

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042618\
 Data File : BN000956.D
 Acq On : 27 Apr 2018 05:12
 Operator : JU/SJ
 Sample : J2526-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS63

Manual Integrations
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Quant Time: Apr 27 09:32:53 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	166266	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	686713	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	319085	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	562936	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	507076	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	546037	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	1106887	36.12	ng/ul	0.00
10) Fluorene-d10	15.26	176	737259	36.04	ng/ul	0.00
14) Anthracene-d10	17.10	188	991216	38.50	ng/ul	0.00
18) Pyrene-d10	19.41	212	988630	38.05	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	1086549	42.12	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.44	128	64262	1.857	ng/ul	99
4) 2-Methylnaphthalene	12.06	142	31434	1.361	ng/ul	99
5) 1-Methylnaphthalene	12.27	142	28383	1.253	ng/ul	95
9) Acenaphthene	14.32	153	27031	1.290	ng/ul	98
11) Fluorene	15.31	166	24417	1.095	ng/ul	93
13) Phenanthrene	17.05	178	438453	14.281	ng/ul	100
15) Anthracene	17.14	178	100427	3.261	ng/ul	99
16) Fluoranthene	19.07	202	548283	17.601	ng/ul	96
19) Pyrene	19.44	202	461424	14.167	ng/ul#	92
20) Benzo(a)anthracene	21.20	228	278331m	9.182	ng/ul	
21) Chrysene	21.25	228	259211	9.098	ng/ul	98
23) Benzo(b)fluoranthene	22.76	252	384841m	12.402	ng/ul	
24) Benzo(k)fluoranthene	22.80	252	118147m	3.891	ng/ul	
26) Benzo(a)pyrene	23.32	252	253722	8.555	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.59	276	192723	5.380	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.60	278	55507	1.859	ng/ul#	77
29) Benzo(g,h,i)perylene	26.26	276	181257	6.050	ng/ul#	91

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

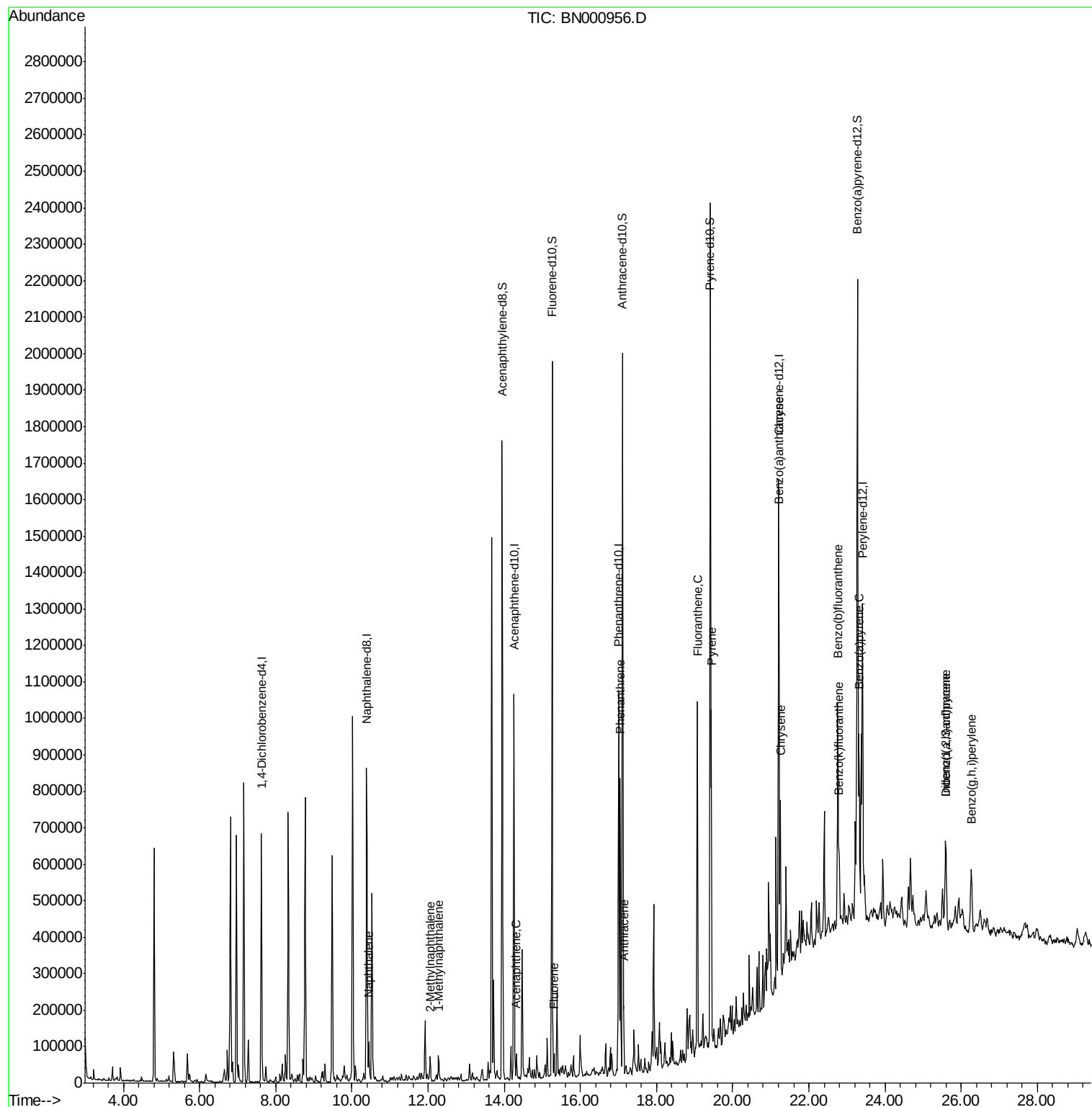
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042618\
Data File : BN000956.D
Acq On : 27 Apr 2018 05:12
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Misc :
ALS Vial : 28 Sample Multiplier: 1

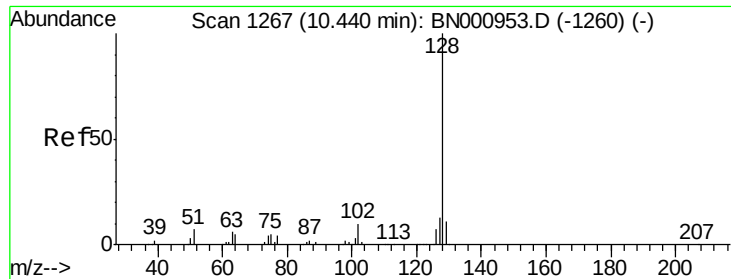
Instrument :
BNA_N
ClientSampleId :
DAS63

Quant Time: Apr 27 09:32:53 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

