

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042618\
 Data File : BN000959.D
 Acq On : 27 Apr 2018 06:56
 Operator : JU/SJ
 Sample : J2526-11 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS59

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:28:00 PM

Quant Time: Apr 27 09:38:22 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 27 09:25:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	190947	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	763413	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	359203	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.01	188	679027	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	631729	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	726590	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	134162	3.89	ng/ul	0.00
10) Fluorene-d10	15.25	176	92640	4.02	ng/ul	0.00
14) Anthracene-d10	17.10	188	129197	4.16	ng/ul	0.00
18) Pyrene-d10	19.41	212	130514	4.03	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.28	264	147263	4.29	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.44	128	600153	15.599	ng/ul	100
4) 2-Methylnaphthalene	12.06	142	267487	10.420	ng/ul	98
5) 1-Methylnaphthalene	12.28	142	235361	9.348	ng/ul#	94
8) Acenaphthylene	13.97	152	72557	2.125	ng/ul#	95
9) Acenaphthene	14.32	153	339636	14.397	ng/ul	96
11) Fluorene	15.31	166	336723	13.408	ng/ul	94
13) Phenanthrene	17.06	178	3793122	102.421	ng/ul	99
15) Anthracene	17.14	178	1037887	27.940	ng/ul	99
16) Fluoranthene	19.09	202	4338334	115.460	ng/ul	97
19) Pyrene	19.45	202	3798094	93.602	ng/ul#	93
20) Benzo(a)anthracene	21.20	228	2366697	62.672	ng/ul	96
21) Chrysene	21.26	228	2111537m	59.491	ng/ul	
23) Benzo(b)fluoranthene	22.77	252	3151424m	76.320	ng/ul	
24) Benzo(k)fluoranthene	22.81	252	851931m	21.085	ng/ul	
26) Benzo(a)pyrene	23.33	252	2127197	53.904	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.62	276	1493327	31.330	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.62	278	444139	11.180	ng/ul#	82
29) Benzo(g,h,i)perylene	26.29	276	1198392	30.061	ng/ul#	94

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

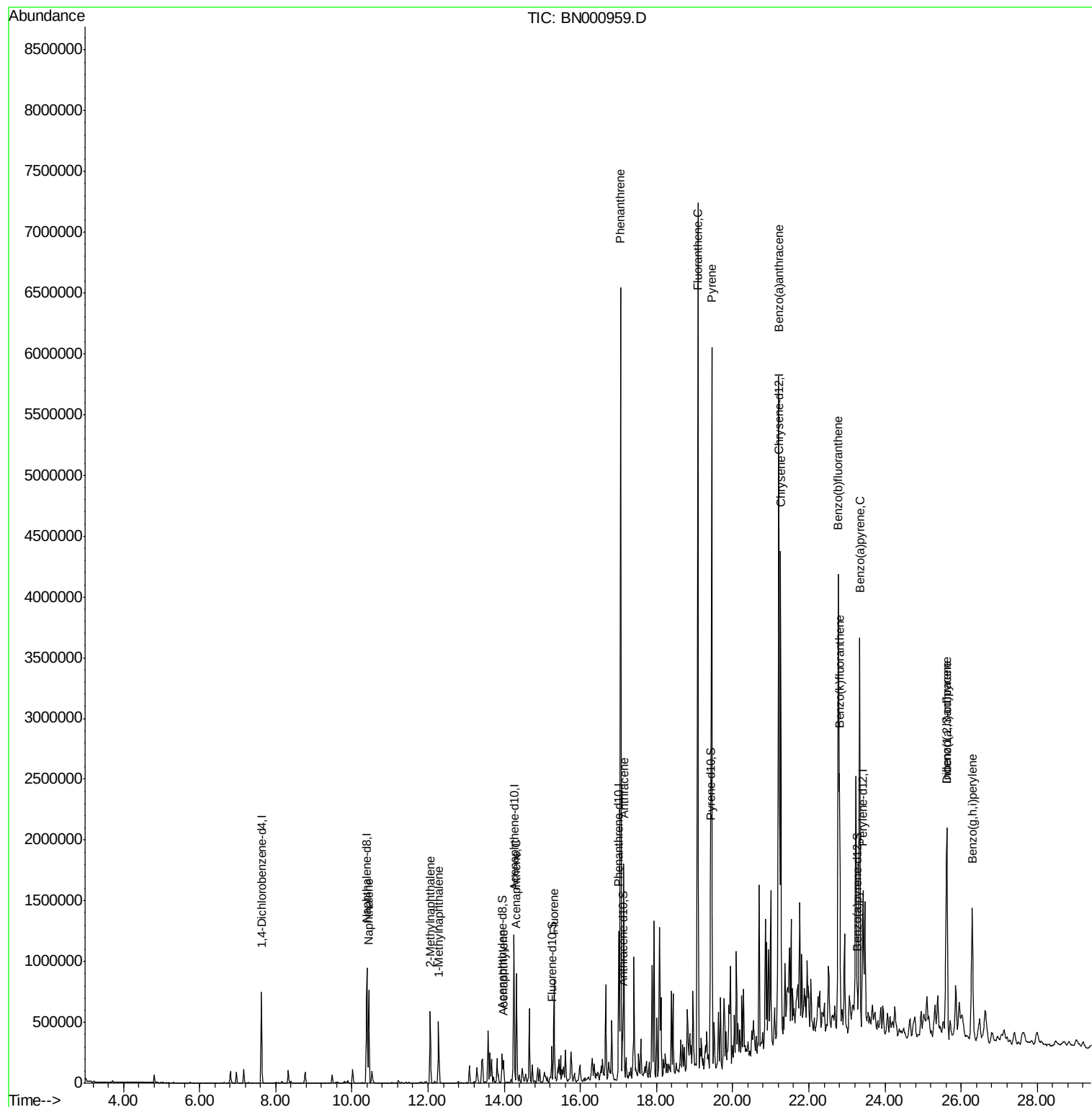
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042618\
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ALS Vial : 31 Sample Multiplier: 1

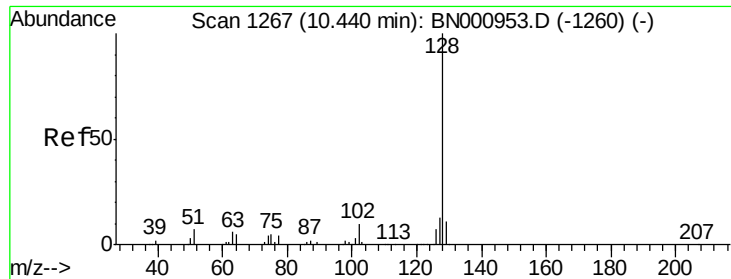
Instrument :
BNA_N
ClientSampleId :
DAS59

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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 27 09:25:35 2018
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#3

Naphthalene

Concen: 15.599 ng/ul

RT: 10.44 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BN000959.D

Acq: 27 Apr 2018 06:56

Instrument :

