

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
 Data File : BN002606.D
 Acq On : 06 Sep 2018 06:33
 Operator : JU/SJ
 Sample : J4688-08 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YY6

Manual Integrations
 APPROVED

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 9/6/2018 4:30:02 PM

Quant Time: Sep 06 09:05:49 2018
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 06 06:54:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	214800	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	980103	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	575565	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1259265	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1022477	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	842071	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	1722	0.38	ng/uL	0.00
5) Phenol-d5	6.85	99	38269	1.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	24084	1.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	31069	2.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	31876	2.02	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	14132	1.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	15379	1.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	31431	2.08	ng/ul	0.01
29) 4-Chloroaniline-d4	10.59	131	35851	2.20	ng/ul	0.01
43) Dimethylphthalate-d6	13.71	166	112941	2.37	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	135813	2.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	2086	0.23	ng/ul	0.05
57) Fluorene-d10	15.29	176	107579	2.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	1129	0.14	ng/ul	0.02
70) Anthracene-d10	17.15	188	158589	2.64	ng/ul	0.00
78) Pyrene-d10	19.45	212	159036	3.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	115667	2.63	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.48	128	96418	1.912	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	52521	1.411	ng/ul	96
44) Dimethylphthalate	13.75	163	67230	1.437	ng/ul	99
49) Acenaphthene	14.36	153	272480	6.931	ng/ul	99
53) Dibenzofuran	14.70	168	265269	4.783	ng/ul	96
58) Fluorene	15.35	166	311531	6.866	ng/ul	99
69) Phenanthrene	17.09	178	6113766	88.068	ng/ul	99
71) Anthracene	17.18	178	1363102	19.360	ng/ul	100
74) Carbazole	17.45	167	573582	9.186	ng/ul	99
76) Fluoranthene	19.12	202	6588270	83.384	ng/ul#	96
79) Pyrene	19.48	202	6794433	110.205	ng/ul	96
82) Benzo(a)anthracene	21.23	228	2919767	46.611	ng/ul	98
84) Chrysene	21.29	228	2774584	46.799	ng/ul	98
87) Benzo(b)fluoranthene	22.81	252	2310236	45.769	ng/ul	98
88) Benzo(k)fluoranthene	22.85	252	810224m	17.038	ng/ul	
90) Benzo(a)pyrene	23.37	252	1818200	37.814	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.68	276	957253	16.735	ng/ul#	92
92) Dibenzo(a,h)anthracene	25.68	278	277121	5.795	ng/ul#	82
93) Benzo(g,h,i)perylene	26.36	276	940055	19.696	ng/ul	97

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

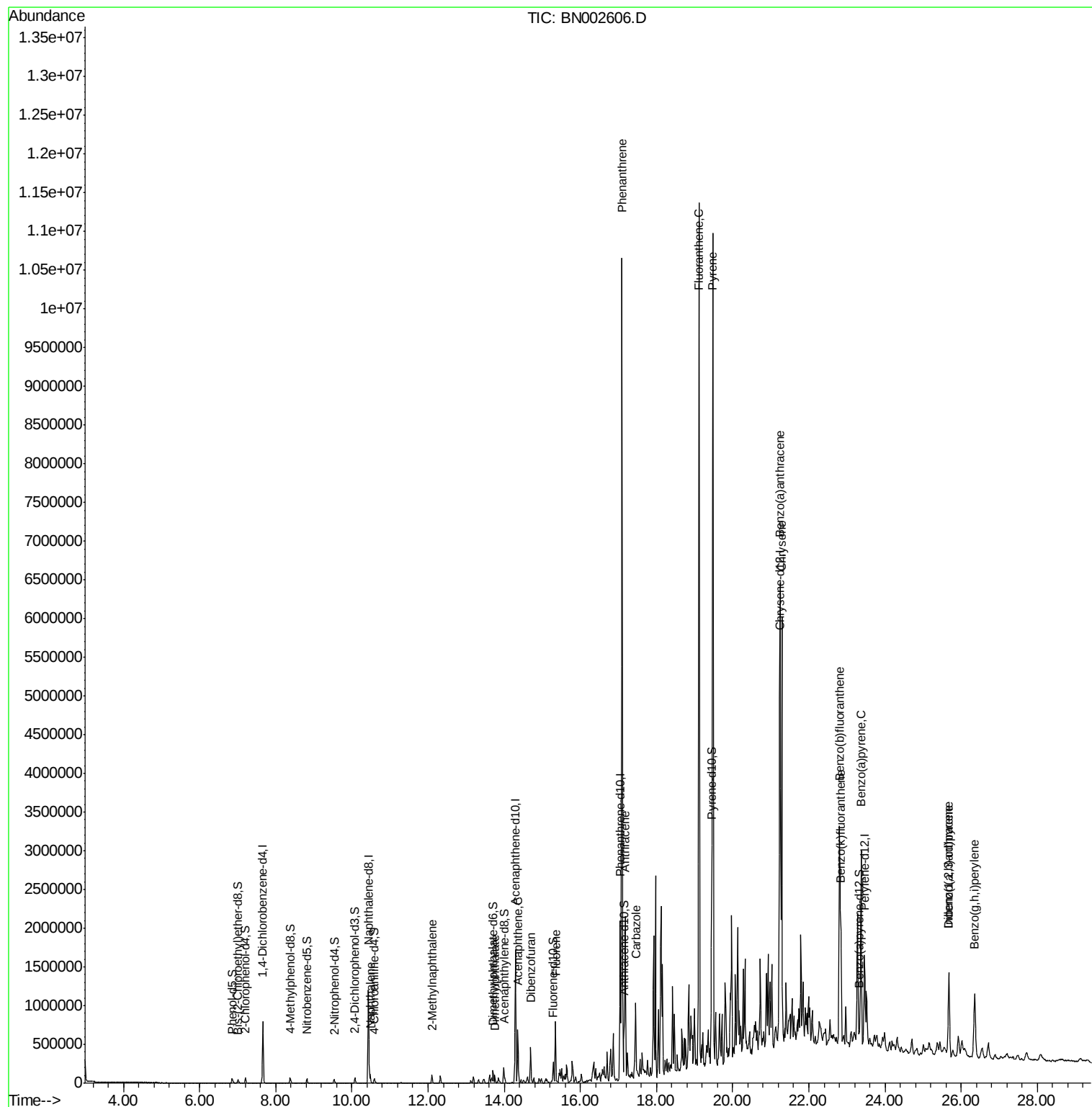
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN090518\
Data File : BN002606.D
Acq On : 06 Sep 2018 06:33
Operator : JU/SJ
Sample : J4688-08 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

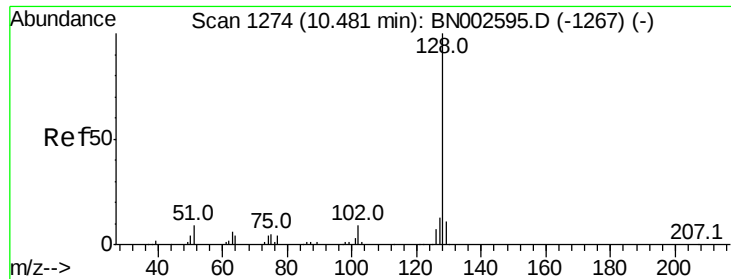
Instrument :
BNA_N
ClientSampled :
A3YY6

Quant Time: Sep 06 09:05:49 2018
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 06 06:54:57 2018
Response via : Initial Calibration

