

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
 Data File : BN001986.D
 Acq On : 06 Jul 2018 12:52
 Operator : JU/SJ
 Sample : J3765-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H07

Manual Integrations
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Quant Time: Jul 07 01:20:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 04 00:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	616245	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2791859	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1580418	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	3328813	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	2270833	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2131344	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	34733m	2.45	ng/uL	0.00
5) Phenol-d5	6.89	99	1020737	18.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	587286	17.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	804900	18.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	801109	17.93	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	404321	19.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	463444	21.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	890743	19.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	749896	15.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2696291	20.20	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	3370463	20.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	388314	15.79	ng/ul	0.00
57) Fluorene-d10	15.33	176	2337902	19.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	375173	20.69	ng/ul	0.00
70) Anthracene-d10	17.18	188	3478468	21.63	ng/ul	0.00
76) Pyrene-d10	19.48	212	3239452	28.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.38	264	2505934	21.62	ng/ul	0.01

Target Compounds

					Ovalue	
28) Naphthalene	10.53	128	189637	1.280	ng/ul	96
44) Dimethylphthalate	13.80	163	757788	5.777	ng/ul	98
47) Acenaphthylene	14.06	152	784223	4.931	ng/ul	99
69) Phenanthrene	17.12	178	636758	3.396	ng/ul	99
71) Anthracene	17.22	178	1171951	6.174	ng/ul	98
72) Carbazole	17.49	167	542891	3.414	ng/ul	98
74) Fluoranthene	19.15	202	3515171	17.834	ng/ul#	89
77) Pyrene	19.51	202	4561871	32.102	ng/ul#	86
80) Benzo(a)anthracene	21.27	228	3247562	22.628	ng/ul	92
82) Chrysene	21.32	228	4275132	32.015	ng/ul	97
85) Benzo(b)fluoranthene	22.86	252	9364306	69.564	ng/ul#	93
86) Benzo(k)fluoranthene	22.90	252	2685878m	20.576	ng/ul	
88) Benzo(a)pyrene	23.43	252	4676782	37.178	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	25.76	276	4444431	33.203	ng/ul#	91
90) Dibenzo(a,h)anthracene	25.76	278	1108005	9.946	ng/ul#	86
91) Benzo(g,h,i)perylene	26.44	276	3733038	33.808	ng/ul#	91

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

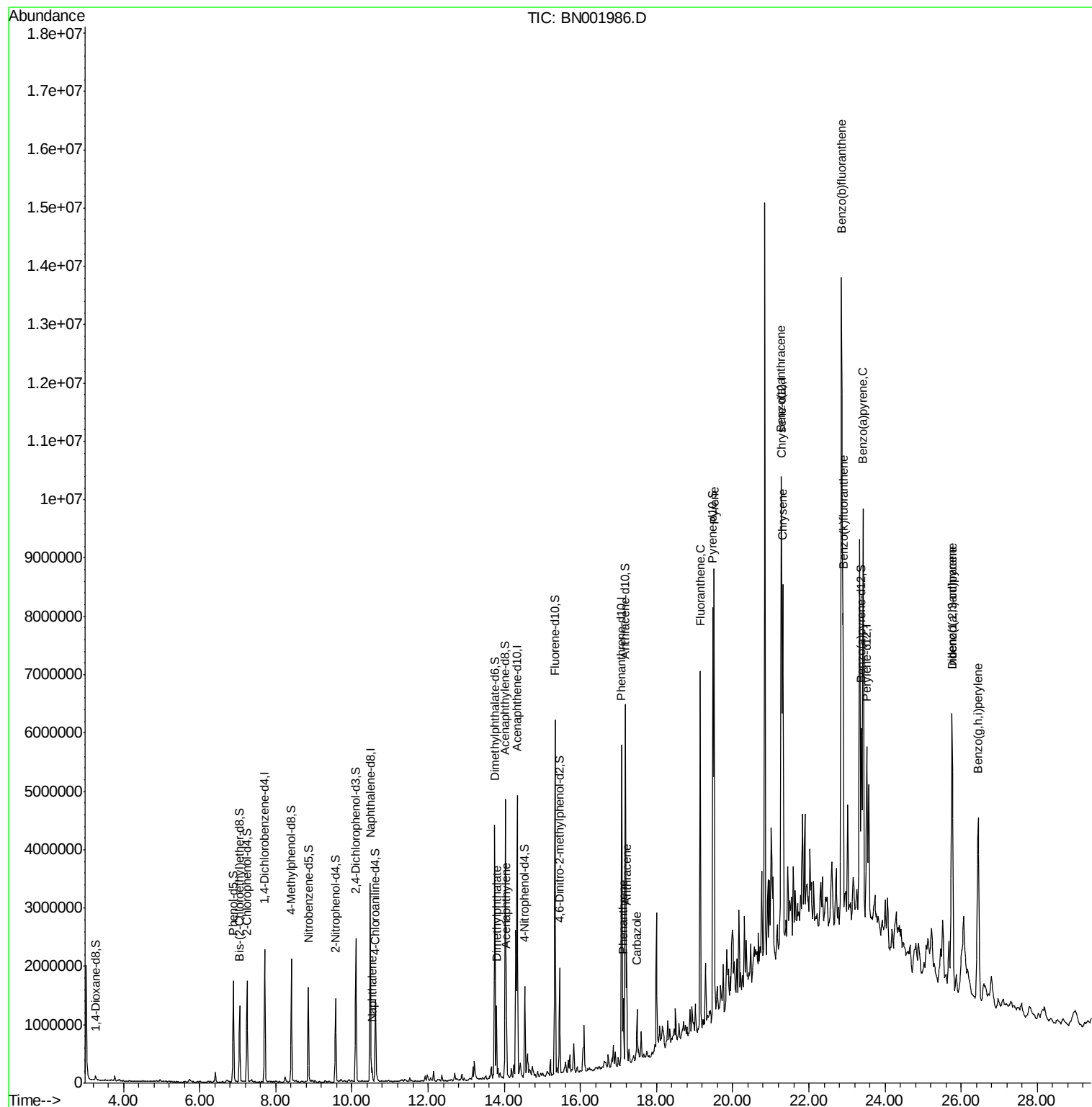
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070618\
Data File : BN001986.D
Acq On : 06 Jul 2018 12:52
Operator : JU/SJ
Sample : J3765-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

