

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042618\
 Data File : BN000933.D
 Acq On : 26 Apr 2018 15:44
 Operator : JU/SJ
 Sample : J2485-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS37

Manual Integrations
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Quant Time: Apr 27 08:14:19 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 27 07:47:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	147666	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	613818	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	288550	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.01	188	514909	20.00	ng/ul	0.00
17) Chrysene-d12	21.23	240	454457	20.00	ng/ul	0.00
22) Perylene-d12	23.43	264	486981	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	784311	28.30	ng/ul	0.00
10) Fluorene-d10	15.26	176	513994	27.79	ng/ul	0.00
14) Anthracene-d10	17.11	188	676311	28.72	ng/ul	0.00
18) Pyrene-d10	19.42	212	671414	28.83	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.30	264	724682	31.50	ng/ul	0.02
Target Compounds				Qvalue		
4) 2-Methylnaphthalene	12.06	142	26761	1.297	ng/ul	95
5) 1-Methylnaphthalene	12.28	142	22024	1.088	ng/ul	95
13) Phenanthrene	17.05	178	82256	2.929	ng/ul	99
16) Fluoranthene	19.07	202	133780	4.695	ng/ul#	93
19) Pyrene	19.45	202	119563	4.096	ng/ul#	92
20) Benzo(a)anthracene	21.21	228	87654m	3.227	ng/ul	
21) Chrysene	21.26	228	110041	4.310	ng/ul	97
23) Benzo(b)fluoranthene	22.77	252	208094m	7.519	ng/ul	
24) Benzo(k)fluoranthene	22.82	252	67876m	2.506	ng/ul	
26) Benzo(a)pyrene	23.34	252	137657	5.205	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.62	276	135938	4.255	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.63	278	37827	1.421	ng/ul#	84
29) Benzo(g,h,i)perylene	26.29	276	131130	4.908	ng/ul#	90

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

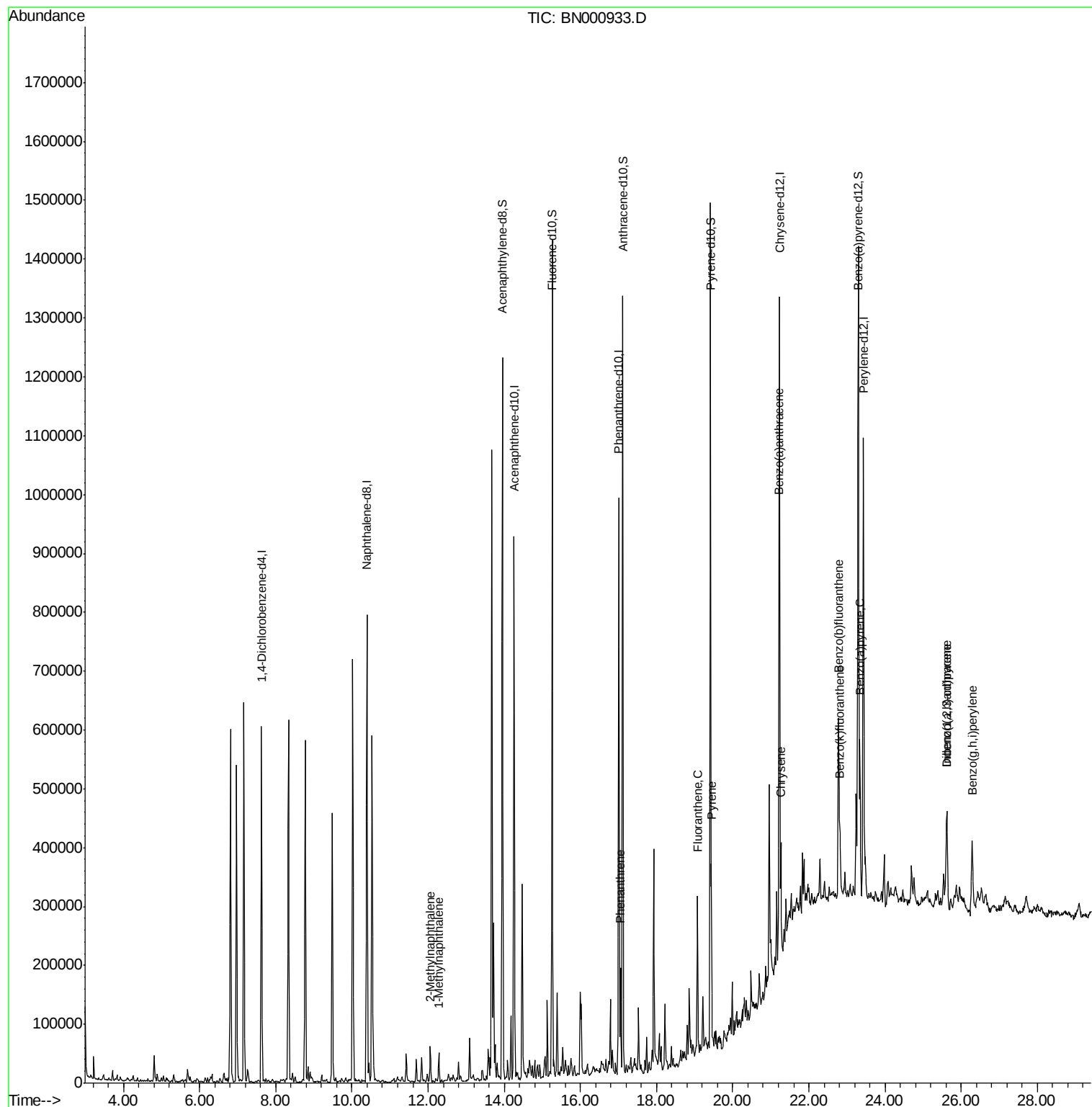
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042618\
Data File : BN000933.D
Acq On : 26 Apr 2018 15:44
Operator : JU/SJ
Sample : J2485-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

