

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
 Data File : BN000848.D
 Acq On : 24 Apr 2018 13:55
 Operator : JU/SJ
 Sample : J2443-23
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DASB5

Manual Integrations
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Quant Time: Apr 25 07:35:08 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 13:09:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	133178	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	585928	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	294264	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	553609	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	456971	20.00	ng/ul	0.00
22) Perylene-d12	23.39	264	471985	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	718006	25.41	ng/ul	0.00
10) Fluorene-d10	15.25	176	476269	25.25	ng/ul	0.00
14) Anthracene-d10	17.10	188	671417	26.52	ng/ul	0.00
18) Pyrene-d10	19.40	212	647316	27.65	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.25	264	580623	26.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.43	128	307929	10.428	ng/ul	99
4) 2-Methylnaphthalene	12.05	142	491010	24.921	ng/ul	98
5) 1-Methylnaphthalene	12.28	142	405362	20.976	ng/ul#	93
8) Acenaphthylene	13.97	152	465094	16.628	ng/ul	98
9) Acenaphthene	14.32	153	240075	12.422	ng/ul	95
11) Fluorene	15.30	166	246808	11.997	ng/ul	93
13) Phenanthrene	17.04	178	393447	13.031	ng/ul	100
15) Anthracene	17.13	178	490116	16.183	ng/ul	98
16) Fluoranthene	19.06	202	954338	31.153	ng/ul#	92
19) Pyrene	19.43	202	392000	13.355	ng/ul#	90
20) Benzo(a)anthracene	21.19	228	340689	12.472	ng/ul	99
21) Chrysene	21.24	228	321636	12.527	ng/ul	98
23) Benzo(b)fluoranthene	22.74	252	1059949m	39.516	ng/ul	
24) Benzo(k)fluoranthene	22.78	252	321041	12.232	ng/ul#	97
26) Benzo(a)pyrene	23.29	252	285285	11.129	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.56	276	422973	13.661	ng/ul#	82
28) Dibenzo(a,h)anthracene	25.57	278	417649	16.185	ng/ul#	96
29) Benzo(g,h,i)perylene	26.22	276	374491	14.461	ng/ul#	92

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

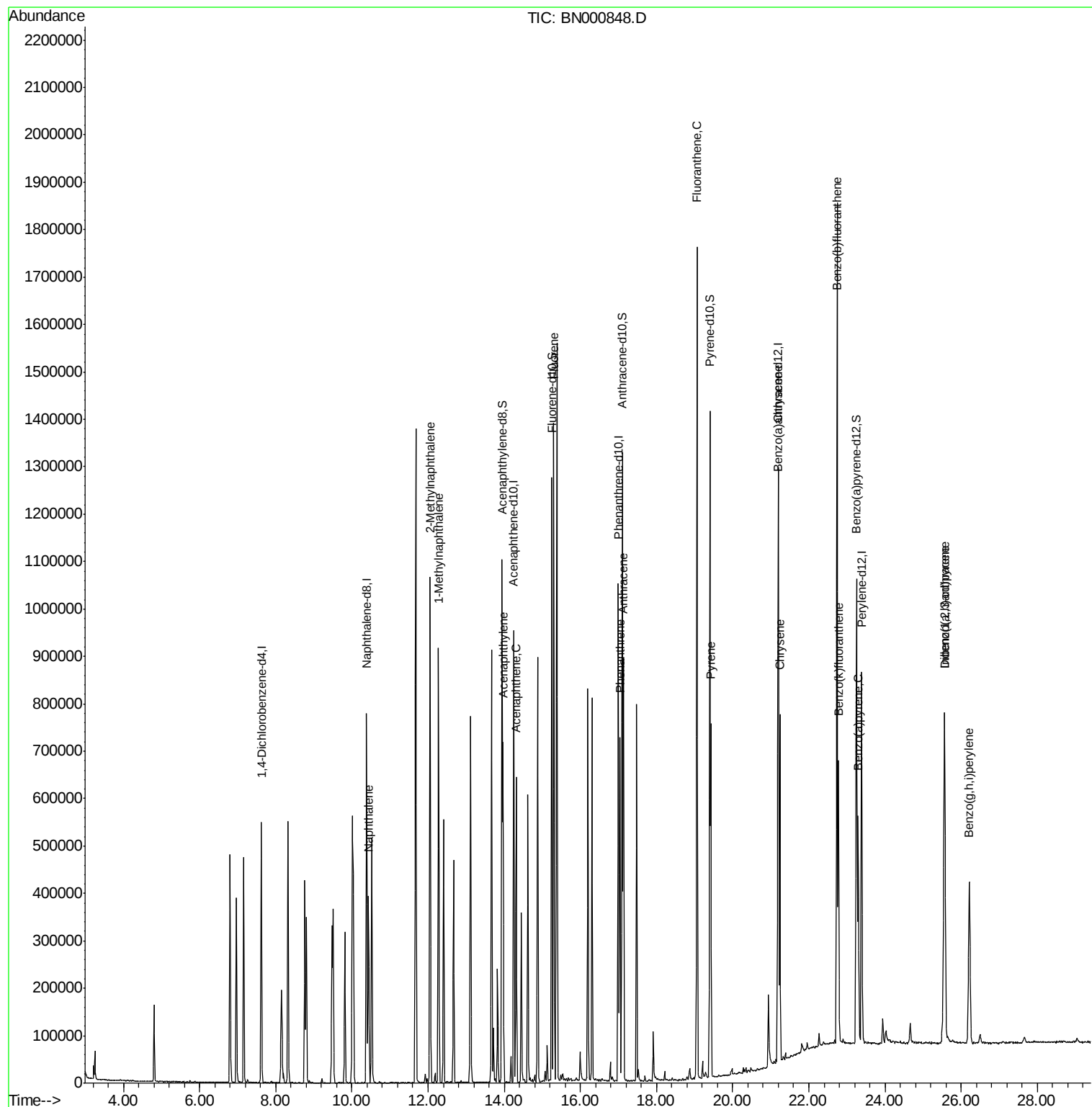
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000848.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

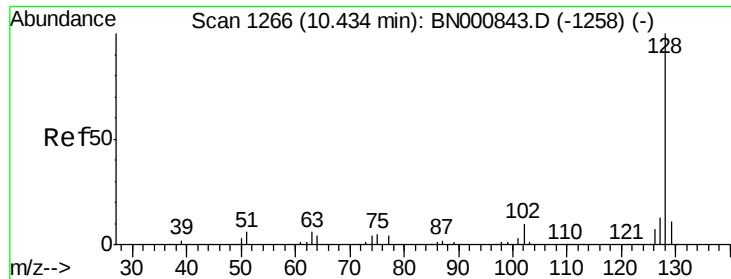
Instrument :
BNA_N
ClientSampleId :
DASB5

Quant Time: Apr 25 07:35:08 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
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#3

Naphthalene

Concen: 10.428 ng/ul

RT: 10.43 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BN000848.D

Acq: 24 Apr 2018 13:55

Instrument :