BNA_N

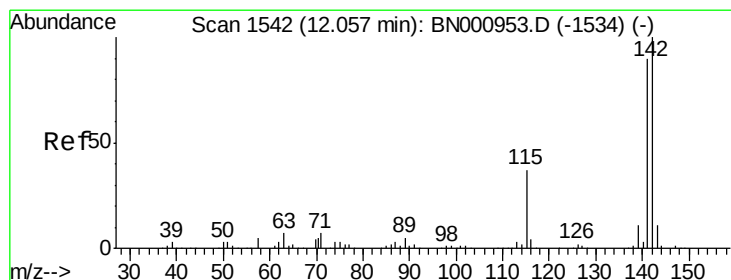
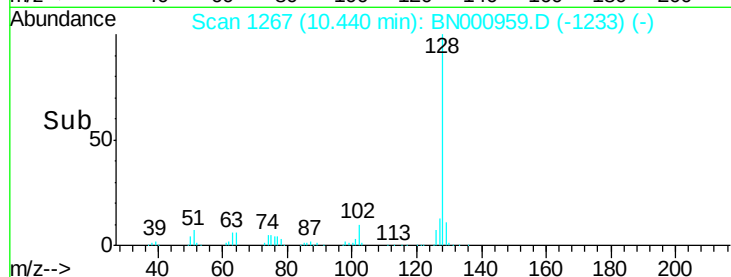
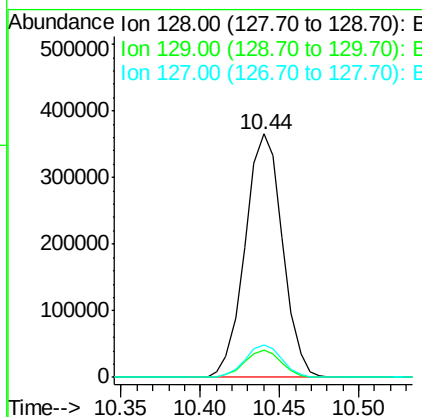
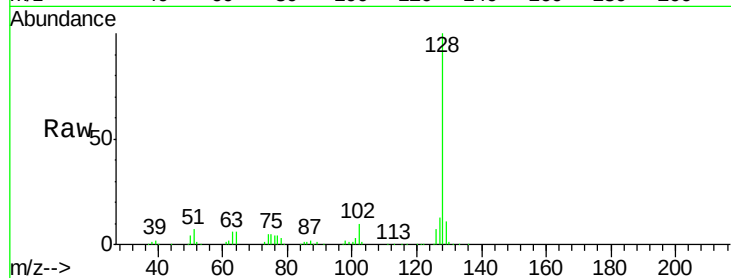
ClientSampled :

DAS59

Tgt Ion:	128	Resp:	600153
Ion Ratio		Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.3	10.6	16.0

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#4

2-Methylnaphthalene

Concen: 10.420 ng/ul

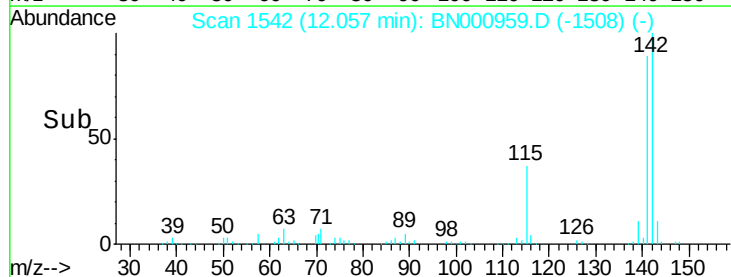
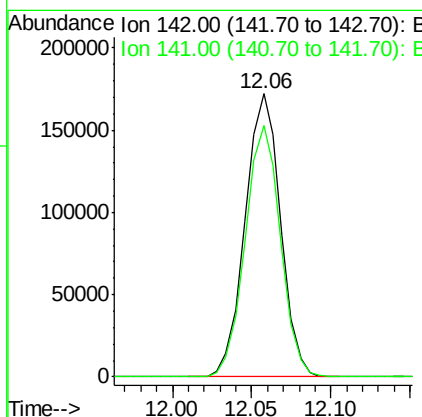
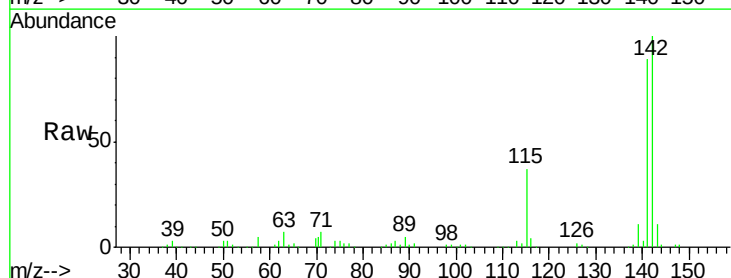
RT: 12.06 min Scan# 1542

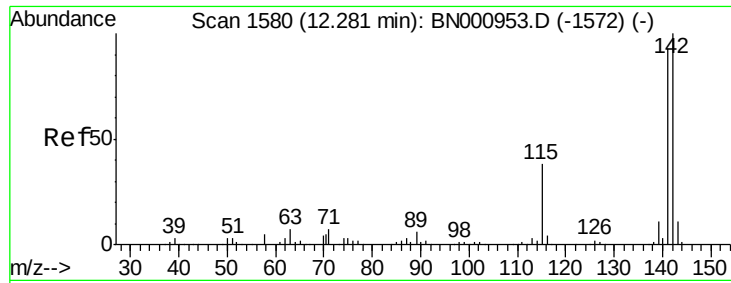
Delta R.T. 0.00 min

Lab File: BN000959.D

Acq: 27 Apr 2018 06:56

Tgt Ion:	142	Resp:	267487
Ion Ratio		Lower	Upper
142	100		
141	88.8	72.7	109.1





#5

1-Methylnaphthalene

Concen: 9.348 ng/ul

RT: 12.28 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BN000959.D

Acq: 27 Apr 2018 06:56

Instrument :

