

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
 Data File : BN000878.D
 Acq On : 25 Apr 2018 07:14
 Operator : JU/SJ
 Sample : J2444-03
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DARS2

Manual Integrations
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Quant Time: Apr 25 08:56:32 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 08:30:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	205506	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	906503	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	465114	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	887701	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	655754	20.00	ng/ul	0.00
22) Perylene-d12	23.39	264	682859	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	816183	18.27	ng/ul	0.00
10) Fluorene-d10	15.25	176	562860	18.88	ng/ul	0.00
14) Anthracene-d10	17.10	188	754199	18.58	ng/ul	0.00
18) Pyrene-d10	19.40	212	696121	20.72	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	655736	20.33	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.43	128	54042	1.183	ng/ul	99
13) Phenanthrene	17.04	178	458667	9.474	ng/ul	99
15) Anthracene	17.13	178	92424	1.903	ng/ul	99
16) Fluoranthene	19.06	202	689047	14.027	ng/ul#	94
19) Pyrene	19.43	202	562772	13.361	ng/ul#	89
20) Benzo(a)anthracene	21.19	228	289716m	7.391	ng/ul	
21) Chrysene	21.24	228	270840m	7.351	ng/ul	
23) Benzo(b)fluoranthene	22.75	252	440611m	11.354	ng/ul	
24) Benzo(k)fluoranthene	22.78	252	108393m	2.854	ng/ul	
26) Benzo(a)pyrene	23.30	252	284020	7.658	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.56	276	225071	5.024	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.57	278	54584	1.462	ng/ul#	79
29) Benzo(a,h,i)perylene	26.23	276	229981	6.138	ng/ul#	93

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

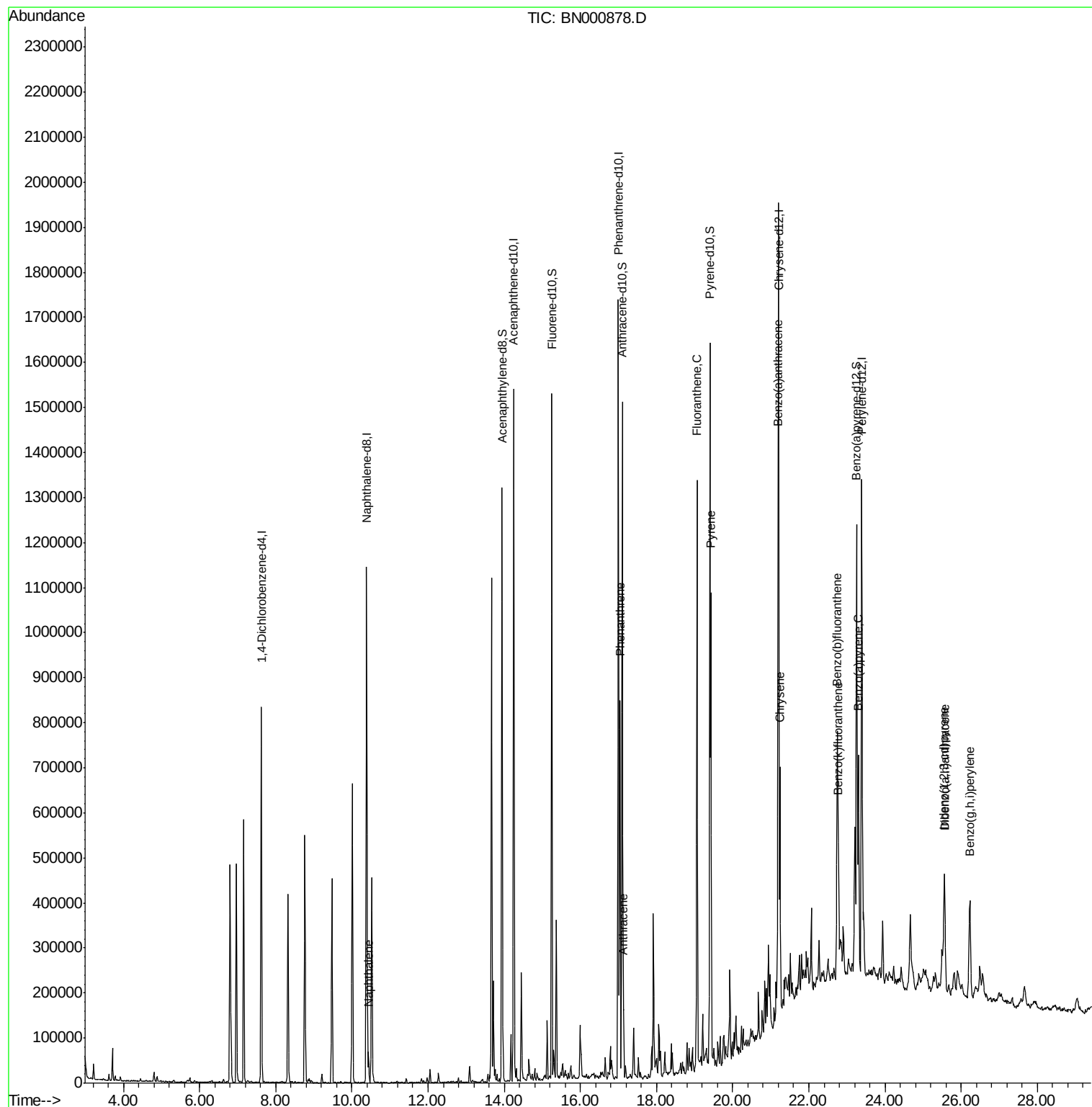
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000878.D
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Operator : JU/SJ
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ALS Vial : 37 Sample Multiplier: 1

