

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
 Data File : BN001987.D
 Acq On : 06 Jul 2018 13:28
 Operator : JU/SJ
 Sample : J3765-01 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H02

Manual Integrations
 APPROVED

Sohil
 7/9/2018 2:09:19 PM

Quant Time: Jul 07 01:26:07 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	567651	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2627662	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1542802	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3304375	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	2420700	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2132648	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	10103	0.77	ng/uL	0.00
5) Phenol-d5	6.89	99	290733	5.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	176068	5.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	223180	5.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	237938	5.78	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	112059	5.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	125181	6.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	241579	5.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	221883	4.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	755257	5.80	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	938423	5.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	93543	3.90	ng/ul	0.00
57) Fluorene-d10	15.33	176	665910	5.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	74406	4.13	ng/ul	0.00
70) Anthracene-d10	17.18	188	972533	6.09	ng/ul	0.00
76) Pyrene-d10	19.48	212	953228	7.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	689708	5.95	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.79	163	300159	2.344	ng/ul	99
47) Acenaphthylene	14.06	152	294563	1.897	ng/ul	99
69) Phenanthrene	17.12	178	694783	3.733	ng/ul	99
71) Anthracene	17.22	178	503084	2.670	ng/ul	96
72) Carbazole	17.49	167	188208	1.192	ng/ul	98
74) Fluoranthene	19.15	202	5471483	27.964	ng/ul#	88
77) Pyrene	19.51	202	6282440	41.472	ng/ul#	85
80) Benzo(a)anthracene	21.27	228	2804445	18.331	ng/ul	97
82) Chrysene	21.32	228	3160689	22.204	ng/ul	98
85) Benzo(b)fluoranthene	22.85	252	5125241	38.050	ng/ul#	94
86) Benzo(k)fluoranthene	22.89	252	1410414m	10.798	ng/ul	
88) Benzo(a)pyrene	23.42	252	2306536	18.324	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.74	276	1729240	12.911	ng/ul#	88
90) Dibenzo(a,h)anthracene	25.75	278	455586	4.087	ng/ul#	88
91) Benzo(g,h,i)perylene	26.43	276	1404822	12.715	ng/ul#	91

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

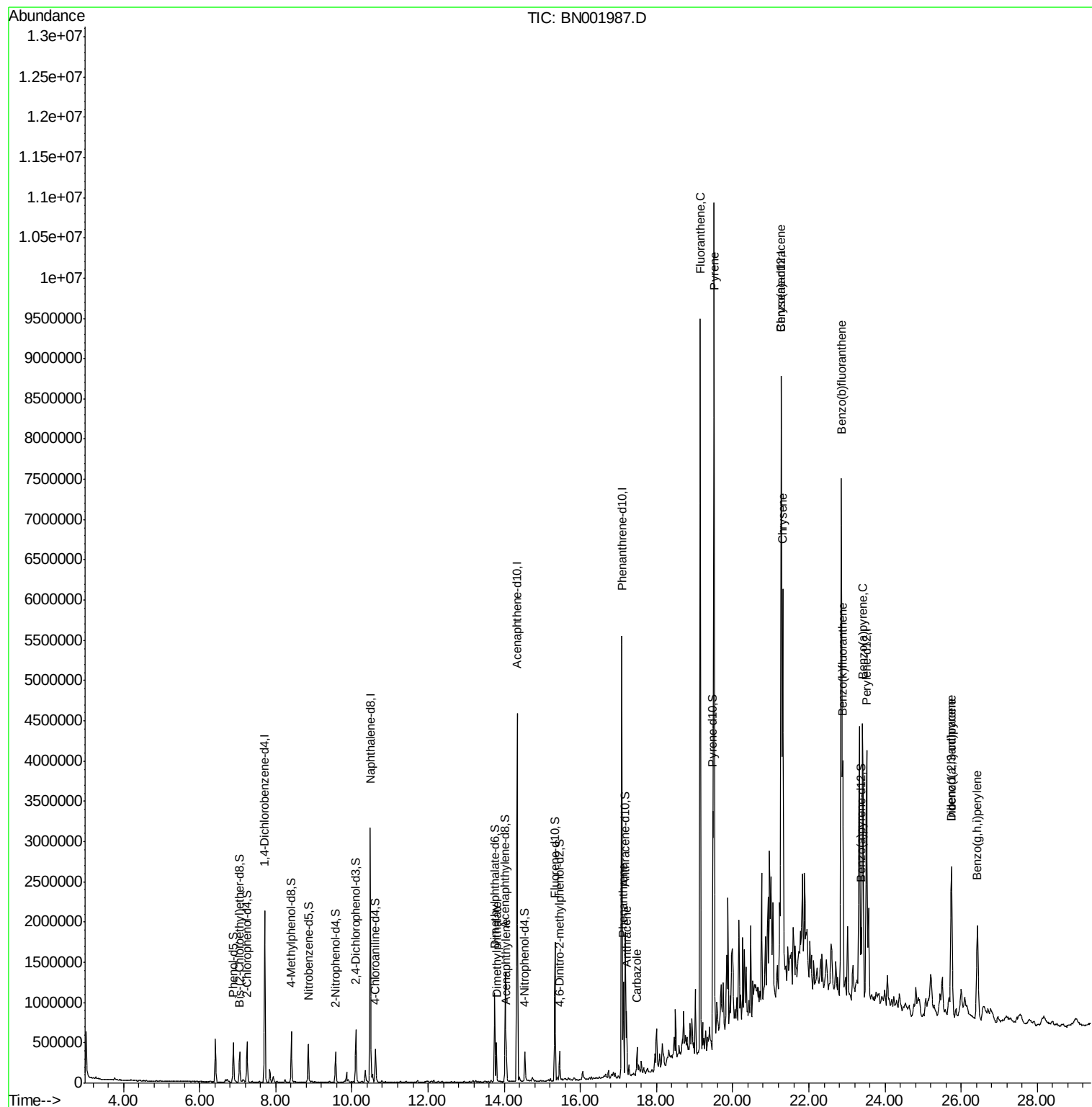
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070618\
Data File : BN001987.D
Acq On : 06 Jul 2018 13:28
Operator : JU/SJ
Sample : J3765-01 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