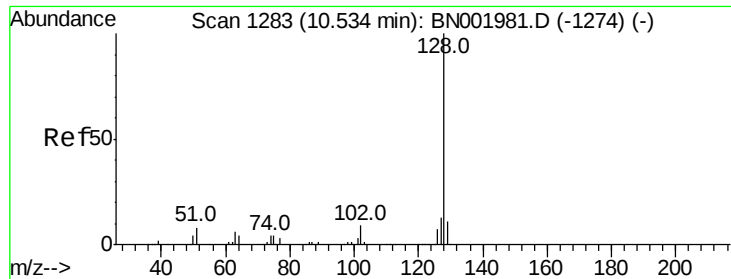
Instrument :
BNA_N
ClientSampleId :
F1H07

Quant Time: Jul 07 01:20:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
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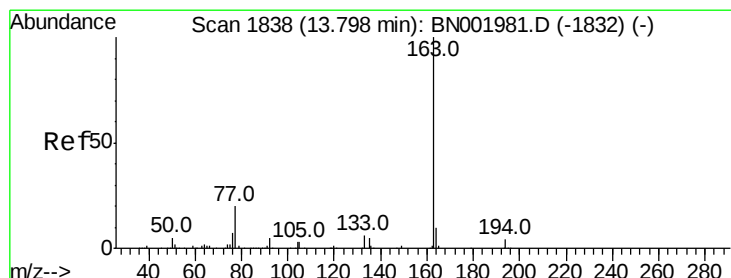
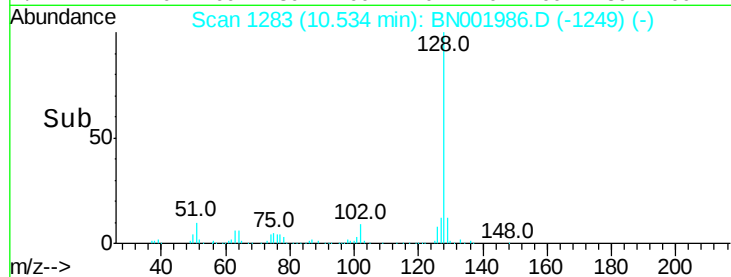
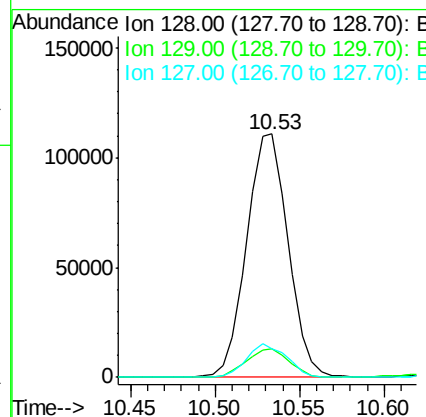
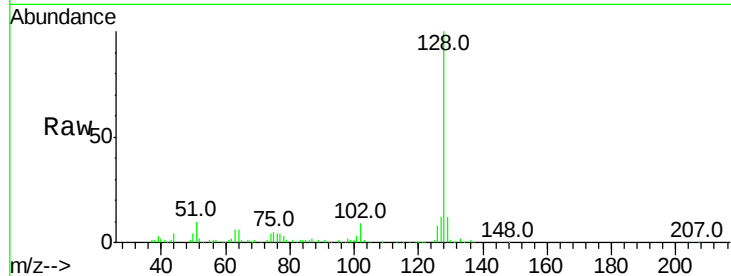
#28
Naphthalene
Concen: 1.280 ng/ul
RT: 10.53 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BN001986.D
Acq: 06 Jul 2018 12:52

Instrument :
BNA_N
ClientSampleId :
F1H07

Tot Ion	Ratio	Resp	Lower	Upper
128	100	189637		
129	11.7	8.3	12.5	
127	12.0	10.8	16.2	

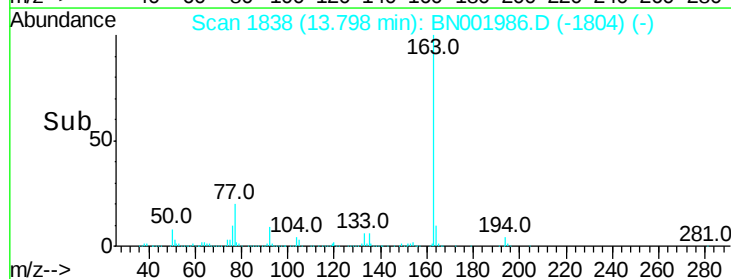
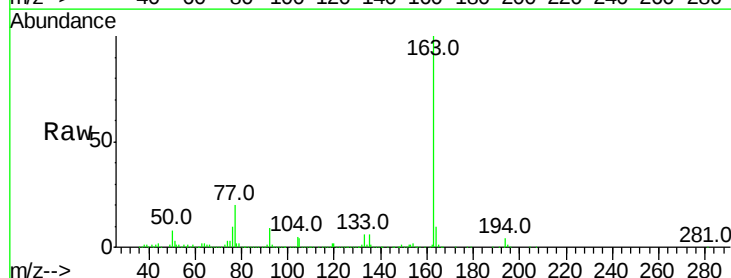
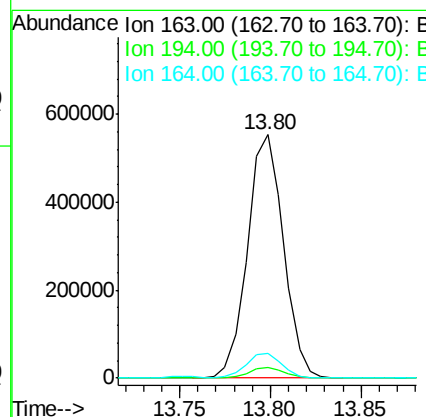
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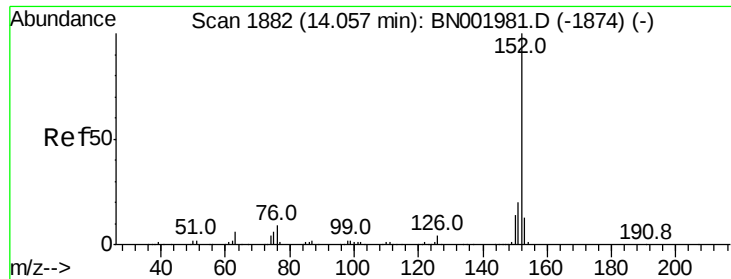
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#44
Dimethylphthalate
Concen: 5.777 ng/ul
RT: 13.80 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BN001986.D
Acq: 06 Jul 2018 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	757788		
194	4.3	4.0	6.0	
164	10.0	8.4	12.6	





