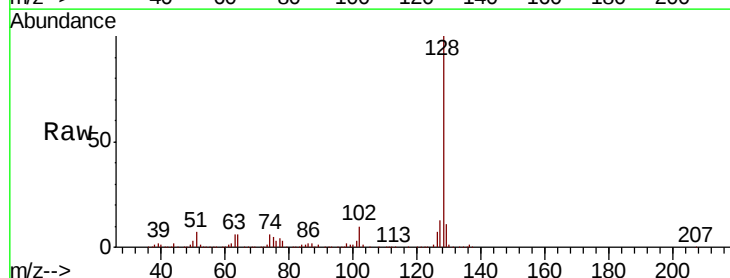
Tgt Ion: 128 Resp: 601580

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

127 12.9 11.0 16.4

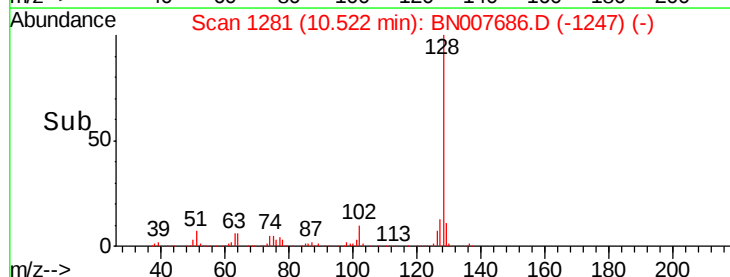
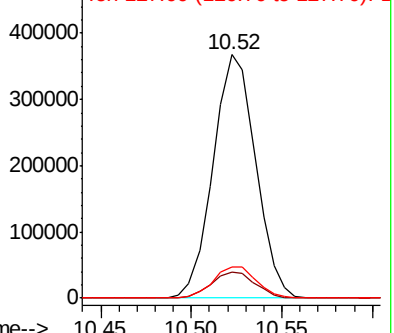


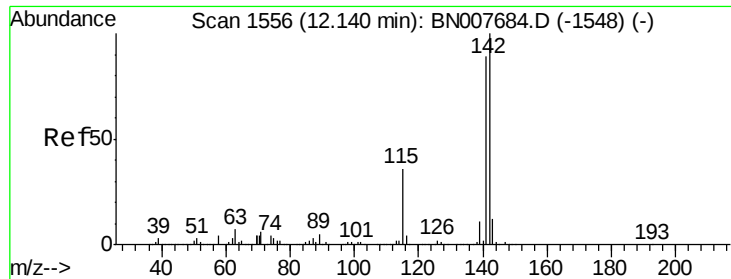
Abundance

Ion 128.00 (127.70 to 128.70): BN007684.D (-1274) (-)

Ion 129.00 (128.70 to 129.70): BN007684.D (-1274) (-)

Ion 127.00 (126.70 to 127.70): BN007684.D (-1274) (-)





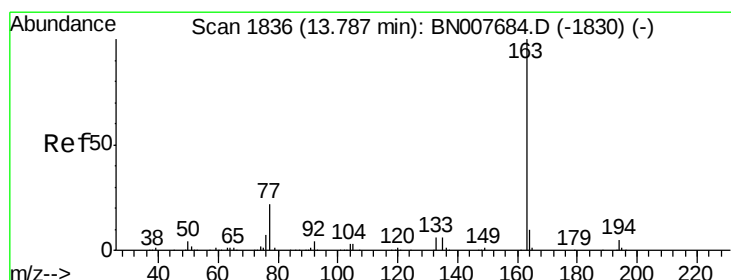
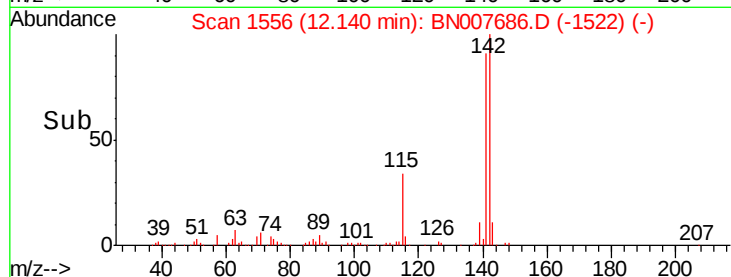
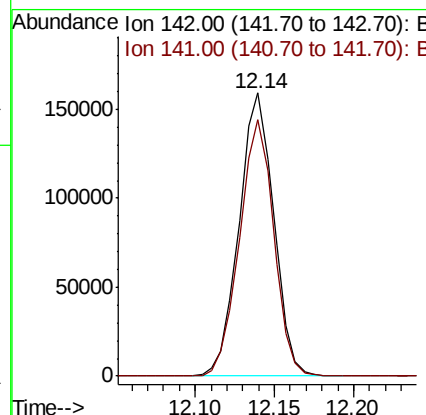
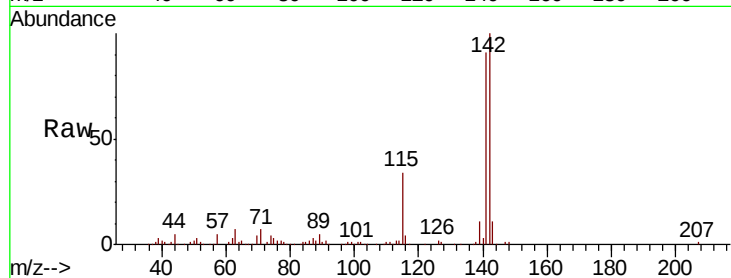
#34
2-Methylnaphthalene
Concen: 1.968 ng/ul
RT: 12.14 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BN007686.D
Acq: 17 Sep 2019 04:14