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#3

Naphthalene

Concen: 1.857 ng/ul

RT: 10.44 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BN000956.D

Acq: 27 Apr 2018 05:12

Instrument :

BNA_N

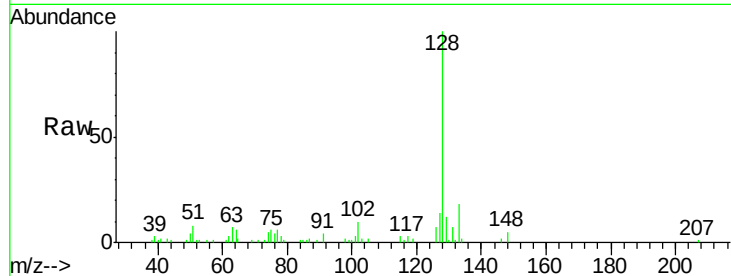
ClientSampled :

DAS63

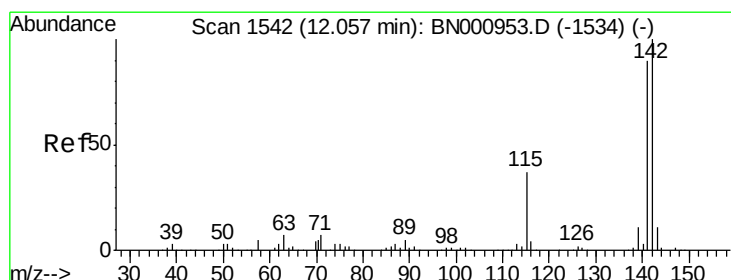
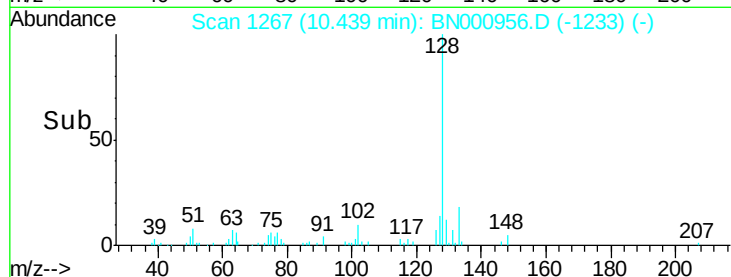
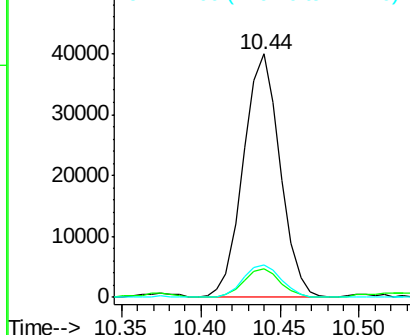
Tgt Ion:	128	Resp:	64262
Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.7	13.1
127	13.5	10.6	16.0

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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: 1.361 ng/ul

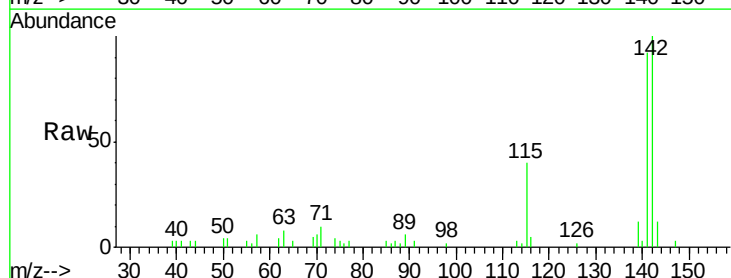
RT: 12.06 min Scan# 1542

Delta R.T. -0.00 min

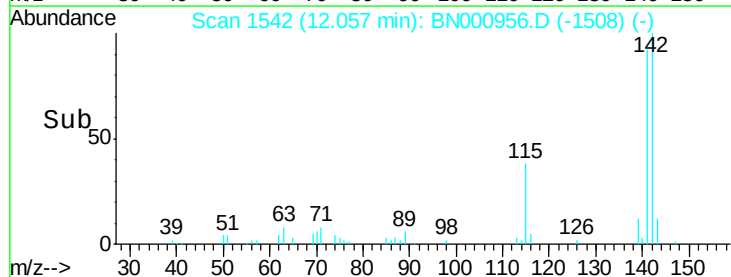
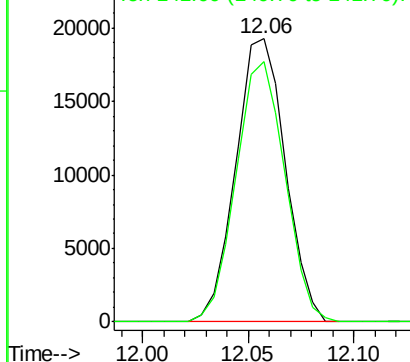
Lab File: BN000956.D

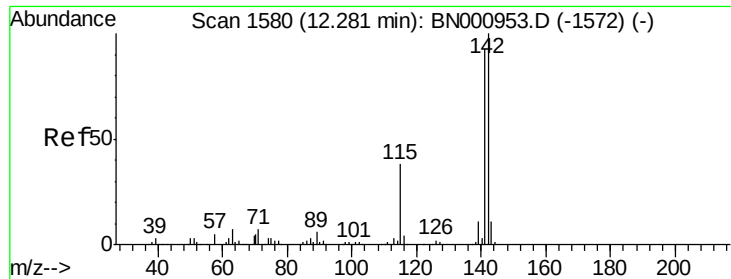
Acq: 27 Apr 2018 05:12

Tgt Ion:	142	Resp:	31434
Ion	Ratio	Lower	Upper
142	100		
141	92.2	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: 1.253 ng/ul

RT: 12.27 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BN000956.D

Acq: 27 Apr 2018 05:12

Instrument :