#47

Acenaphthylene

Concen: 4.931 ng/ul

RT: 14.06 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BN001986.D

Acq: 06 Jul 2018 12:52

Instrument :

BNA_N

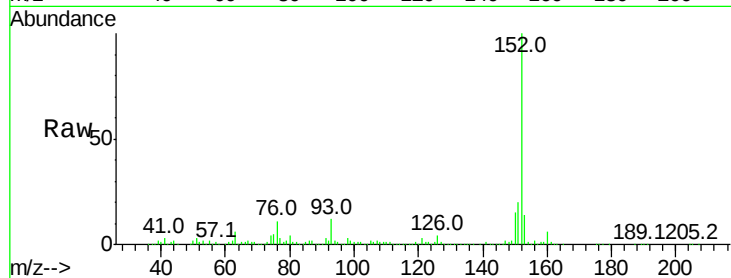
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F1H07

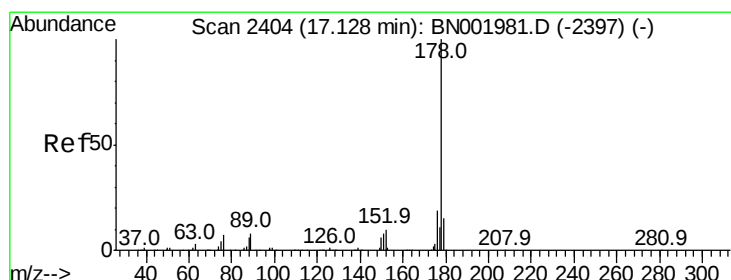
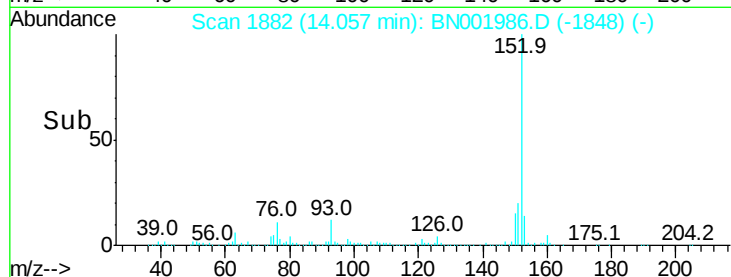
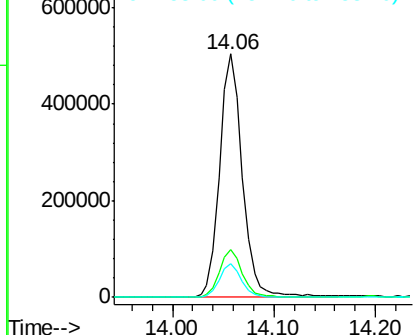
Tot Ion:	152	Resp:	784223
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.1	24.1
153	13.8	10.8	16.2

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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



#69

Phenanthrene

Concen: 3.396 ng/ul

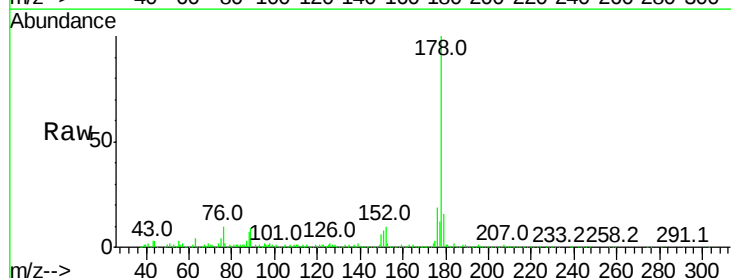
RT: 17.12 min Scan# 2403

Delta R.T. -0.01 min

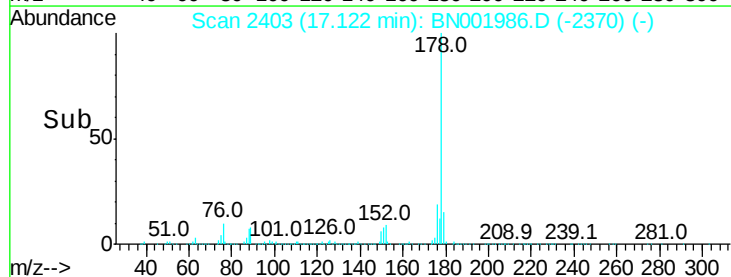
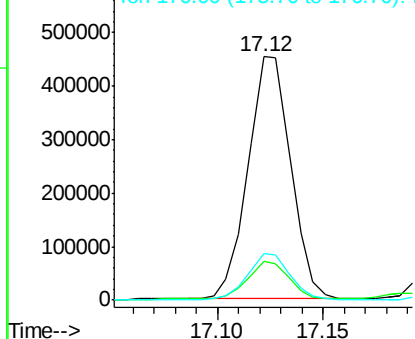
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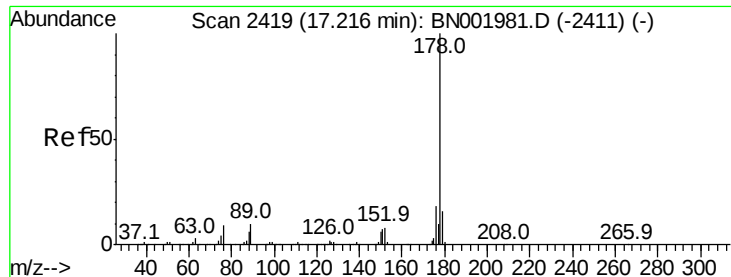
Acq: 06 Jul 2018 12:52

Tgt Ion:	178	Resp:	636758
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.3	18.5
176	19.3	15.4	23.0