Instrument :
BNA_N
ClientSampleId :
F2D06

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.2	106.8

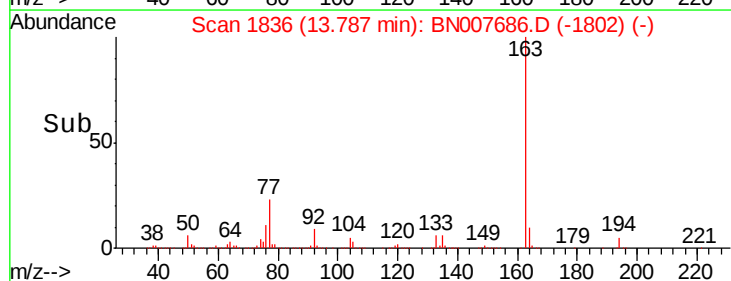
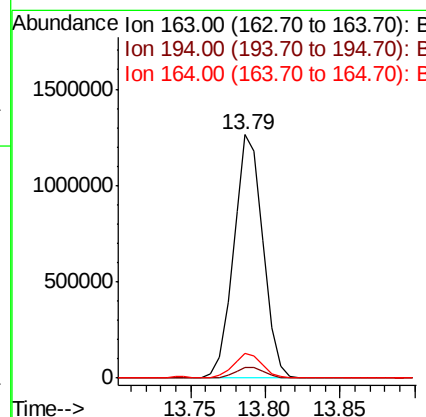
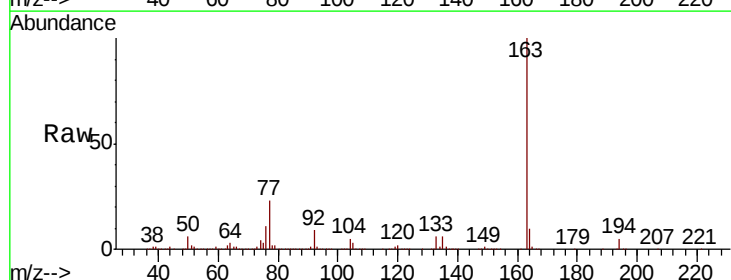
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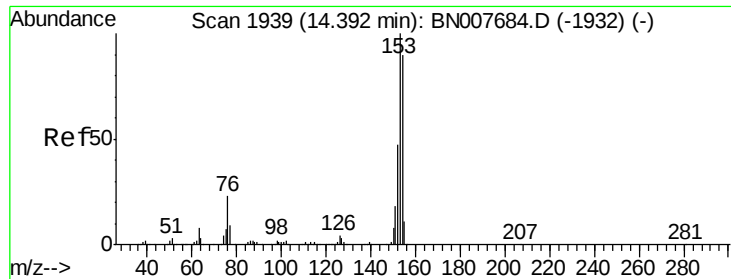
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#44
Dimethylphthalate
Concen: 10.795 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BN007686.D
Acq: 17 Sep 2019 04:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.3	8.4	12.6





#49

Acenaphthene

Concen: 12.837 ng/ul

RT: 14.39 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BN007686.D

Acq: 17 Sep 2019 04:14

Instrument :

BNA_N

ClientSampleId :

F2D06

Tot Ion:153 Resp: 1706193

Ion Ratio Lower Upper

153 100

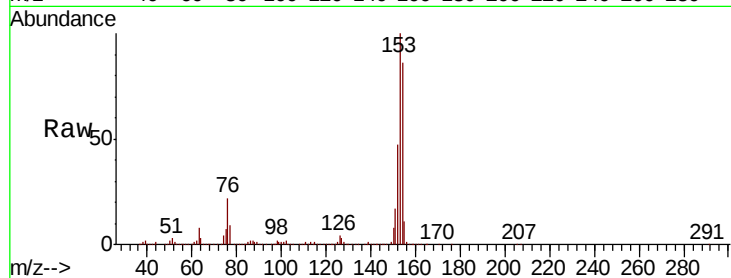
152 46.7 37.8 56.8

154 86.1 70.3 105.5

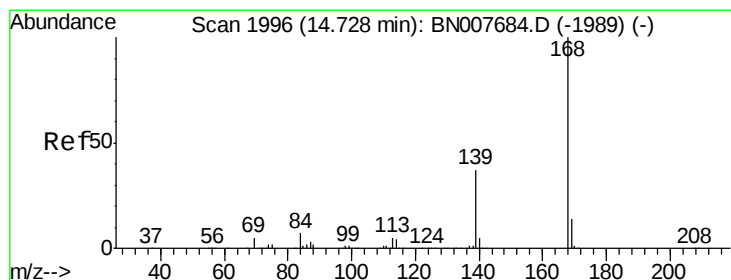
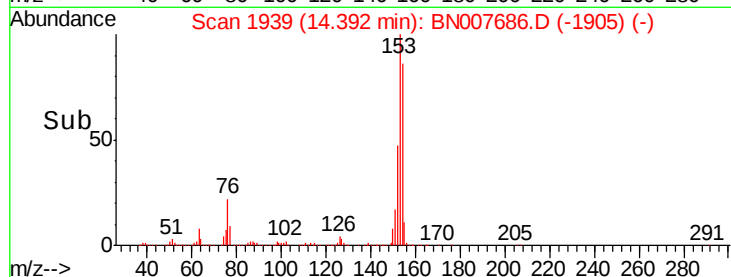
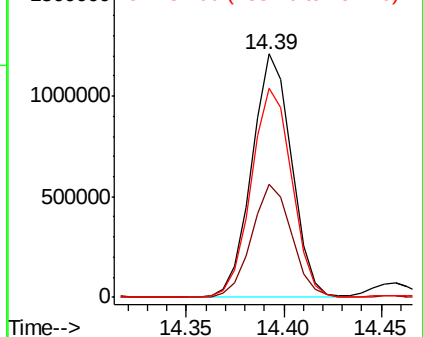
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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 4.503 ng/ul

RT: 14.73 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BN007686.D

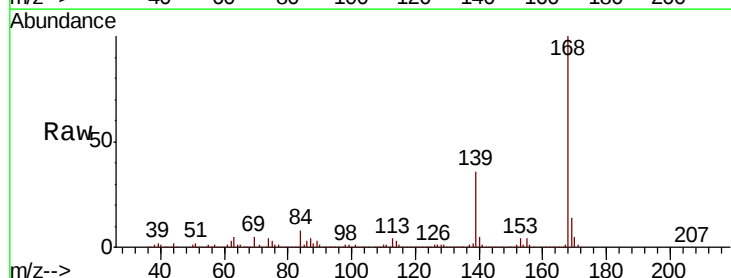
Acq: 17 Sep 2019 04:14

Tgt Ion:168 Resp: 868162

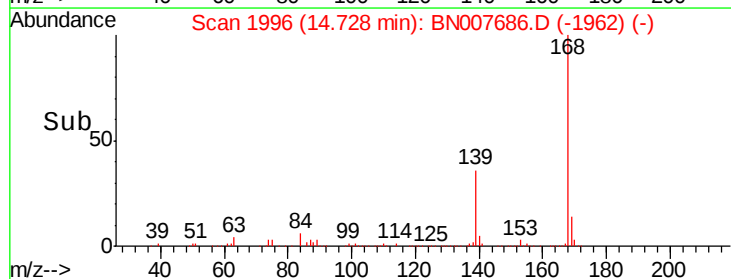
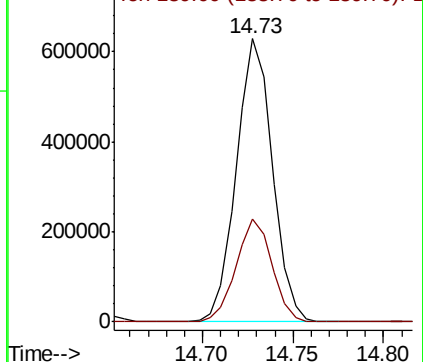
Ion Ratio Lower Upper