BNA_N

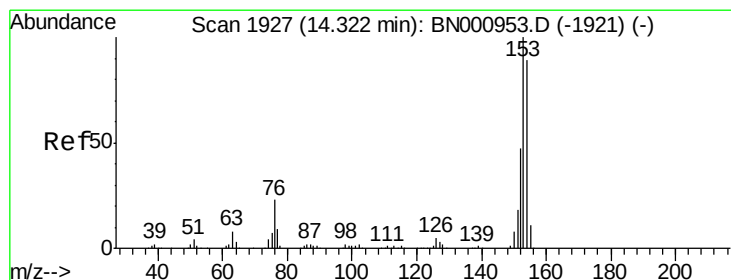
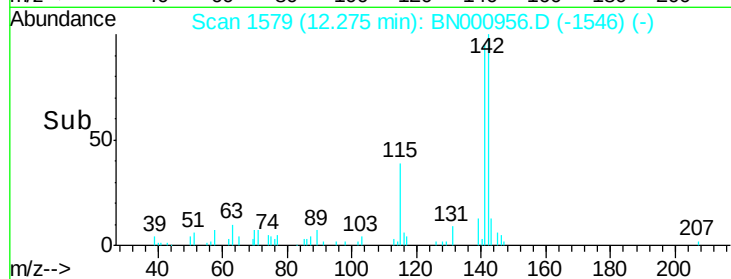
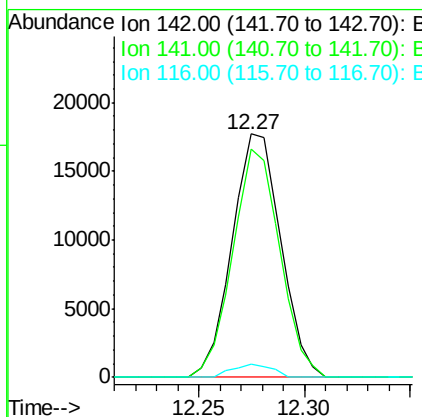
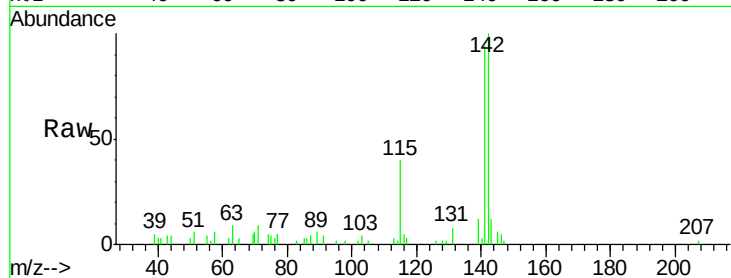
ClientSampled :

DAS63

Tgt Ion:	142	Resp:	28383
Ion Ratio	Lower	Upper	
142	100		
141	93.9	79.3	118.9
116	5.5	4.2	6.2

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#9

Acenaphthene

Concen: 1.290 ng/ul

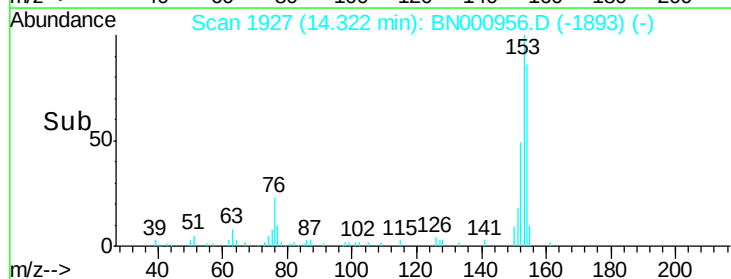
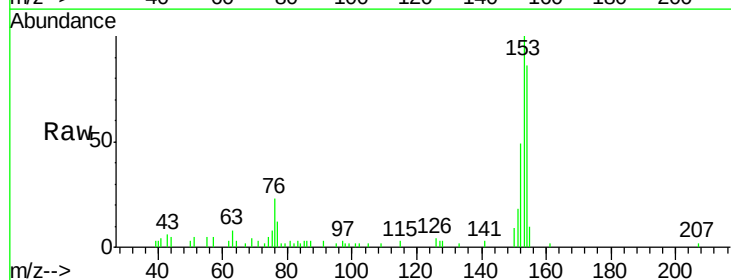
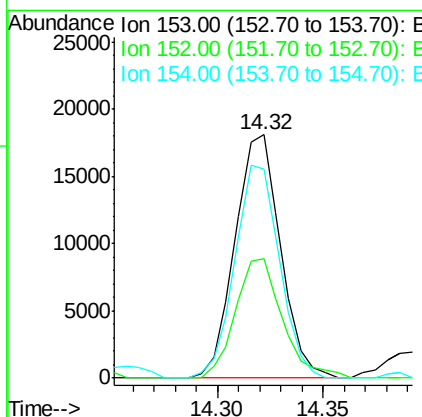
RT: 14.32 min Scan# 1927

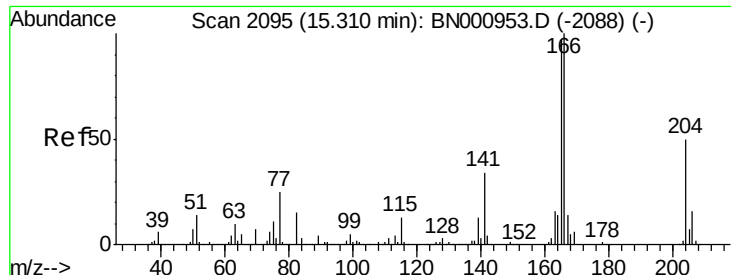
Delta R.T. -0.00 min

Lab File: BN000956.D

Acq: 27 Apr 2018 05:12

Tgt Ion:	153	Resp:	27031
Ion Ratio	Lower	Upper	
153	100		
152	49.2	39.0	58.6
154	85.8	66.8	100.2





#11

Fluorene

Concen: 1.095 ng/ul

RT: 15.31 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BN000956.D

Acq: 27 Apr 2018 05:12

Instrument :

BNA_N

ClientSampleId :