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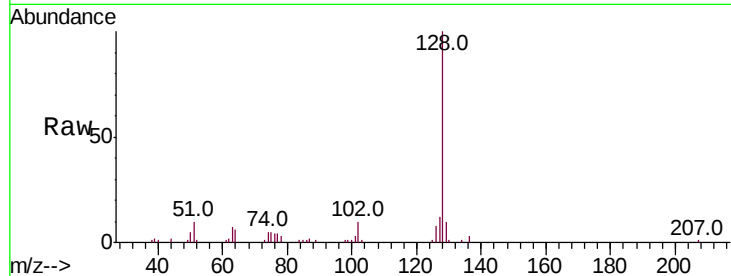
#28
Naphthalene
Concen: 1.912 ng/ul
RT: 10.48 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BN002606.D
Acq: 06 Sep 2018 06:33

Instrument :
BNA_N
ClientSampled :
A3YY6

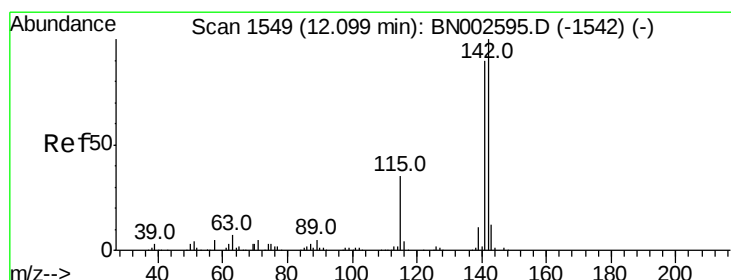
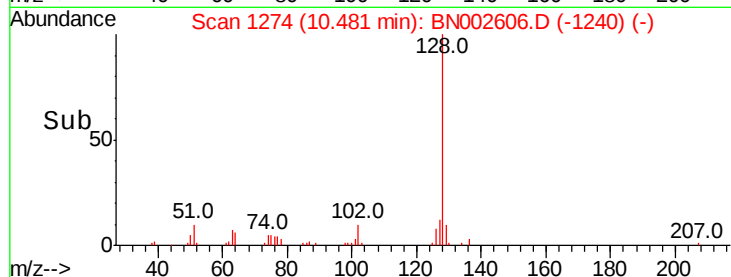
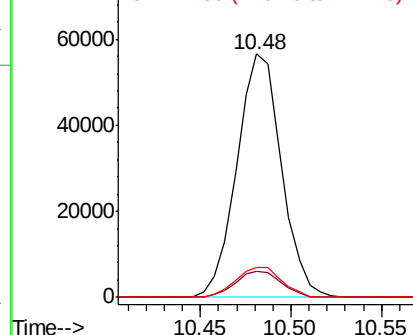
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.8	13.2
127	12.4	10.5	15.7

Manual Integrations
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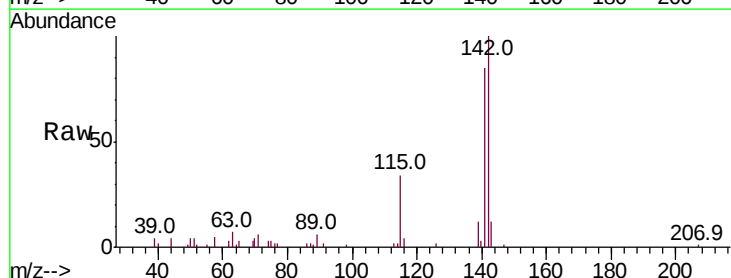


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

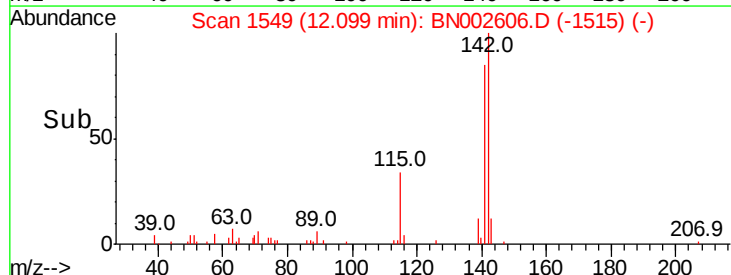
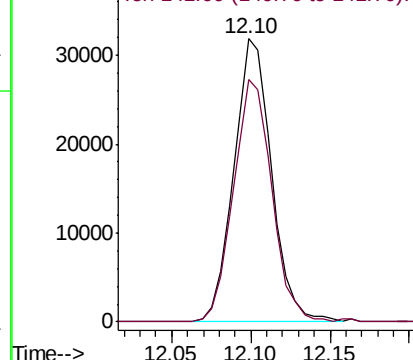


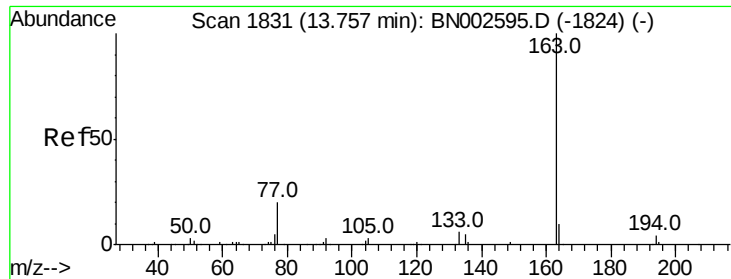
#34
2-Methylnaphthalene
Concen: 1.411 ng/ul
RT: 12.10 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BN002606.D
Acq: 06 Sep 2018 06:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.4	71.6	107.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





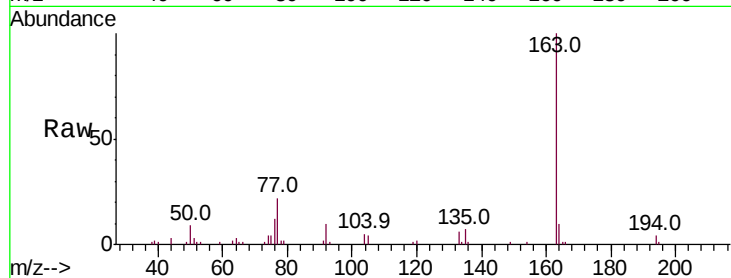
#44
Dimethylphthalate
Concen: 1.437 ng/ul
RT: 13.75 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BN002606.D
Acq: 06 Sep 2018 06:33

Instrument :
BNA_N
ClientSampleId :
A3YY6

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.1	7.8	11.8

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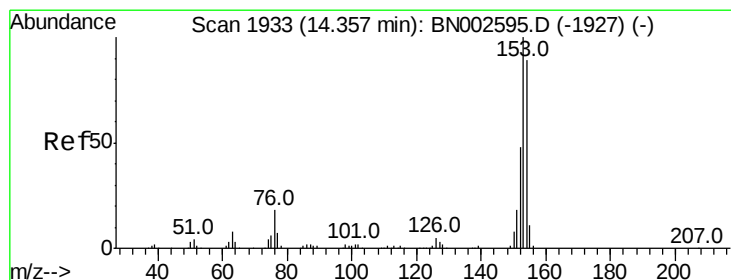
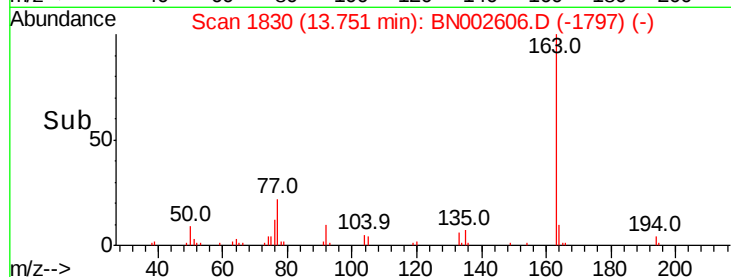
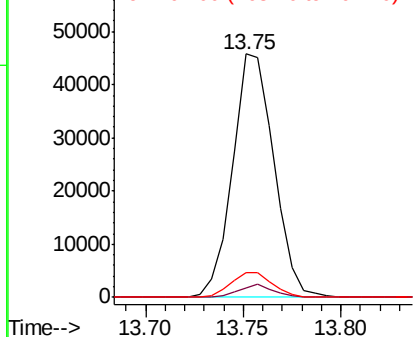