BNA_N

ClientSampled :

DASB5

Tot Ion:128 Resp: 307929

Ion Ratio Lower Upper

128 100

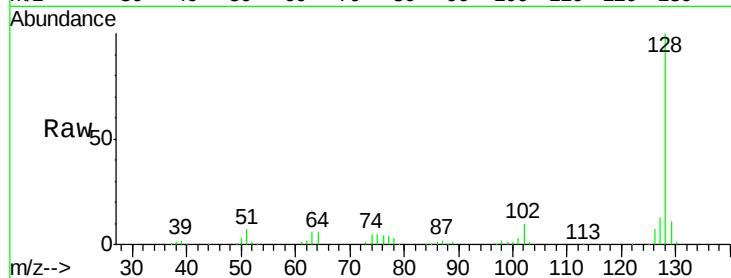
129 10.6 8.7 13.1

127 13.1 10.6 16.0

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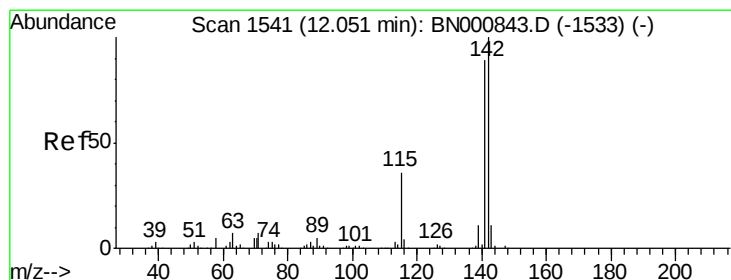
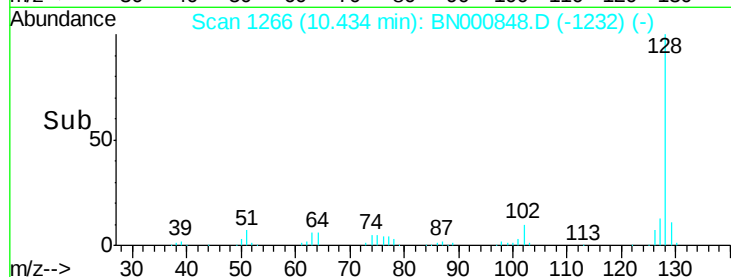
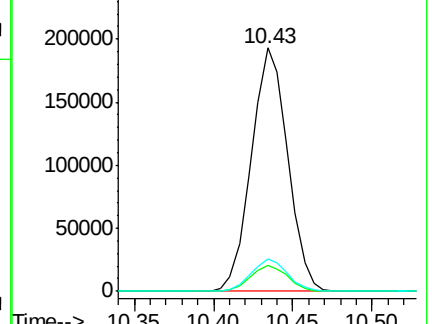
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#4

2-Methylnaphthalene

Concen: 24.921 ng/ul

RT: 12.05 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BN000848.D

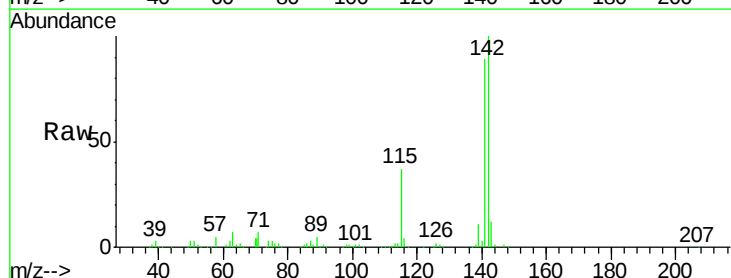
Acq: 24 Apr 2018 13:55

Tgt Ion:142 Resp: 491010

Ion Ratio Lower Upper

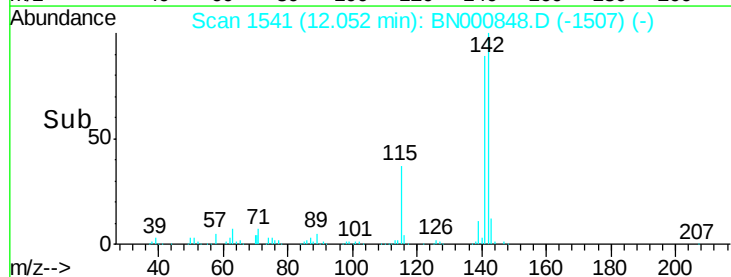
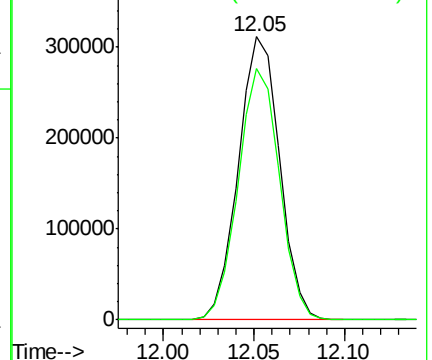
142 100

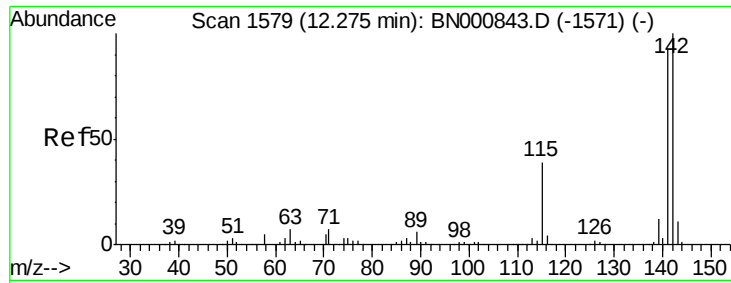
141 88.9 72.7 109.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#5

1-Methylnaphthalene

Concen: 20.976 ng/ul

RT: 12.28 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BN000848.D

Acq: 24 Apr 2018 13:55

Instrument :