BNA_N

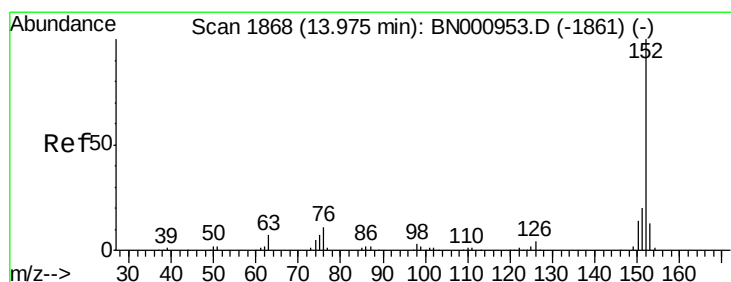
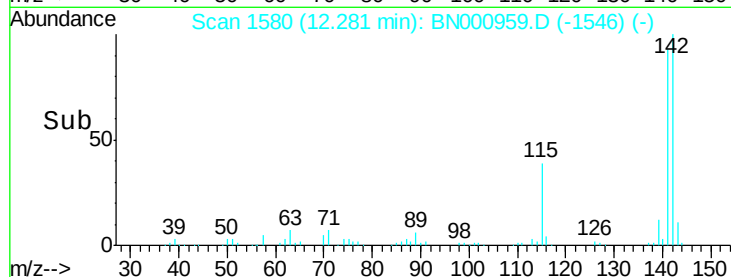
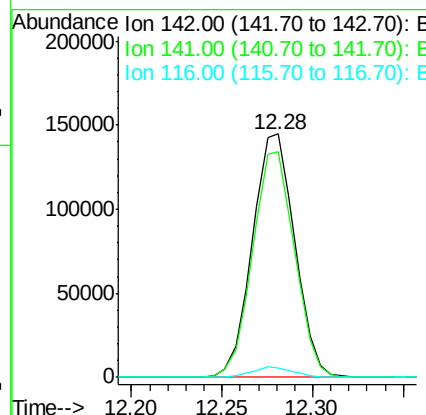
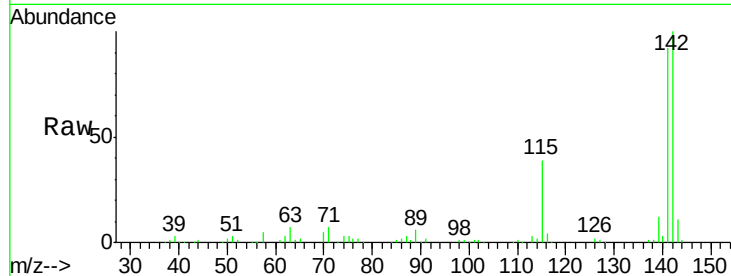
ClientSampleId :

DAS59

Tgt Ion:	142	Resp:	235361
Ion Ratio	Lower	Upper	
142	100		
141	92.5	79.3	118.9
116	4.0	4.2	6.2#

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#8

Acenaphthylene

Concen: 2.125 ng/ul

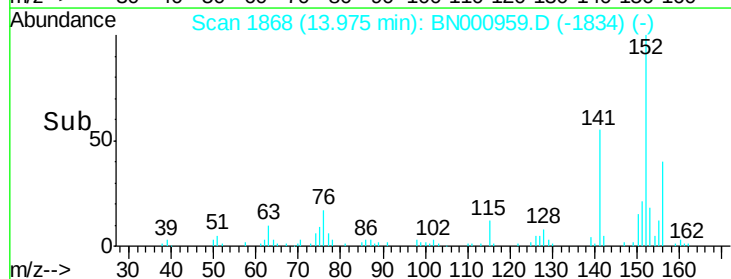
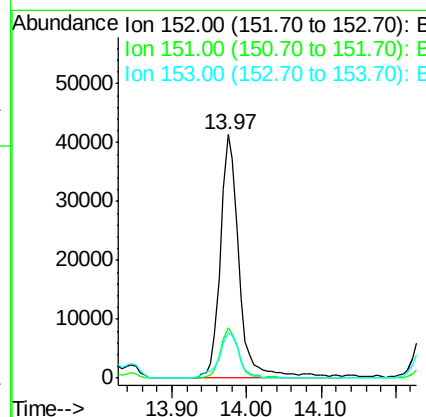
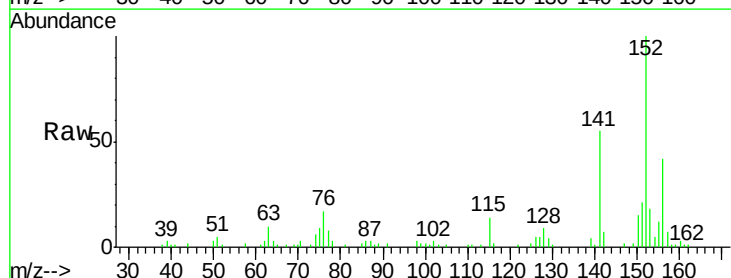
RT: 13.97 min Scan# 1868

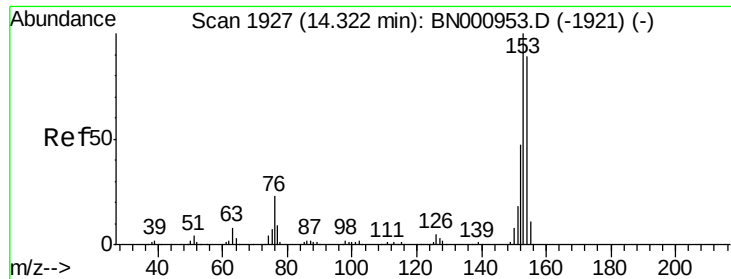
Delta R.T. 0.00 min

Lab File: BN000959.D

Acq: 27 Apr 2018 06:56

Tgt Ion:	152	Resp:	72557
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.7	25.1
153	18.3	10.2	15.4#





#9

Acenaphthene

Concen: 14.397 ng/ul

RT: 14.32 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BN000959.D

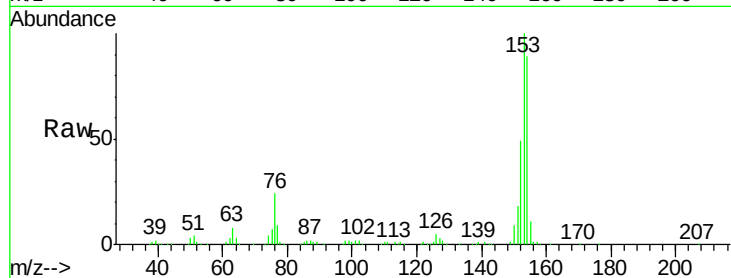
Acq: 27 Apr 2018 06:56

Instrument :

BNA_N

ClientSampled :

DAS59



Tgt Ion:153 Resp: 339636

Ion Ratio Lower Upper

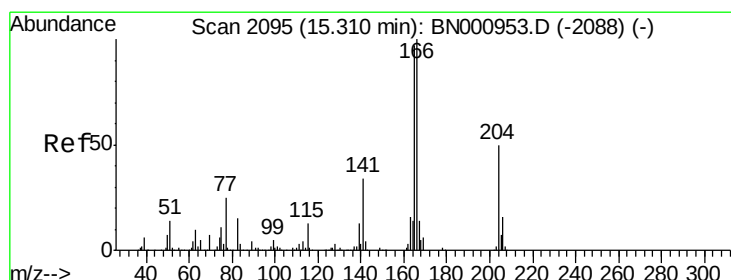
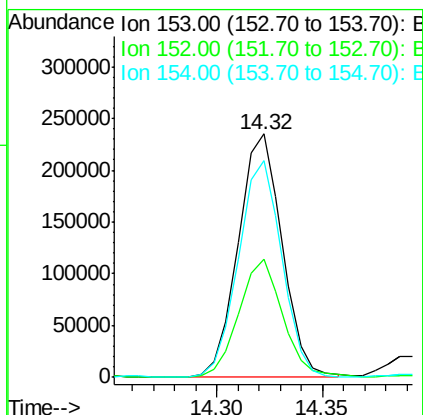
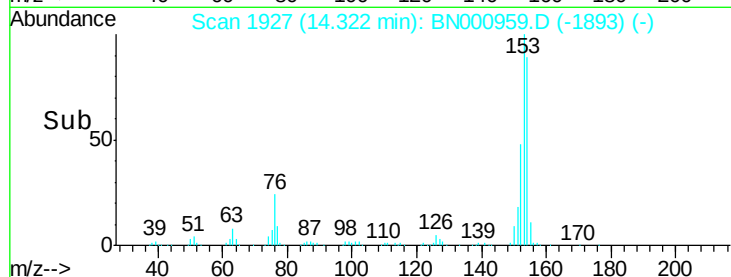
153 100