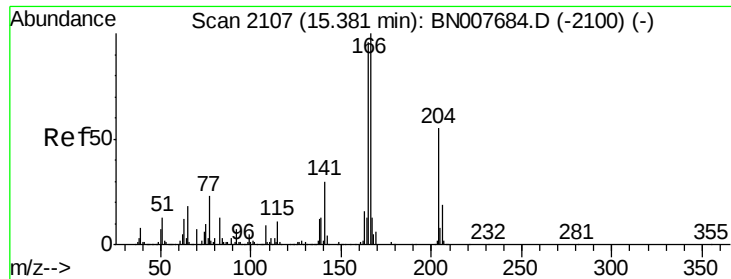
168 100

139 36.2 29.1 43.7



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





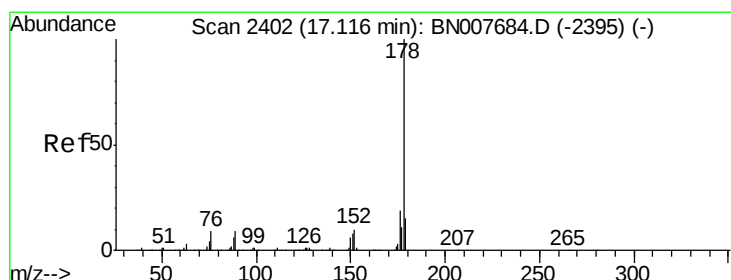
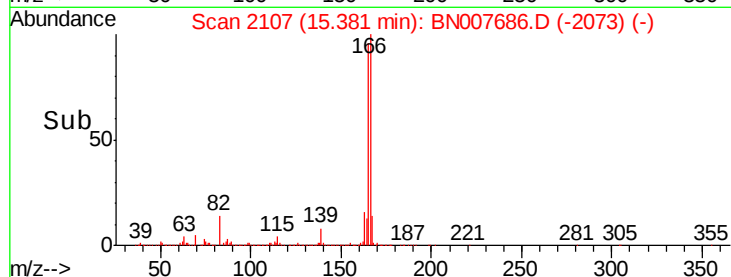
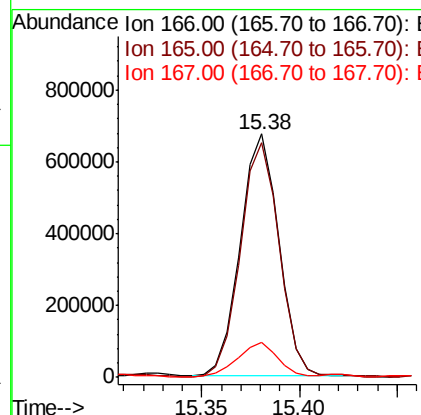
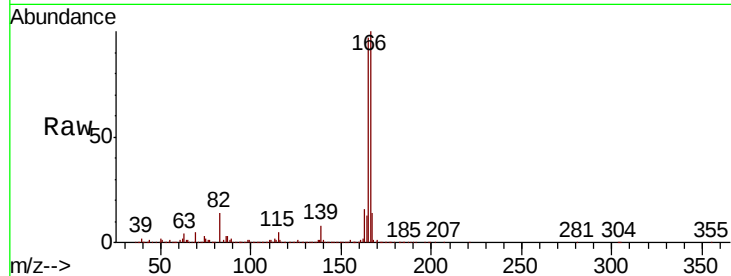
#58
 Fluorene
 Concen: 5.949 ng/ul
 RT: 15.38 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BN007686.D
 Acq: 17 Sep 2019 04:14

Instrument :
 BNA_N
 ClientSampleId :
 F2D06

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.6	118.0
167	14.1	10.8	16.2

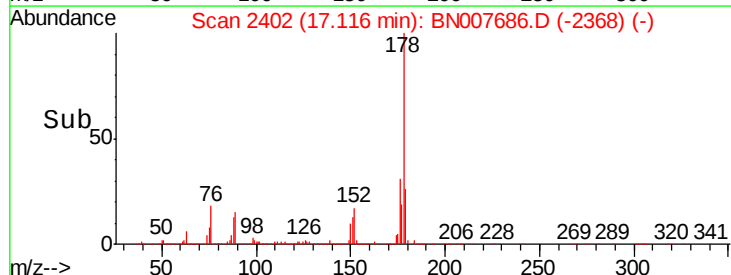
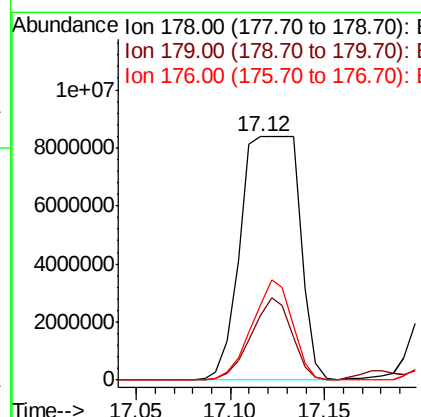
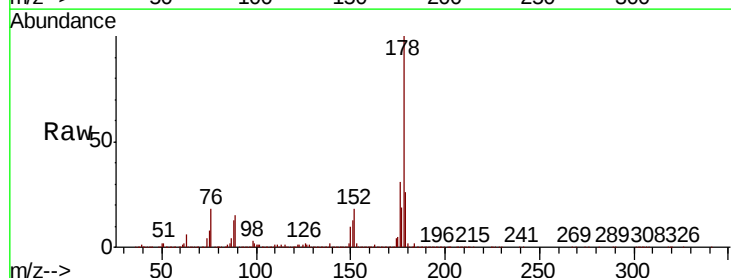
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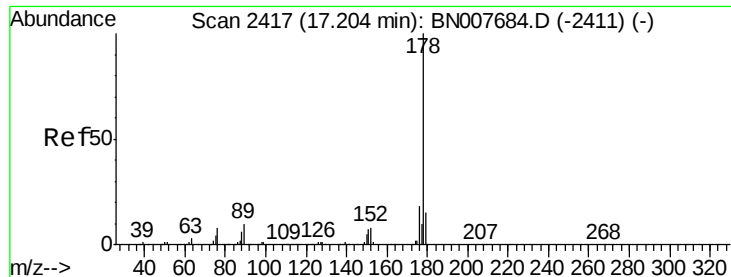
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#69
 Phenanthrene
 Concen: 76.159 ng/ul m
 RT: 17.12 min Scan# 2402
 Delta R.T. -0.00 min
 Lab File: BN007686.D
 Acq: 17 Sep 2019 04:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	26.5	11.9	17.9#
176	30.7	15.2	22.8#