BNA_N

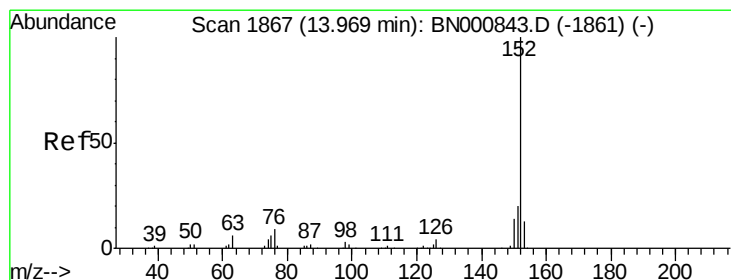
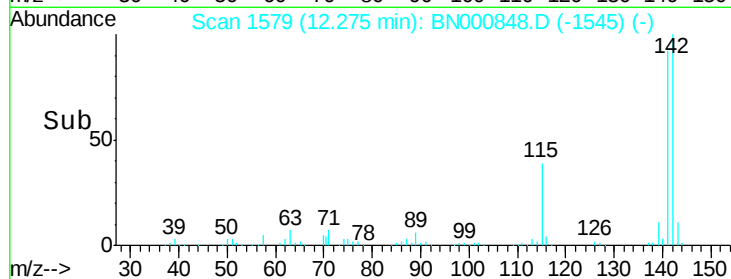
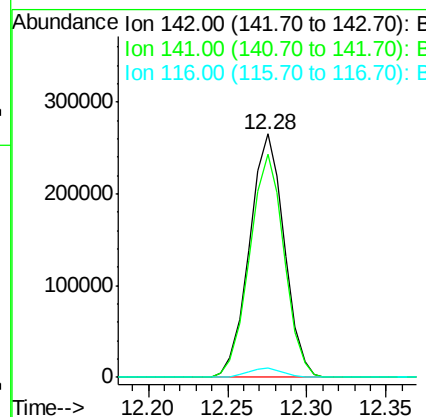
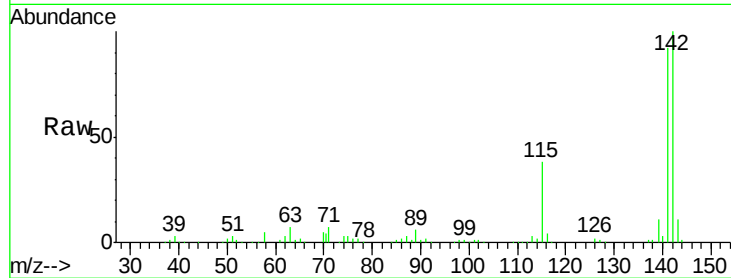
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	79.3	118.9
116	4.0	4.2	6.2

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#8

Acenaphthylene

Concen: 16.628 ng/ul

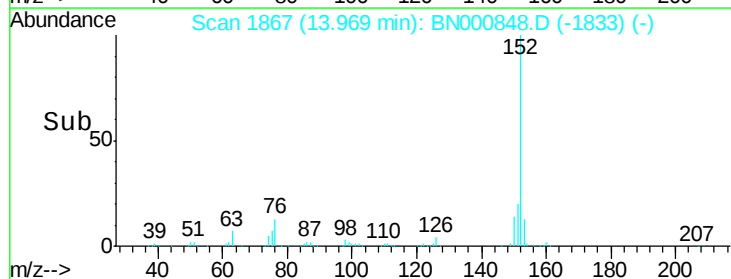
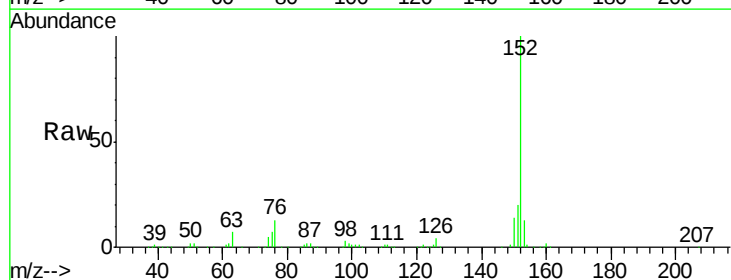
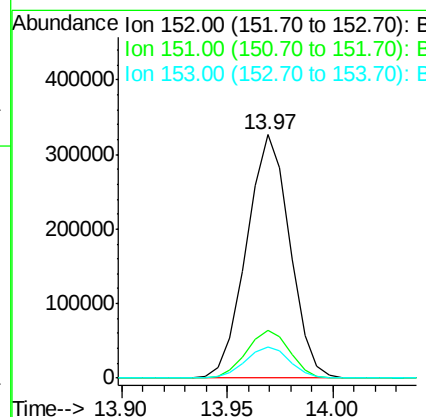
RT: 13.97 min Scan# 1867

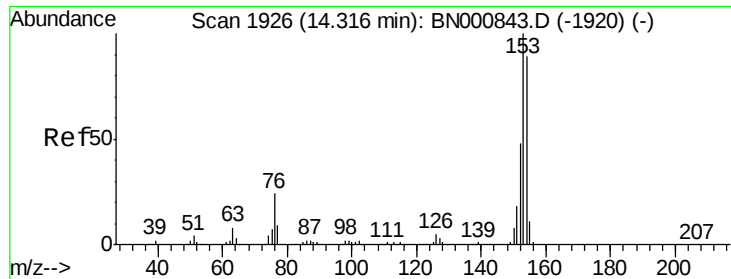
Delta R.T. 0.00 min

Lab File: BN000848.D

Acq: 24 Apr 2018 13:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.7	25.1
153	12.9	10.2	15.4





#9

Acenaphthene

Concen: 12.422 ng/ul

RT: 14.32 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BN000848.D

Acq: 24 Apr 2018 13:55

Instrument :

BNA_N

ClientSampled :

DASB5

Tot Ion:153 Resp: 240075

Ion Ratio Lower Upper

153 100

152 47.8 39.0 58.6

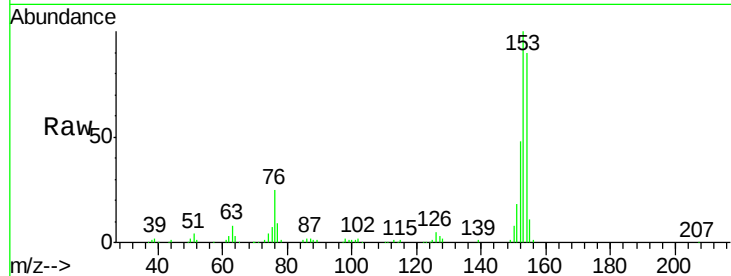
154 89.7 66.8 100.2

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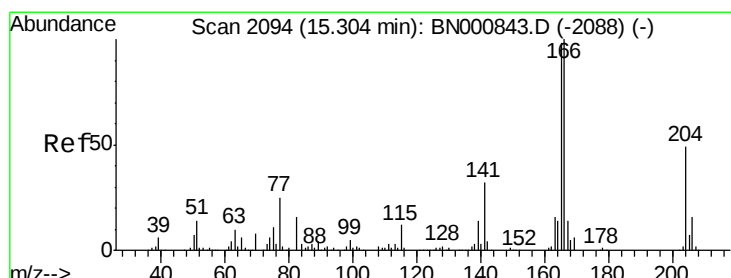
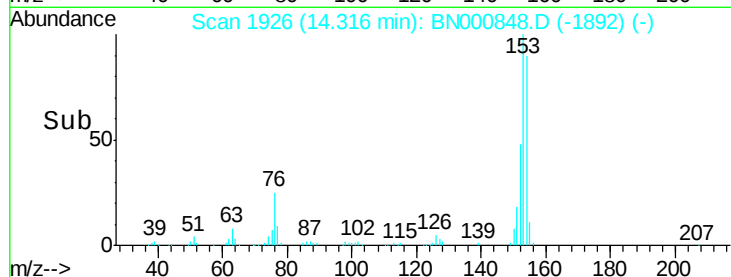
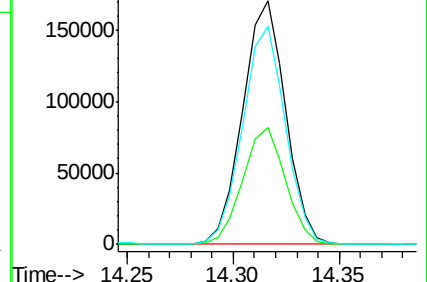
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#11