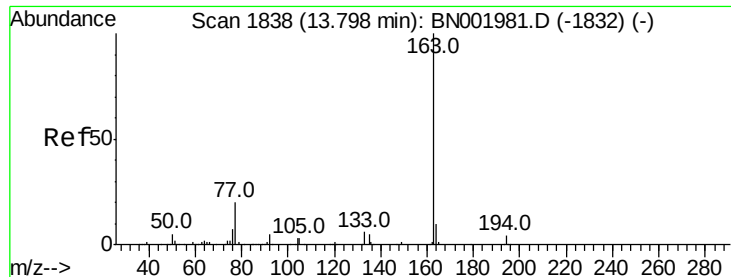
Instrument :
BNA_N
ClientSampleId :
F1H02

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
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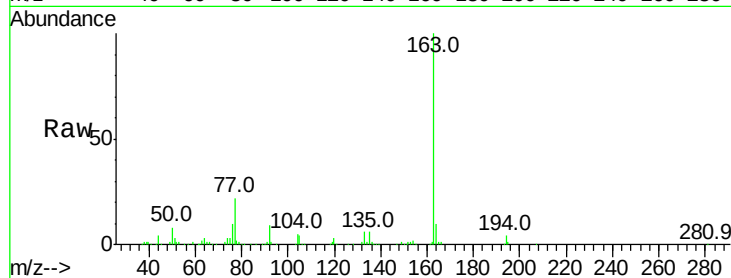
#44
Dimethylphthalate
Concen: 2.344 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BN001987.D
Acq: 06 Jul 2018 13:28

Instrument :
BNA_N
ClientSampled :
F1H02

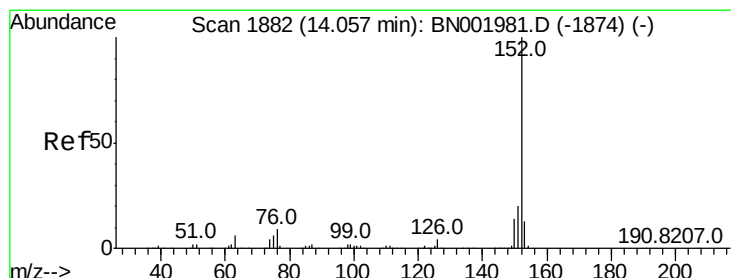
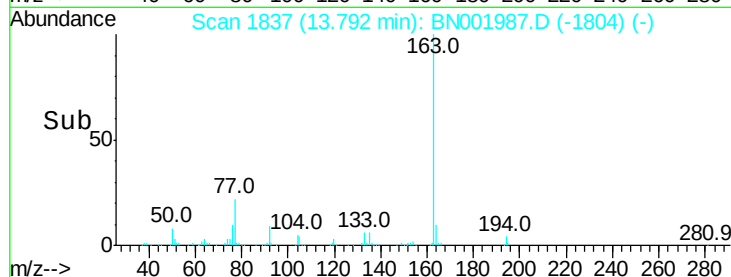
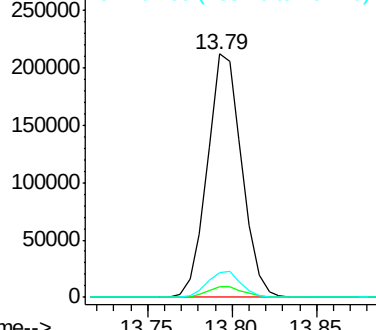
Tot Ion:	163	Resp:	300159
Ion Ratio	Lower	Upper	
163	100		
194	4.2	4.0	6.0
164	10.3	8.4	12.6

Manual Integrations
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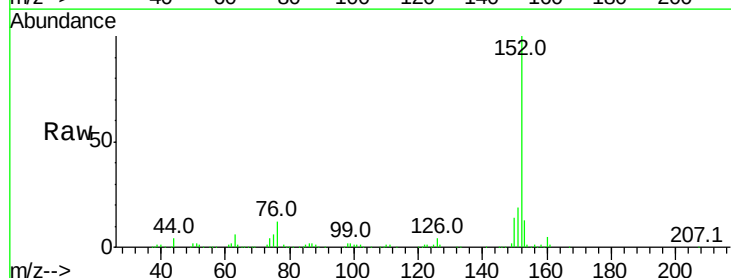


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

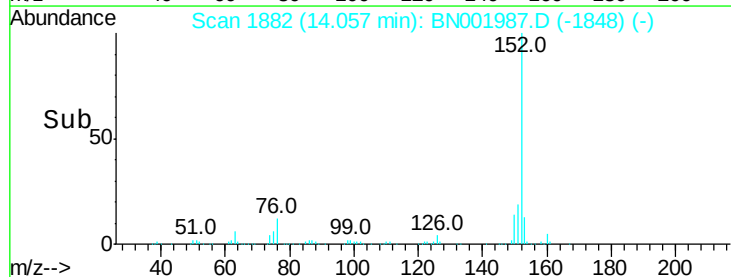
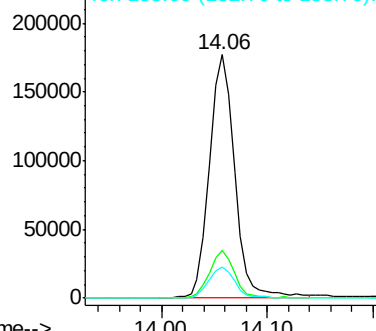


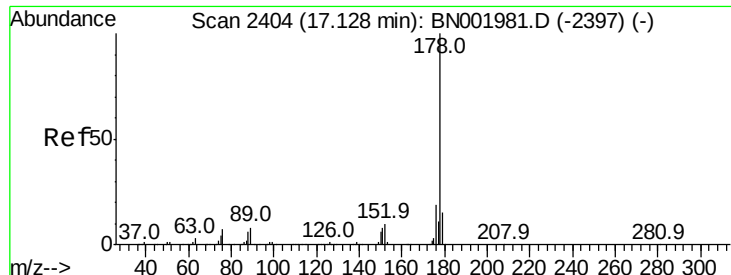
#47
Acenaphthylene
Concen: 1.897 ng/ul
RT: 14.06 min Scan# 1882
Delta R.T. 0.00 min
Lab File: BN001987.D
Acq: 06 Jul 2018 13:28