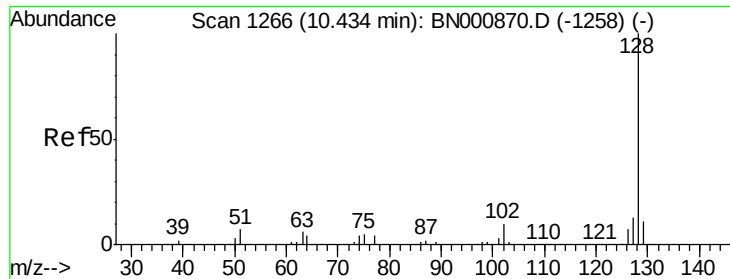
Instrument :
BNA_N
ClientSampled :
DARS2

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Quant Time: Apr 25 08:56:32 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 08:30:17 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.183 ng/ul

RT: 10.43 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BN000878.D

Acq: 25 Apr 2018 07:14

Instrument :

BNA_N

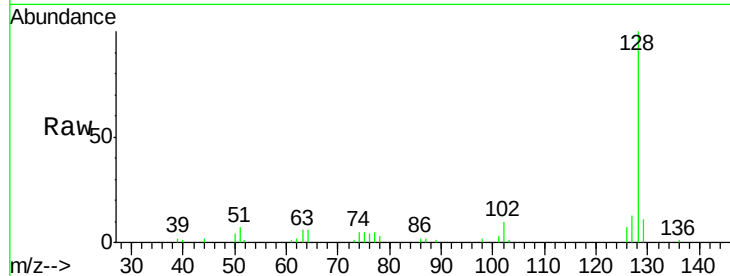
ClientSampled :

DARS2

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.7	13.1
127	12.6	10.6	16.0

Manual Integrations
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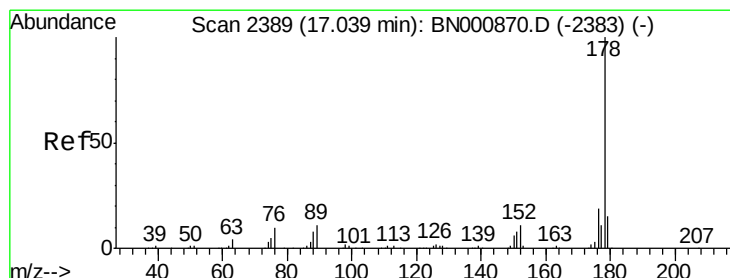
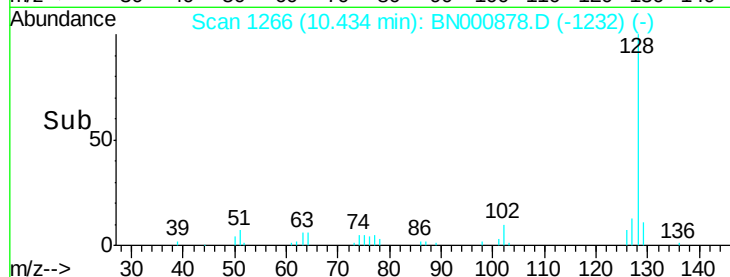
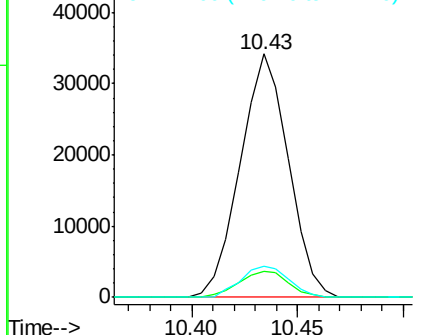
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#13