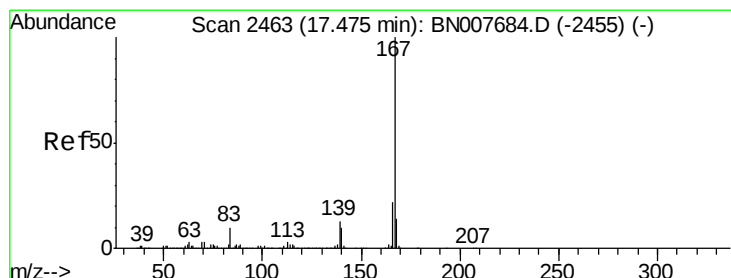
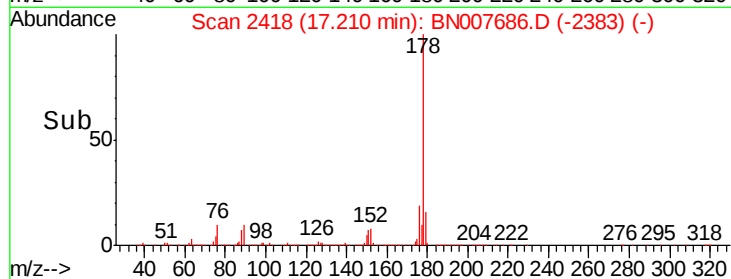
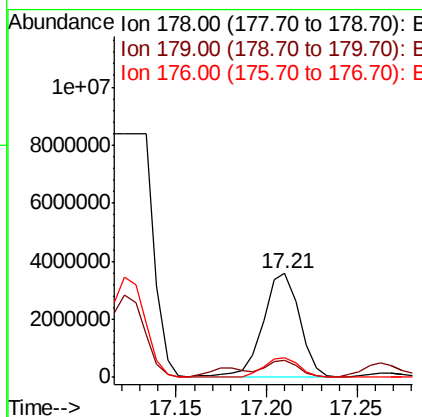
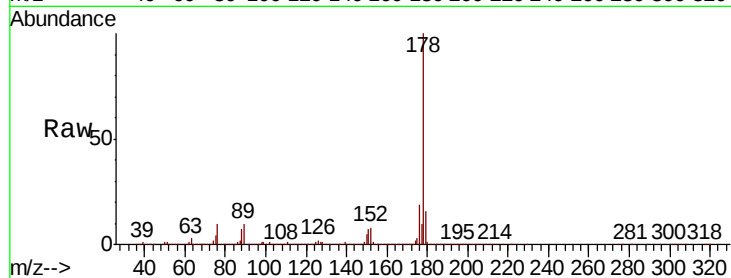
#71
 Anthracene
 Concen: 20.833 ng/ul
 RT: 17.21 min Scan# 2418
 Delta R.T. 0.01 min
 Lab File: BN007686.D
 Acq: 17 Sep 2019 04:14

Instrument :
 BNA_N
 ClientSampled :
 F2D06

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.7	19.1
176	18.8	15.1	22.7

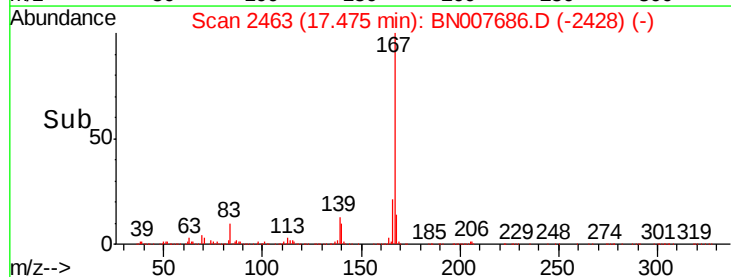
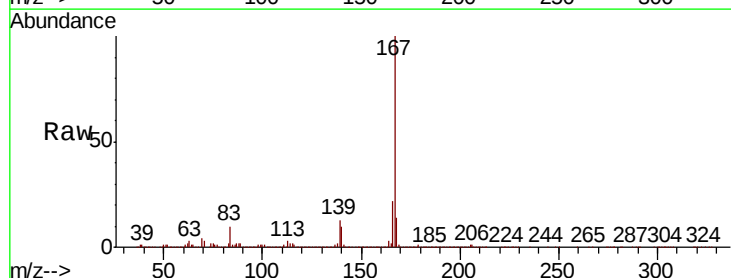
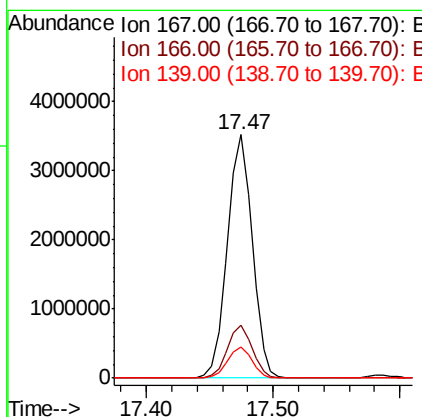
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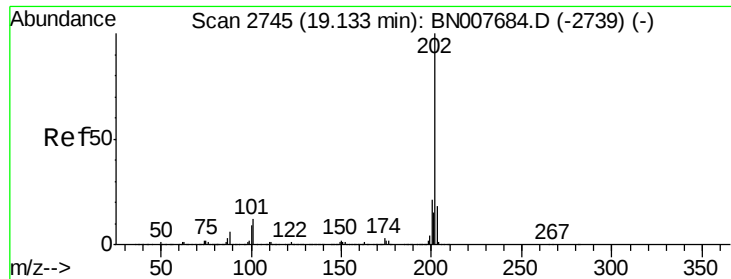
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#74
 Carbazole
 Concen: 23.754 ng/ul
 RT: 17.47 min Scan# 2463
 Delta R.T. 0.01 min
 Lab File: BN007686.D
 Acq: 17 Sep 2019 04:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.4
139	12.7	10.1	15.1





#76

Fluoranthene

Concen: 86.230 ng/ul m

RT: 19.13 min Scan# 2745

Delta R.T. -0.00 min

Lab File: BN007686.D

Acq: 17 Sep 2019 04:14

Instrument :

BNA_N

ClientSampleId :

F2D06

Tot Ion:202 Resp:22501101

Ion Ratio Lower Upper

202 100

101 18.6 9.4 14.2#

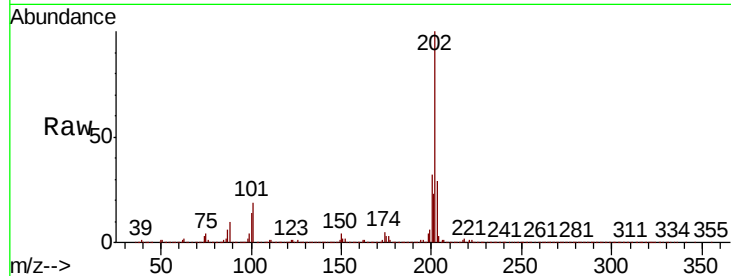
100 14.4 7.1 10.7#

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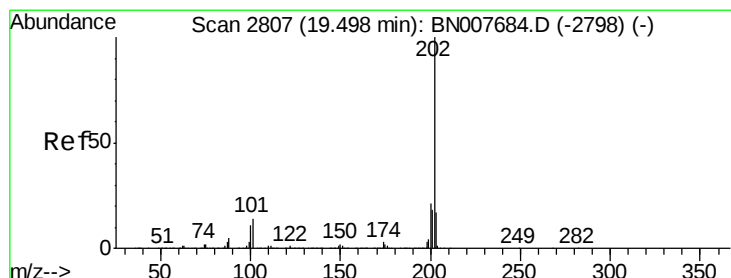
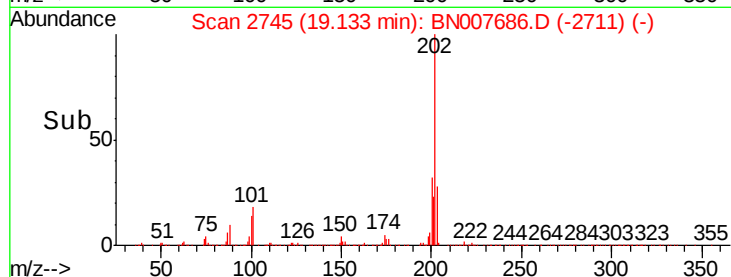
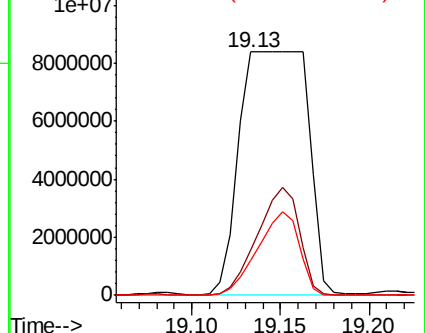
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 95.924 ng/ul m