DAS63

Tgt Ion:166 Resp: 24417

Ion Ratio Lower Upper

166 100

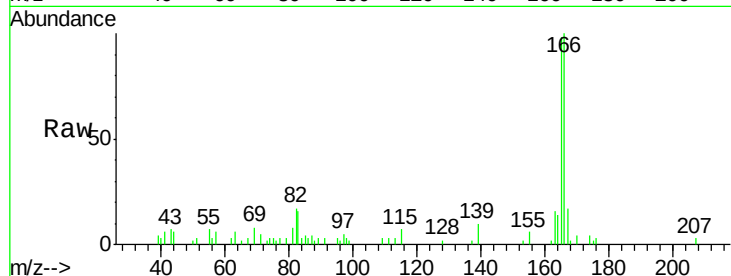
165 97.6 83.8 125.8

167 17.0 11.5 17.3

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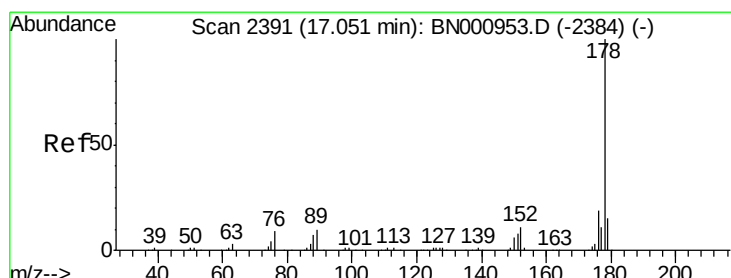
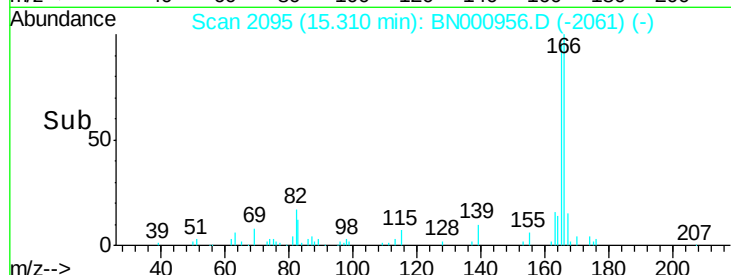
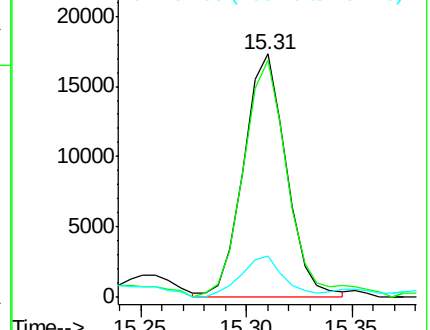
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#13

Phenanthrene

Concen: 14.281 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BN000956.D

Acq: 27 Apr 2018 05:12

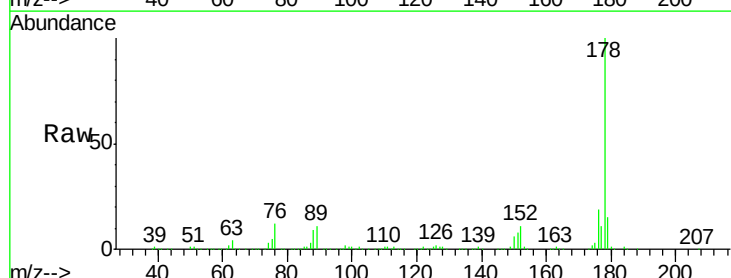
Tgt Ion:178 Resp: 438453

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

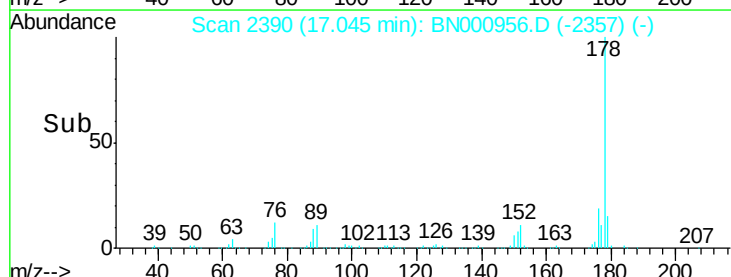
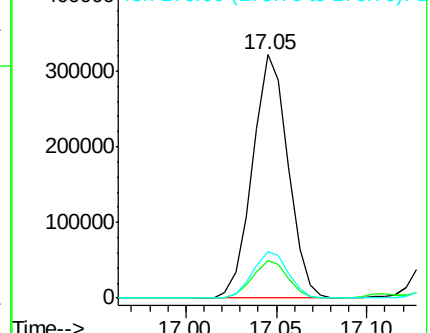
176 18.9 15.1 22.7

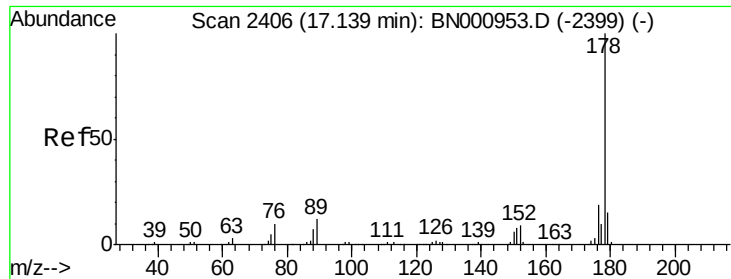


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

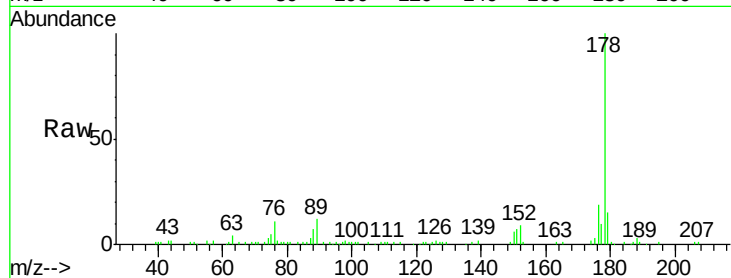
Ion 176.00 (175.70 to 176.70): E





#15
 Anthracene
 Concen: 3.261 ng/ul
 RT: 17.14 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BN000956.D
 Acq: 27 Apr 2018 05:12

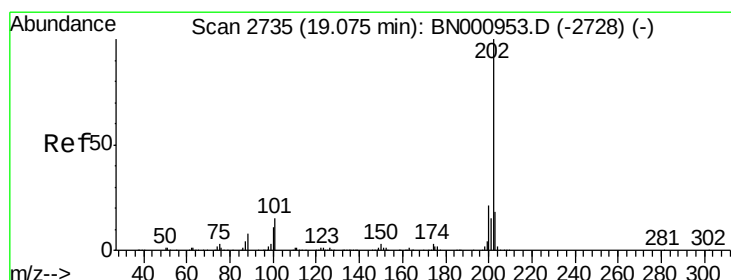
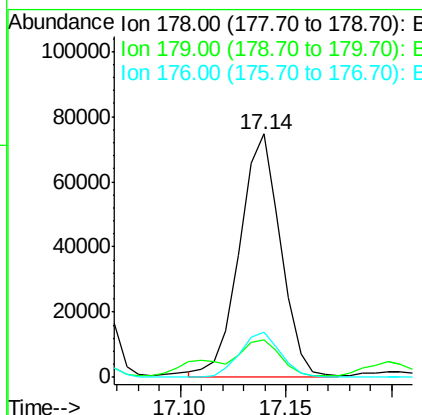
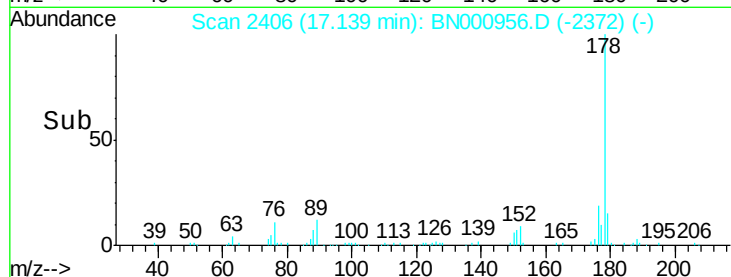
Instrument :
 BNA_N
 ClientSampled :
 DAS63



Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.8
176	18.8	15.2	22.8

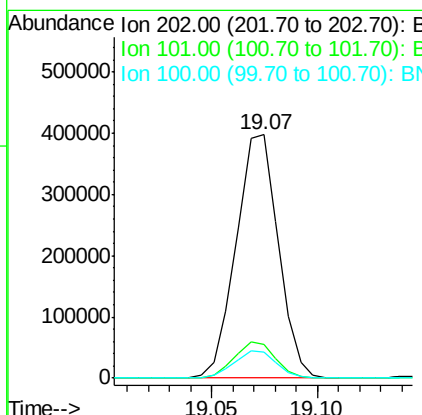
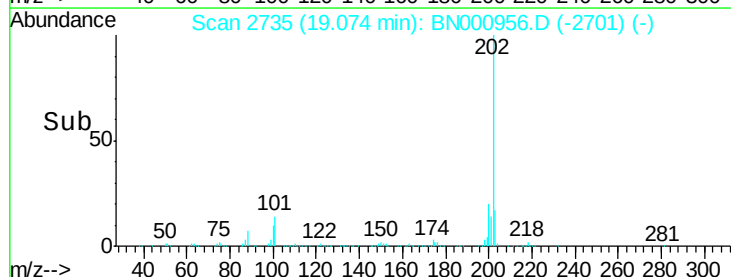
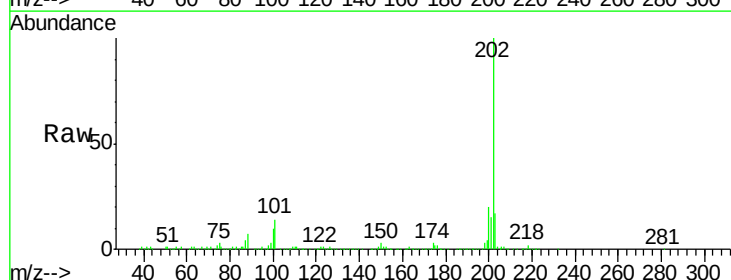
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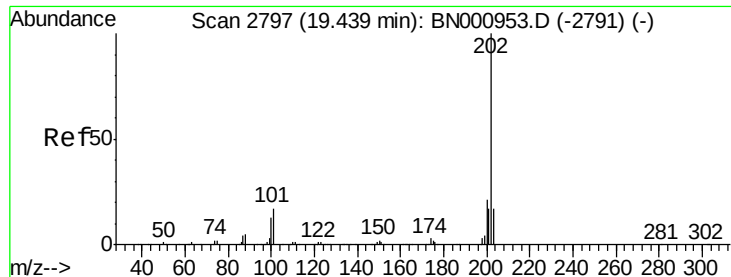
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#16
 Fluoranthene
 Concen: 17.601 ng/ul
 RT: 19.07 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: BN000956.D
 Acq: 27 Apr 2018 05:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.9	14.9
100	10.5	7.4	11.0





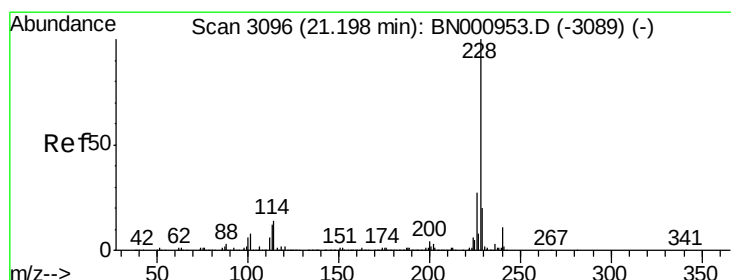
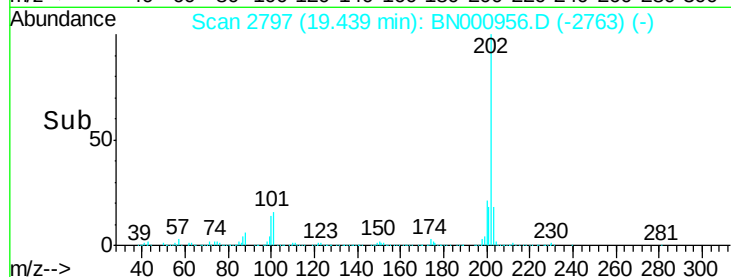
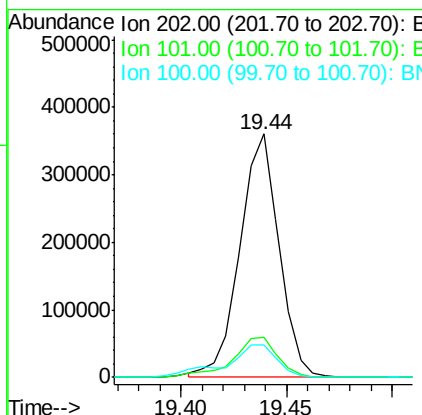
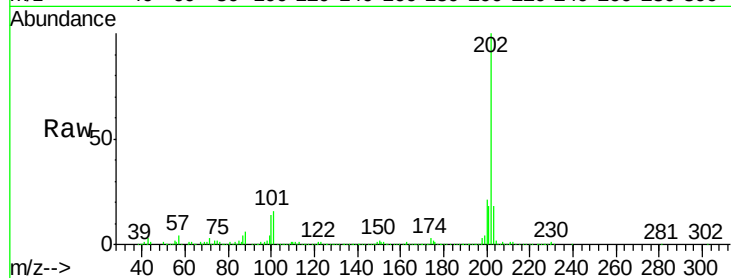
#19
 Pyrene
 Concen: 14.167 ng/ul
 RT: 19.44 min Scan# 2797
 Delta R.T. -0.00 min
 Lab File: BN000956.D
 Acq: 27 Apr 2018 05:12

Instrument :
 BNA_N
 ClientSampleId :
 DAS63

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	461424		
101	16.4	11.0	16.4	
100	13.5	8.1	12.1	