Phenanthrene

Concen: 9.474 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BN000878.D

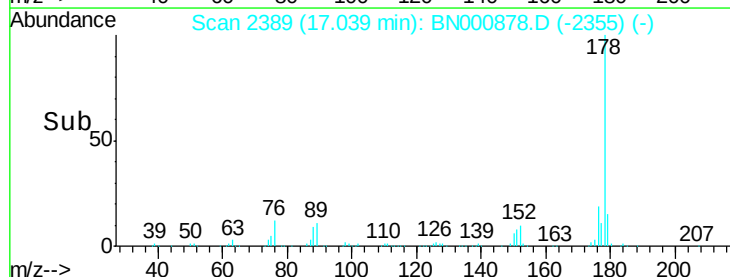
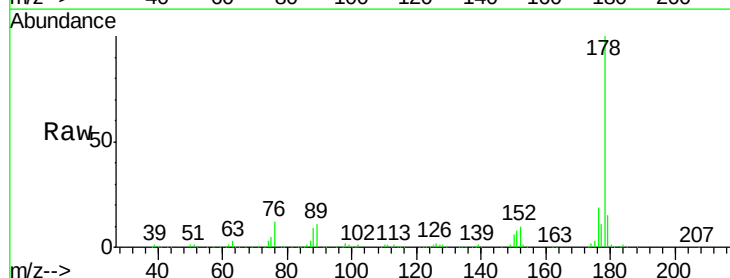
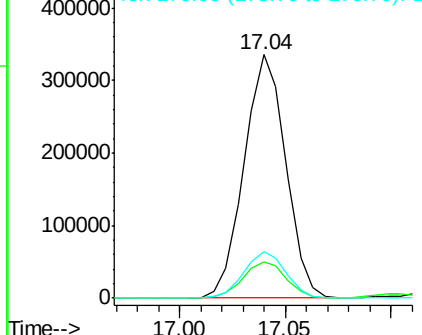
Acq: 25 Apr 2018 07:14

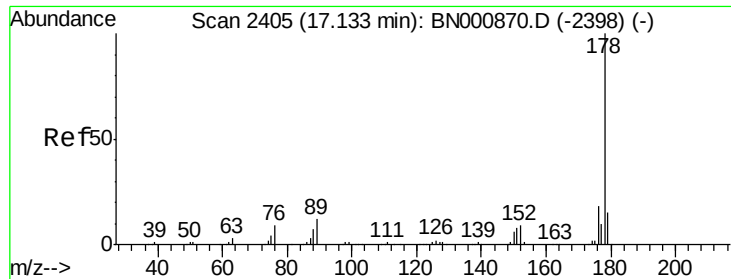
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	19.2	15.1	22.7