RT: 19.50 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BN007686.D

Acq: 17 Sep 2019 04:14

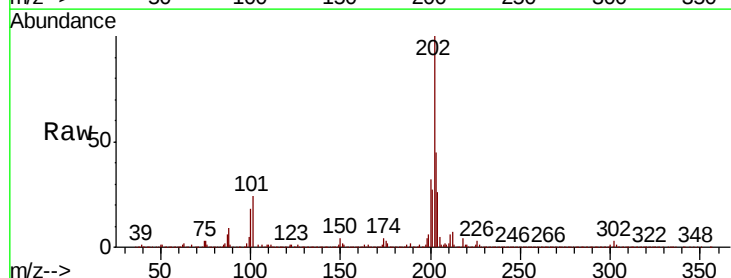
Tgt Ion:202 Resp:23289388

Ion Ratio Lower Upper

202 100

101 24.0 11.2 16.8#

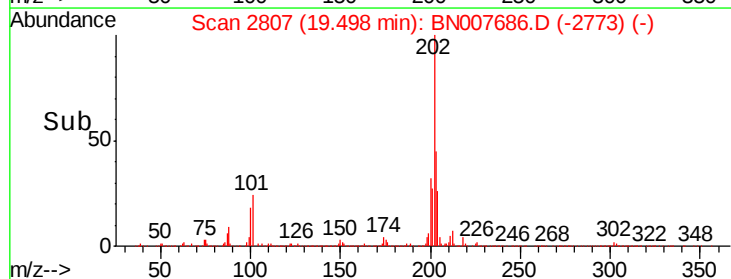
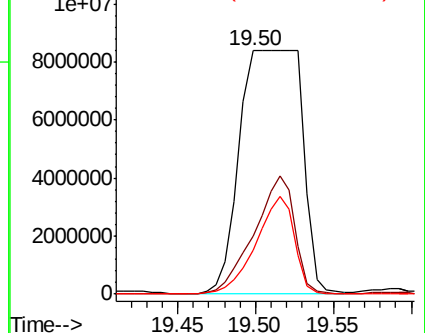
100 18.1 9.4 14.0#

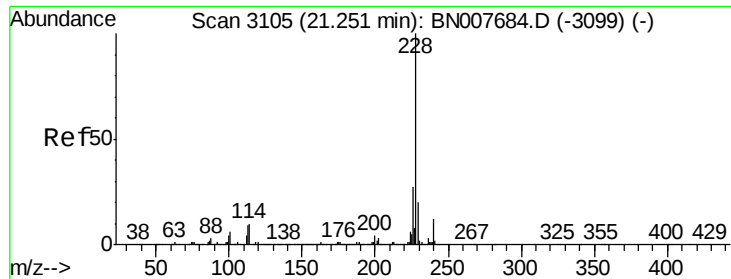


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 82.871 ng/ul m

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN007686.D

Acq: 17 Sep 2019 04:14

Instrument :

BNA_N

ClientSampled :

F2D06

Tot Ion:228 Resp:21530679

Ion Ratio Lower Upper

228 100

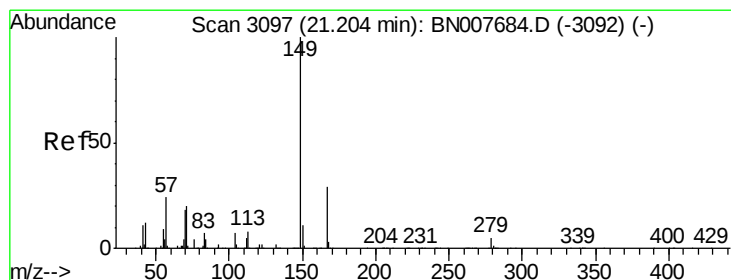
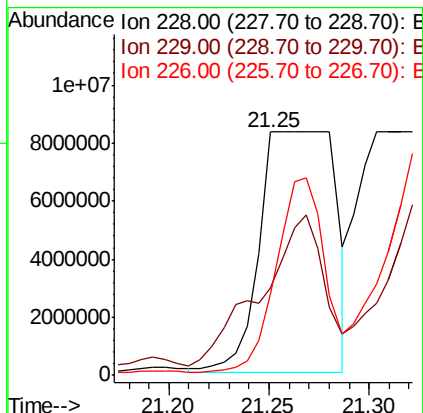
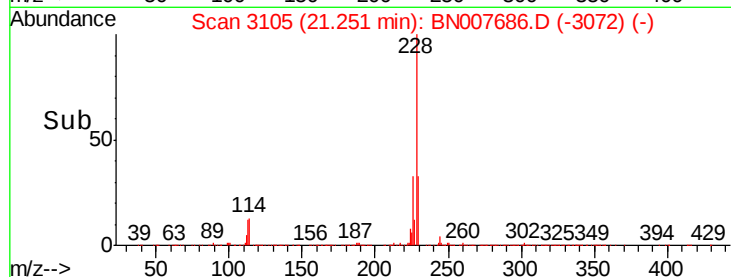
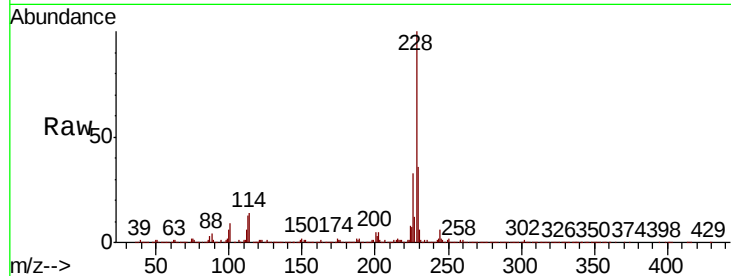
229 35.9 15.7 23.5#