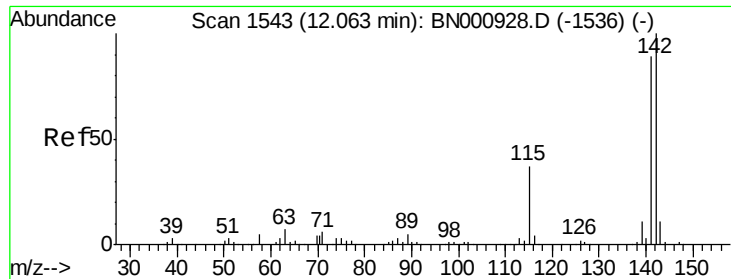
Instrument :
BNA_N
ClientSampled :
DAS37

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Quant Time: Apr 27 08:14:19 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#4

2-Methylnaphthalene

Concen: 1.297 ng/ul

RT: 12.06 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BN000933.D

Acq: 26 Apr 2018 15:44

Instrument :

BNA_N

ClientSampleId :

DAS37

Tgt Ion:142 Resp: 26761

Ion Ratio Lower Upper

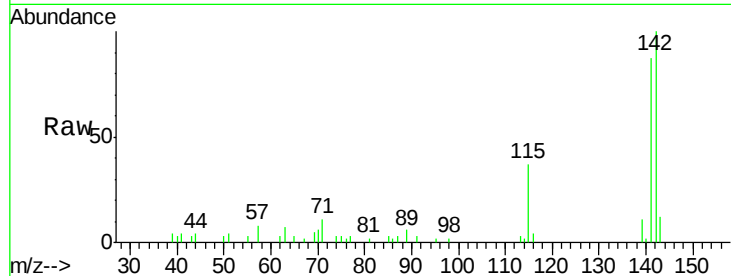
142 100

141 86.6 72.7 109.1

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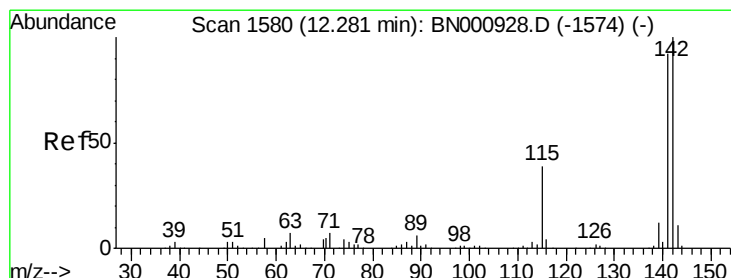
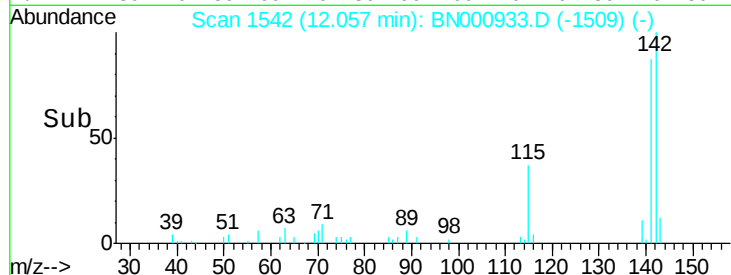
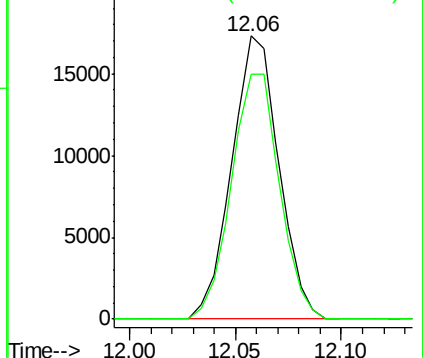
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#5