Fluorene

Concen: 11.997 ng/ul

RT: 15.30 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BN000848.D

Acq: 24 Apr 2018 13:55

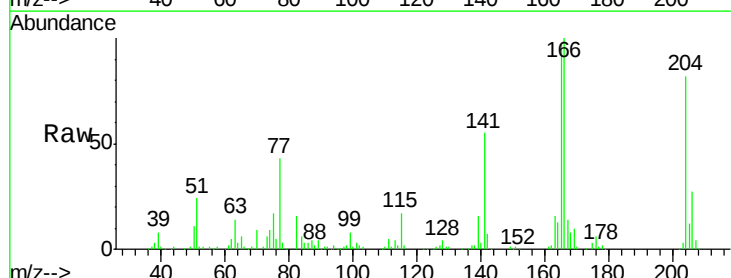
Tgt Ion:166 Resp: 246808

Ion Ratio Lower Upper

166 100

165 96.5 83.8 125.8

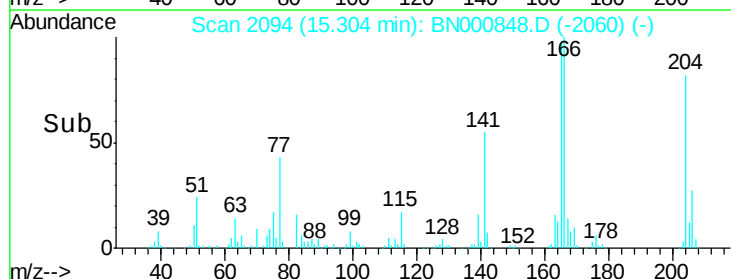
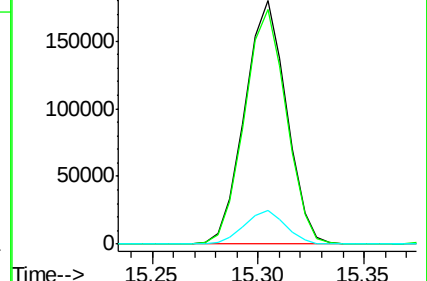
167 13.8 11.5 17.3

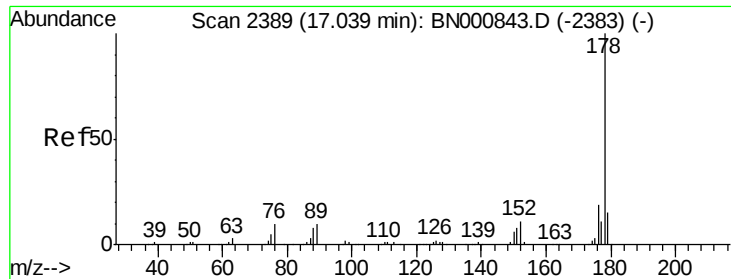


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





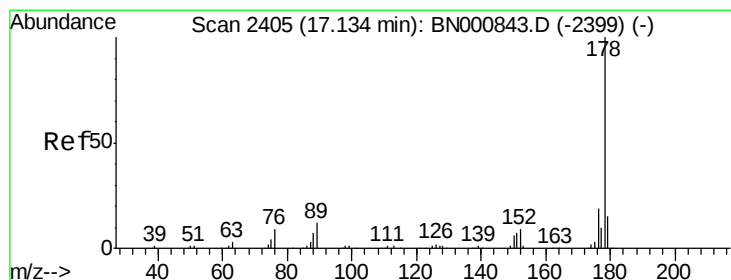
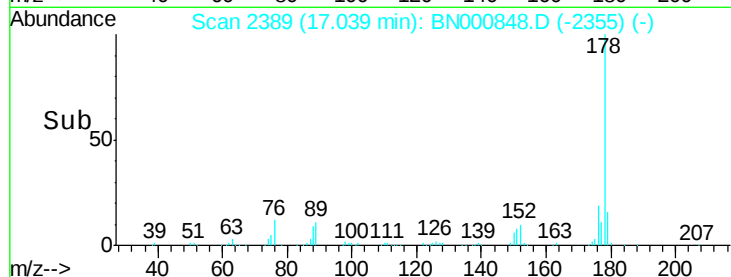
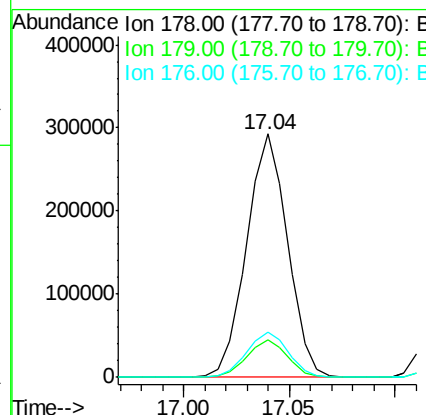
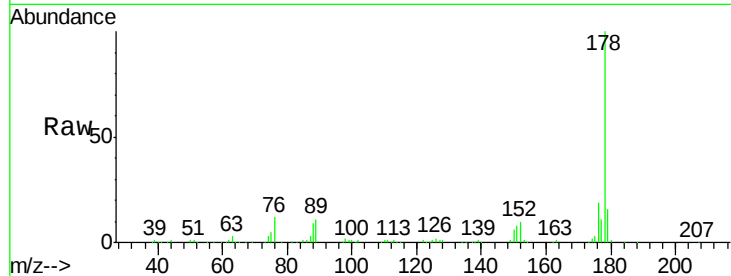
#13
Phenanthrene
Concen: 13.031 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Instrument :
BNA_N
ClientSampleId :
DASB5