226 33.5 20.9 31.3#

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#83

Bis(2-ethylhexyl)phthalate

Concen: 1.131 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. 0.01 min

Lab File: BN007686.D

Acq: 17 Sep 2019 04:14

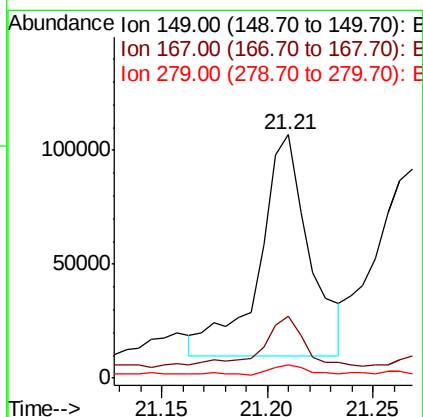
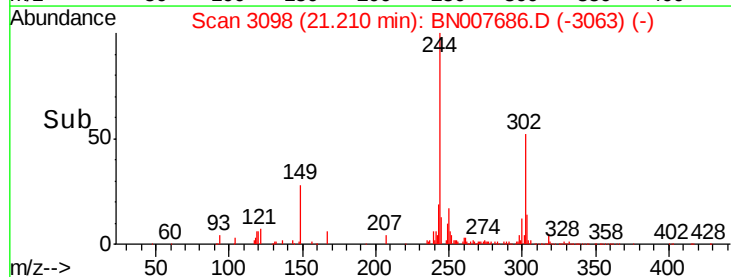
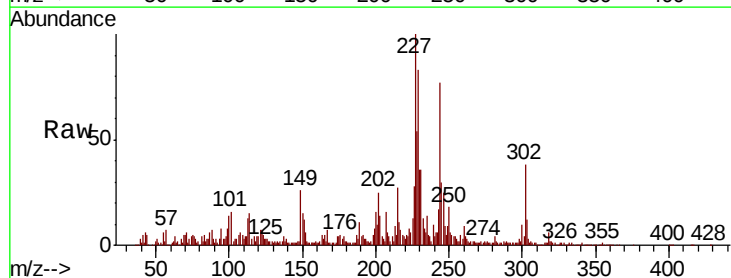
Tgt Ion:149 Resp: 160748

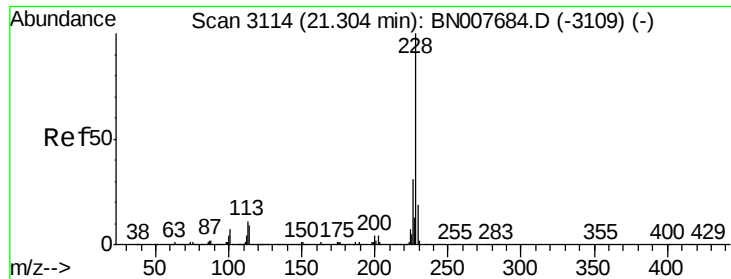
Ion Ratio Lower Upper

149 100

167 25.3 21.8 32.6

279 5.3 3.4 5.0#





#84

Chrysene

Concen: 96.299 ng/ul m

RT: 21.30 min Scan# 3114

Delta R.T. -0.00 min

Lab File: BN007686.D

Acq: 17 Sep 2019 04:14

Instrument :

BNA_N

ClientSampleId :

F2D06

Tot Ion:228 Resp:23278022

Ion Ratio Lower Upper

228 100

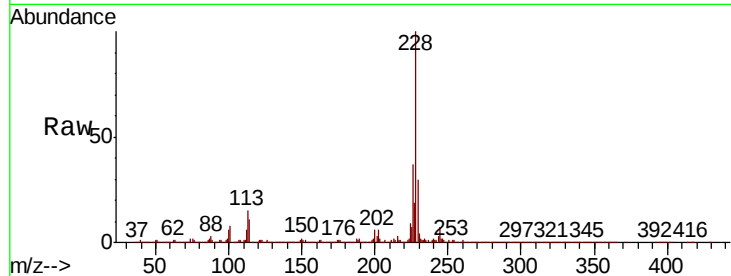
226 37.4 24.2 36.4#

229 29.6 15.5 23.3#

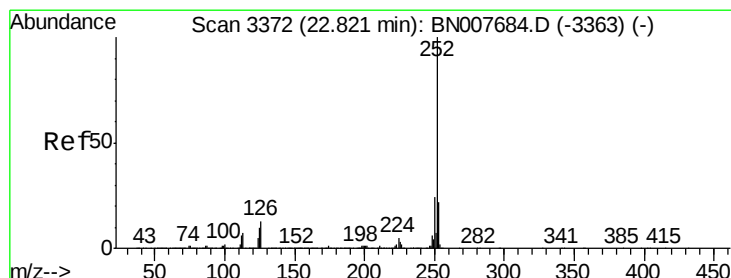
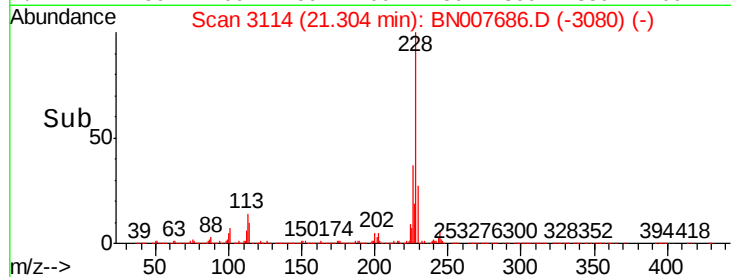
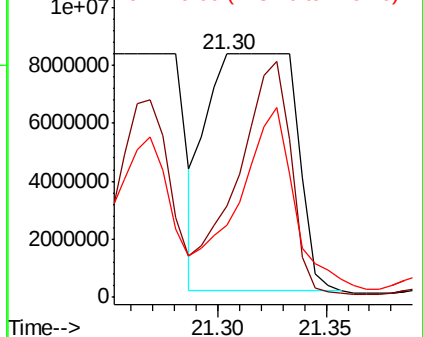
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 124.157 ng/ul m

RT: 22.84 min Scan# 3376

Delta R.T. 0.02 min

Lab File: BN007686.D

Acq: 17 Sep 2019 04:14

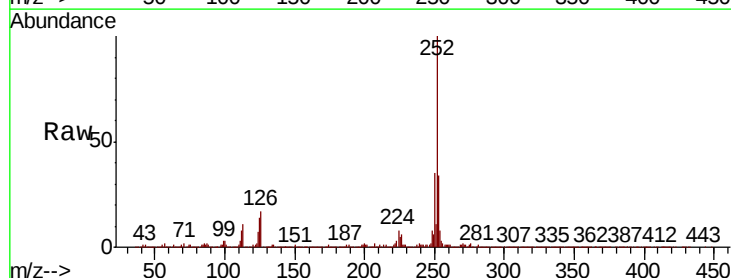
Tgt Ion:252 Resp:36158322

Ion Ratio Lower Upper

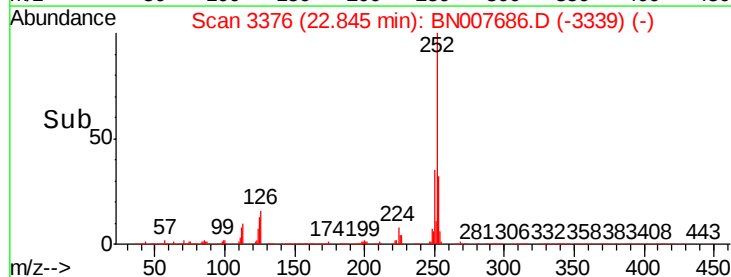
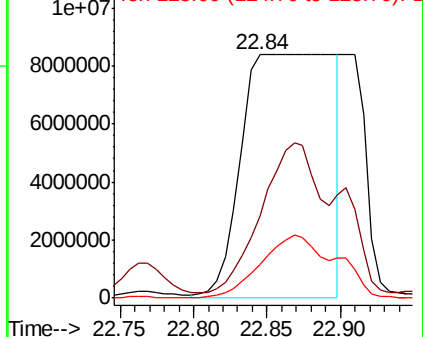
252 100