Tgt Ion:	152	Resp:	294563
Ion Ratio	Lower	Upper	
152	100		
151	19.5	16.1	24.1
153	12.9	10.8	16.2



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: 3.733 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BN001987.D

Acq: 06 Jul 2018 13:28

Instrument :

BNA_N

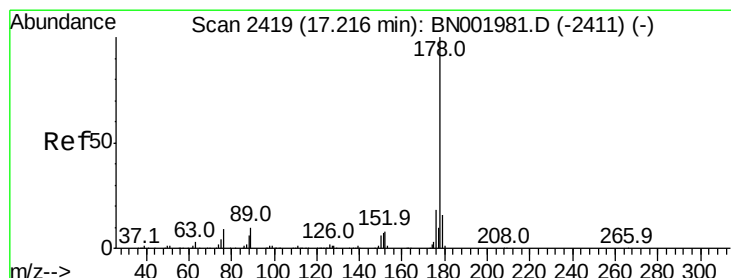
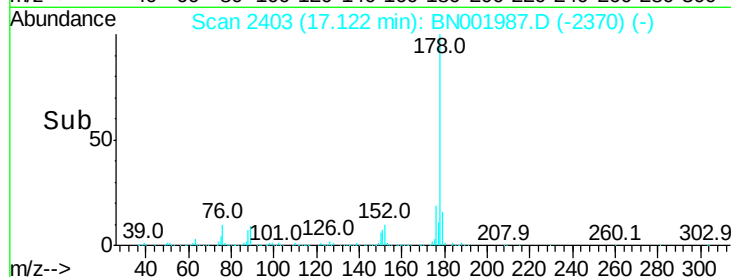
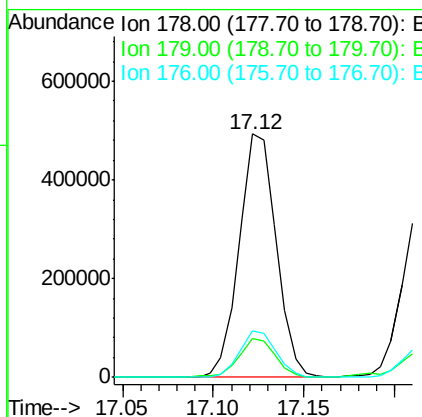
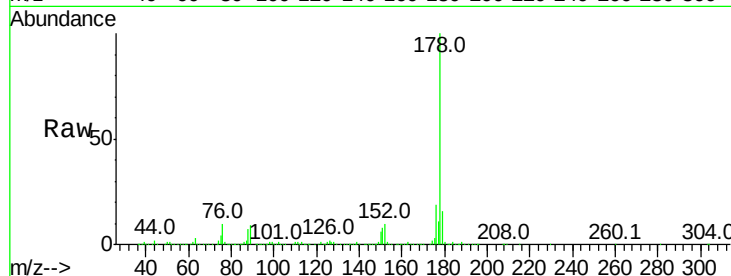
ClientSampleId :

F1H02

Tot Ion:178	Resp:	694783
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.3 18.5
176	18.9	15.4 23.0

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#71

Anthracene

Concen: 2.670 ng/ul

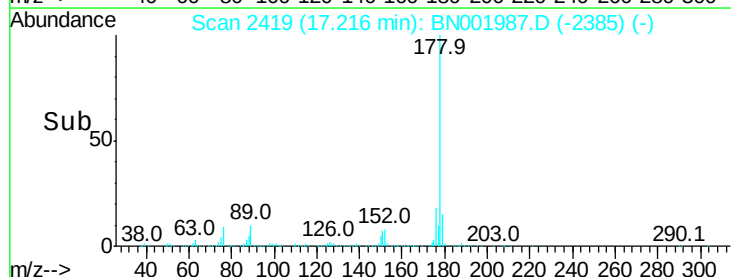
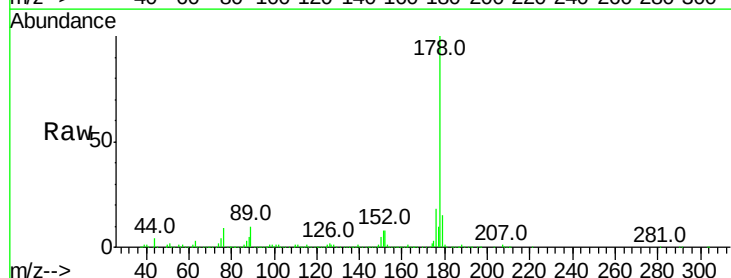
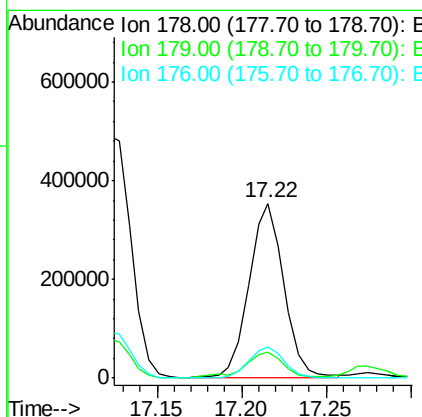
RT: 17.22 min Scan# 2419

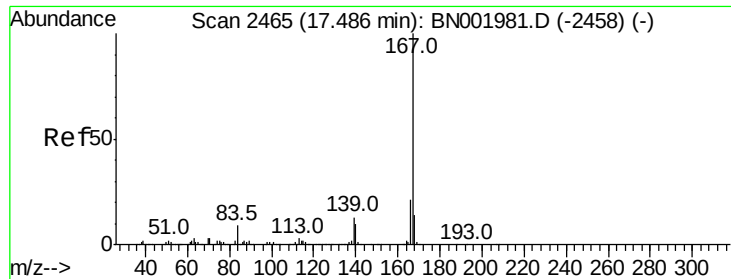
Delta R.T. 0.00 min

Lab File: BN001987.D

Acq: 06 Jul 2018 13:28

Tgt Ion:178	Resp:	503084
Ion Ratio	Lower	Upper
178	100	
179	15.2	13.4 20.2
176	17.7	15.4 23.0