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.8	15.1	22.7

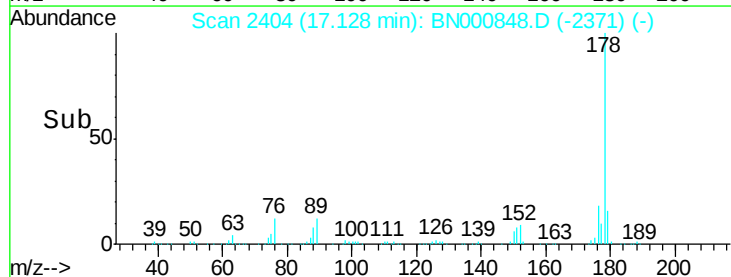
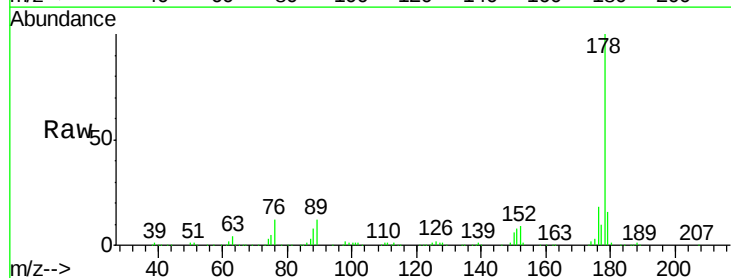
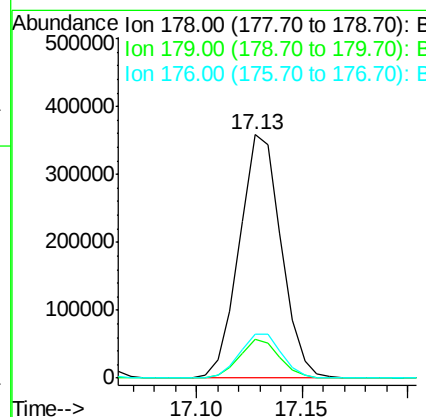
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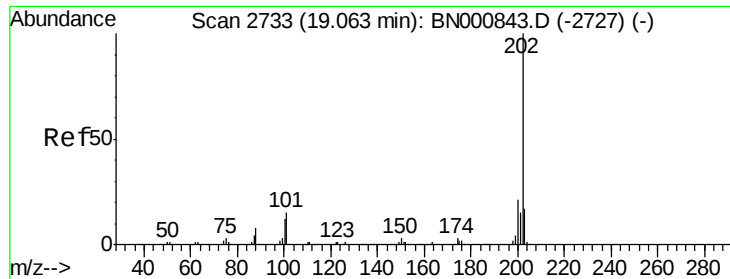
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#15
Anthracene
Concen: 16.183 ng/ul
RT: 17.13 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.8	17.8
176	18.1	15.2	22.8





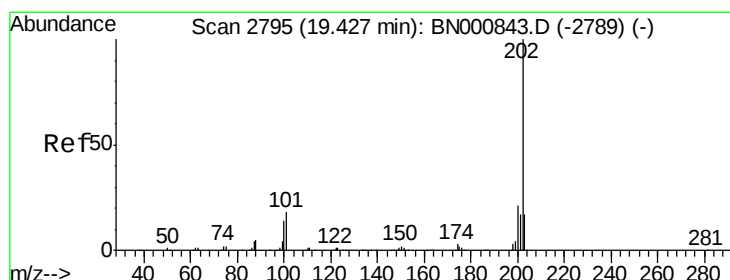
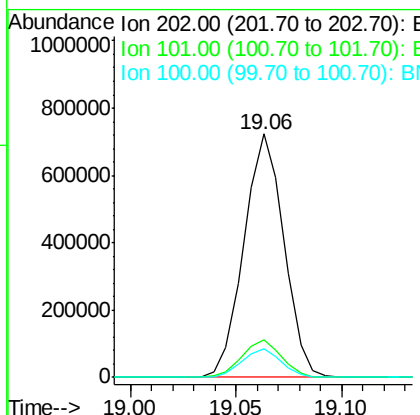
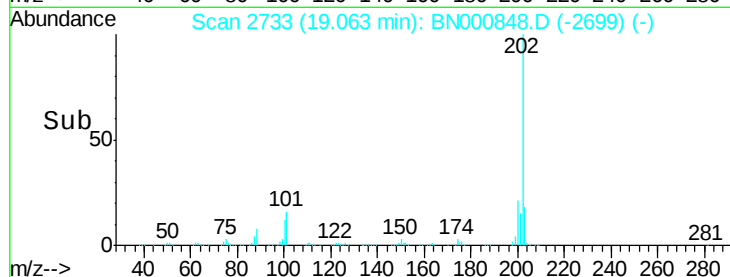
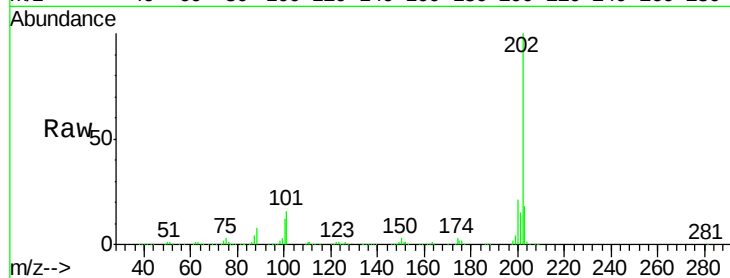
#16
Fluoranthene
 Concen: 31.153 ng/ul
 RT: 19.06 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: BN000848.D
 Acq: 24 Apr 2018 13:55

Instrument :
 BNA_N
 ClientSampled :
 DASB5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.7	9.9	14.9#
100	11.6	7.4	11.0#

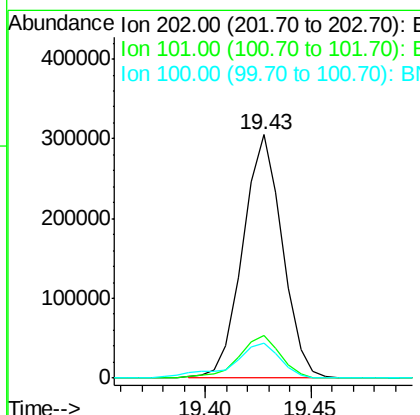
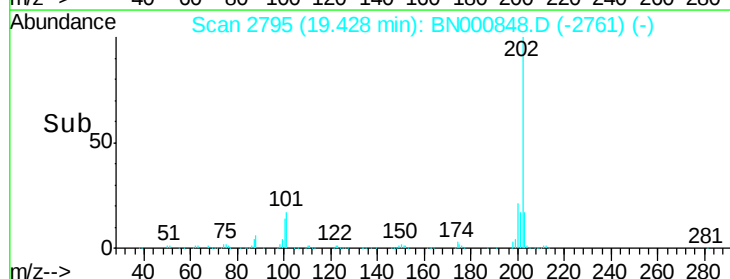
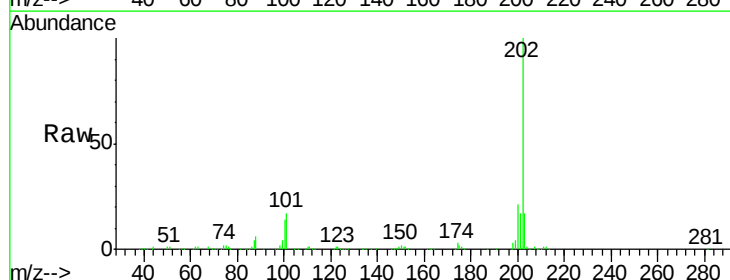
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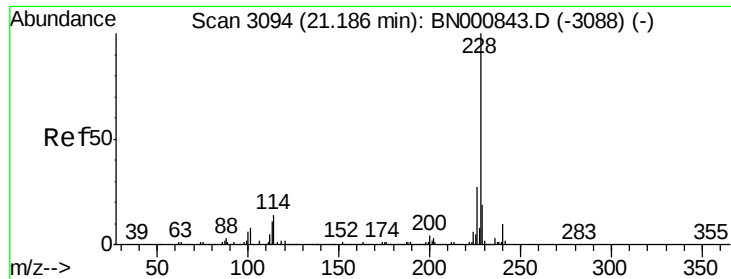
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#19
Pyrene
 Concen: 13.355 ng/ul
 RT: 19.43 min Scan# 2795
 Delta R.T. 0.00 min
 Lab File: BN000848.D
 Acq: 24 Apr 2018 13:55