Abundance

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



#49
Acenaphthene
Concen: 6.931 ng/ul
RT: 14.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BN002606.D
Acq: 06 Sep 2018 06:33

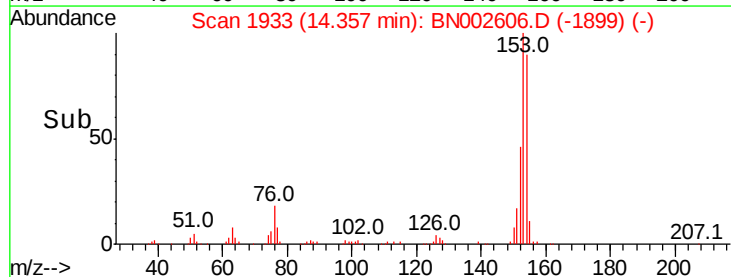
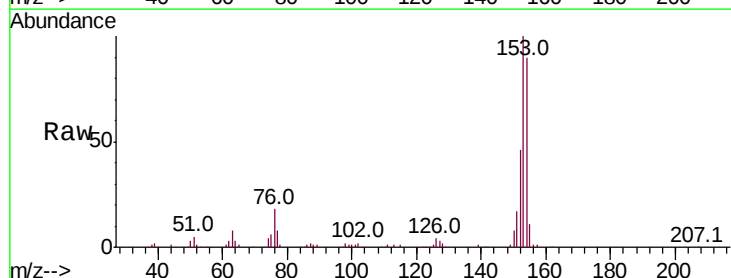
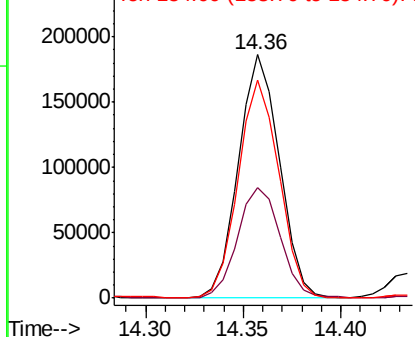
Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.6	38.3	57.5
154	89.5	71.8	107.8

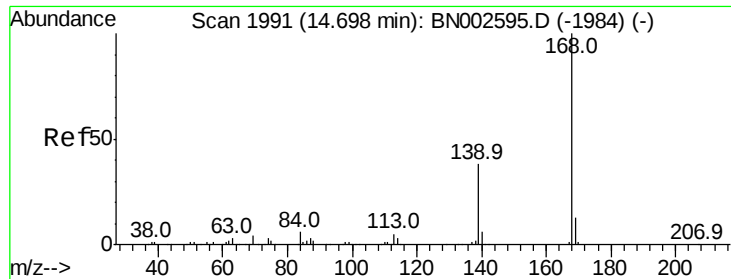
Abundance

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





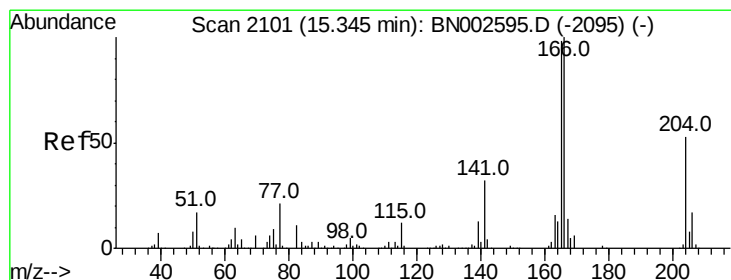
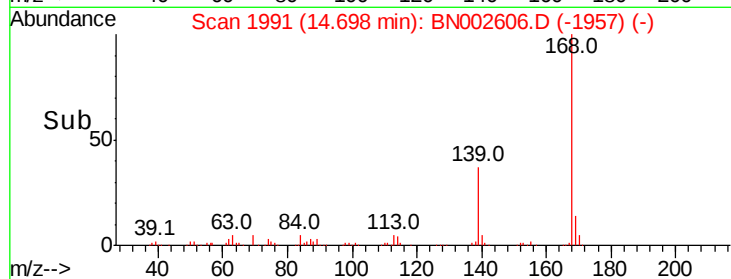
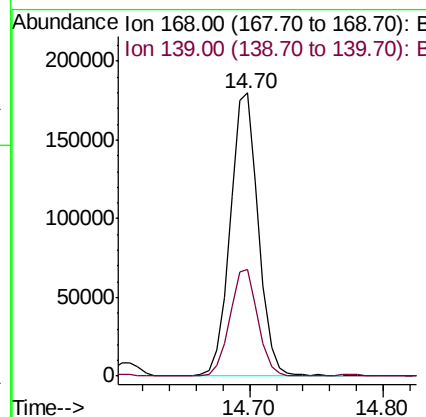
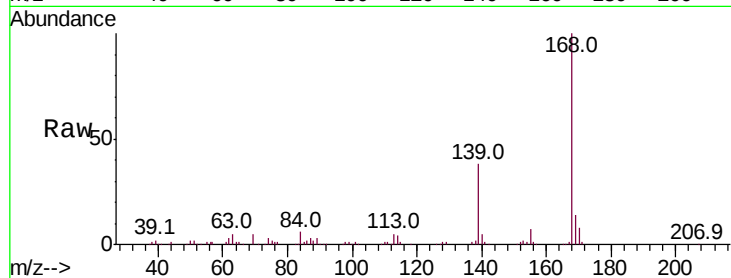
#53
Dibenzofuran
Concen: 4.783 ng/ul
RT: 14.70 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BN002606.D
Acq: 06 Sep 2018 06:33