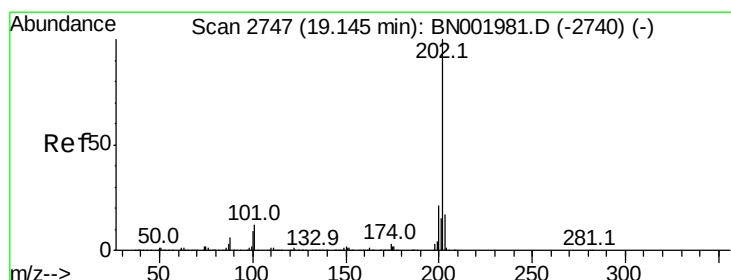
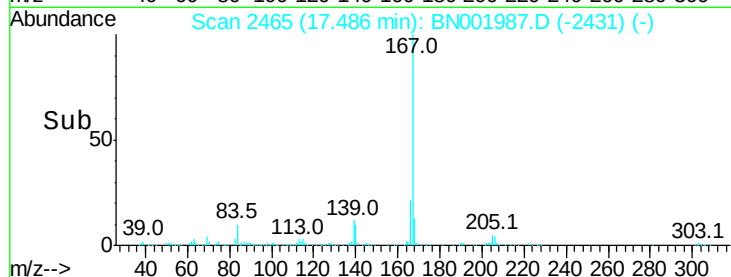
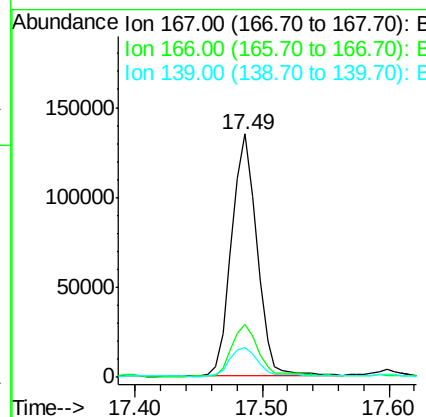
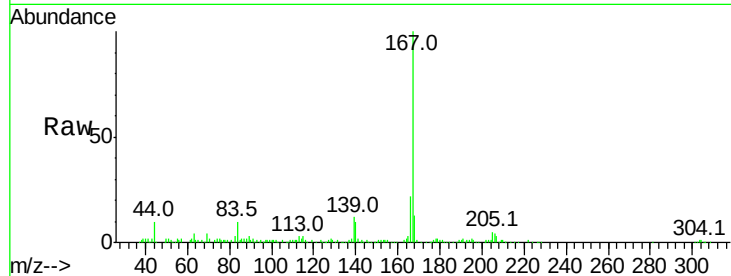
#72
 Carbazole
 Concen: 1.192 ng/ul
 RT: 17.49 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: BN001987.D
 Acq: 06 Jul 2018 13:28

Instrument :
 BNA_N
 ClientSampleId :
 F1H02

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.4
139	12.4	9.1	13.7

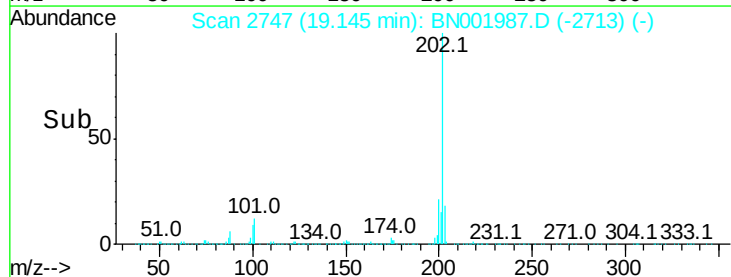
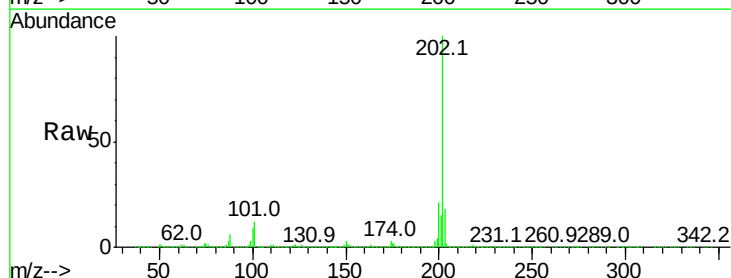
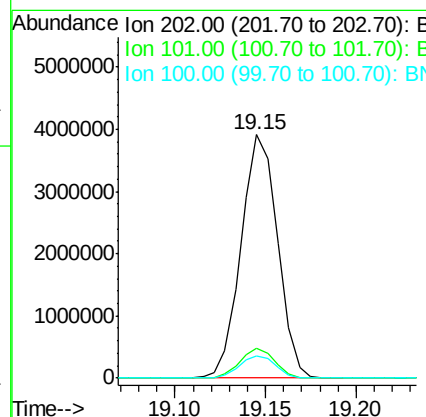
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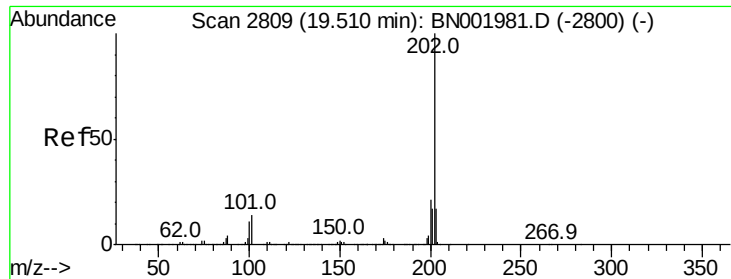
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#74
 Fluoranthene
 Concen: 27.964 ng/ul
 RT: 19.15 min Scan# 2747
 Delta R.T. 0.00 min
 Lab File: BN001987.D
 Acq: 06 Jul 2018 13:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	6.1	9.1#
100	9.2	4.6	7.0#