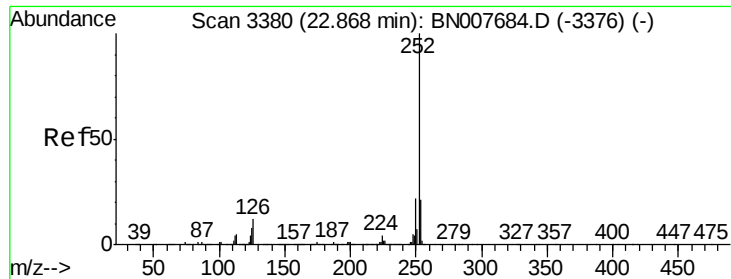
253 33.9 17.6 26.4#

125 13.7 8.0 12.0#



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





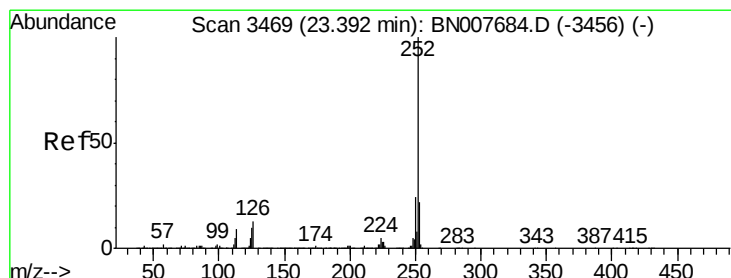
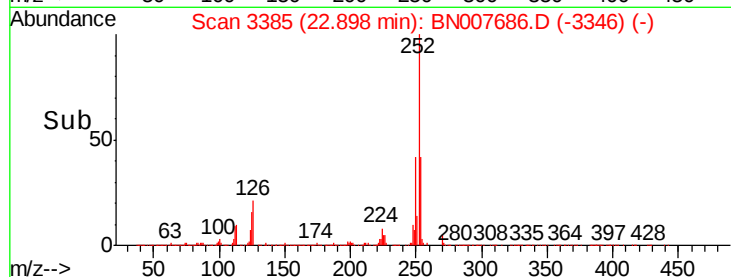
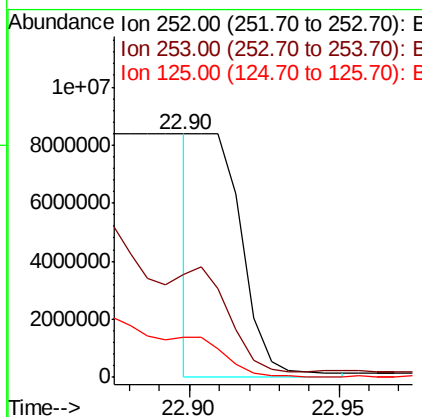
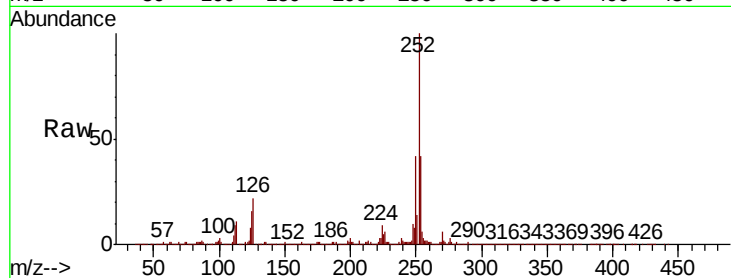
#88
Benzo(k)fluoranthene
Concen: 32.838 ng/ul m
RT: 22.90 min Scan# 3385
Delta R.T. 0.03 min
Lab File: BN007686.D
Acq: 17 Sep 2019 04:14

Instrument :
BNA_N
ClientSampled :
F2D06

Tot Ion:252 Resp: 9293490
Ion Ratio Lower Upper
252 100
253 42.3 17.7 26.5#
125 16.5 8.2 12.4#

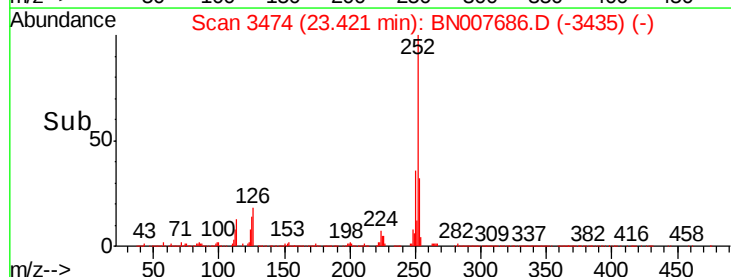
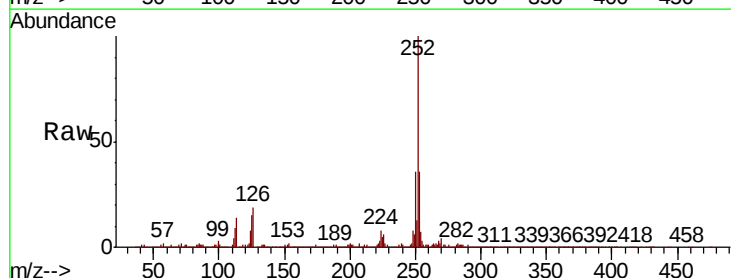
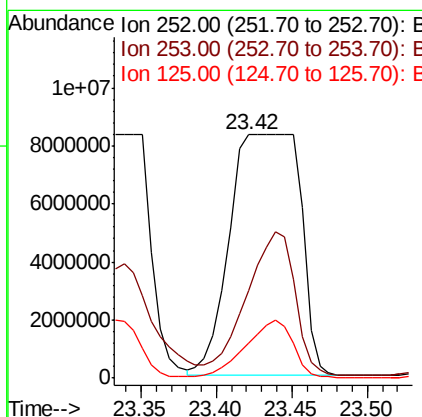
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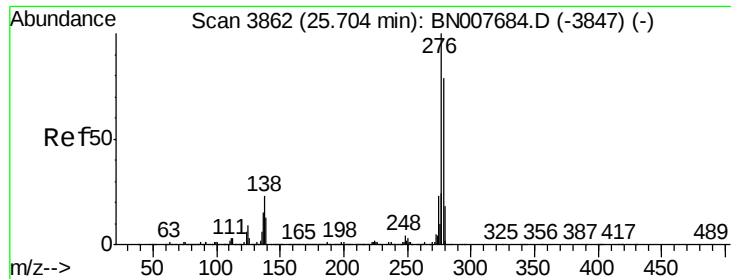
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#90
Benzo(a)pyrene
Concen: 94.358 ng/ul m
RT: 23.42 min Scan# 3474
Delta R.T. 0.03 min
Lab File: BN007686.D
Acq: 17 Sep 2019 04:14