Instrument :
BNA_N
ClientSampled :
A3YY6

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	32.2	48.2

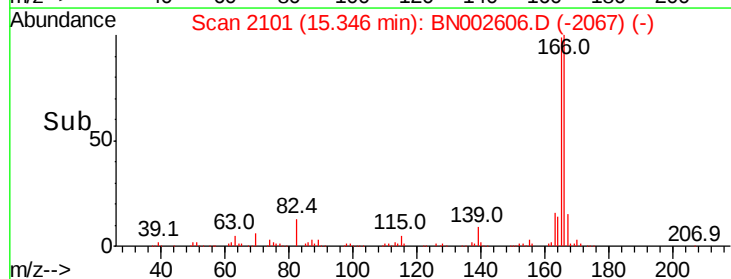
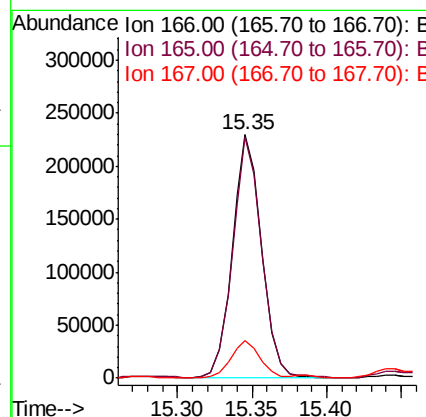
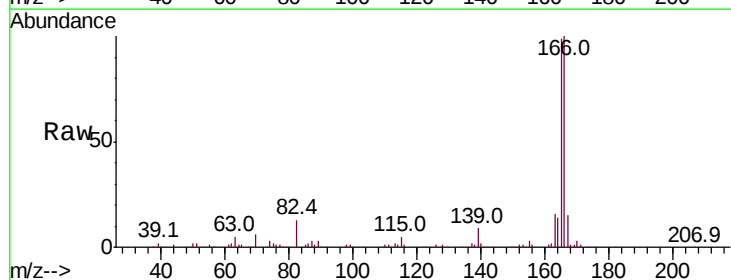
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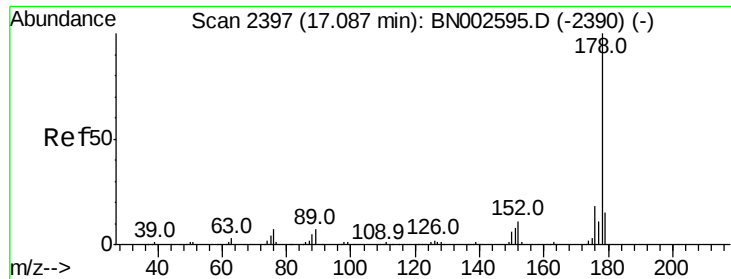
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#58
Fluorene
Concen: 6.866 ng/ul
RT: 15.35 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BN002606.D
Acq: 06 Sep 2018 06:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.5	117.7
167	15.5	10.7	16.1





#69

Phenanthrene

Concen: 88.068 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BN002606.D

Acq: 06 Sep 2018 06:33

Instrument :

BNA_N

ClientSampleId :

A3YY6

Tot Ion:178 Resp: 6113766

Ion Ratio Lower Upper

178 100

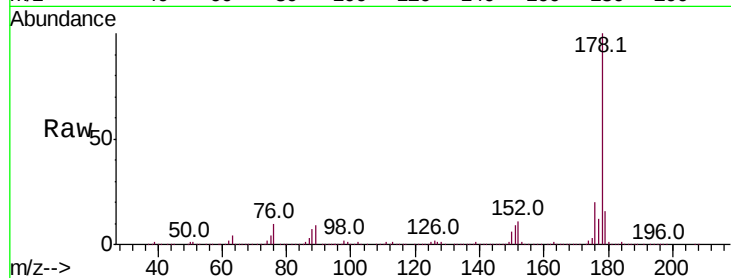
179 16.1 12.2 18.4

176 20.0 15.6 23.4

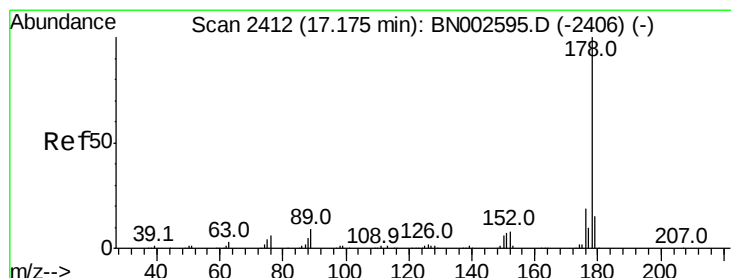
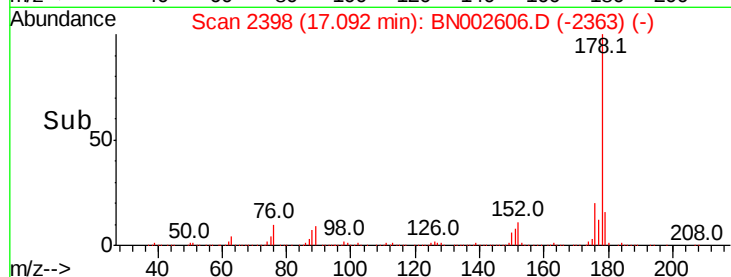
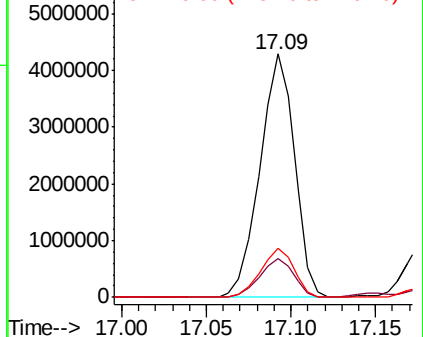
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 19.360 ng/ul

RT: 17.18 min Scan# 2413

Delta R.T. 0.01 min

Lab File: BN002606.D

Acq: 06 Sep 2018 06:33

Tgt Ion:178 Resp: 1363102

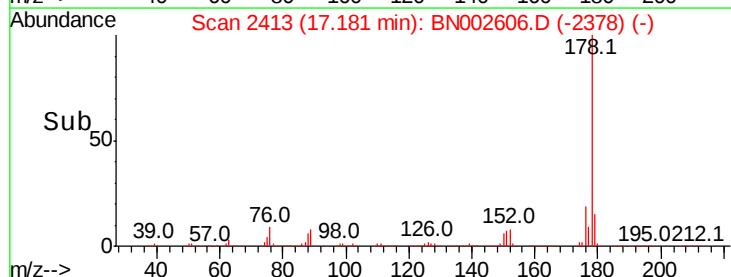
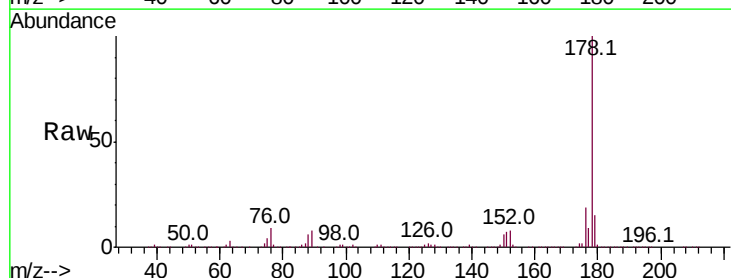
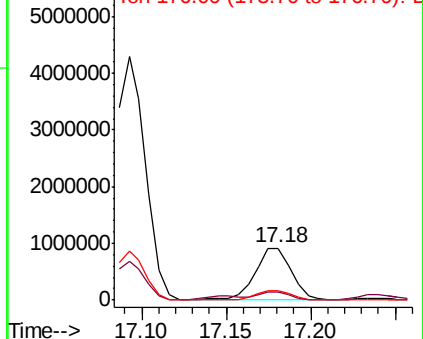
Ion Ratio Lower Upper

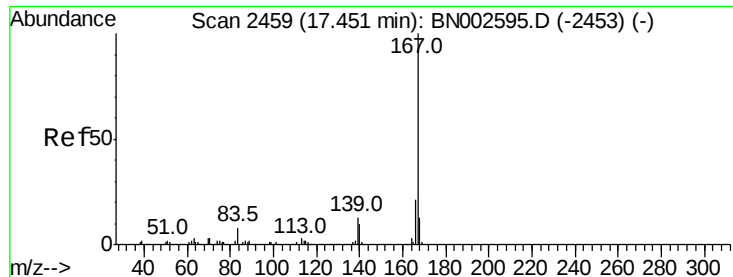
178 100

179 15.3 12.1 18.1

176 18.6 14.8 22.2

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





#74

Carbazole

Concen: 9.186 ng/ul

RT: 17.45 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BN002606.D

Acq: 06 Sep 2018 06:33

Instrument :