1-Methylnaphthalene

Concen: 1.088 ng/ul

RT: 12.28 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BN000933.D

Acq: 26 Apr 2018 15:44

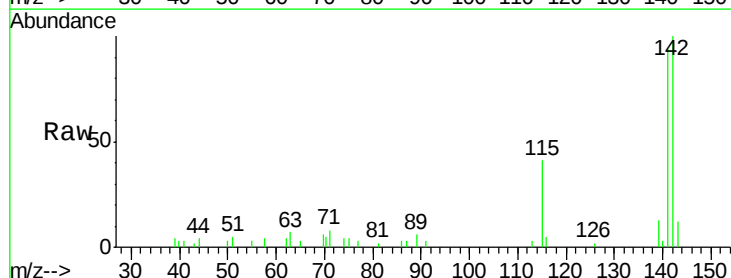
Tgt Ion:142 Resp: 22024

Ion Ratio Lower Upper

142 100

141 94.1 79.3 118.9

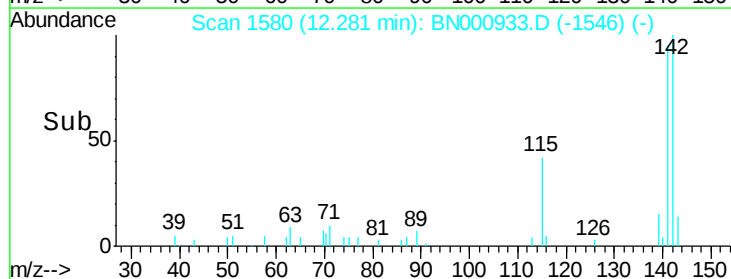
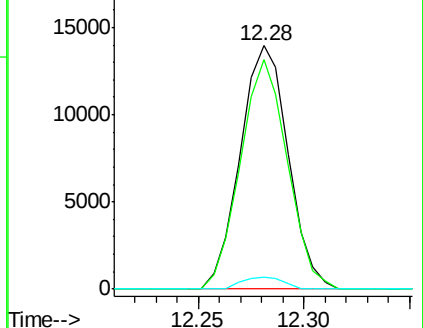
116 4.7 4.2 6.2

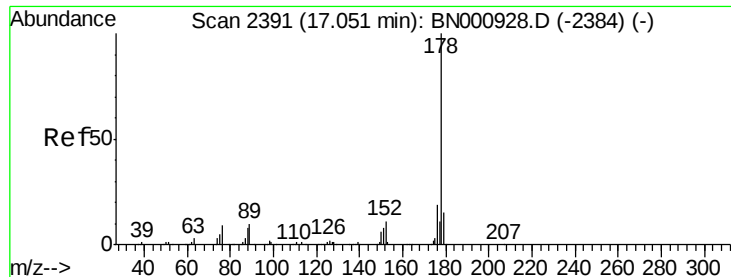


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





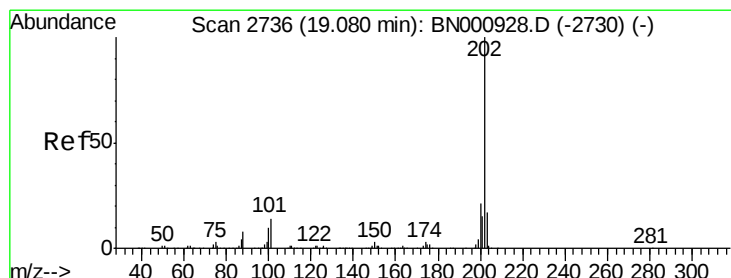
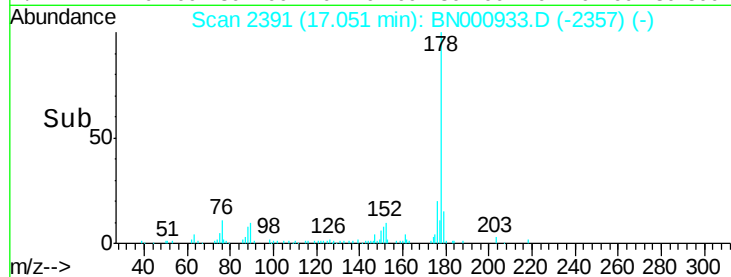
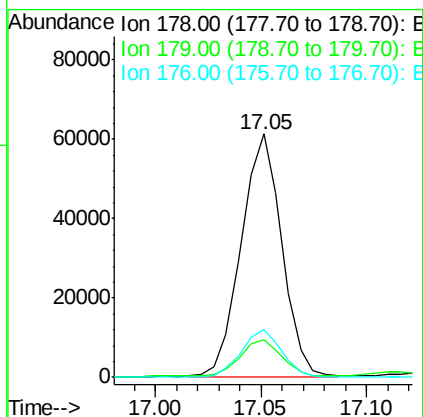
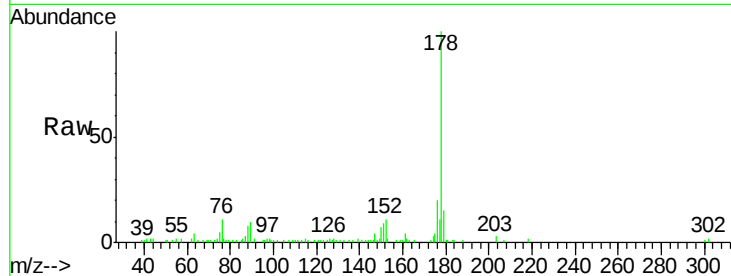
#13
Phenanthrene
Concen: 2.929 ng/ul
RT: 17.05 min Scan# 2391
Delta R.T. 0.00 min
Lab File: BN000933.D
Acq: 26 Apr 2018 15:44