152 48.5 39.0 58.6

154 89.1 66.8 100.2

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#11

Fluorene

Concen: 13.408 ng/ul

RT: 15.31 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BN000959.D

Acq: 27 Apr 2018 06:56

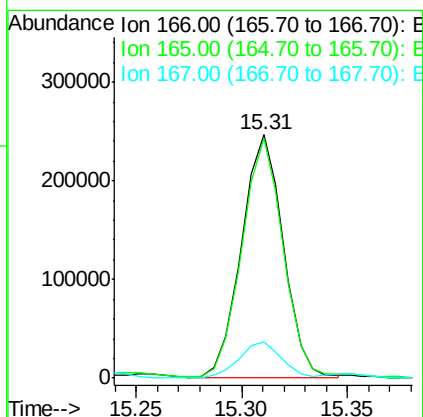
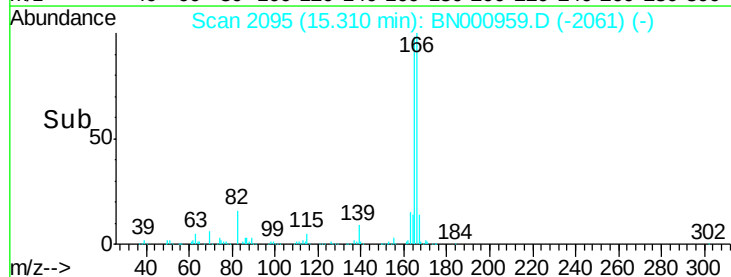
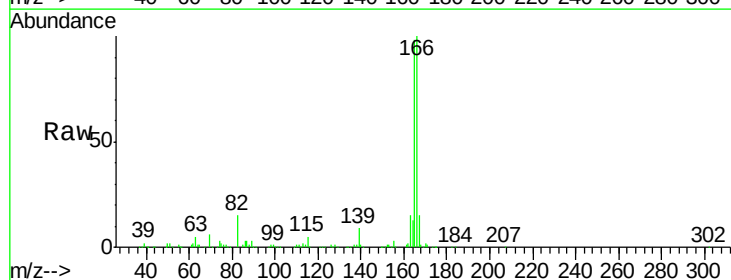
Tgt Ion:166 Resp: 336723

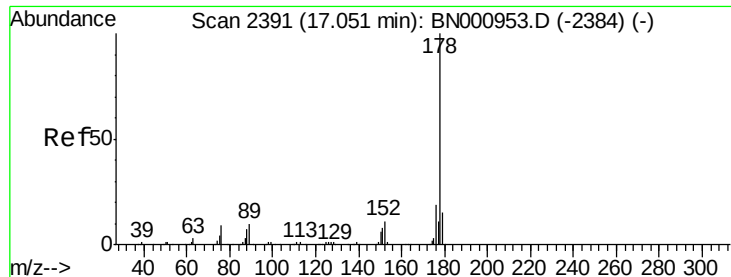
Ion Ratio Lower Upper

166 100

165 98.4 83.8 125.8

167 14.8 11.5 17.3





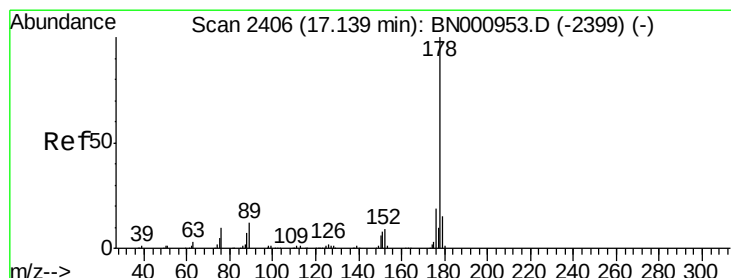
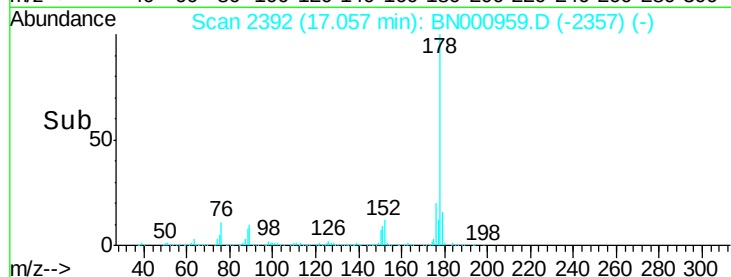
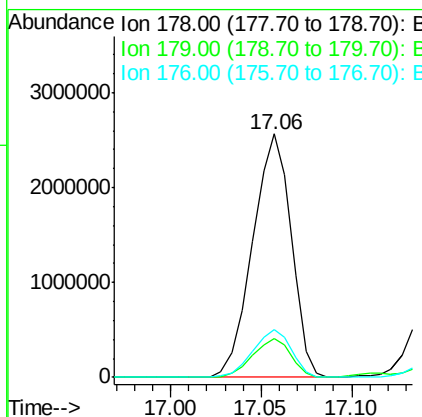
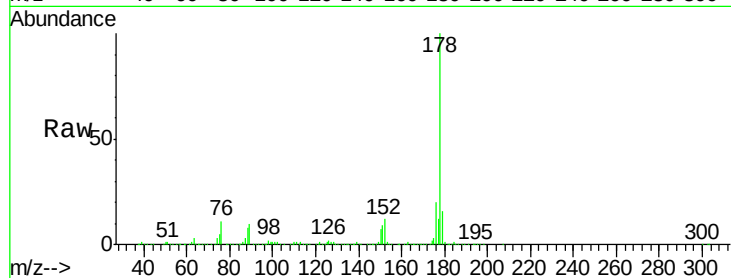
#13
Phenanthrene
Concen: 102.421 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. 0.01 min
Lab File: BN000959.D
Acq: 27 Apr 2018 06:56

Instrument :
BNA_N
ClientSampleId :
DAS59

Tgt Ion:178 Resp: 3793122
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 19.8 15.1 22.7