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	17.3	11.0	16.4#
100	14.4	8.1	12.1#





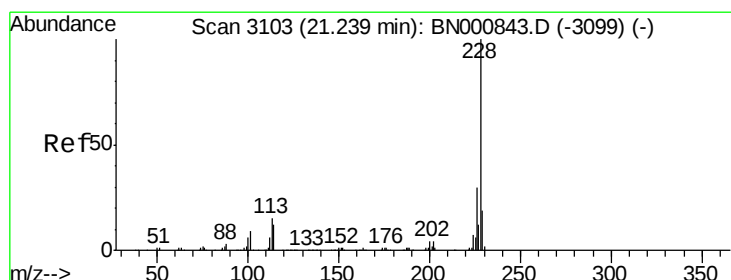
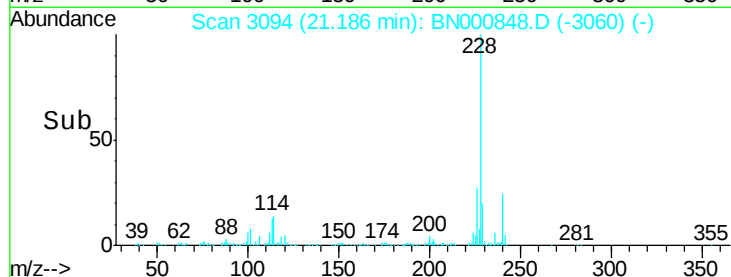
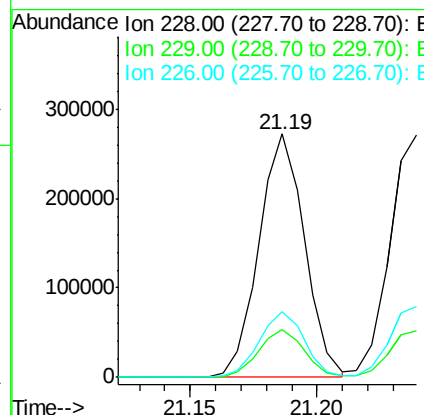
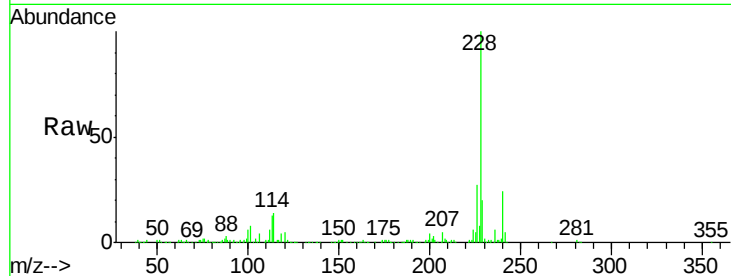
#20
Benzo(a)anthracene
Concen: 12.472 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Instrument :
BNA_N
ClientSampleId :
DASB5

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.7	23.5
226	27.2	21.1	31.7

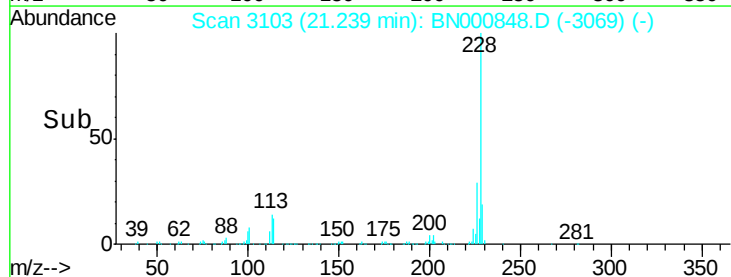
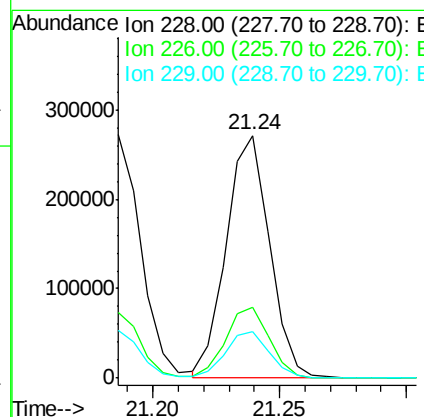
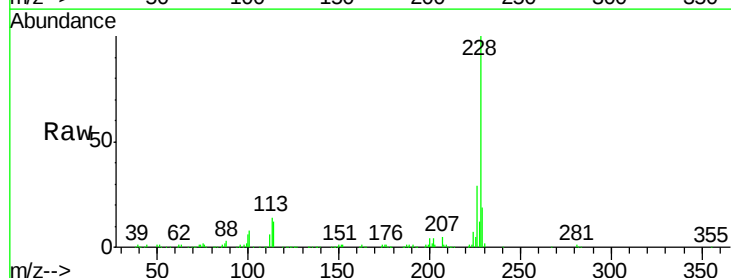
Manual Integrations
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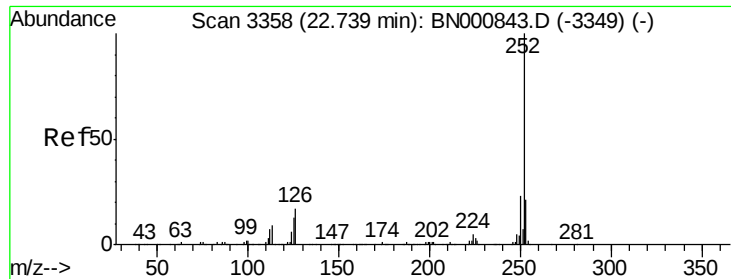
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#21
Chrysene
Concen: 12.527 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.5	36.7
229	19.4	15.8	23.8