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





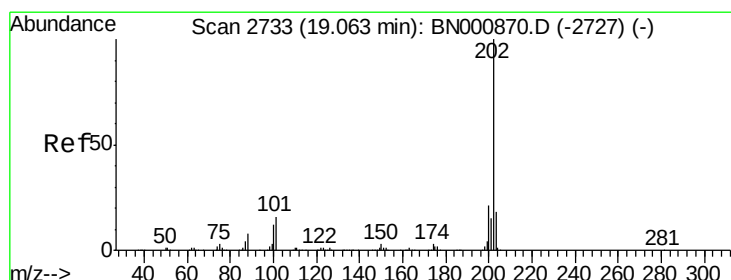
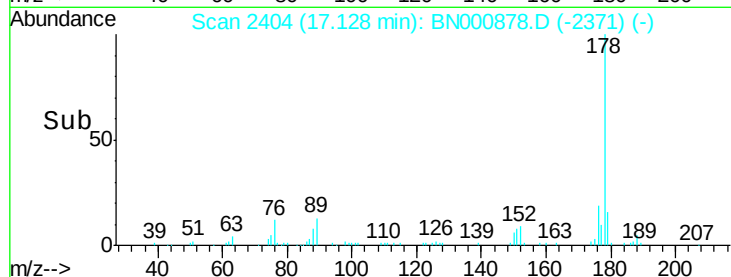
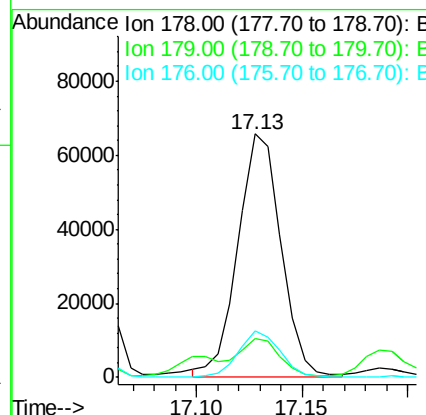
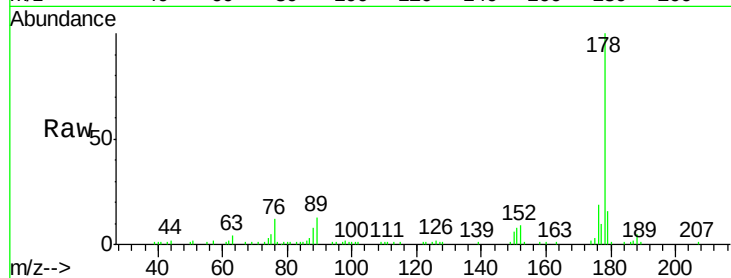
#15
 Anthracene
 Concen: 1.903 ng/ul
 RT: 17.13 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BN000878.D
 Acq: 25 Apr 2018 07:14

Instrument :
 BNA_N
 ClientSampled :
 DARS2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.8	17.8
176	19.3	15.2	22.8

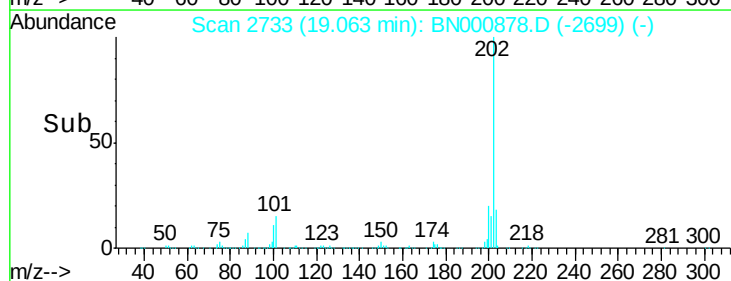
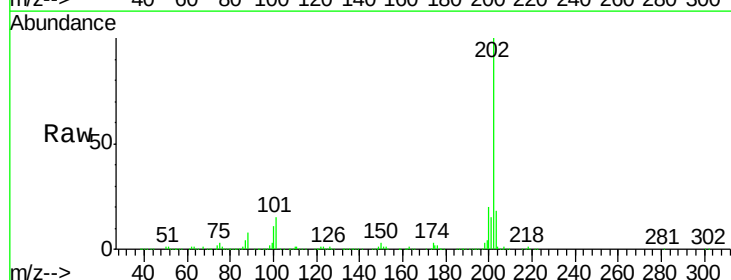
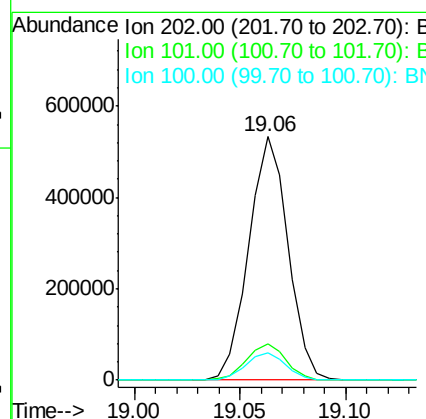
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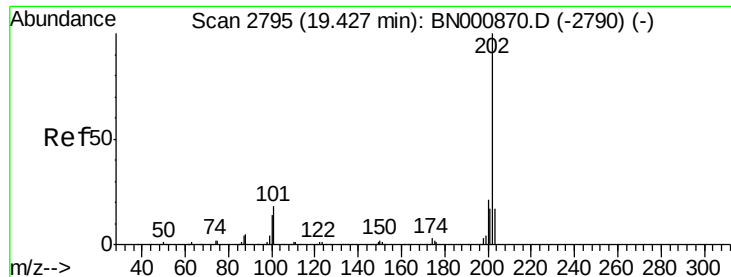
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#16
 Fluoranthene
 Concen: 14.027 ng/ul
 RT: 19.06 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: BN000878.D
 Acq: 25 Apr 2018 07:14