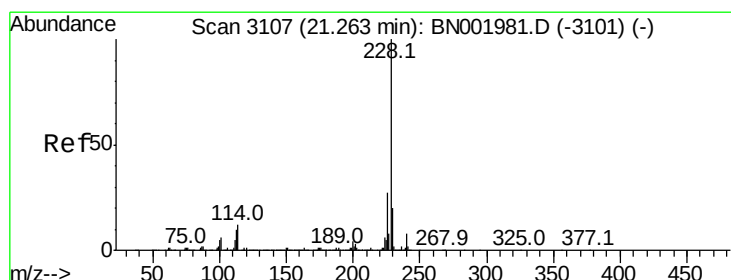
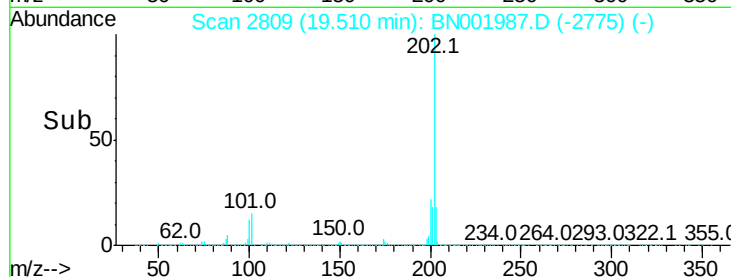
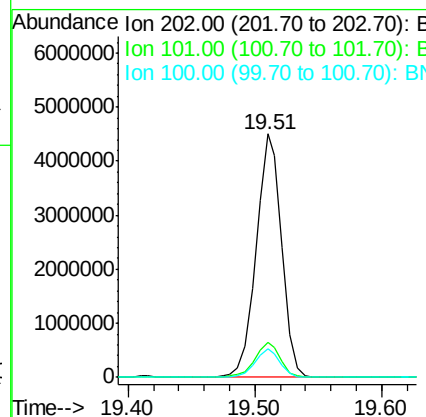
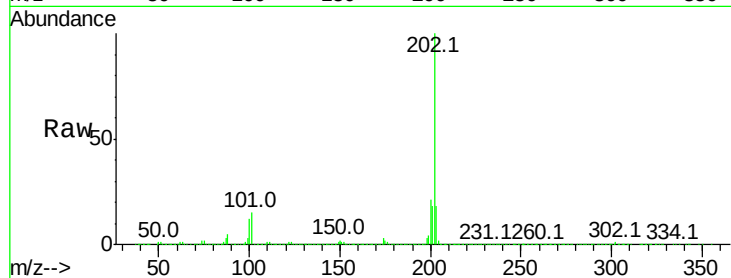
#77
Pvrene
Concen: 41.472 ng/ul
RT: 19.51 min Scan# 2809
Delta R.T. 0.00 min
Lab File: BN001987.D
Acq: 06 Jul 2018 13:28

Instrument :
BNA_N
ClientSampleId :
F1H02

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.5	6.9	10.3#
100	11.6	5.6	8.4#

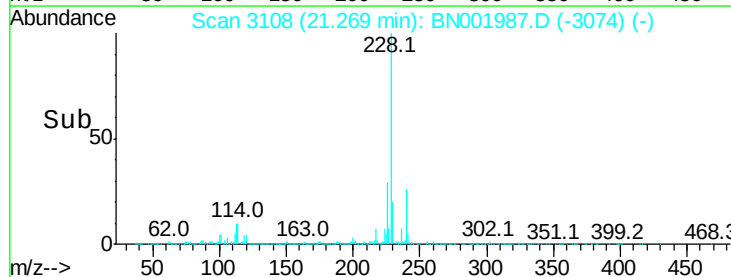
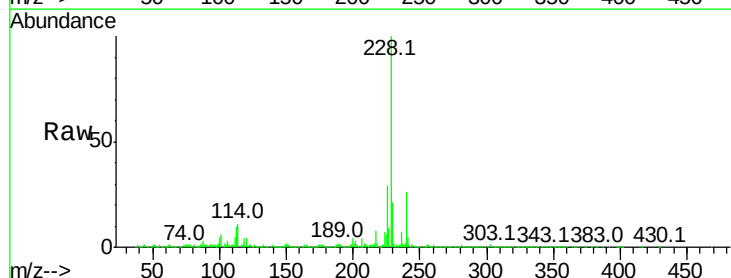
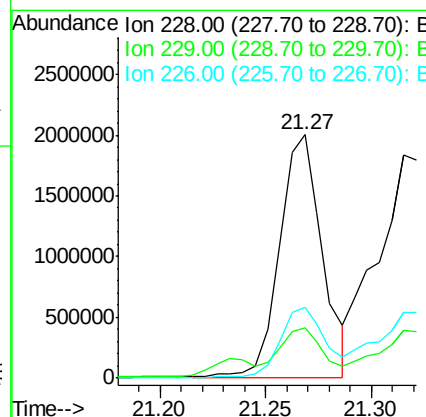
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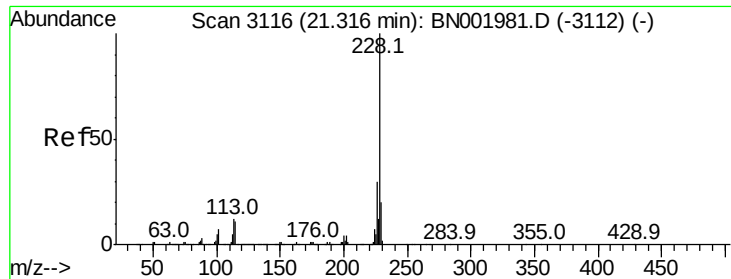
Sohil
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#80
Benzo(a)anthracene
Concen: 18.331 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BN001987.D
Acq: 06 Jul 2018 13:28

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.0	24.0
226	29.3	21.8	32.8





#82

Chrysene

Concen: 22.204 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. 0.00 min

Lab File: BN001987.D

Acq: 06 Jul 2018 13:28

Instrument :

BNA_N

ClientSampled :