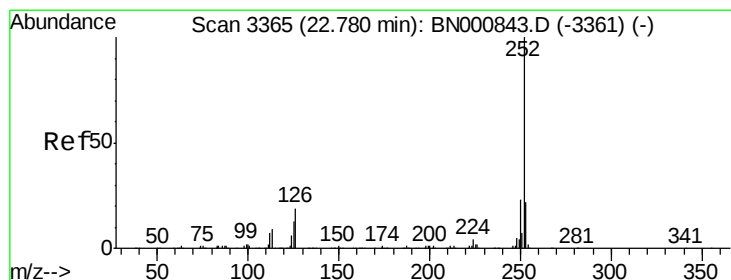
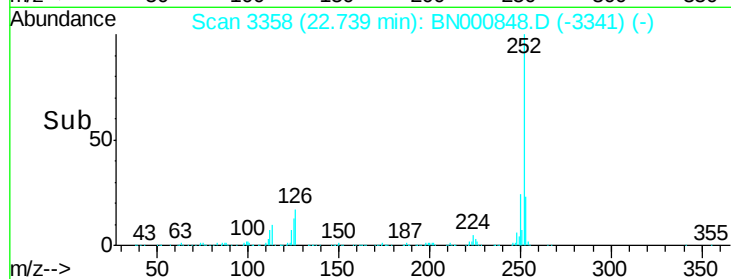
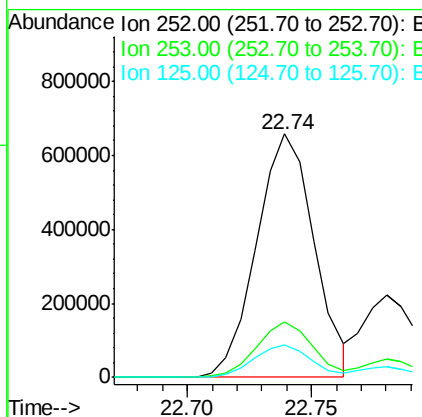
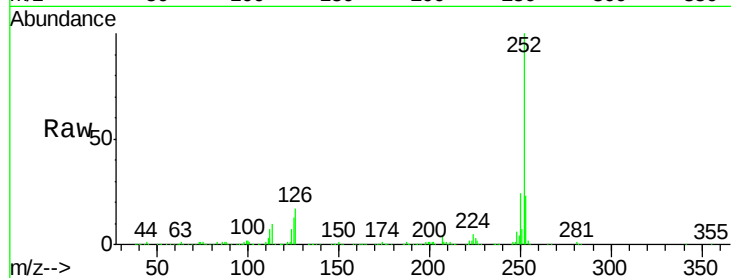
#23
Benzo(b)fluoranthene
Concen: 39.516 ng/ul m
RT: 22.74 min Scan# 3358
Delta R.T. 0.00 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Instrument :
BNA_N
ClientSampleId :
DASB5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	13.4	8.0	12.0

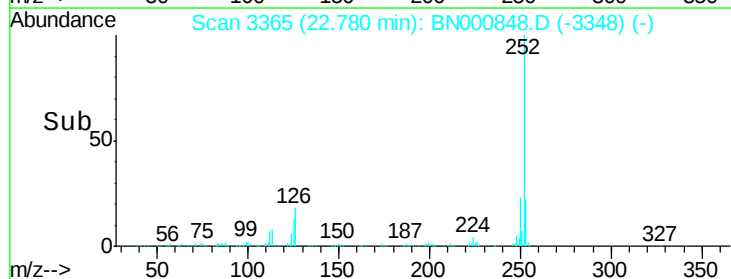
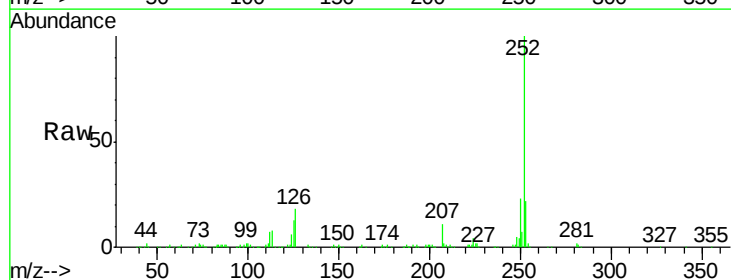
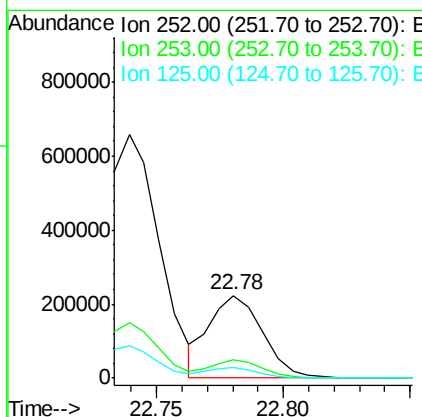
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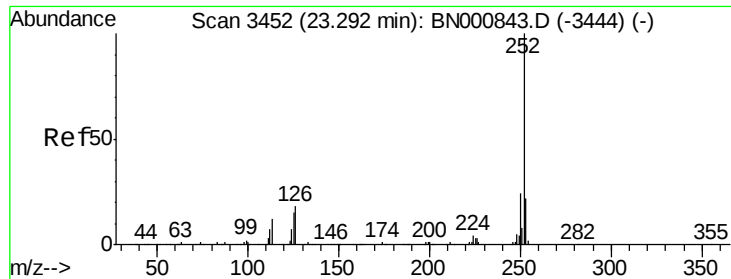
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#24
Benzo(k)fluoranthene
Concen: 12.232 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. 0.00 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	12.9	8.1	12.1





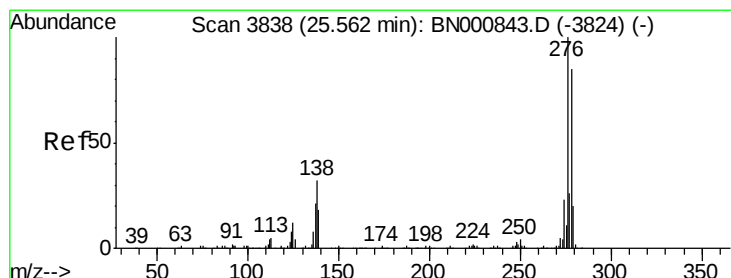
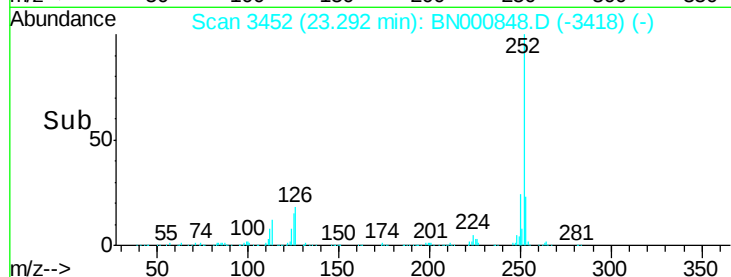
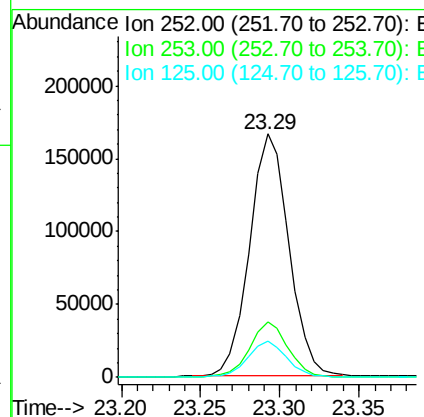
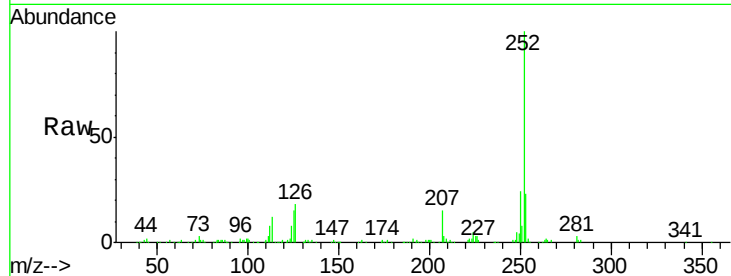
#26
Benzo(a)pyrene
Concen: 11.129 ng/u1
RT: 23.29 min Scan# 3452
Delta R.T. 0.00 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Instrument :
BNA_N
ClientSampleId :
DASB5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	15.1	8.2	12.4