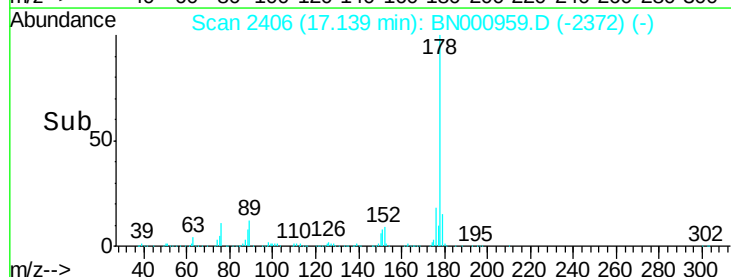
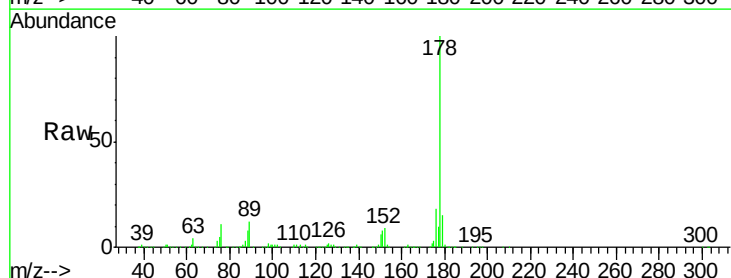
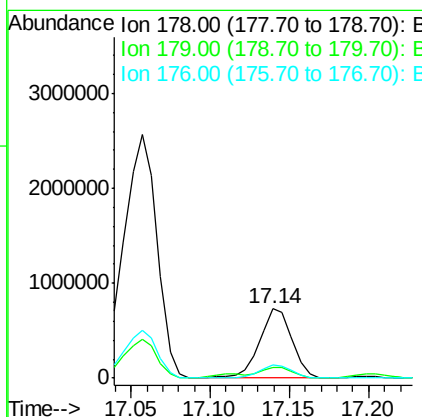
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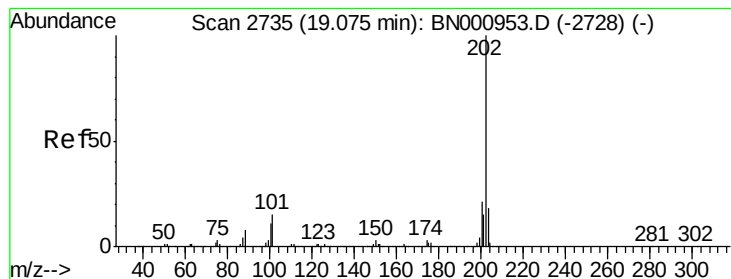
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#15
Anthracene
Concen: 27.940 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BN000959.D
Acq: 27 Apr 2018 06:56

Tgt Ion:178 Resp: 1037887
Ion Ratio Lower Upper
178 100
179 15.5 11.8 17.8
176 18.4 15.2 22.8





#16

Fluoranthene

Concen: 115.460 ng/ul

RT: 19.09 min Scan# 2737

Delta R.T. 0.01 min

Lab File: BN000959.D

Acq: 27 Apr 2018 06:56

Instrument :

BNA_N

ClientSampleId :

DAS59

Tgt Ion:202 Resp: 4338334

Ion Ratio Lower Upper

202 100

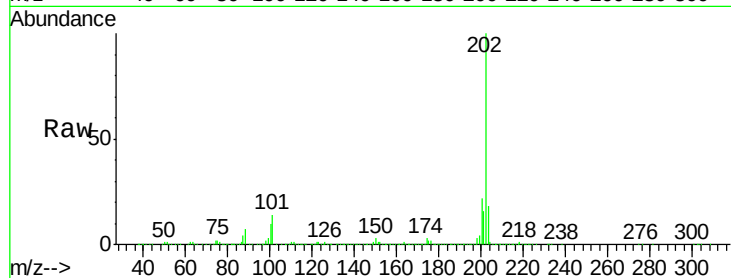
101 13.6 9.9 14.9

100 10.4 7.4 11.0

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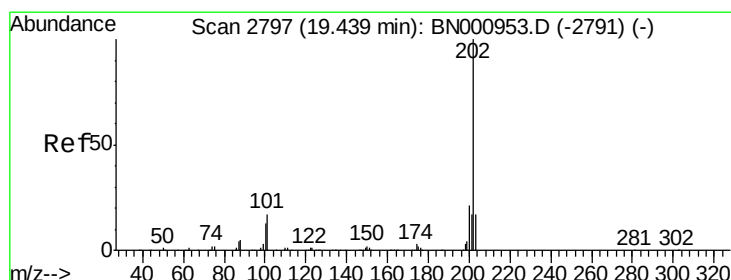
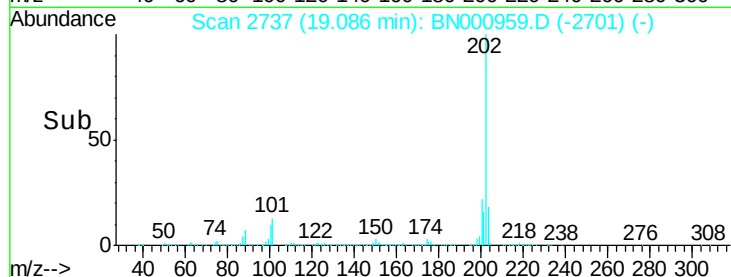
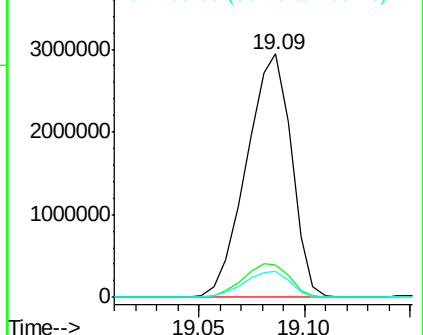
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#19

Pyrene

Concen: 93.602 ng/ul

RT: 19.45 min Scan# 2799

Delta R.T. 0.01 min

Lab File: BN000959.D

Acq: 27 Apr 2018 06:56

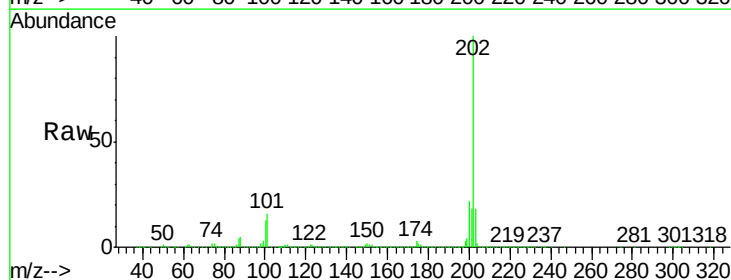
Tgt Ion:202 Resp: 3798094

Ion Ratio Lower Upper

202 100

101 16.2 11.0 16.4

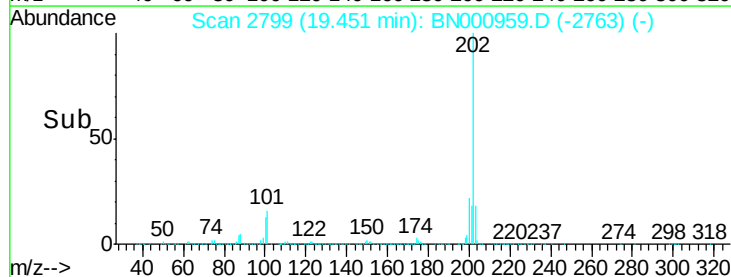
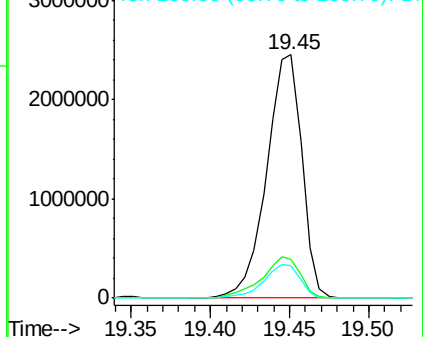
100 13.4 8.1 12.1#