F1H02

Tot Ion:228 Resp: 3160689

Ion Ratio Lower Upper

228 100

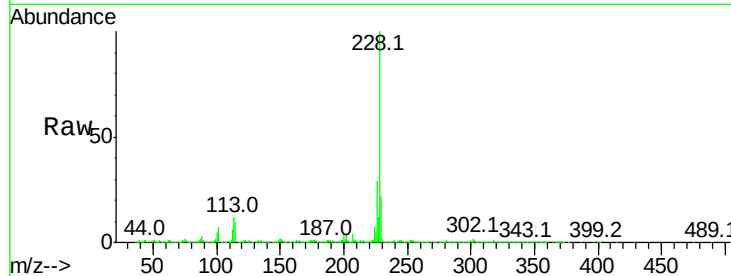
226 29.4 24.1 36.1

229 21.7 16.0 24.0

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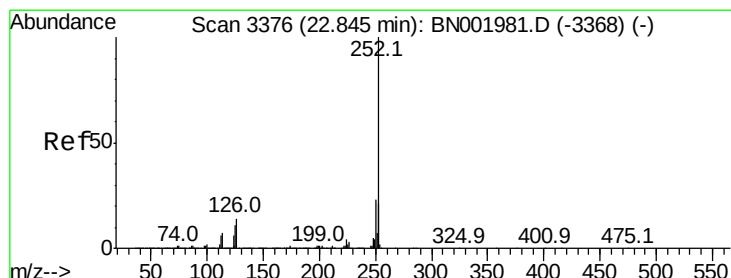
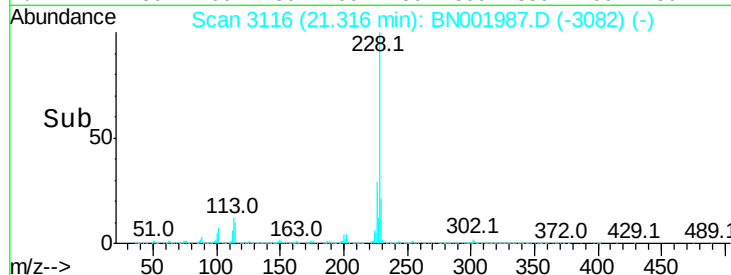
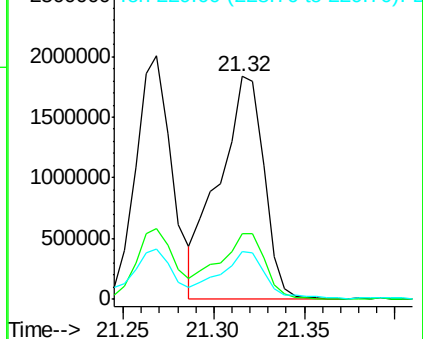
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 38.050 ng/ul

RT: 22.85 min Scan# 3377

Delta R.T. 0.01 min

Lab File: BN001987.D

Acq: 06 Jul 2018 13:28

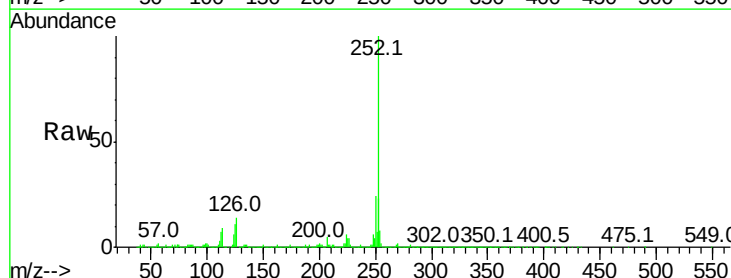
Tgt Ion:252 Resp: 5125241

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.0

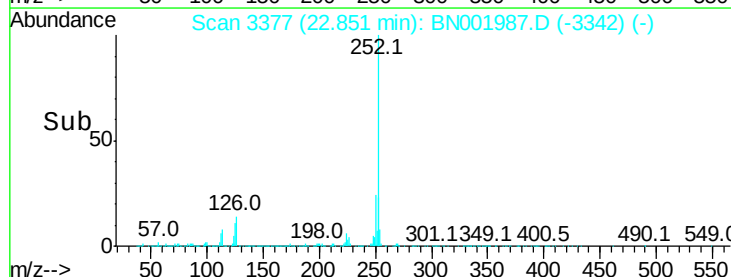
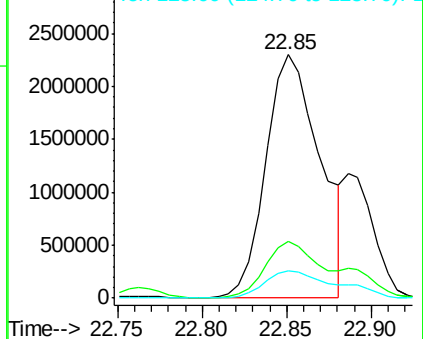
125 11.4 4.9 7.3#