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





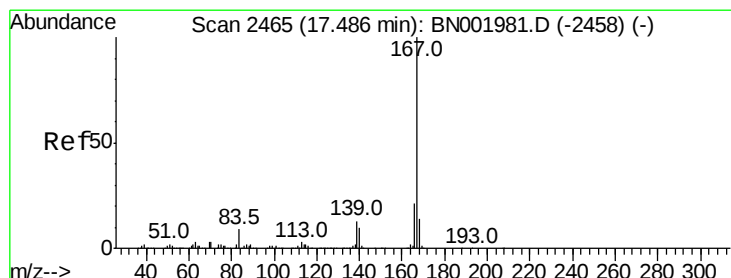
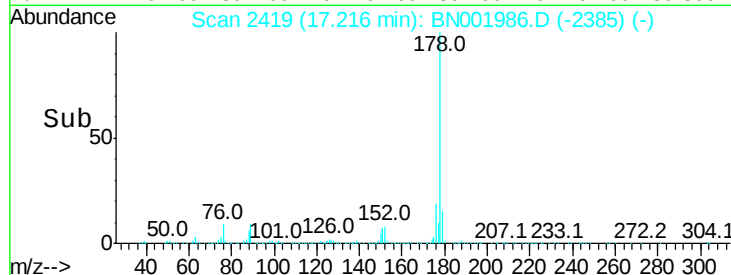
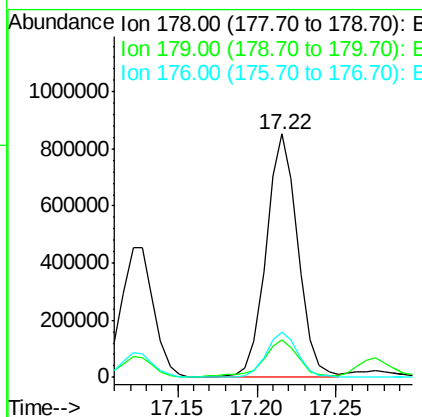
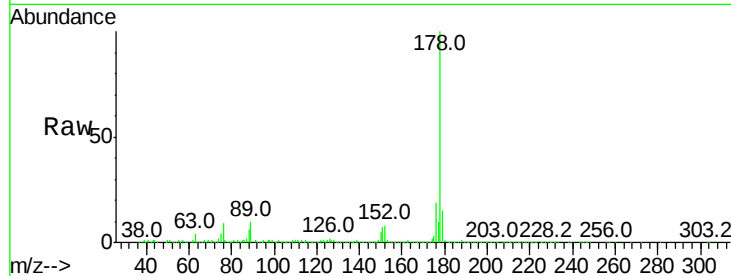
#71
 Anthracene
 Concen: 6.174 ng/ul
 RT: 17.22 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: BN001986.D
 Acq: 06 Jul 2018 12:52

Instrument :
 BNA_N
 ClientSampleId :
 F1H07

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.4	20.2
176	18.7	15.4	23.0

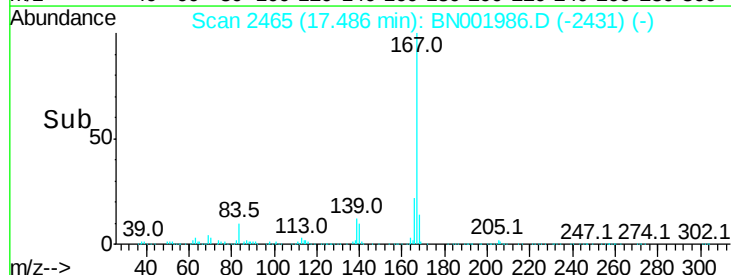
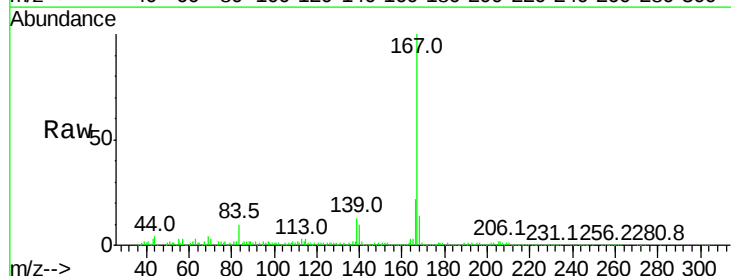
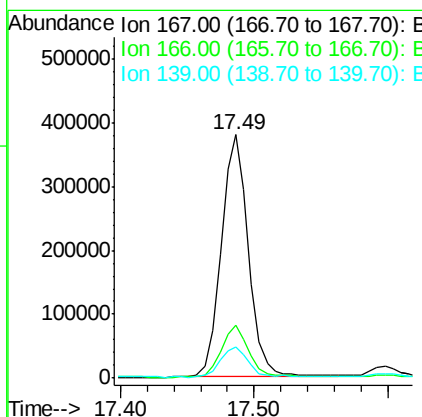
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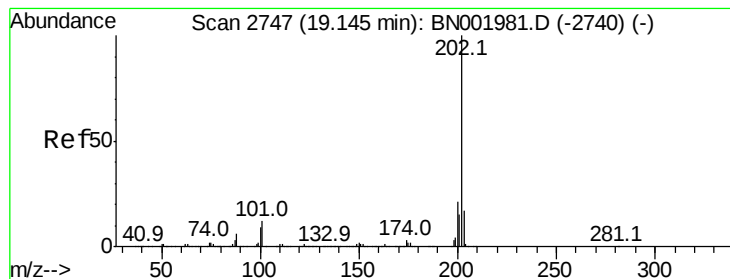
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#72
 Carbazole
 Concen: 3.414 ng/ul
 RT: 17.49 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BN001986.D
 Acq: 06 Jul 2018 12:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.4
139	12.9	9.1	13.7





#74

Fluoranthene

Concen: 17.834 ng/ul

RT: 19.15 min Scan# 2747

Delta R.T. 0.00 min

Lab File: BN001986.D

Acq: 06 Jul 2018 12:52

Instrument :

BNA_N

ClientSampleId :