BNA_N

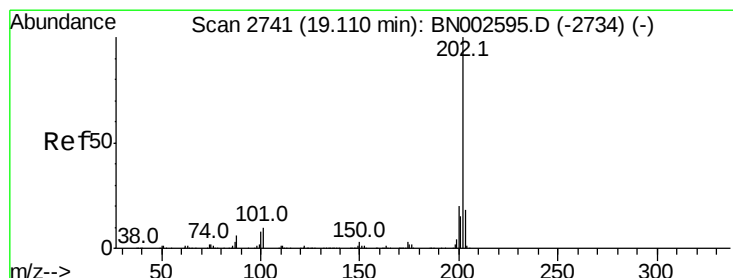
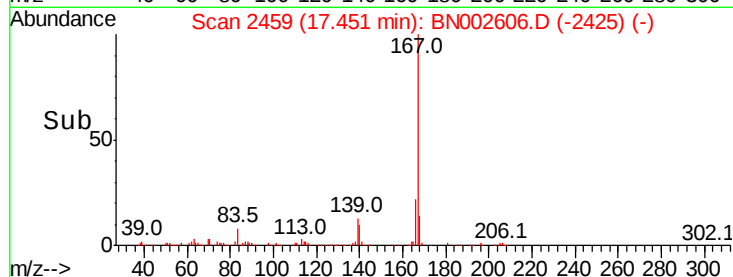
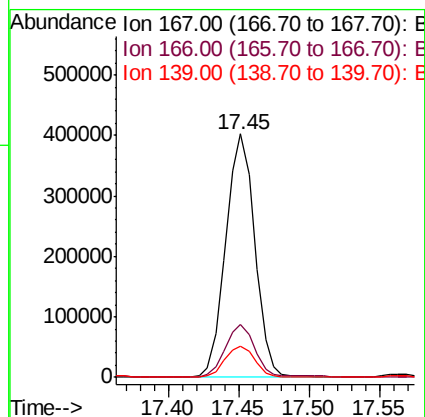
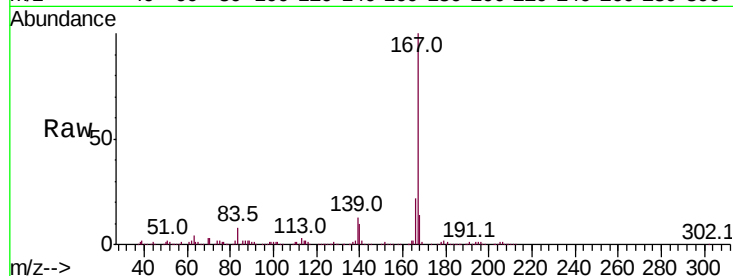
ClientSampled :

A3YY6

Tot Ion:	167	Resp:	573582
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.0	25.6
139	12.9	11.0	16.4

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#76

Fluoranthene

Concen: 83.384 ng/ul

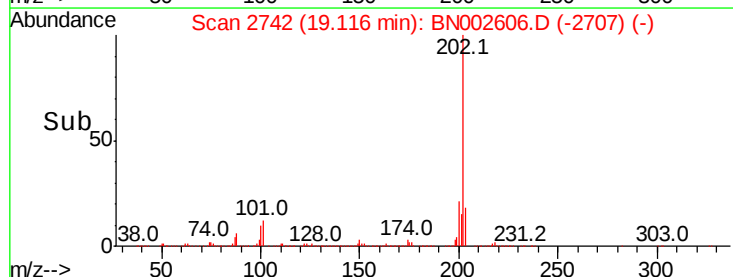
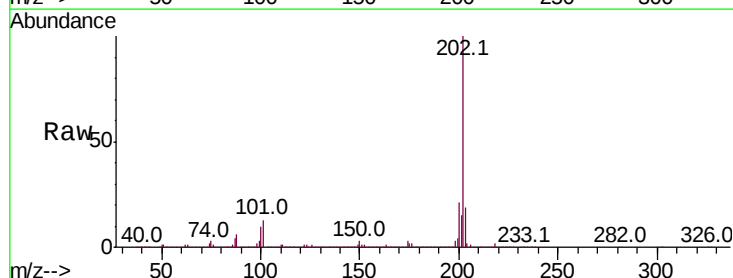
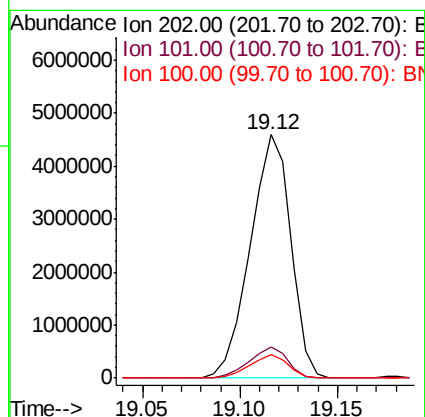
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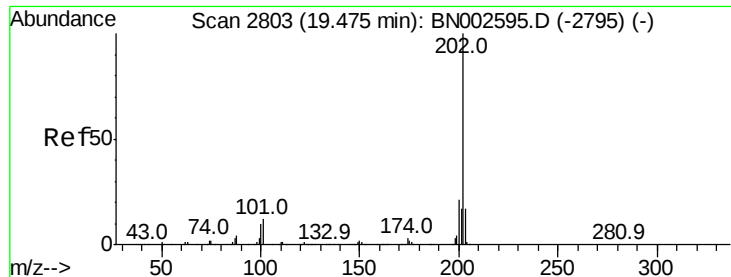
Delta R.T. 0.01 min

Lab File: BN002606.D

Acq: 06 Sep 2018 06:33

Tgt Ion:	202	Resp:	6588270
Ion Ratio	Lower	Upper	
202	100		
101	12.6	8.8	13.2
100	9.9	6.6	9.8#





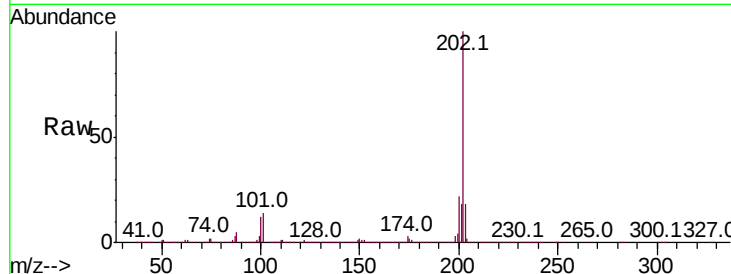
#79
Pvrene
Concen: 110.205 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.01 min
Lab File: BN002606.D
Acq: 06 Sep 2018 06:33

Instrument :
BNA_N
ClientSampleId :
A3YY6

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.4	10.2	15.2
100	11.7	8.5	12.7