Tgt Ion:252 Resp:26567342
Ion Ratio Lower Upper
252 100
253 36.1 17.8 26.8#
125 14.5 9.2 13.8#





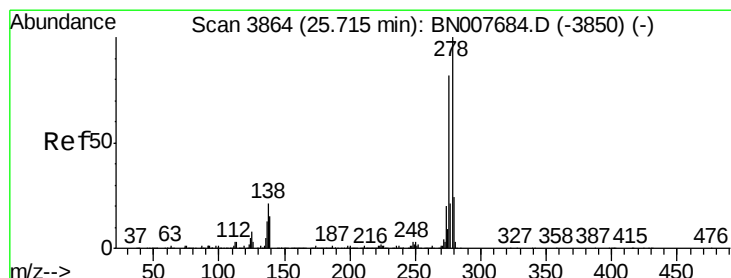
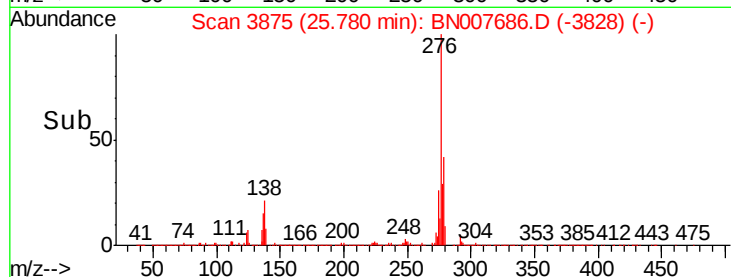
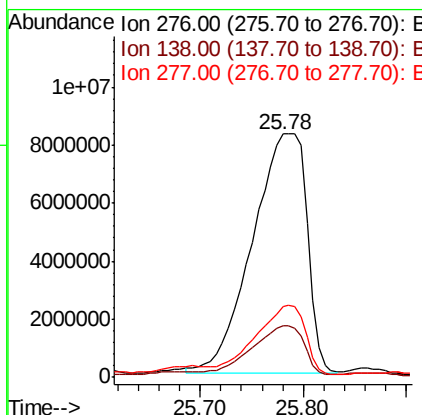
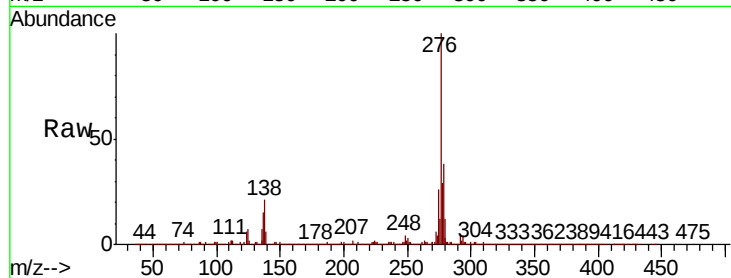
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 91.477 ng/ul m
 RT: 25.78 min Scan# 3875
 Delta R.T. 0.08 min
 Lab File: BN007686.D
 Acq: 17 Sep 2019 04:14

Instrument :
 BNA_N
 ClientSampled :
 F2D06

Tot Ion:276 Resp:30260727
 Ion Ratio Lower Upper
 276 100
 138 21.2 19.1 28.7
 277 29.2 19.7 29.5

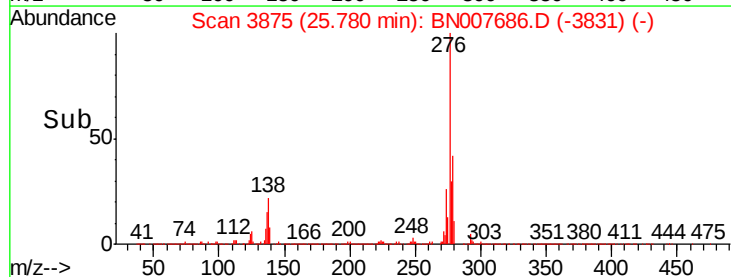
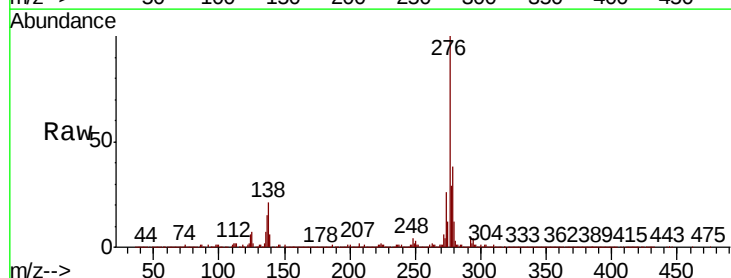
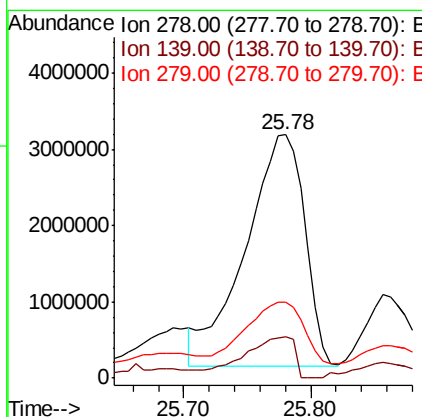
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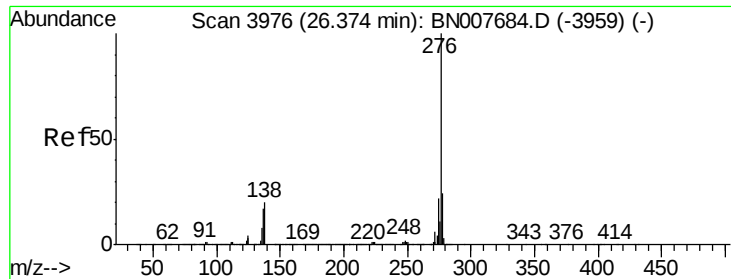
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#92
 Dibenzo(a,h)anthracene
 Concen: 35.628 ng/ul m
 RT: 25.78 min Scan# 3875
 Delta R.T. 0.06 min
 Lab File: BN007686.D
 Acq: 17 Sep 2019 04:14

Tgt Ion:278 Resp: 9830510
 Ion Ratio Lower Upper
 278 100
 139 16.8 12.6 19.0
 279 31.2 19.4 29.2#





#93

Benzo(a,h,i)perylene

Concen: 106.845 ng/ul m

RT: 26.47 min Scan# 3993

Delta R.T. 0.09 min

Lab File: BN007686.D

Acq: 17 Sep 2019 04:14

Instrument :

BNA_N

ClientSampleId :

F2D06

Tot Ion:276 Resp:28975323

Ion Ratio Lower Upper

276 100

138 20.0 16.5 24.7

277 26.8 18.7 28.1

Manual Integrations

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