F1H07

Tot Ion:202 Resp: 3515171

Ion Ratio Lower Upper

202 100

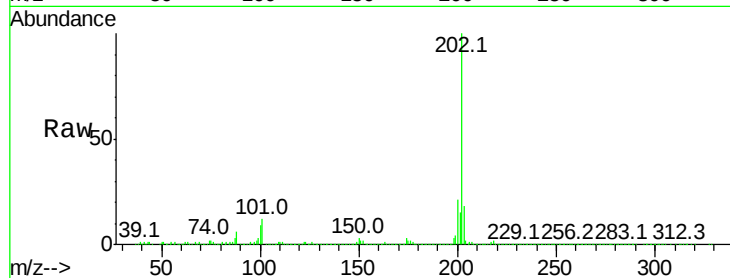
101 12.0 6.1 9.1#

100 8.9 4.6 7.0#

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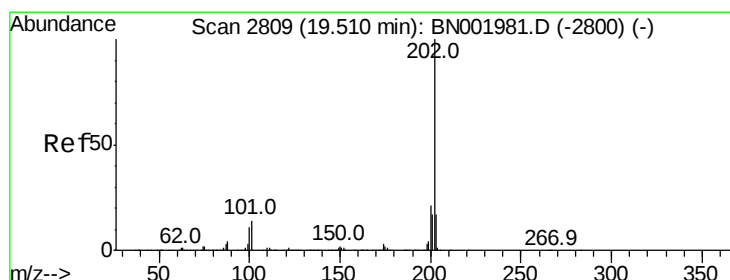
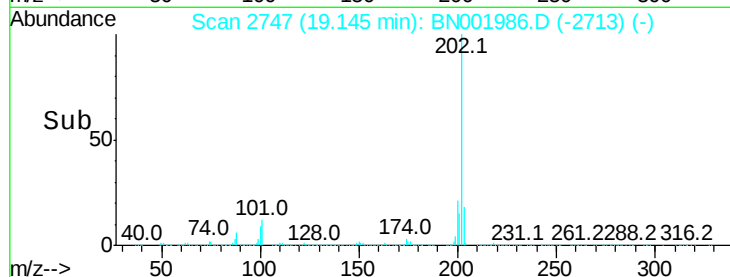
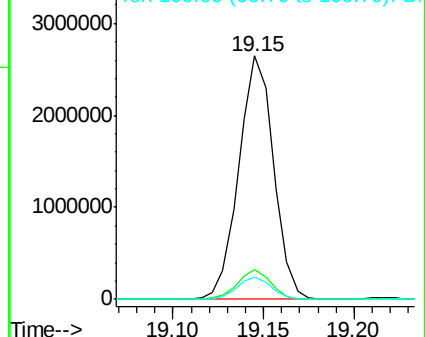
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 32.102 ng/ul

RT: 19.51 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BN001986.D

Acq: 06 Jul 2018 12:52

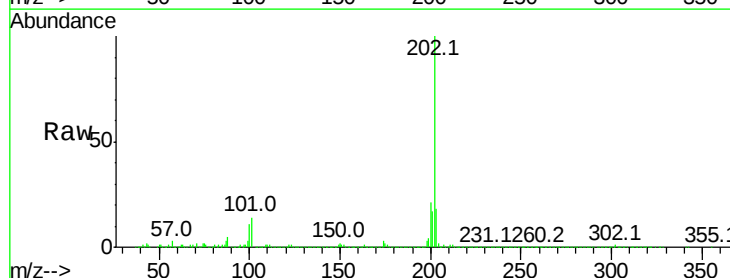
Tgt Ion:202 Resp: 4561871

Ion Ratio Lower Upper

202 100

101 13.9 6.9 10.3#

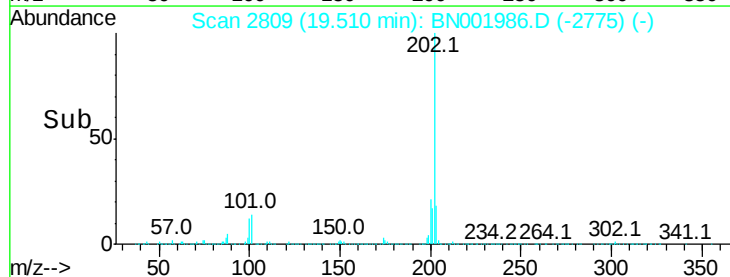
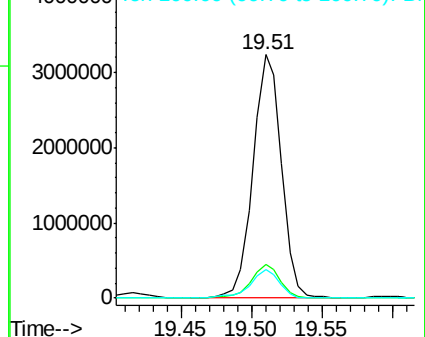
100 11.5 5.6 8.4#

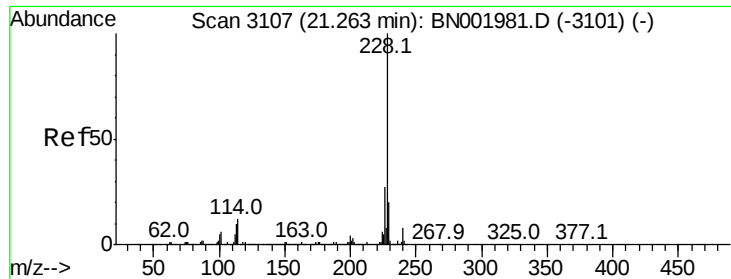


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





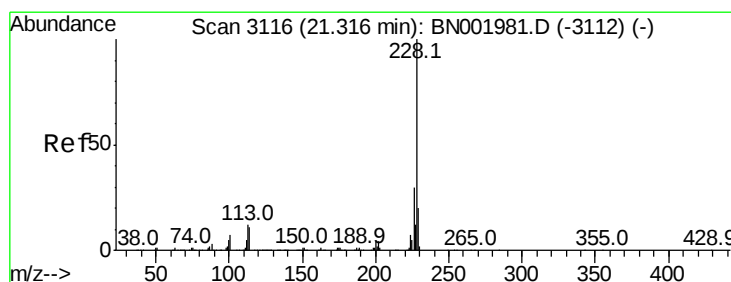
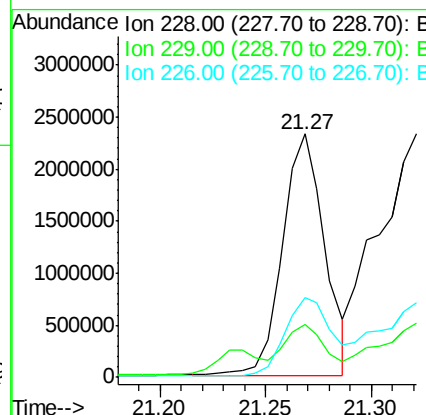
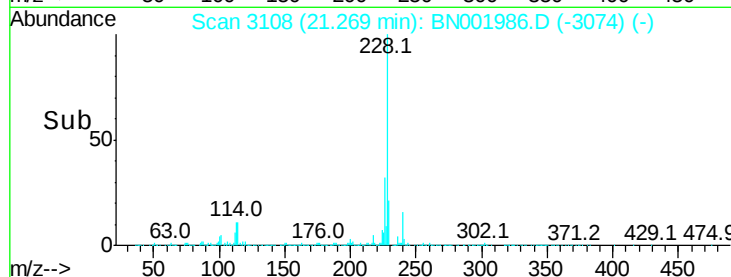
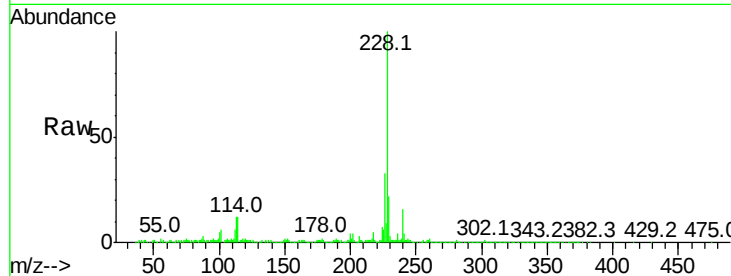
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Benzo(a)anthracene
Concen: 22.628 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BN001986.D
Acq: 06 Jul 2018 12:52