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.8	15.1	22.7

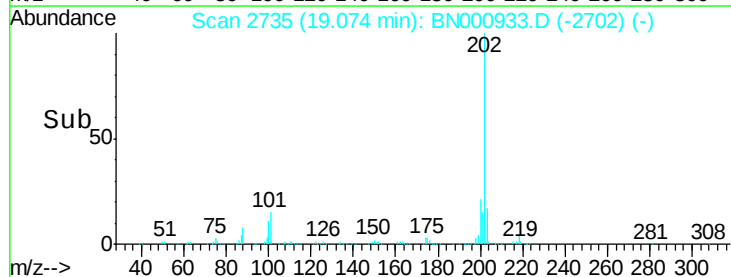
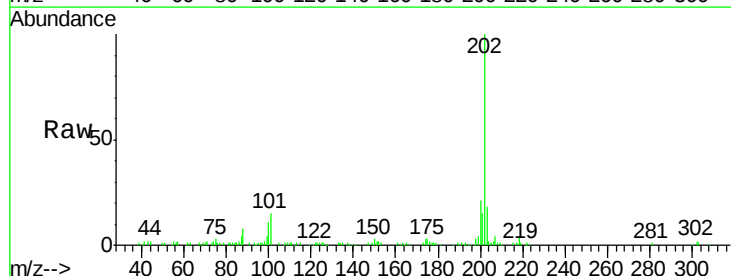
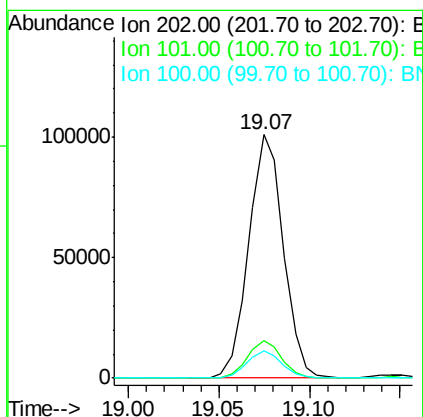
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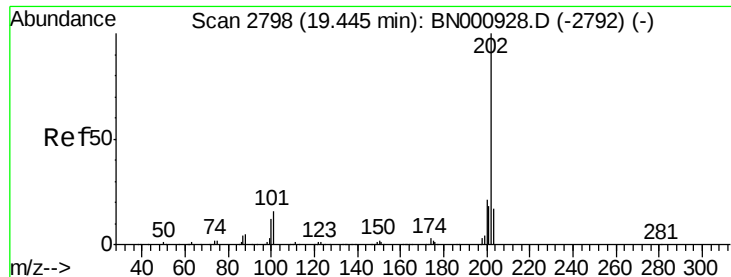
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#16
Fluoranthene
Concen: 4.695 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. -0.01 min
Lab File: BN000933.D
Acq: 26 Apr 2018 15:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.3	9.9	14.9#
100	11.2	7.4	11.0#





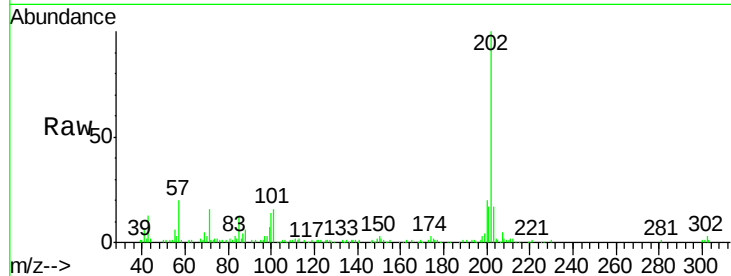
#19
Pyrene
Concen: 4.096 ng/ul
RT: 19.45 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BN000933.D
Acq: 26 Apr 2018 15:44

Instrument :
BNA_N
ClientSampleId :
DAS37

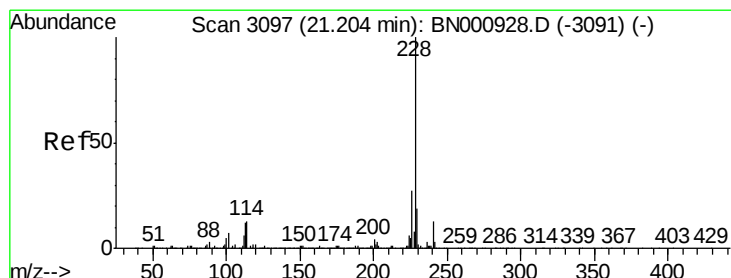
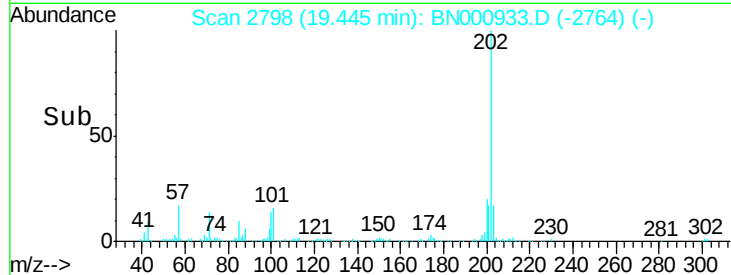
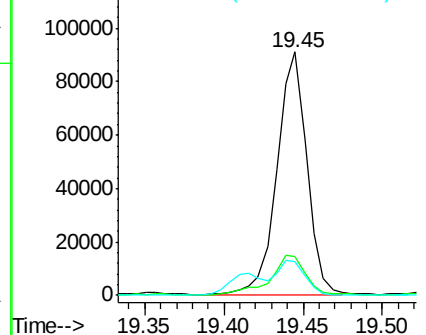
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	16.2	11.0	16.4
100	13.8	8.1	12.1