Manual Integrations
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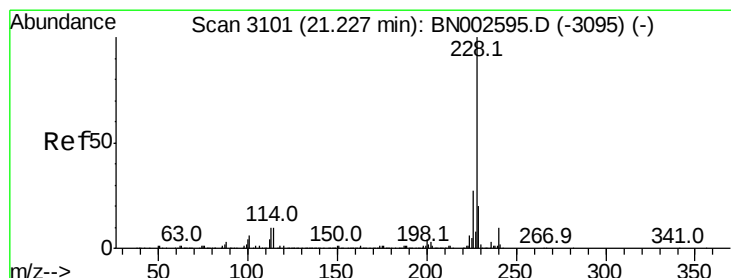
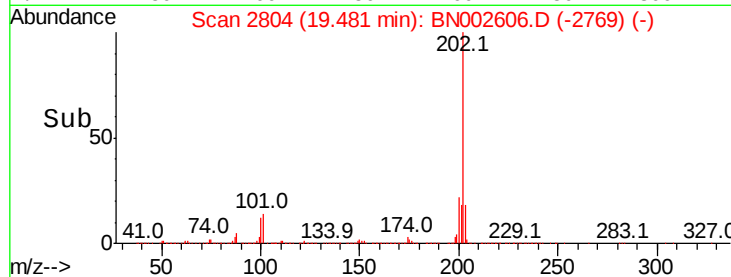
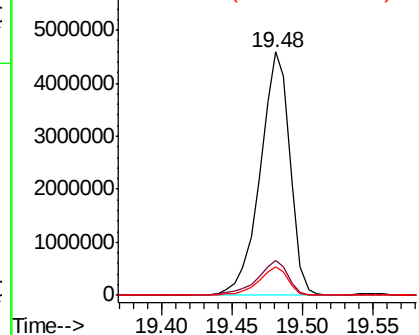


Abundance

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): E



#82
Benzo(a)anthracene
Concen: 46.611 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BN002606.D
Acq: 06 Sep 2018 06:33

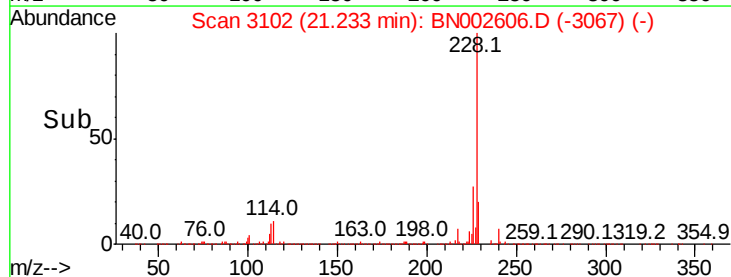
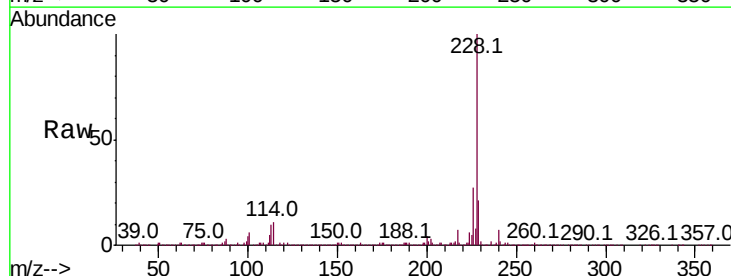
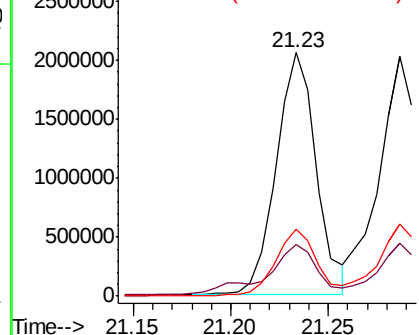
Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.7	23.5
226	27.4	21.8	32.6

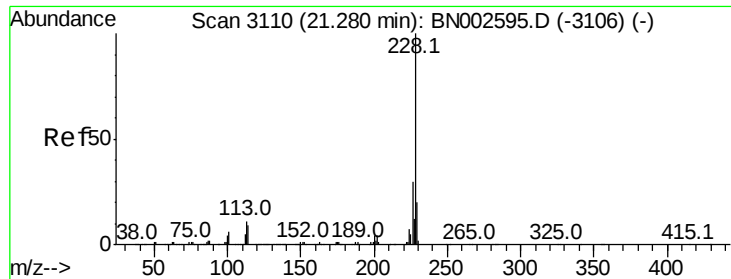
Abundance

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: 46.799 ng/ul

RT: 21.29 min Scan# 3111

Delta R.T. 0.01 min

Lab File: BN002606.D

Acq: 06 Sep 2018 06:33

Instrument :

BNA_N

ClientSampled :

A3YY6

Tot Ion:228 Resp: 2774584

Ion Ratio Lower Upper

228 100

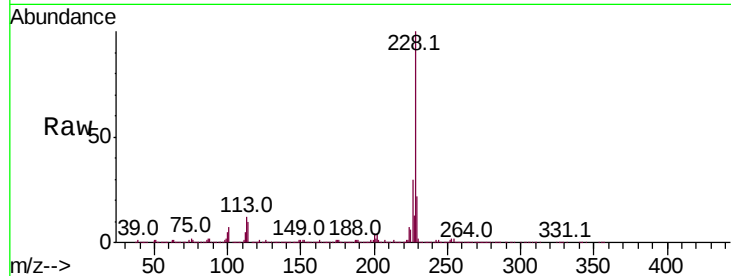
226 30.0 24.0 36.0

229 22.2 15.6 23.4

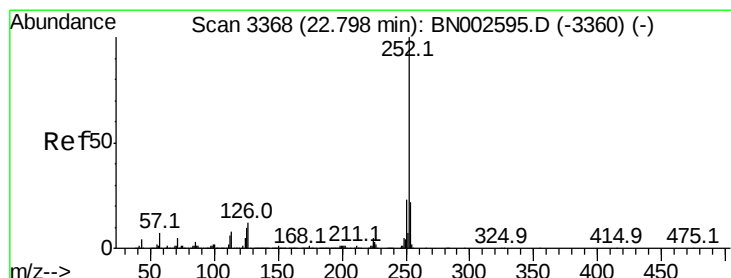
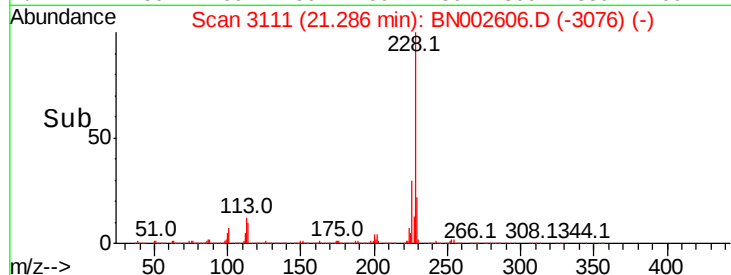
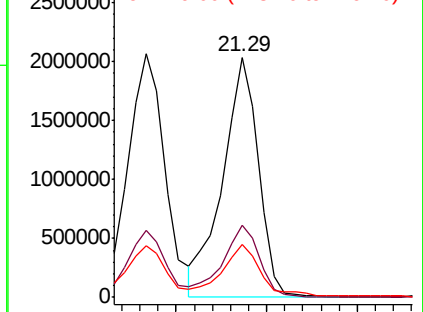
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 45.769 ng/ul