Instrument :
BNA_N
ClientSampleId :
F1H07

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.9	16.0	24.0
226	32.6	21.8	32.8

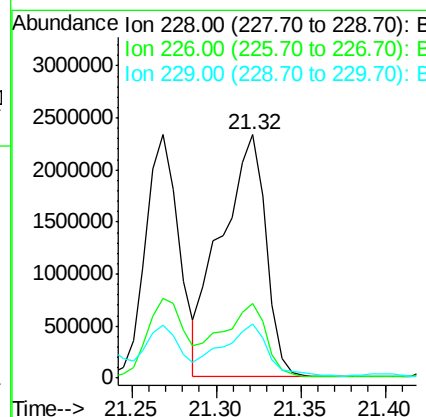
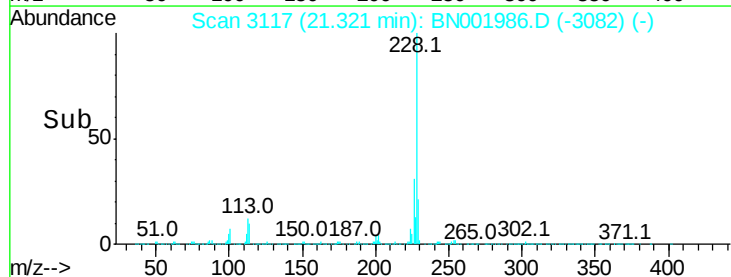
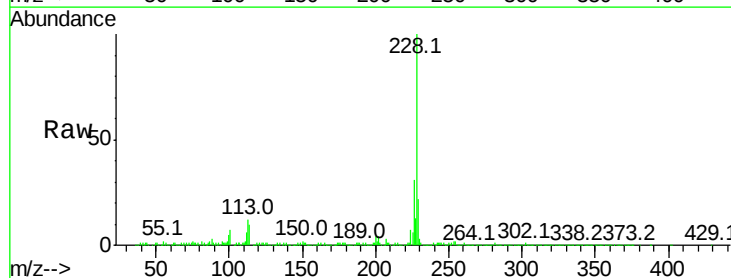
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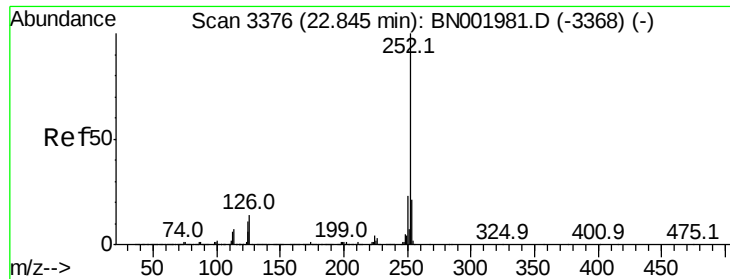
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#82
Chrysene
Concen: 32.015 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. 0.01 min
Lab File: BN001986.D
Acq: 06 Jul 2018 12:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.1	36.1
229	22.0	16.0	24.0





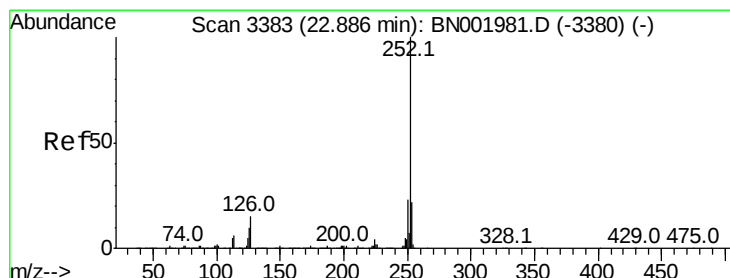
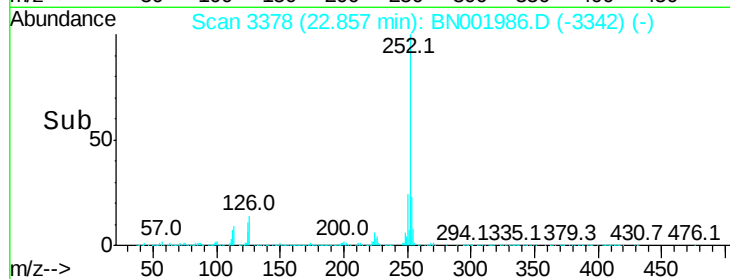
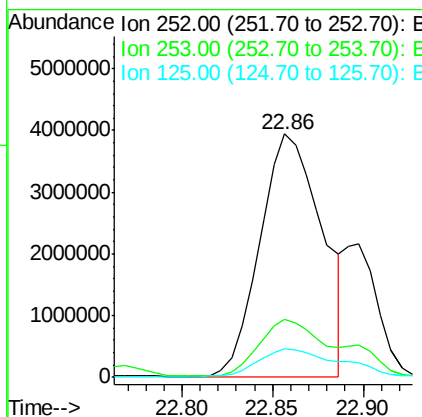
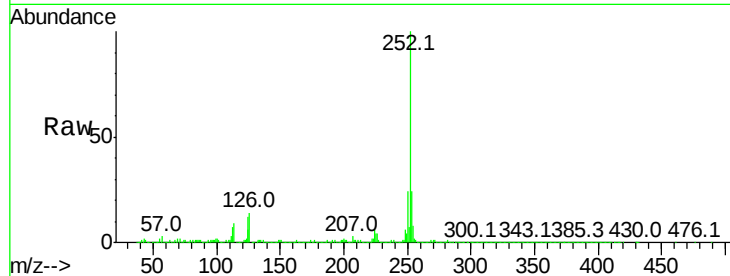
#85
Benzo(b)fluoranthene
Concen: 69.564 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. 0.01 min
Lab File: BN001986.D
Acq: 06 Jul 2018 12:52