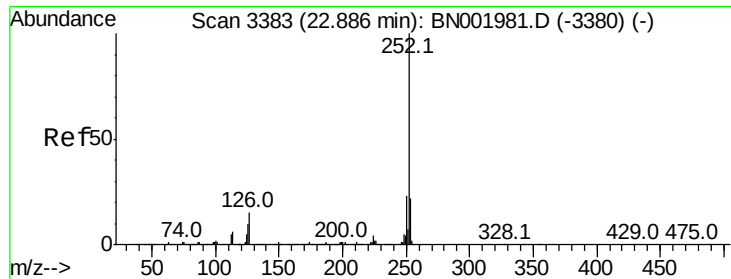


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





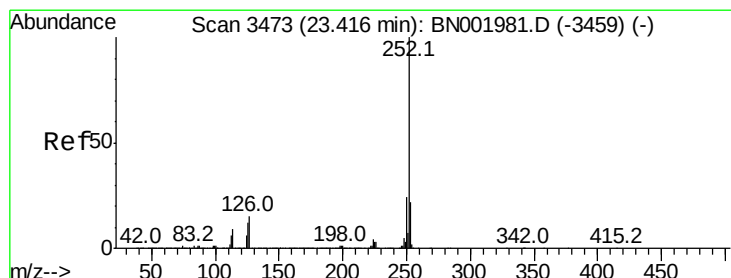
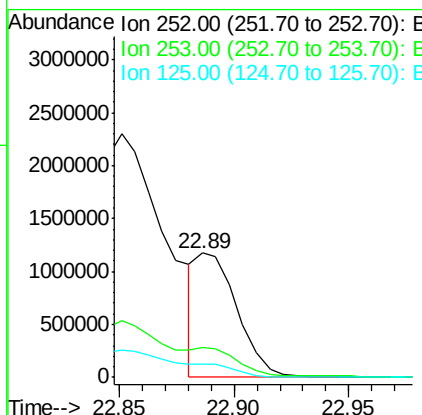
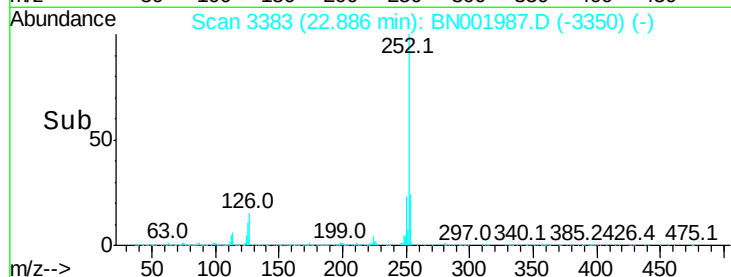
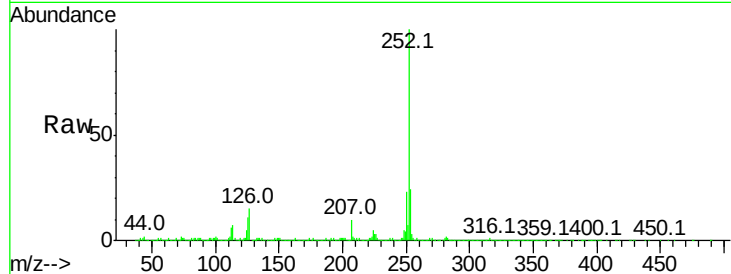
#86
Benzo(k)fluoranthene
Concen: 10.798 ng/ul m
RT: 22.89 min Scan# 3383
Delta R.T. -0.01 min
Lab File: BN001987.D
Acq: 06 Jul 2018 13:28

Instrument :
BNA_N
ClientSampleId :
F1H02

Tot Ion:252 Resp: 1410414
Ion Ratio Lower Upper
252 100
253 23.8 17.1 25.7
125 10.9 5.4 8.0#

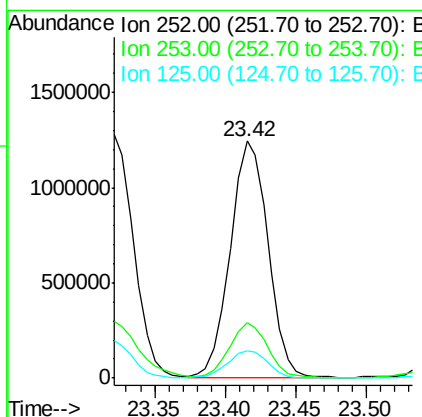
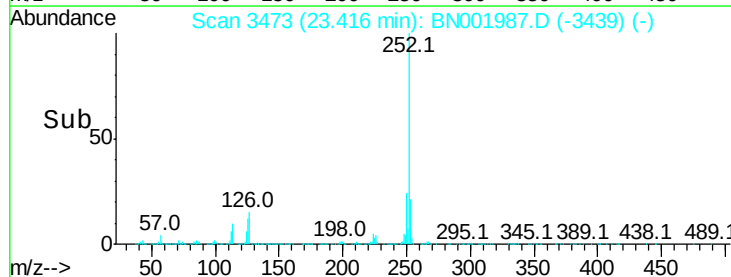
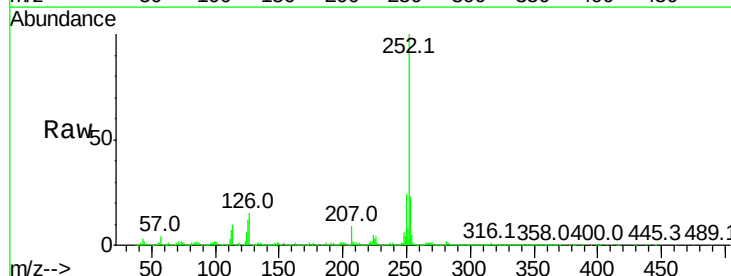
Manual Integrations
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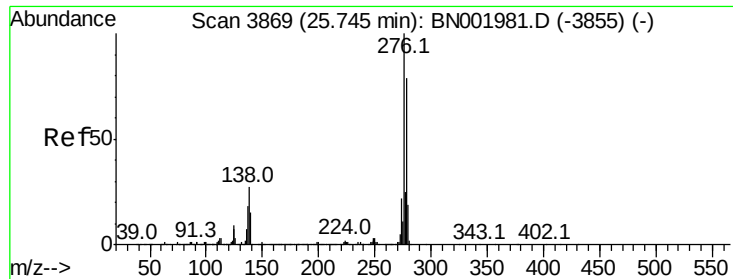
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#88
Benzo(a)pyrene
Concen: 18.324 ng/ul
RT: 23.42 min Scan# 3473
Delta R.T. 0.00 min
Lab File: BN001987.D
Acq: 06 Jul 2018 13:28

Tgt Ion:252 Resp: 2306536
Ion Ratio Lower Upper
252 100
253 23.2 17.2 25.8
125 11.8 5.8 8.6#