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





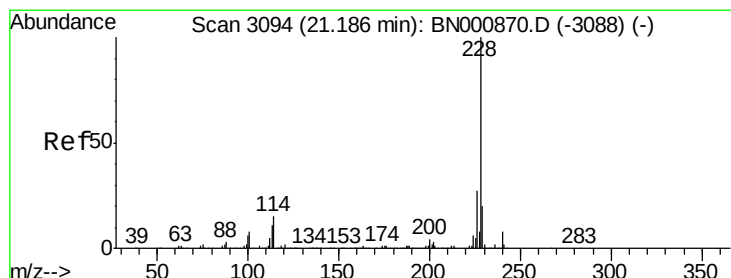
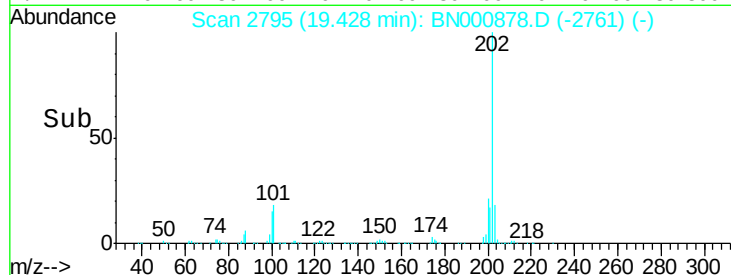
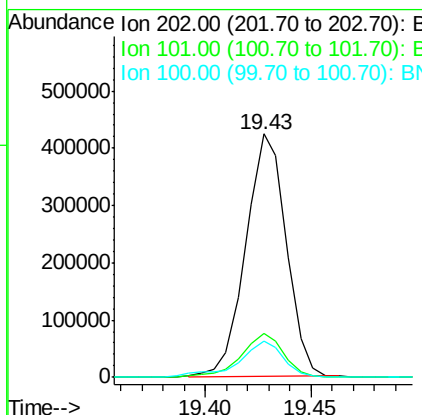
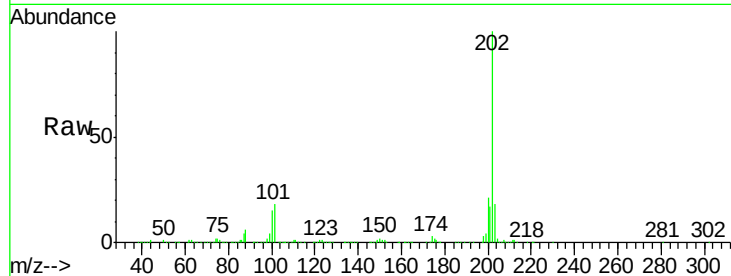
#19
Pvrene
Concen: 13.361 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BN000878.D
Acq: 25 Apr 2018 07:14

Instrument :
BNA_N
ClientSampleId :
DARS2

Tot Ion	Ratio	Resp	Lower	Upper
202	100	562772		
101	17.9		11.0	16.4#
100	14.9		8.1	12.1#