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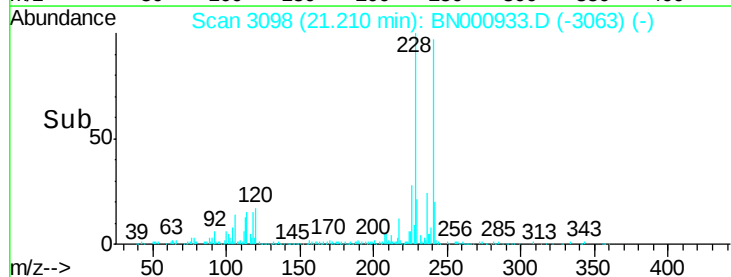
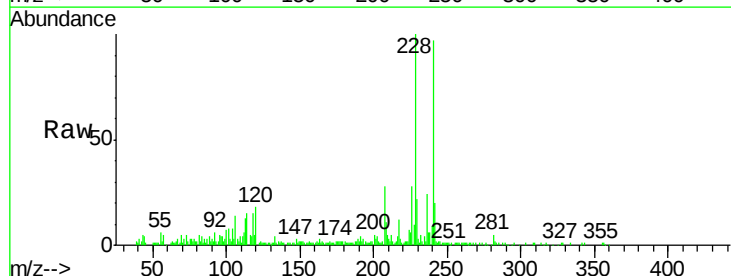
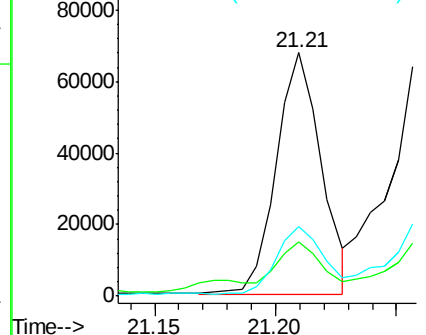
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

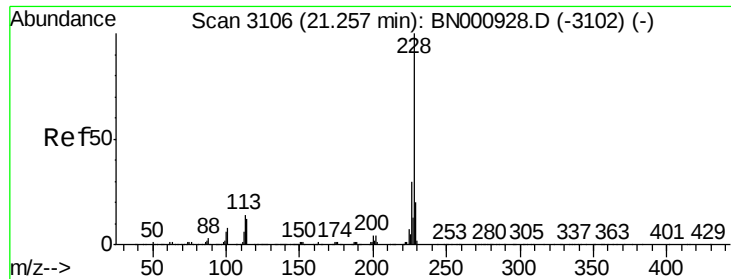


#20
Benzo(a)anthracene
Concen: 3.227 ng/ul m
RT: 21.21 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BN000933.D
Acq: 26 Apr 2018 15:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.2	15.7	23.5
226	28.3	21.1	31.7

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





#21

Chrysene

Concen: 4.310 ng/ul

RT: 21.26 min Scan# 3107

Delta R.T. 0.01 min

Lab File: BN000933.D

Acq: 26 Apr 2018 15:44

Instrument :

BNA_N

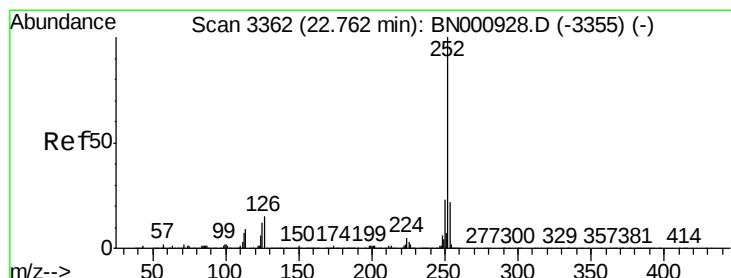
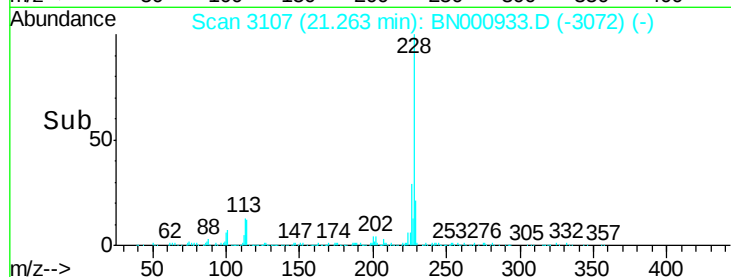
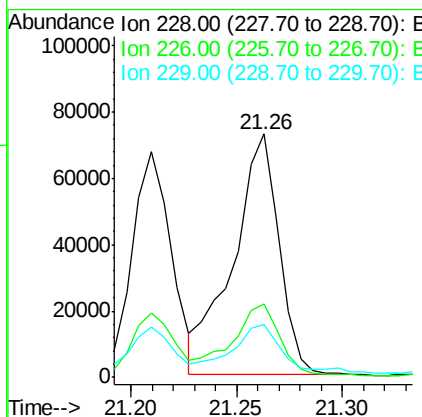
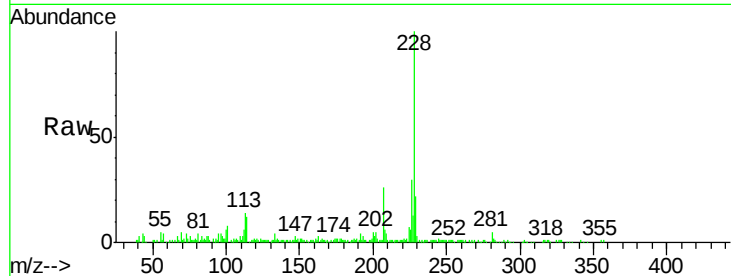
ClientSampleId :