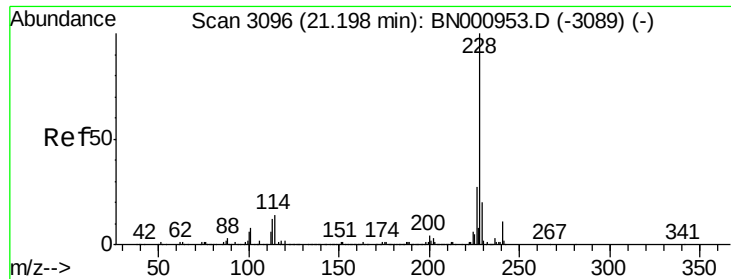


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





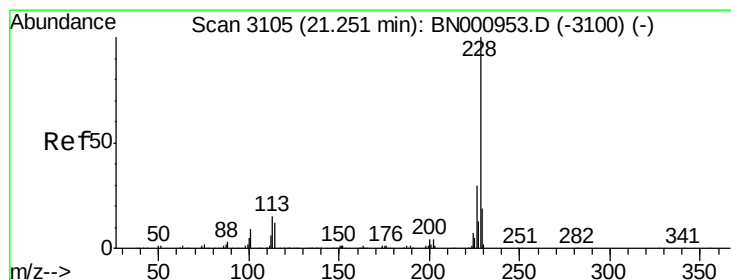
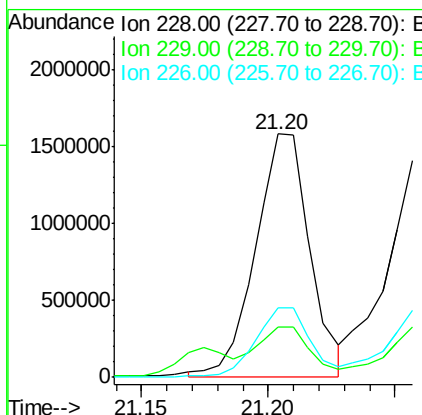
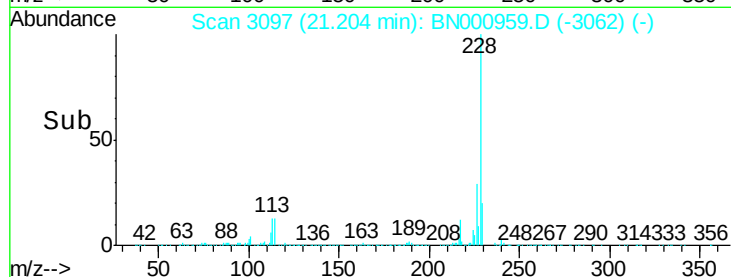
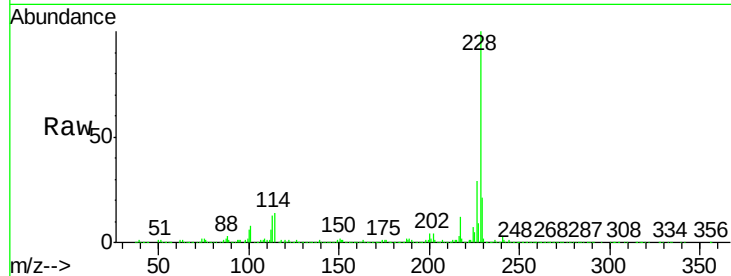
#20
Benzo(a)anthracene
Concen: 62.672 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BN000959.D
Acq: 27 Apr 2018 06:56

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 2366697
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 28.7 21.1 31.7

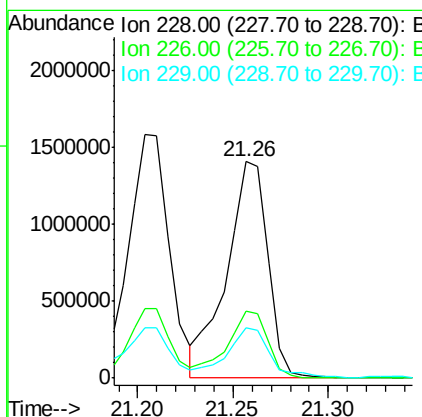
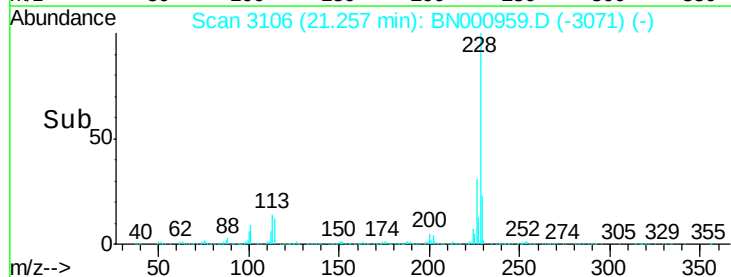
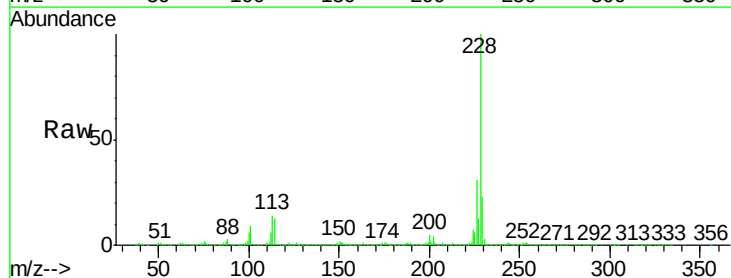
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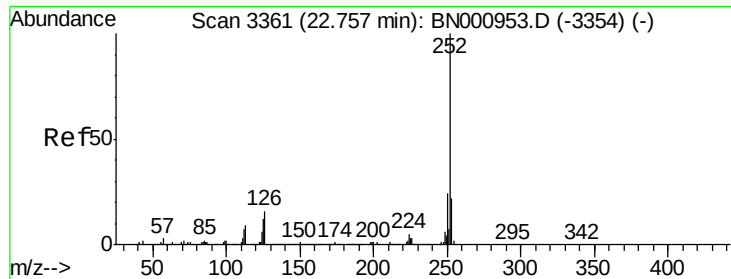
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#21
Chrysene
Concen: 59.491 ng/ul m
RT: 21.26 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BN000959.D
Acq: 27 Apr 2018 06:56

Tgt Ion:228 Resp: 2111537
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 23.1 15.8 23.8