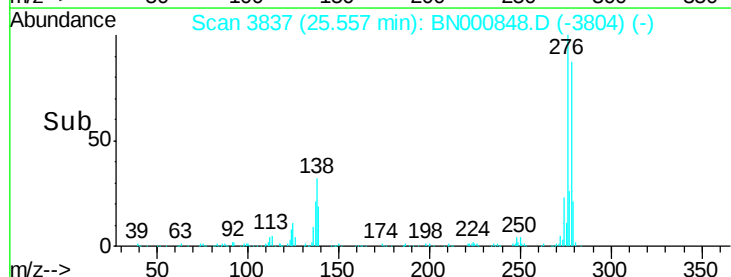
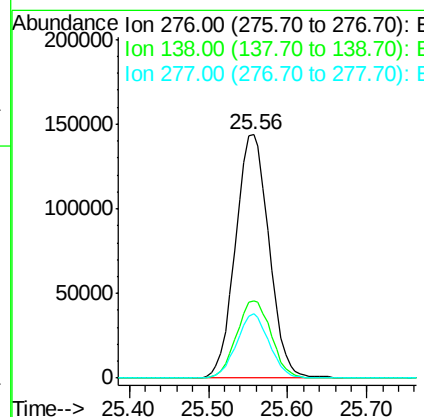
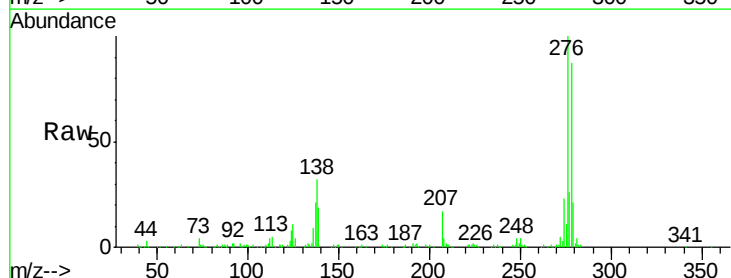
Manual Integrations
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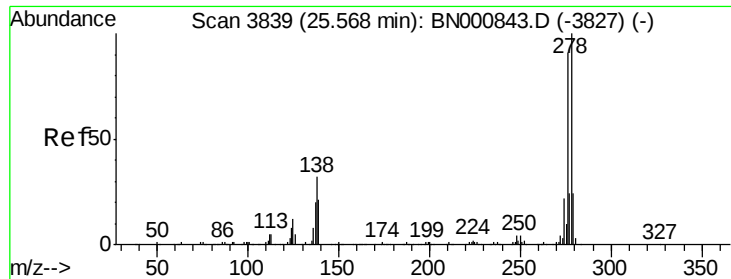
Sohil
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#27
Indeno(1,2,3-cd)pyrene
Concen: 13.661 ng/u1
RT: 25.56 min Scan# 3837
Delta R.T. -0.01 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.0	14.4	21.6
277	26.3	18.0	27.0





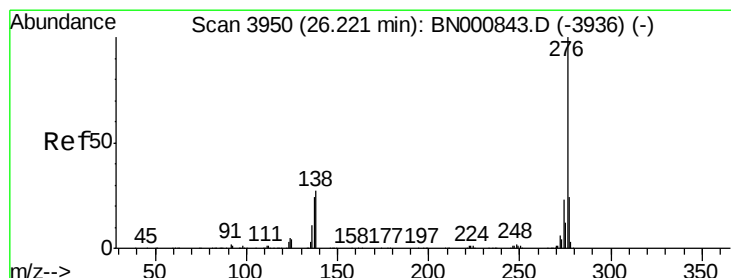
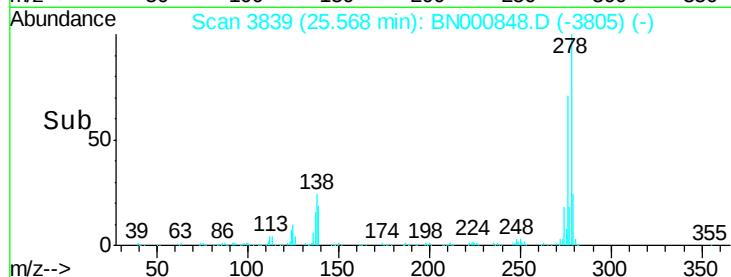
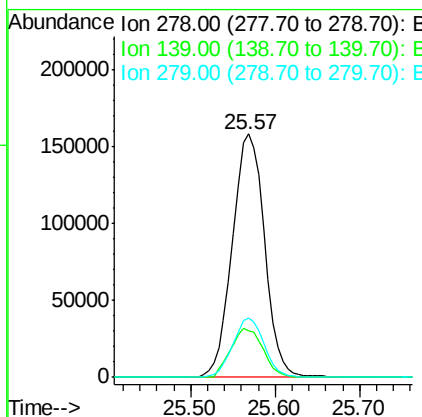
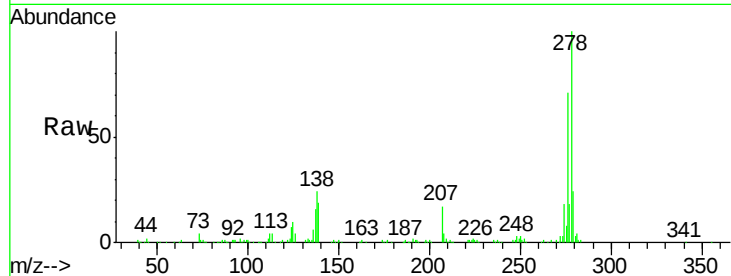
#28
Dibenzo(a,h)anthracene
Concen: 16.185 ng/u1
RT: 25.57 min Scan# 3839
Delta R.T. 0.00 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Instrument :
BNA_N
ClientSampleId :
DASB5

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.1	12.2	18.4#
279	24.2	19.2	28.8

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 14.461 ng/u1
RT: 26.22 min Scan# 3949
Delta R.T. -0.01 min
Lab File: BN000848.D
Acq: 24 Apr 2018 13:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	15.3	22.9#
277	23.2	19.0	28.4