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Tgt Ion:	228	Resp:	110041
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.5	36.7
229	21.9	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 7.519 ng/ul m

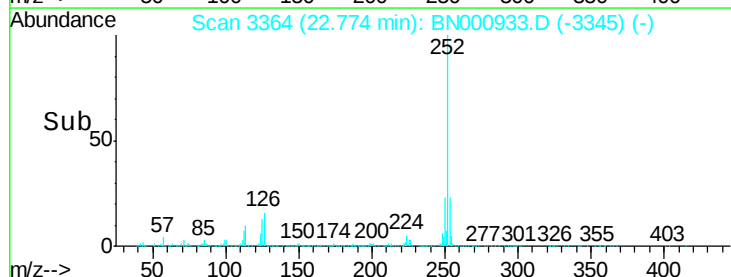
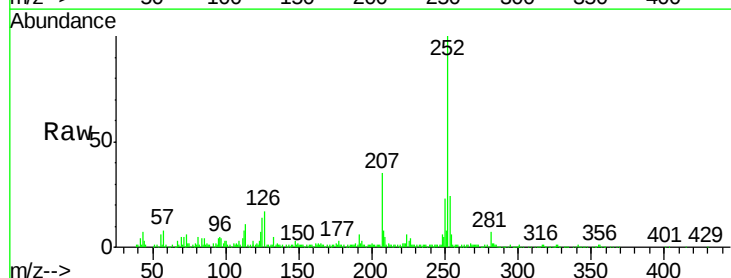
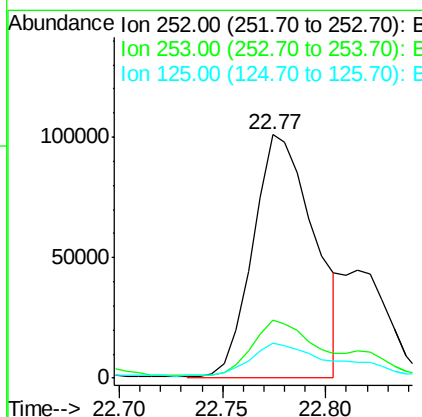
RT: 22.77 min Scan# 3364

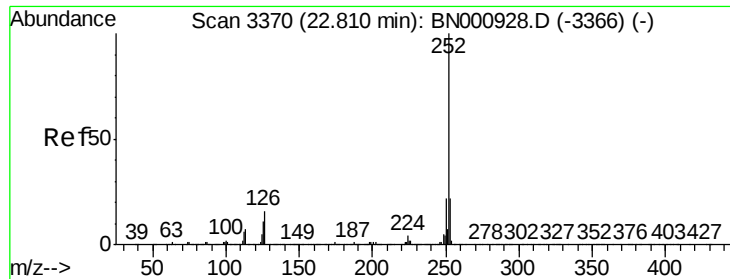
Delta R.T. 0.01 min

Lab File: BN000933.D

Acq: 26 Apr 2018 15:44

Tgt Ion:	252	Resp:	208094
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.0	27.0
125	14.2	8.0	12.0#





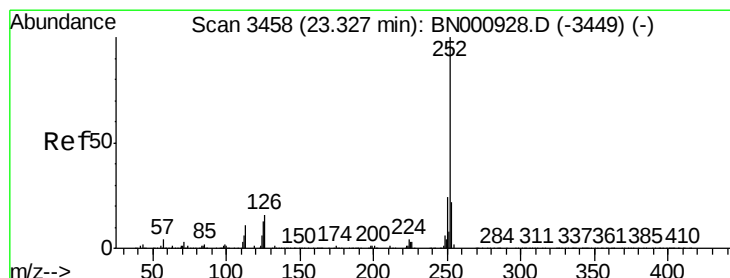
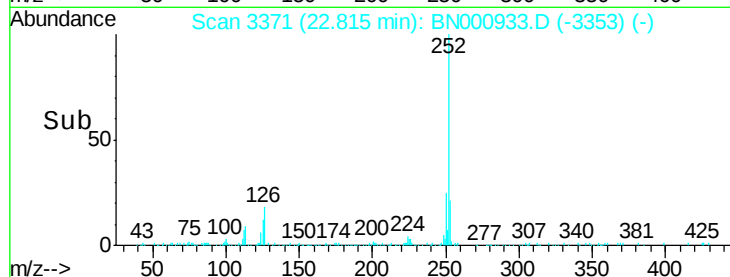
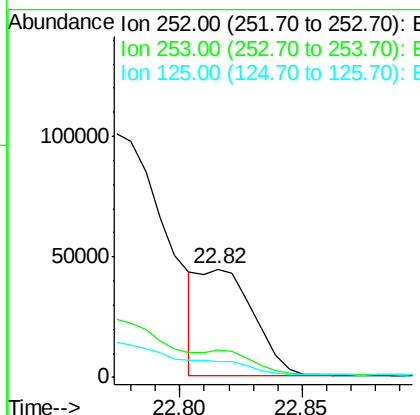
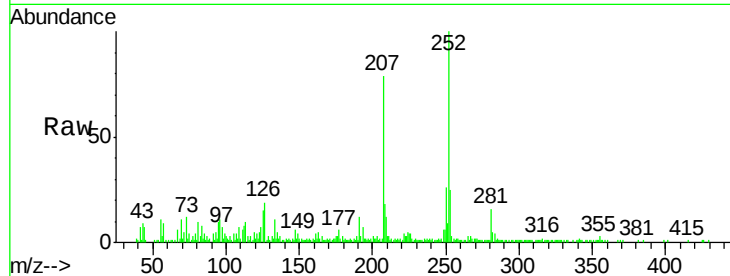
#24
Benzo(k)fluoranthene
Concen: 2.506 ng/ul m
RT: 22.82 min Scan# 3371
Delta R.T. 0.01 min
Lab File: BN000933.D
Acq: 26 Apr 2018 15:44