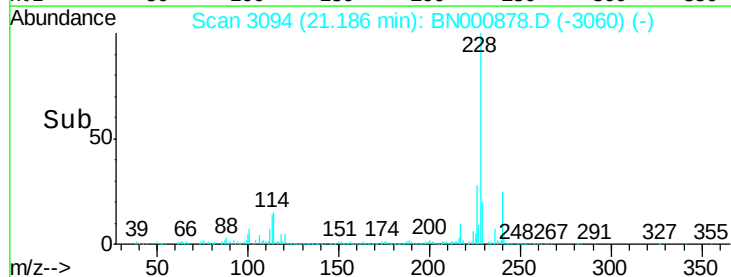
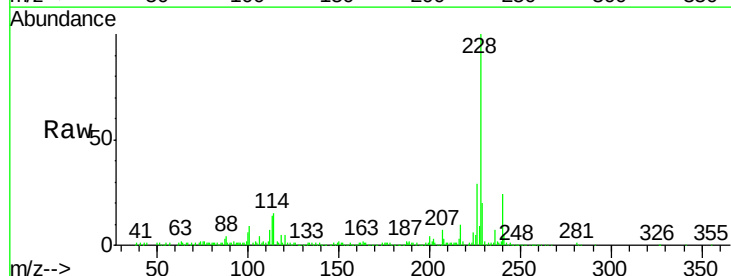
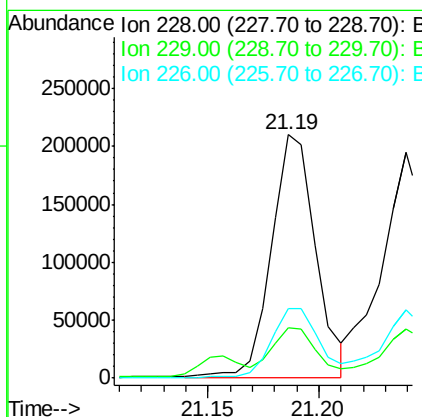
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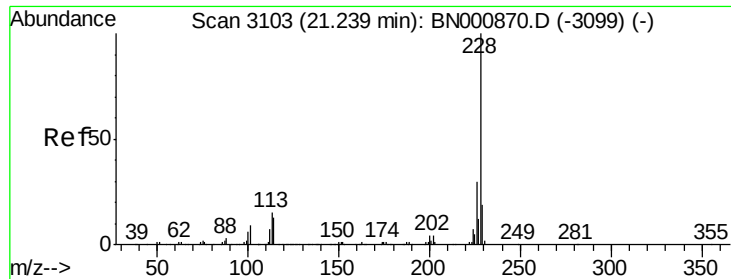
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#20
Benzo(a)anthracene
Concen: 7.391 ng/ul m
RT: 21.19 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BN000878.D
Acq: 25 Apr 2018 07:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	289716		
229	20.5		15.7	23.5
226	28.6		21.1	31.7





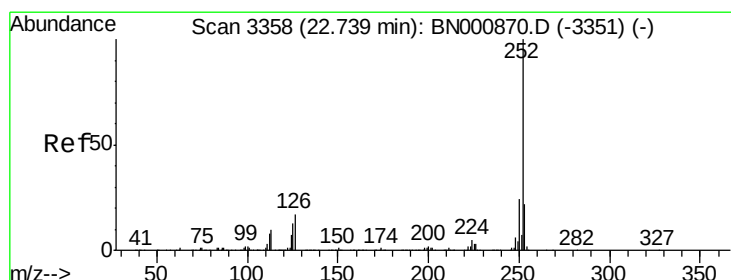
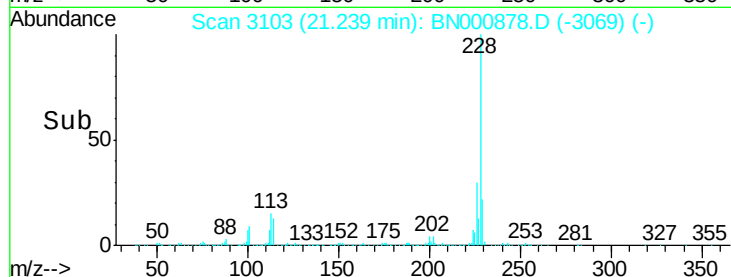
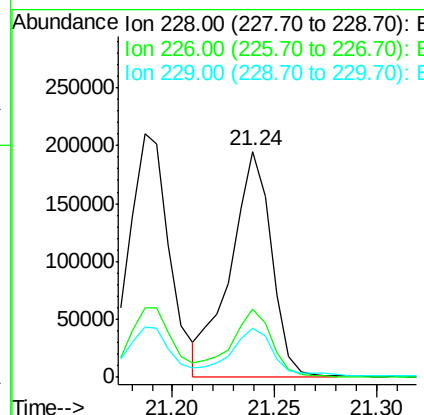
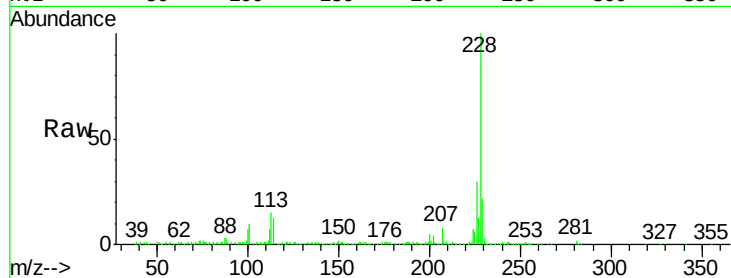
#21
Chrysene
Concen: 7.351 ng/ul m
RT: 21.24 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BN000878.D
Acq: 25 Apr 2018 07:14