Instrument :
BNA_N
ClientSampled :
F1H07

Tot Ion:252 Resp: 9364306
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 11.7 4.9 7.3#

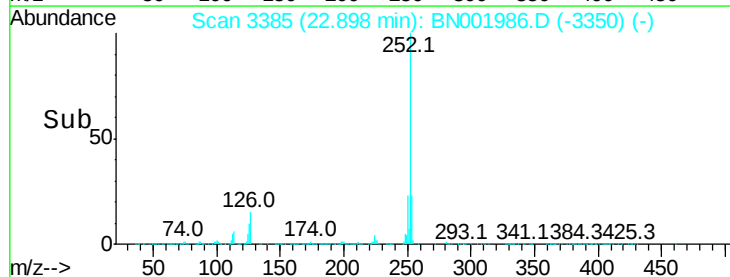
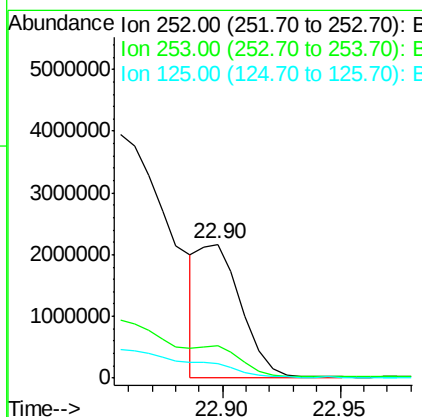
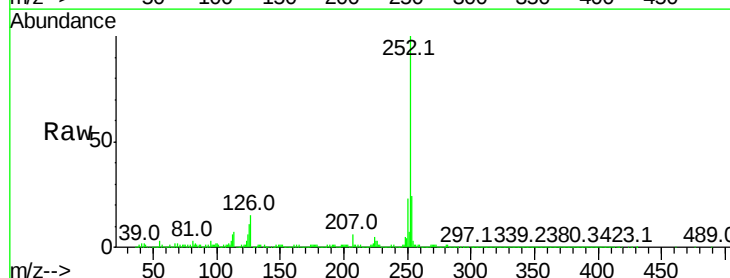
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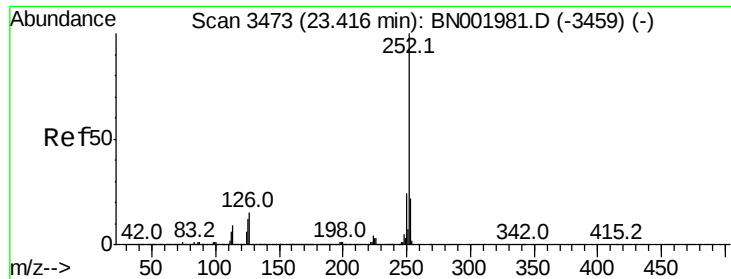
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#86
Benzo(k)fluoranthene
Concen: 20.576 ng/ul m
RT: 22.90 min Scan# 3385
Delta R.T. 0.01 min
Lab File: BN001986.D
Acq: 06 Jul 2018 12:52

Tgt Ion:252 Resp: 2685878
Ion Ratio Lower Upper
252 100
253 23.9 17.1 25.7
125 10.9 5.4 8.0#





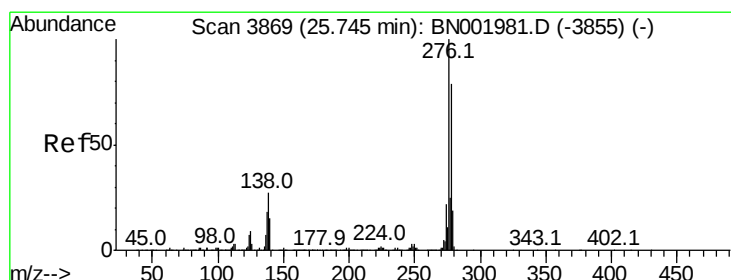
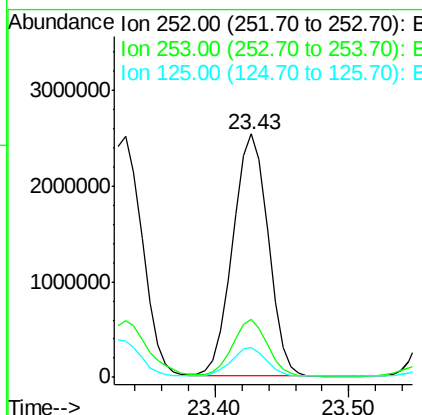
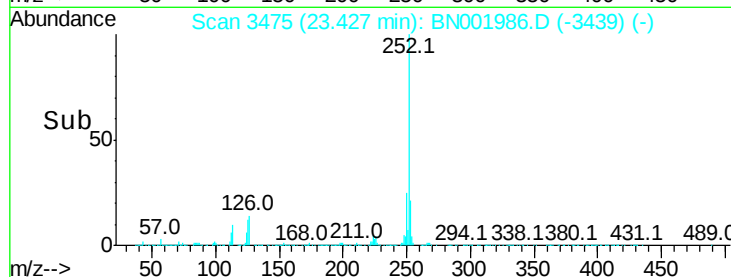
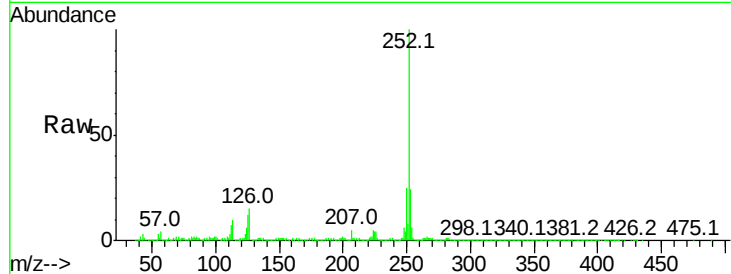
#88
Benzo(a)pyrene
Concen: 37.178 ng/ul
RT: 23.43 min Scan# 3475
Delta R.T. 0.01 min
Lab File: BN001986.D
Acq: 06 Jul 2018 12:52

Instrument :
BNA_N
ClientSampleId :
F1H07

Tot Ion:252 Resp: 4676782
Ion Ratio Lower Upper
252 100
253 24.0 17.2 25.8
125 12.1 5.8 8.6#