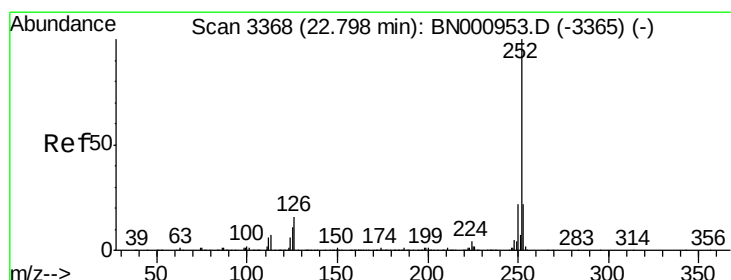
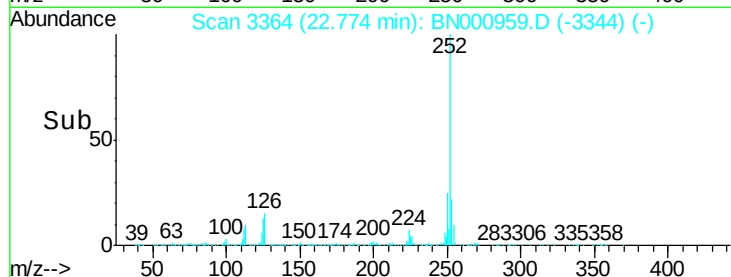
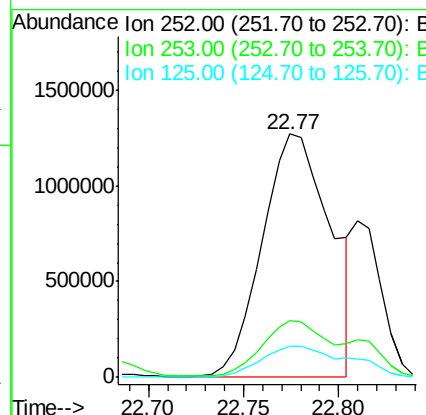
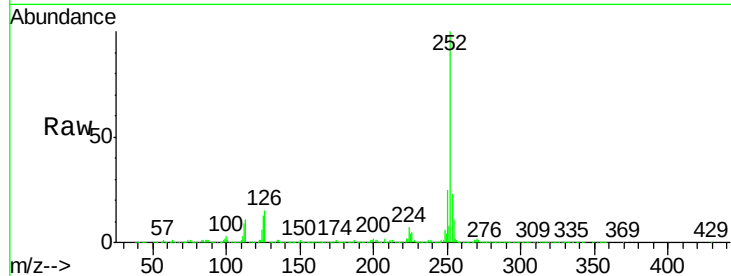
#23
Benzo(b)fluoranthene
Concen: 76.320 ng/ul m
RT: 22.77 min Scan# 3364
Delta R.T. 0.02 min
Lab File: BN000959.D
Acq: 27 Apr 2018 06:56

Instrument :
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ClientSampleId :
DAS59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	12.7	8.0	12.0

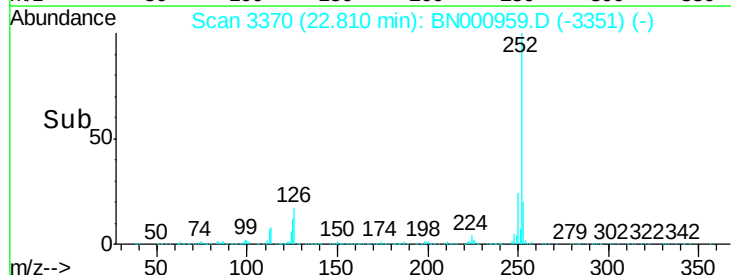
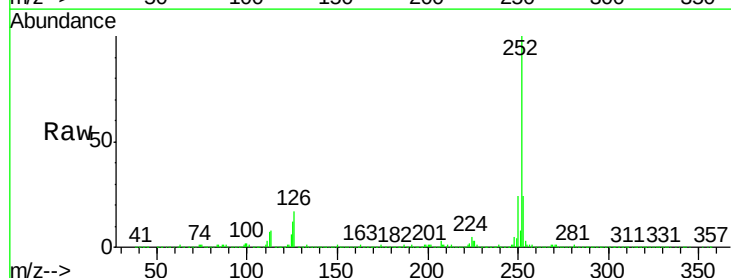
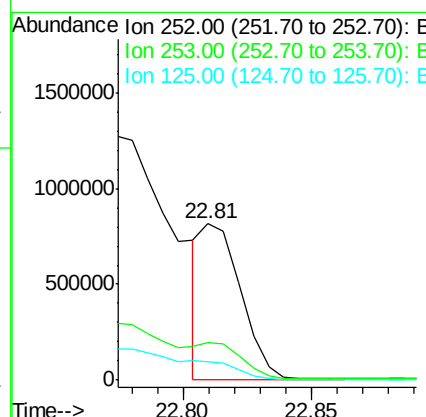
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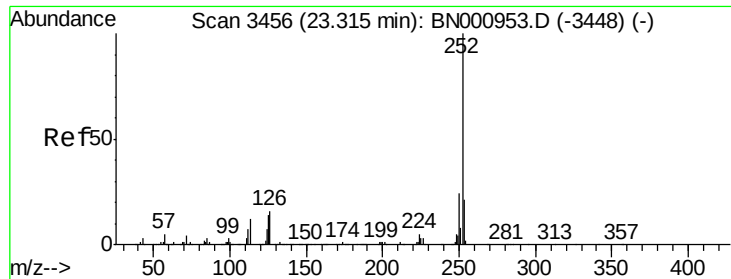
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#24
Benzo(k)fluoranthene
Concen: 21.085 ng/ul m
RT: 22.81 min Scan# 3370
Delta R.T. 0.01 min
Lab File: BN000959.D
Acq: 27 Apr 2018 06:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	12.1	8.1	12.1





#26

Benzo(a)pyrene

Concen: 53.904 ng/ul

RT: 23.33 min Scan# 3459

Delta R.T. 0.02 min

Lab File: BN000959.D

Acq: 27 Apr 2018 06:56

Instrument :

BNA_N

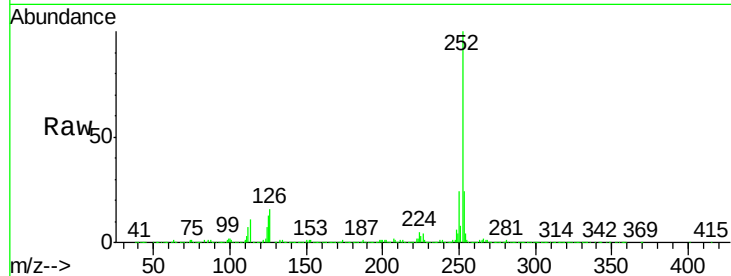
ClientSampleId :

DAS59

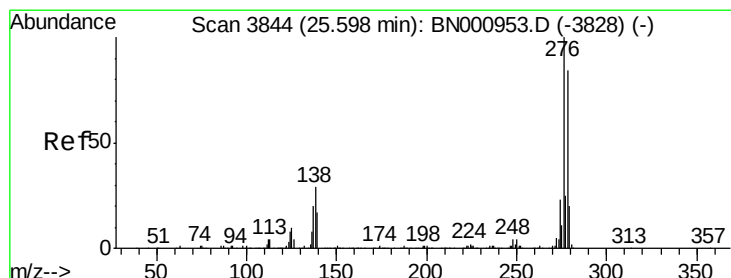
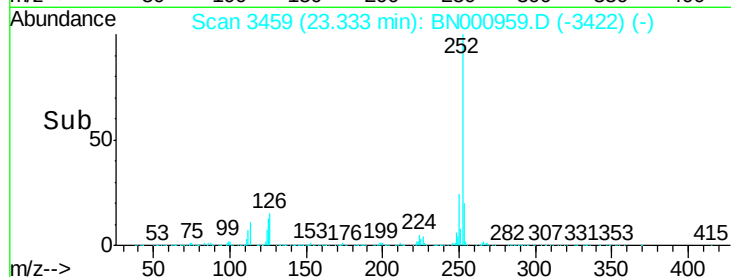
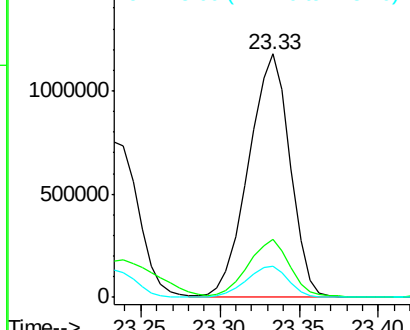
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	12.9	8.2	12.4