RT: 22.81 min Scan# 3370

Delta R.T. 0.01 min

Lab File: BN002606.D

Acq: 06 Sep 2018 06:33

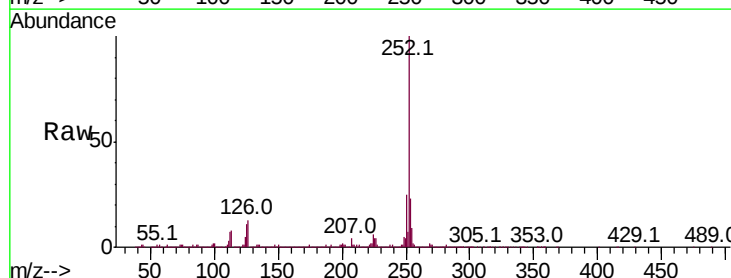
Tgt Ion:252 Resp: 2310236

Ion Ratio Lower Upper

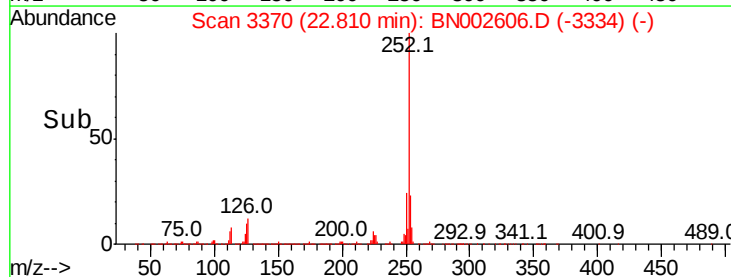
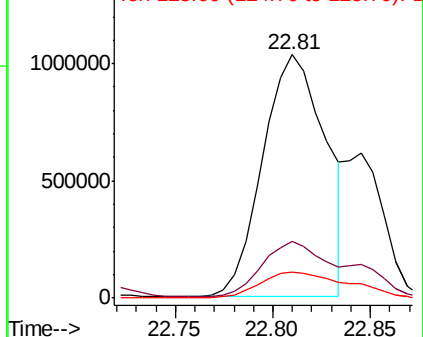
252 100

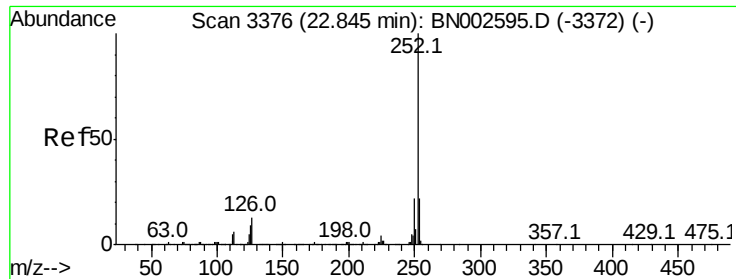
253 23.5 17.5 26.3

125 10.7 8.5 12.7



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





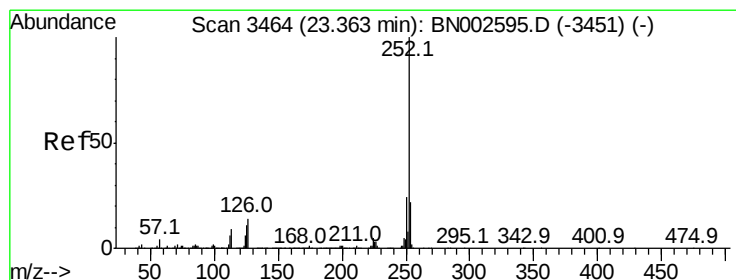
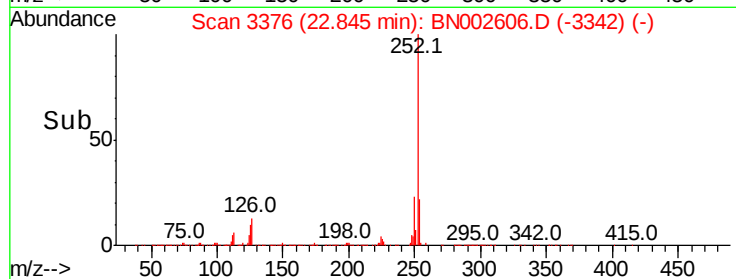
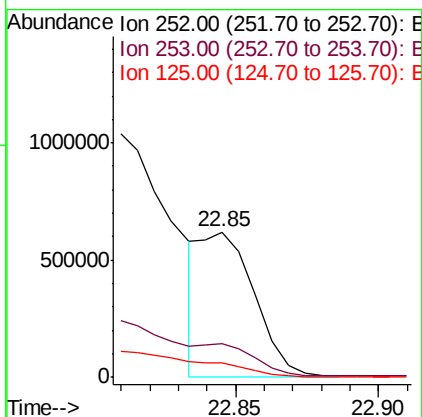
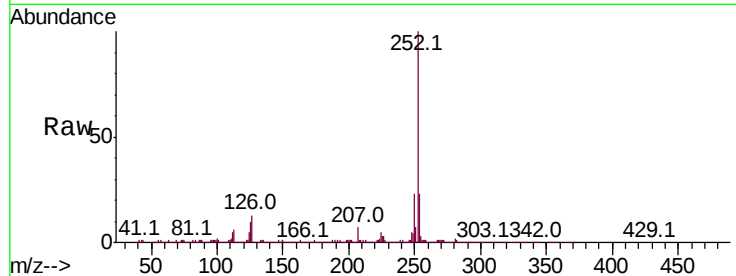
#88
Benzo(k)fluoranthene
Concen: 17.038 ng/ul m
RT: 22.85 min Scan# 3376
Delta R.T. 0.00 min
Lab File: BN002606.D
Acq: 06 Sep 2018 06:33

Instrument :
BNA_N
ClientSampled :
A3YY6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	10.0	8.2	12.2

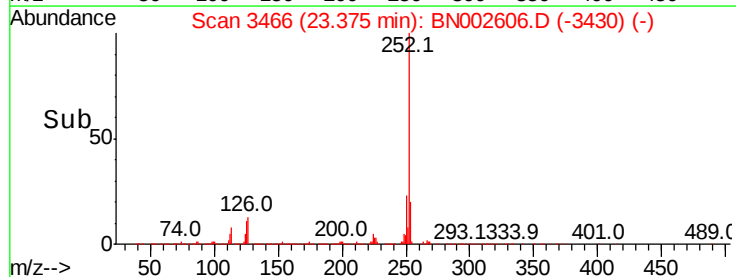
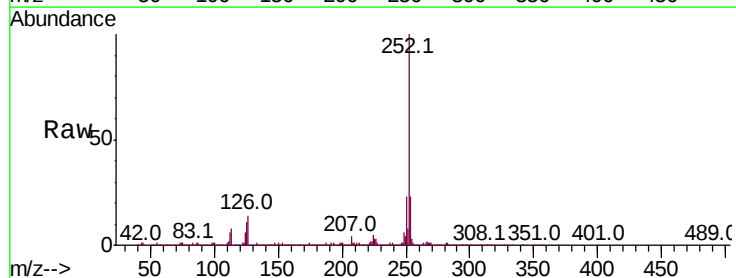
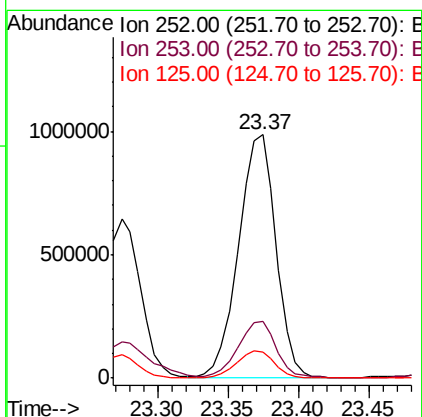
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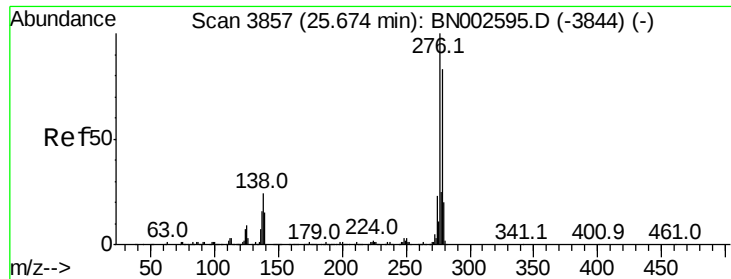
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#90
Benzo(a)pyrene
Concen: 37.814 ng/ul
RT: 23.37 min Scan# 3466
Delta R.T. 0.01 min
Lab File: BN002606.D
Acq: 06 Sep 2018 06:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	10.8	9.0	13.6