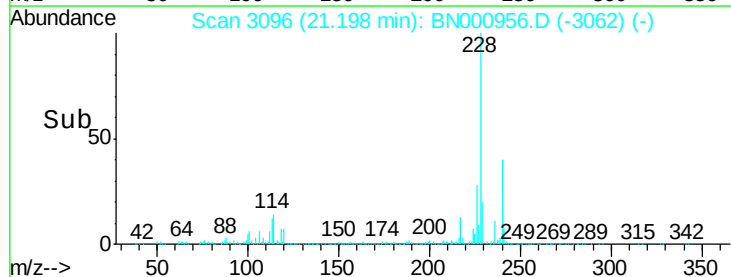
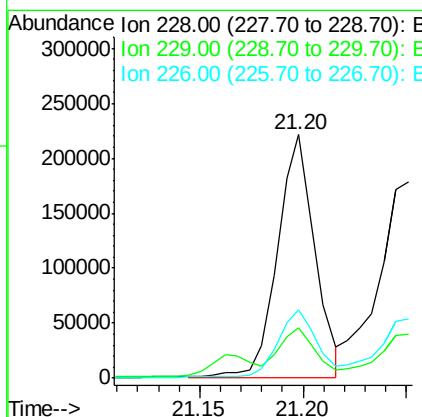
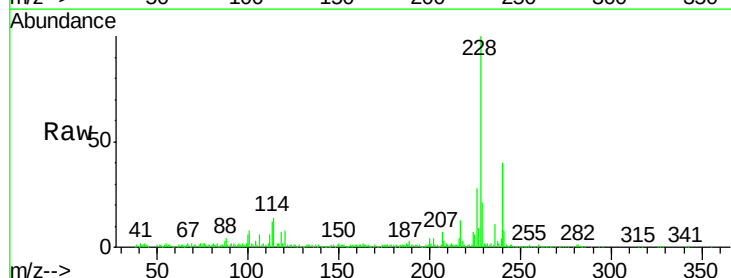
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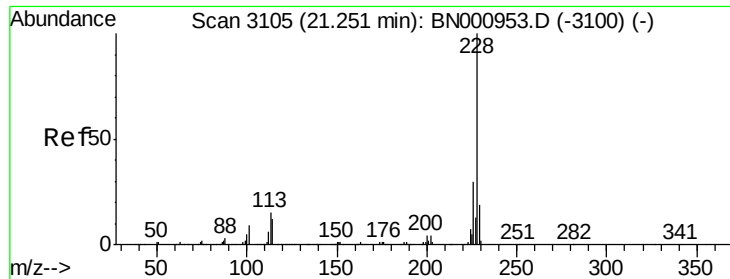
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#20
 Benzo(a)anthracene
 Concen: 9.182 ng/ul m
 RT: 21.20 min Scan# 3096
 Delta R.T. -0.00 min
 Lab File: BN000956.D
 Acq: 27 Apr 2018 05:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	278331		
229	20.6	15.7	23.5	
226	28.1	21.1	31.7	





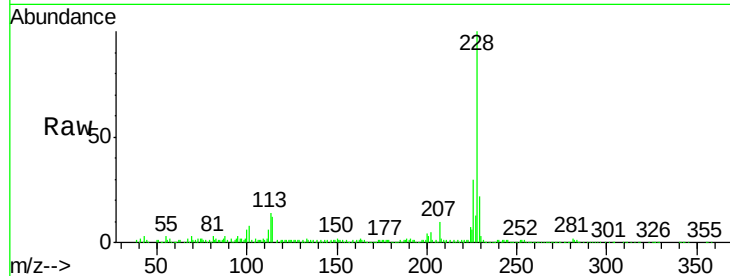
#21
Chrysene
Concen: 9.098 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN000956.D
Acq: 27 Apr 2018 05:12

Instrument :
BNA_N
ClientSampled :
DAS63

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	259211		
226	30.5		24.5	36.7
229	22.5		15.8	23.8

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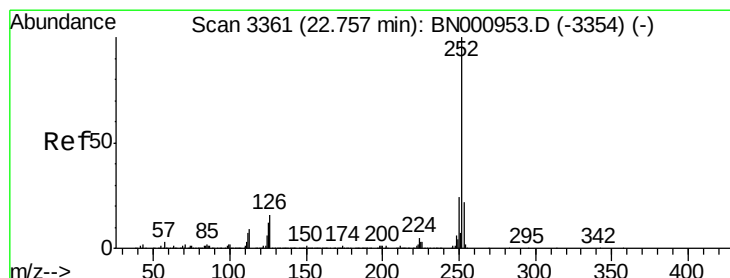
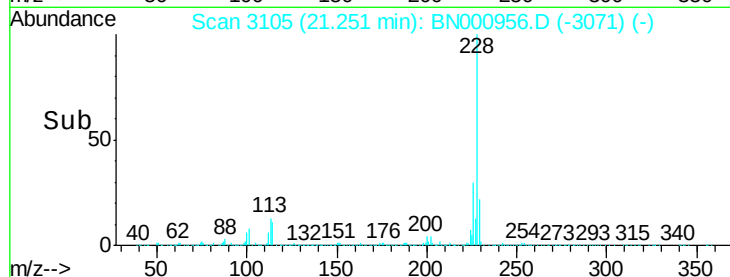
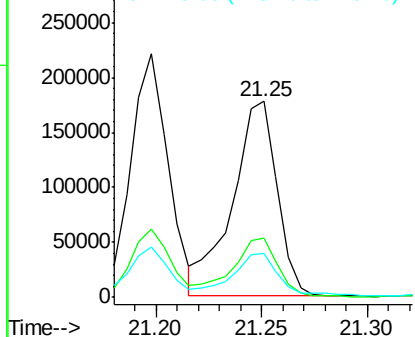


Abundance

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



#23
Benzo(b)fluoranthene
Concen: 12.402 ng/ul m
RT: 22.76 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BN000956.D
Acq: 27 Apr 2018 05:12

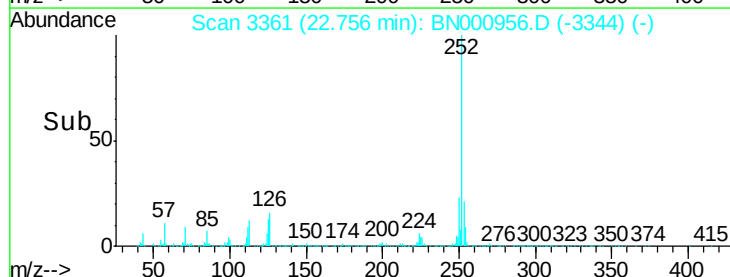
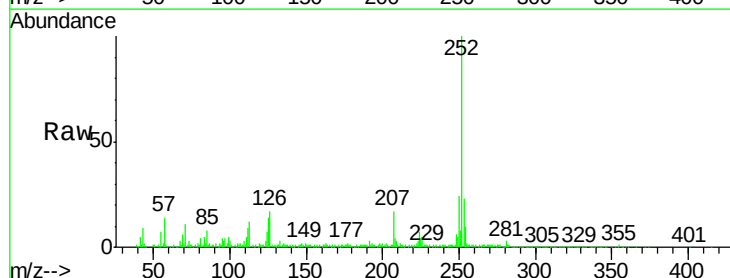
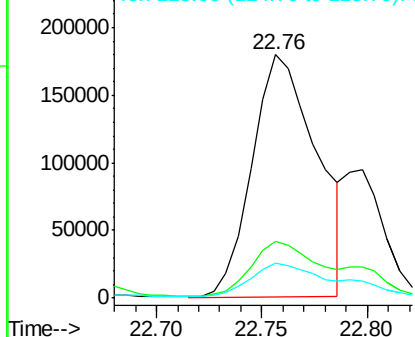
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	384841		
253	23.1		18.0	27.0
125	14.3		8.0	12.0#