Manual Integrations
APPROVED

Sohil
4/27/2018 7:28:00 PM



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



#27

Indeno(1,2,3-cd)pyrene

Concen: 31.330 ng/ul

RT: 25.62 min Scan# 3848

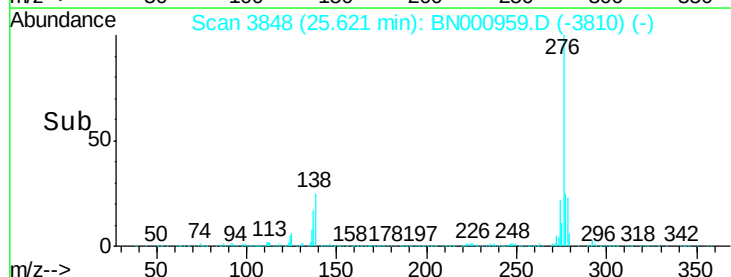
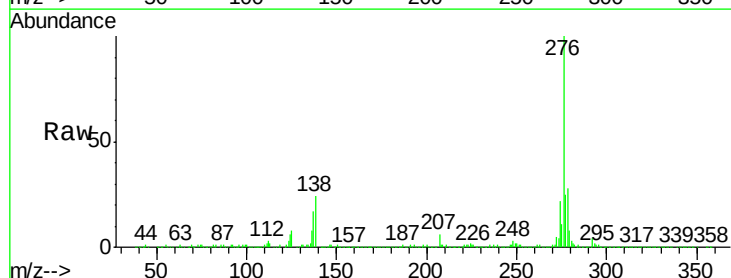
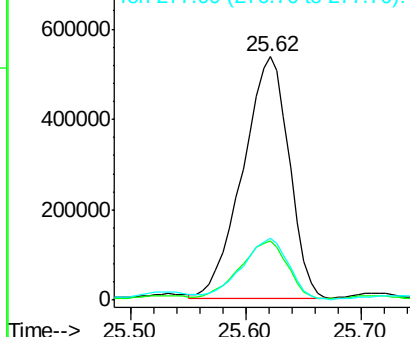
Delta R.T. 0.02 min

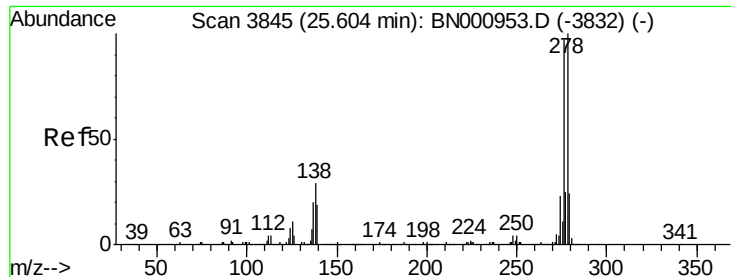
Lab File: BN000959.D

Acq: 27 Apr 2018 06:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	14.4	21.6
277	25.2	18.0	27.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





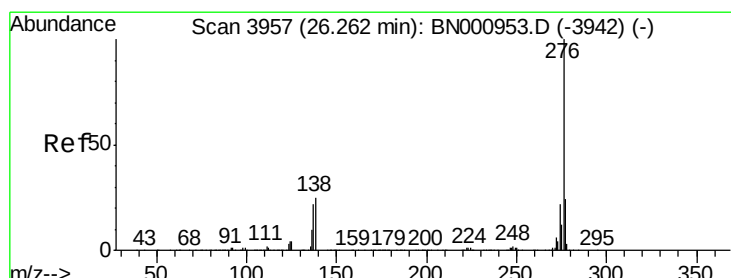
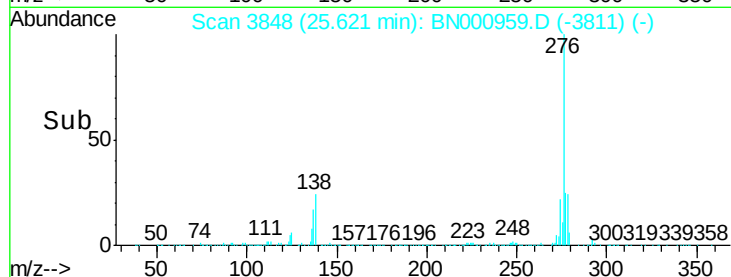
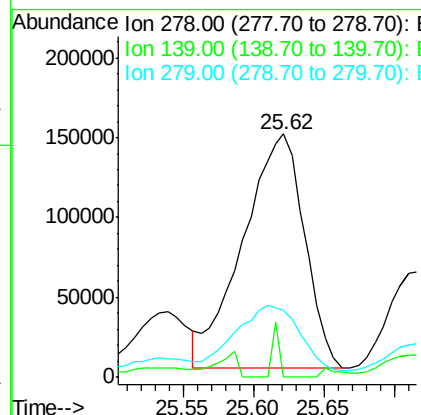
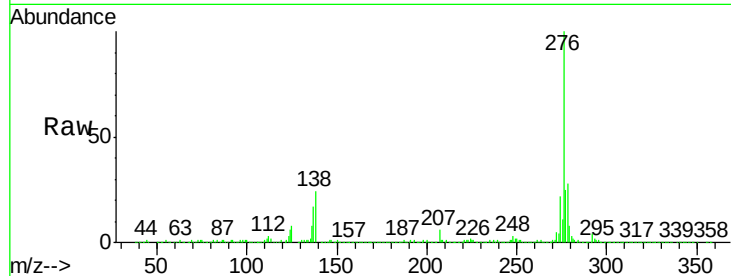
#28
Dibenzo(a,h)anthracene
Concen: 11.180 ng/ul
RT: 25.62 min Scan# 3848
Delta R.T. 0.02 min
Lab File: BN000959.D
Acq: 27 Apr 2018 06:56

Instrument :
BNA_N
ClientSampleId :
DAS59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	27.3	19.2	28.8

Manual Integrations
APPROVED

Sohil
4/27/2018 7:28:00 PM



#29
Benzo(g,h,i)perylene
Concen: 30.061 ng/ul
RT: 26.29 min Scan# 3962
Delta R.T. 0.03 min
Lab File: BN000959.D
Acq: 27 Apr 2018 06:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	15.3	22.9#
277	24.6	19.0	28.4