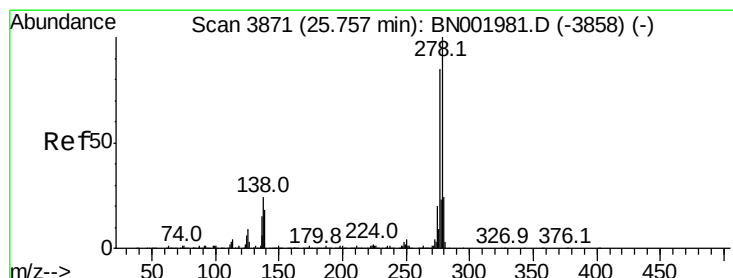
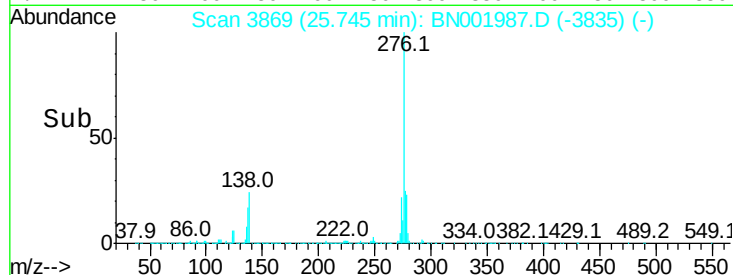
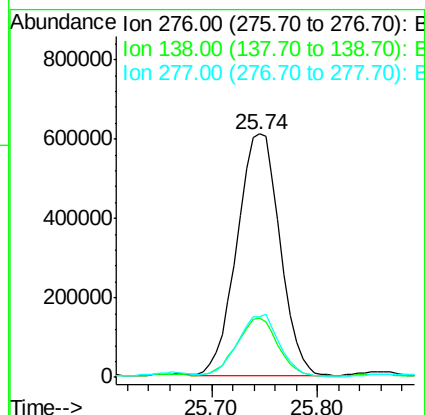
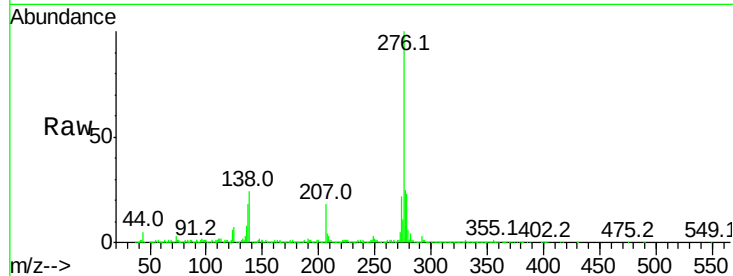
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 12.911 ng/ul
 RT: 25.74 min Scan# 3869
 Delta R.T. 0.00 min
 Lab File: BN001987.D
 Acq: 06 Jul 2018 13:28

Instrument :
 BNA_N
 ClientSampleId :
 F1H02

Tot Ion:276 Resp: 1729240
 Ion Ratio Lower Upper
 276 100
 138 24.4 10.9 16.3#
 277 25.1 18.9 28.3

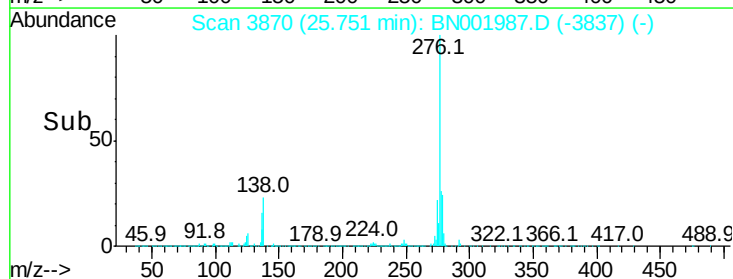
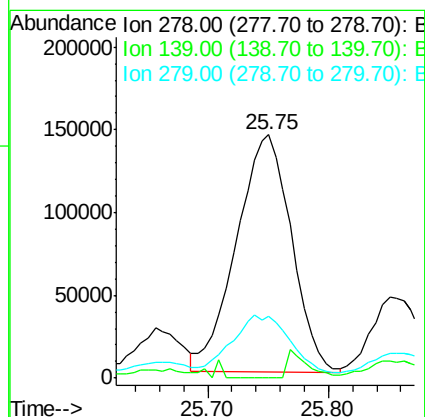
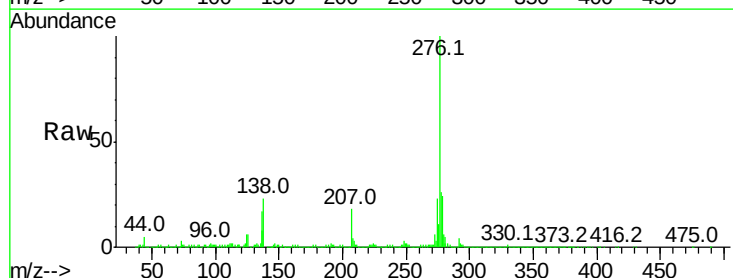
Manual Integrations
 APPROVED

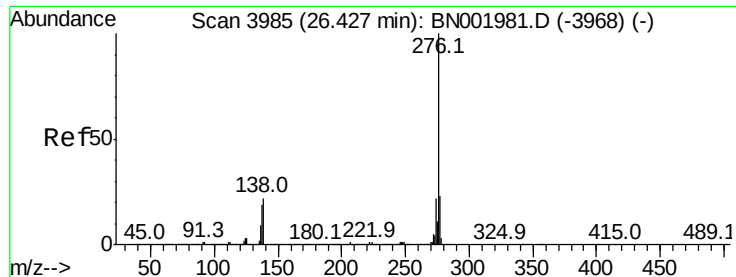
Sohil
 7/9/2018 2:09:19 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 4.087 ng/ul
 RT: 25.75 min Scan# 3870
 Delta R.T. -0.01 min
 Lab File: BN001987.D
 Acq: 06 Jul 2018 13:28

Tgt Ion:278 Resp: 455586
 Ion Ratio Lower Upper
 278 100
 139 0.0 9.0 13.4#
 279 25.6 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 12.715 ng/ul

RT: 26.43 min Scan# 3985

Delta R.T. 0.01 min

Lab File: BN001987.D

Acq: 06 Jul 2018 13:28

Instrument :

BNA_N

ClientSampleId :

F1H02

Tot Ion:276 Resp: 1404822

Ion Ratio Lower Upper

276 100

138 23.0 11.2 16.8#

277 24.3 19.0 28.6

Manual Integrations

APPROVED

Sohil

7/9/2018 2:09:19 PM