Instrument :
BNA_N
ClientSampleId :
DAS37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.0	27.0
125	14.9	8.1	12.1

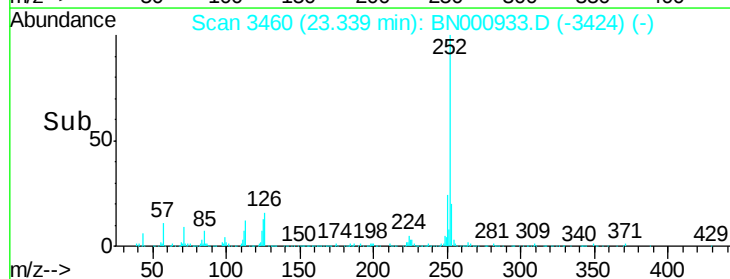
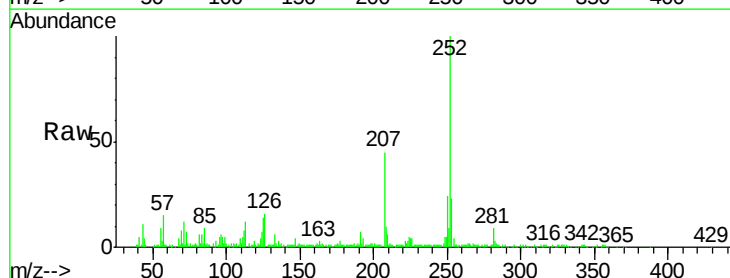
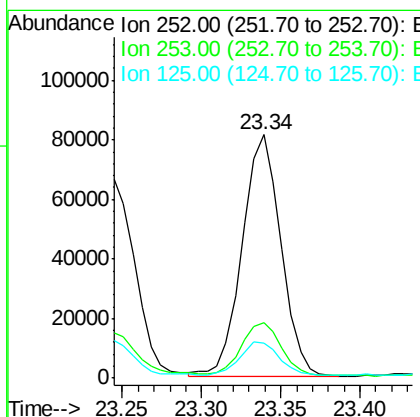
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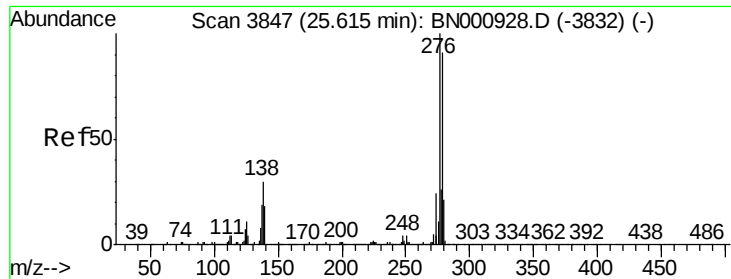
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#26
Benzo(a)pyrene
Concen: 5.205 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. 0.01 min
Lab File: BN000933.D
Acq: 26 Apr 2018 15:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	14.4	8.2	12.4