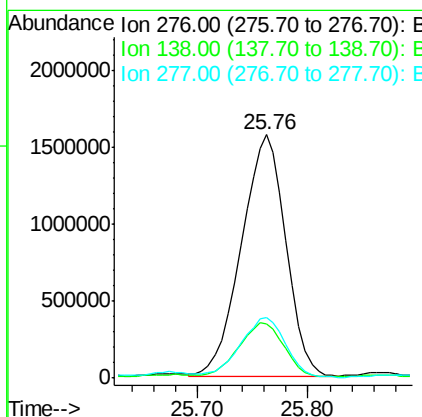
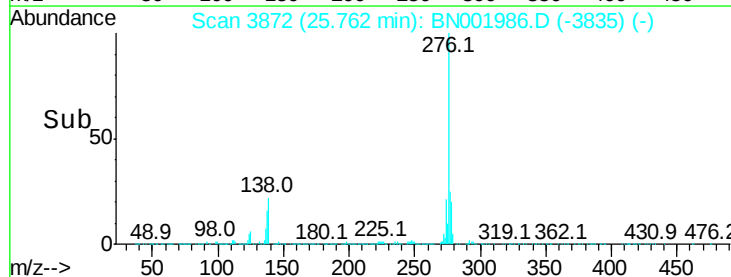
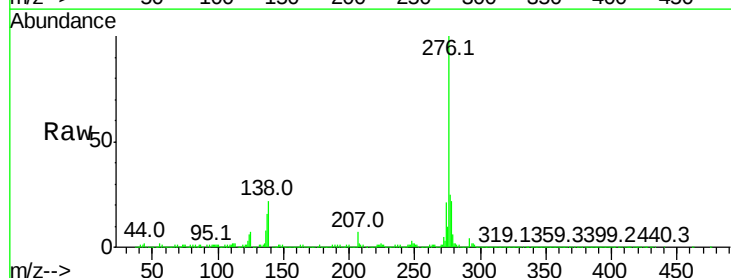
Manual Integrations
APPROVED

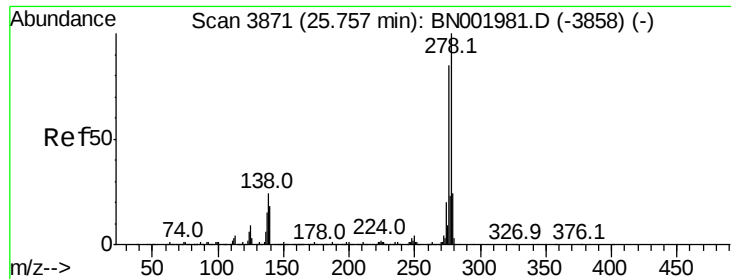
Sohil
7/9/2018 2:09:17 PM



#89
Indeno(1,2,3-cd)pyrene
Concen: 33.203 ng/ul
RT: 25.76 min Scan# 3872
Delta R.T. 0.02 min
Lab File: BN001986.D
Acq: 06 Jul 2018 12:52

Tgt Ion:276 Resp: 4444431
Ion Ratio Lower Upper
276 100
138 22.2 10.9 16.3#
277 24.9 18.9 28.3





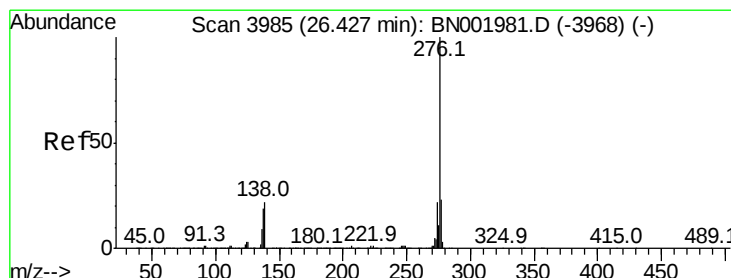
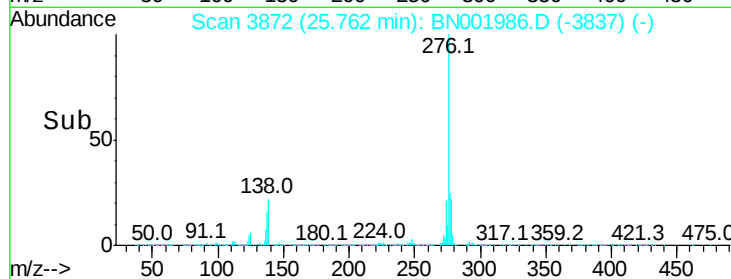
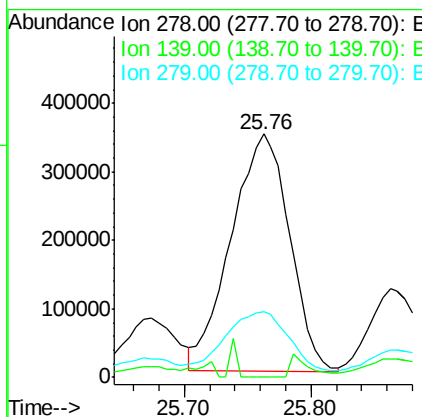
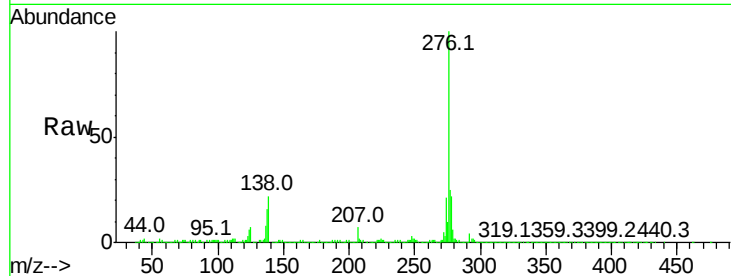
#90
Dibenzo(a,h)anthracene
Concen: 9.946 ng/ul
RT: 25.76 min Scan# 3872
Delta R.T. 0.01 min
Lab File: BN001986.D
Acq: 06 Jul 2018 12:52

Instrument :
BNA_N
ClientSampleId :
F1H07

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.0	13.4#
279	26.9	19.1	28.7

Manual Integrations
APPROVED

Sohil
7/9/2018 2:09:17 PM



#91
Benzo(g,h,i)perylene
Concen: 33.808 ng/ul
RT: 26.44 min Scan# 3988
Delta R.T. 0.02 min
Lab File: BN001986.D
Acq: 06 Jul 2018 12:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	11.2	16.8#
277	24.4	19.0	28.6