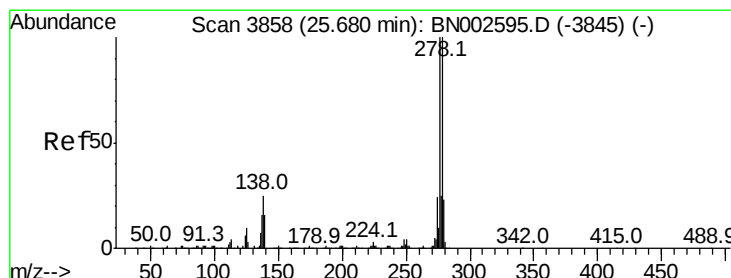
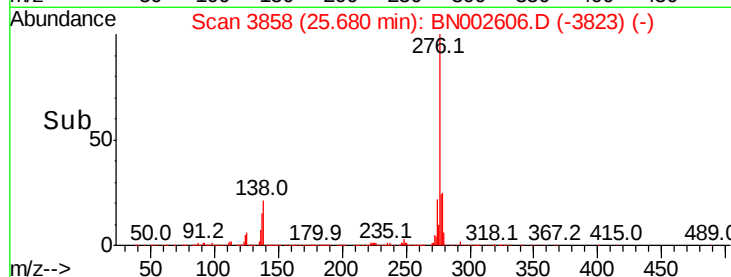
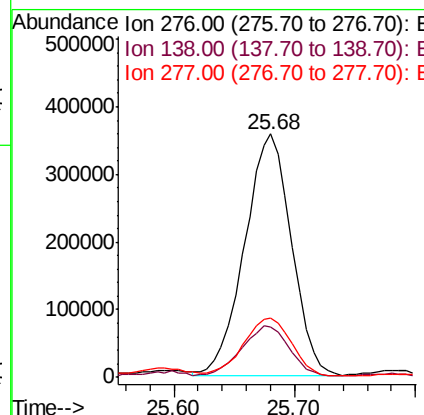
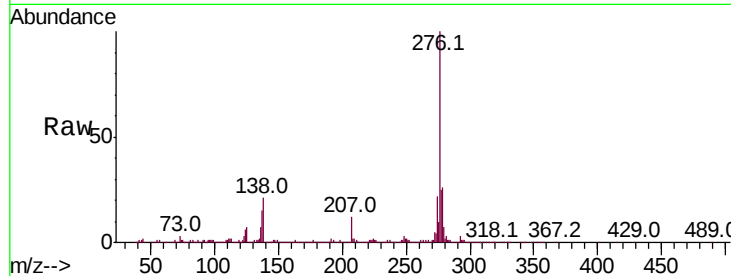
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 16.735 ng/u1
 RT: 25.68 min Scan# 3858
 Delta R.T. 0.01 min
 Lab File: BN002606.D
 Acq: 06 Sep 2018 06:33

Instrument :
 BNA_N
 ClientSampleId :
 A3YY6

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	22.3	33.5#
277	24.5	20.2	30.2

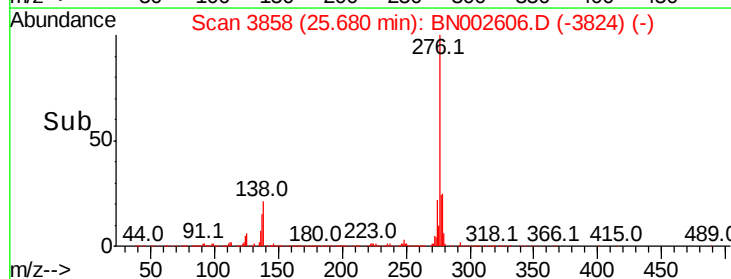
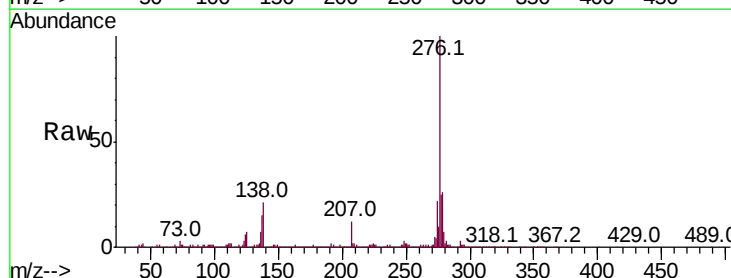
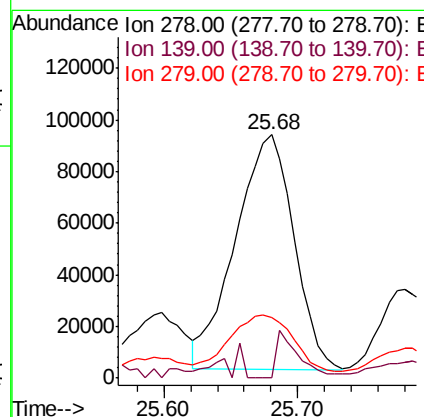
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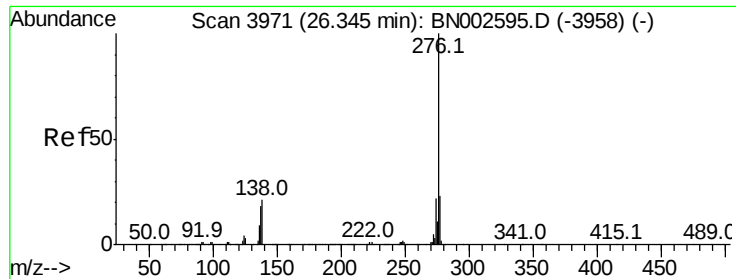
Sohil
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#92
 Dibenzo(a,h)anthracene
 Concen: 5.795 ng/u1
 RT: 25.68 min Scan# 3858
 Delta R.T. 0.00 min
 Lab File: BN002606.D
 Acq: 06 Sep 2018 06:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.9	20.9#
279	25.0	19.0	28.4





#93

Benzo(a,h,i)perylene

Concen: 19.696 ng/ul

RT: 26.36 min Scan# 3973

Delta R.T. 0.01 min

Lab File: BN002606.D

Acq: 06 Sep 2018 06:33

Instrument :

BNA_N

ClientSampleId :

A3YY6

Tot Ion:	276	Resp:	940055
Ion Ratio	Lower	Upper	
276	100		
138	21.5	18.9	28.3
277	25.0	19.2	28.8

Manual Integrations
APPROVED

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9/6/2018 4:30:02 PM