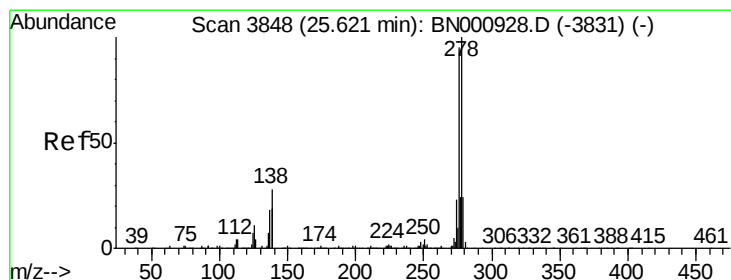
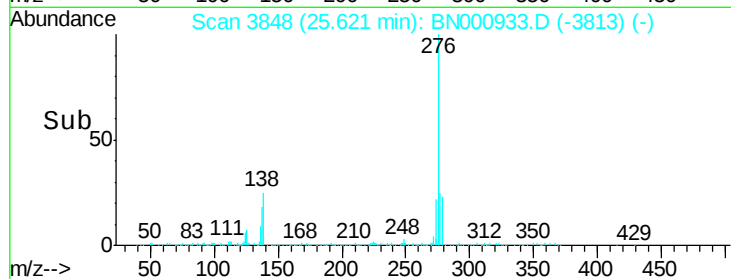
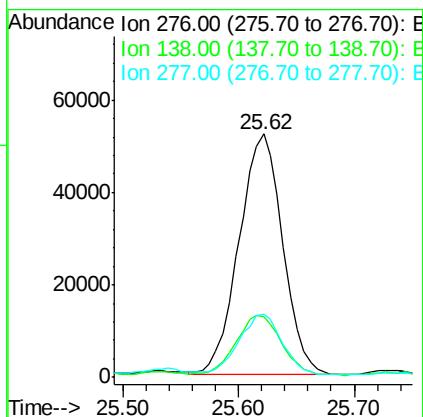
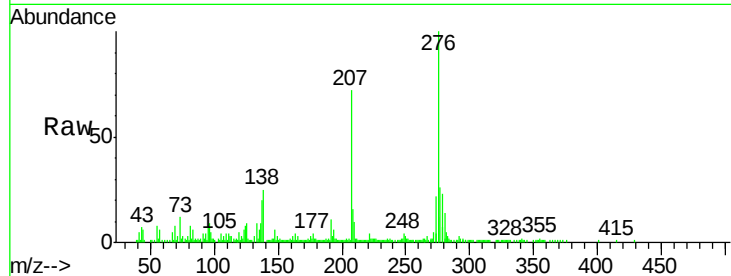
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 4.255 ng/ul
 RT: 25.62 min Scan# 3848
 Delta R.T. 0.01 min
 Lab File: BN000933.D
 Acq: 26 Apr 2018 15:44

Instrument :
 BNA_N
 ClientSampleId :
 DAS37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	14.4	21.6#
277	26.0	18.0	27.0

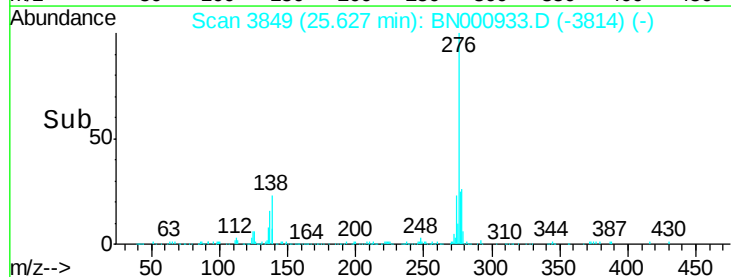
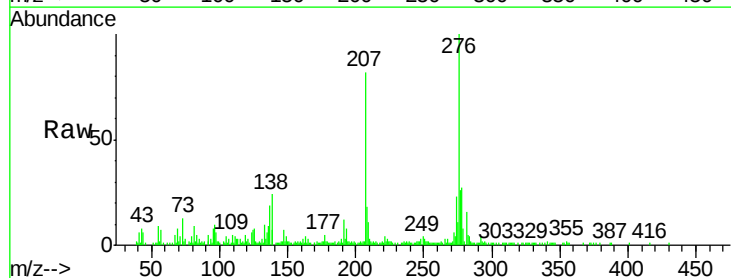
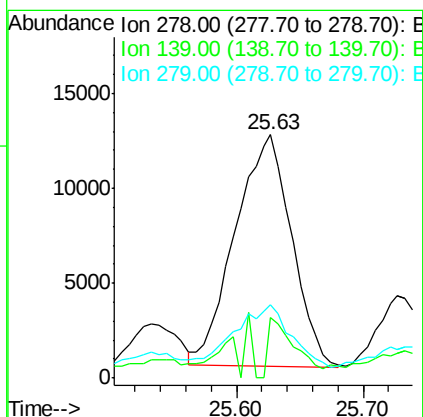
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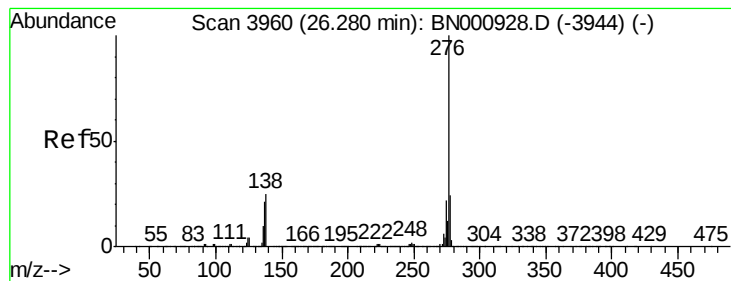
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#28
 Dibenzo(a,h)anthracene
 Concen: 1.421 ng/ul
 RT: 25.63 min Scan# 3849
 Delta R.T. 0.01 min
 Lab File: BN000933.D
 Acq: 26 Apr 2018 15:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.8	12.2	18.4#
279	30.0	19.2	28.8#





#29

Benzo(g,h,i)perylene

Concen: 4.908 ng/ul

RT: 26.29 min Scan# 3961

Delta R.T. 0.01 min

Lab File: BN000933.D

Acq: 26 Apr 2018 15:44

Instrument :

BNA_N

ClientSampleId :

DAS37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.6	15.3	22.9#
277	25.2	19.0	28.4

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