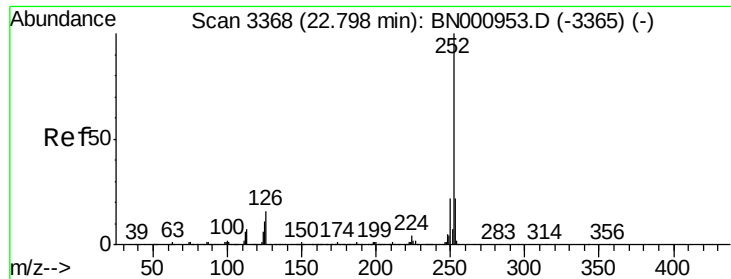
Abundance

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





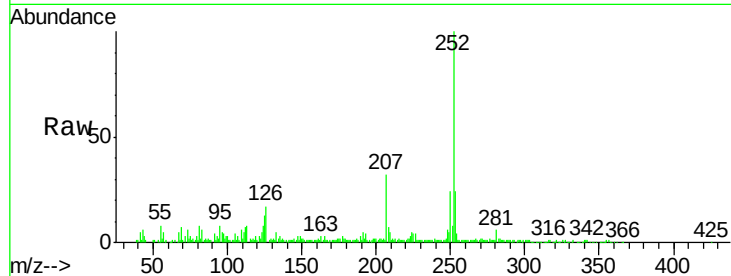
#24
Benzo(k)fluoranthene
Concen: 3.891 ng/ul m
RT: 22.80 min Scan# 3368
Delta R.T. -0.00 min
Lab File: BN000956.D
Acq: 27 Apr 2018 05:12

Instrument :
BNA_N
ClientSampled :
DAS63

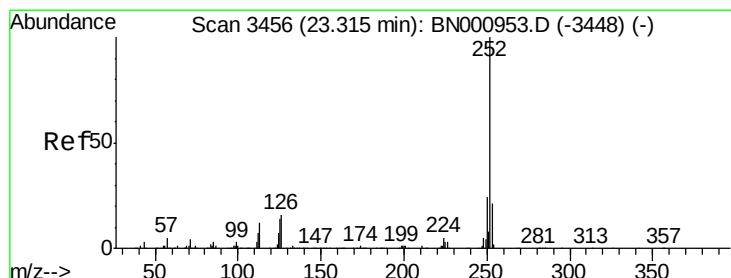
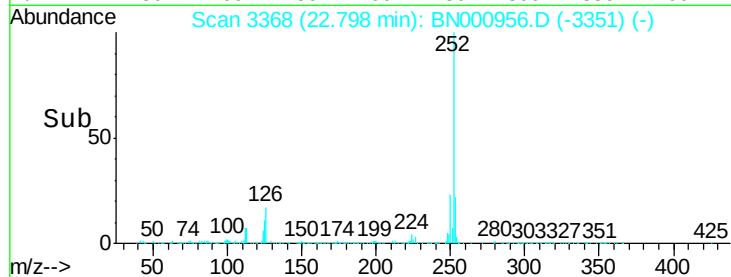
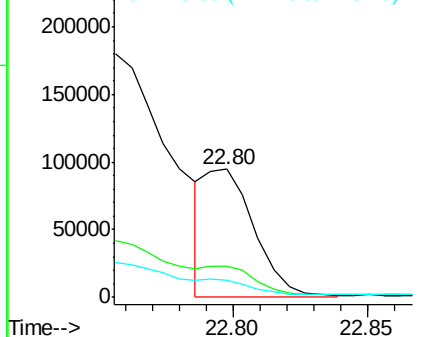
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	13.1	8.1	12.1

Manual Integrations
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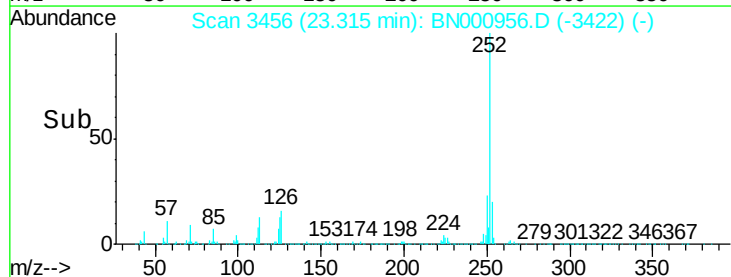
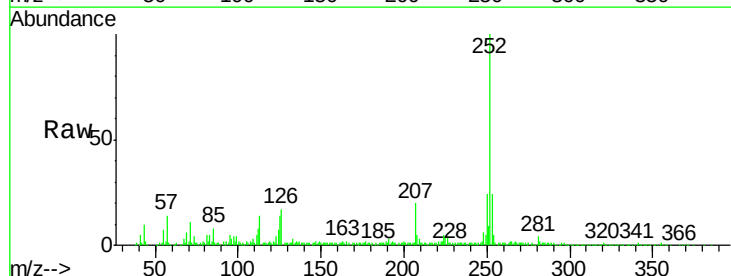
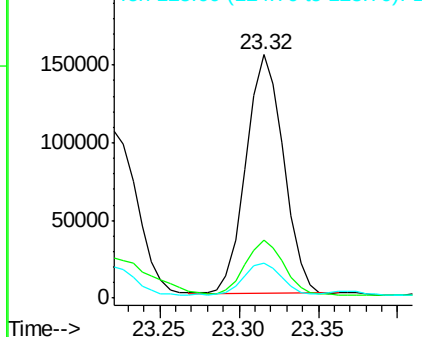
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

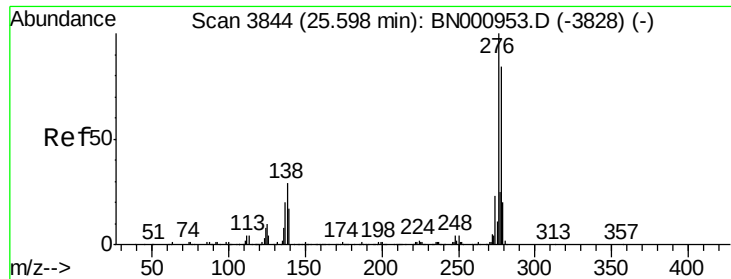


#26
Benzo(a)pyrene
Concen: 8.555 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BN000956.D
Acq: 27 Apr 2018 05:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	14.4	8.2	12.4

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





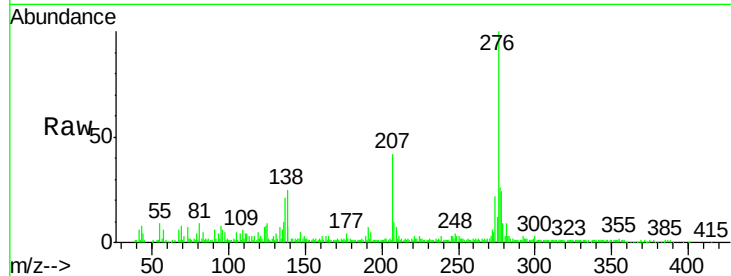
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 5.380 ng/ul
 RT: 25.59 min Scan# 3843
 Delta R.T. -0.01 min
 Lab File: BN000956.D
 Acq: 27 Apr 2018 05:12

Instrument :
 BNA_N
 ClientSampled :
 DAS63

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	14.4	21.6#
277	25.8	18.0	27.0

Manual Integrations
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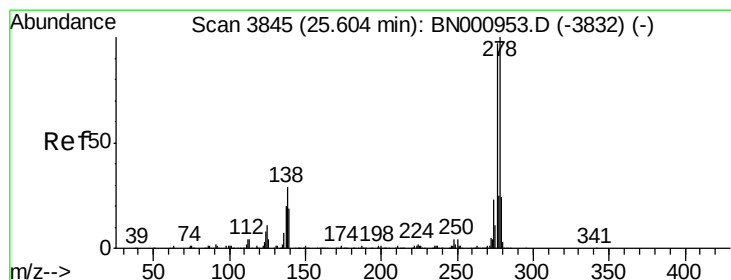
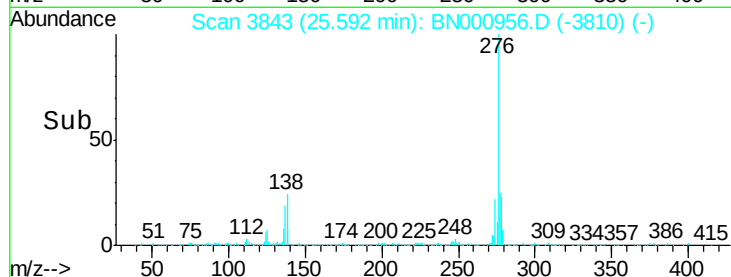
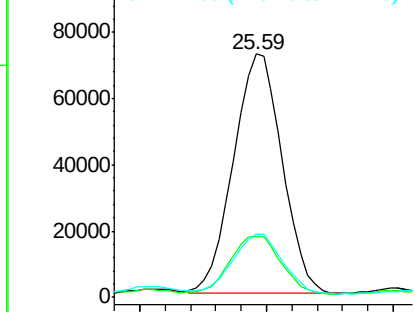


Abundance

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: 1.859 ng/ul
 RT: 25.60 min Scan# 3844
 Delta R.T. -0.01 min
 Lab File: BN000956.D
 Acq: 27 Apr 2018 05:12

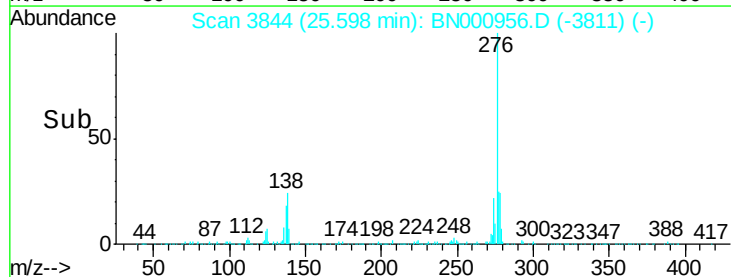
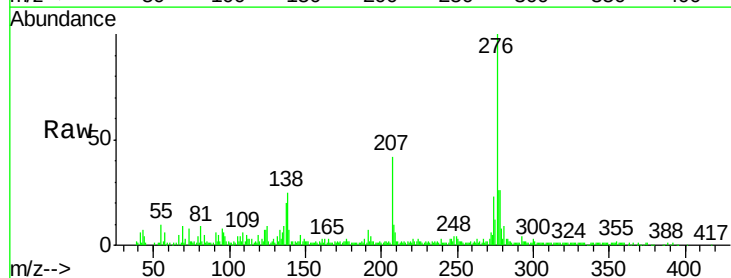
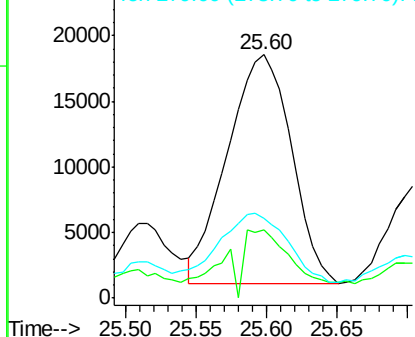
Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.1	12.2	18.4#
279	33.0	19.2	28.8#

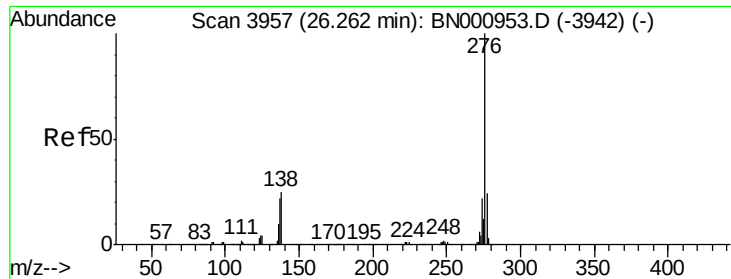
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#29

Benzo(g,h,i)perylene

Concen: 6.050 ng/ul

RT: 26.26 min Scan# 3957

Delta R.T. -0.00 min

Lab File: BN000956.D

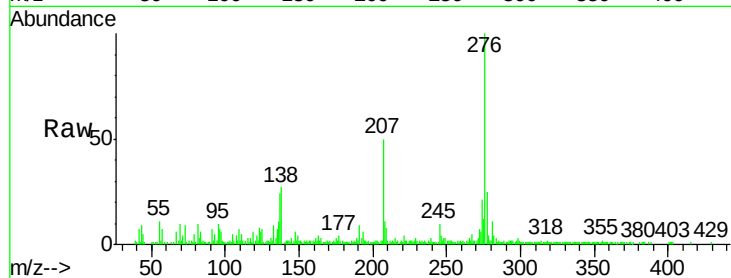
Acq: 27 Apr 2018 05:12

Instrument :

BNA_N

ClientSampleId :

DAS63



Tgt Ion: 276 Resp: 181257

Ion Ratio Lower Upper

276 100

138 26.7 15.3 22.9#

277 24.8 19.0 28.4

Manual Integrations
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