Instrument :
BNA_N
ClientSampled :
DARS2

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.5	36.7
229	22.0	15.8	23.8

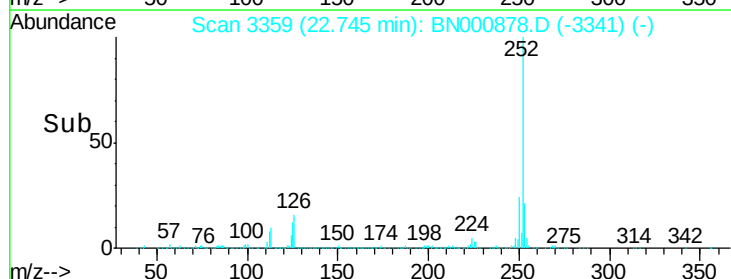
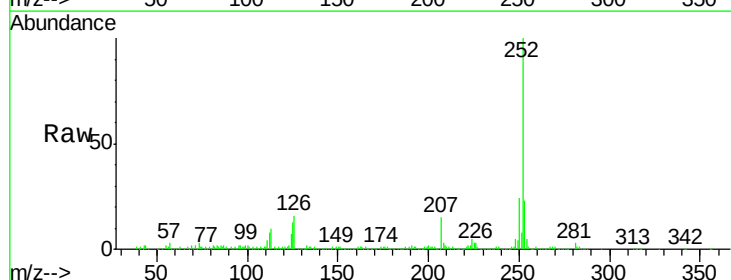
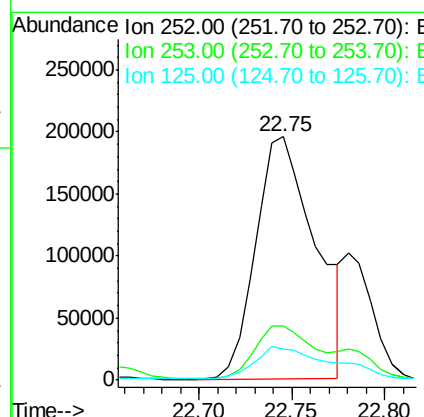
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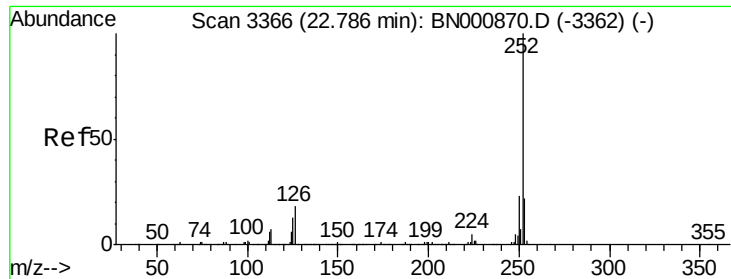
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#23
Benzo(b)fluoranthene
Concen: 11.354 ng/ul m
RT: 22.75 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BN000878.D
Acq: 25 Apr 2018 07:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	12.8	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 2.854 ng/ul m

RT: 22.78 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BN000878.D

Acq: 25 Apr 2018 07:14

Instrument :

BNA_N

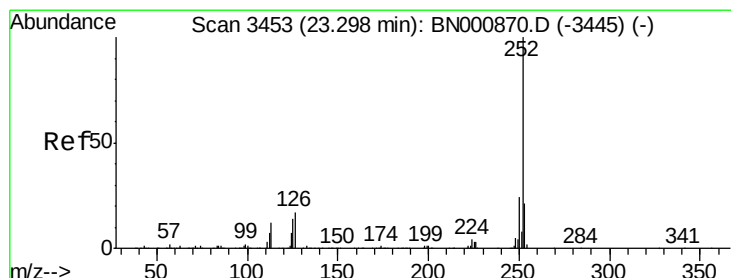
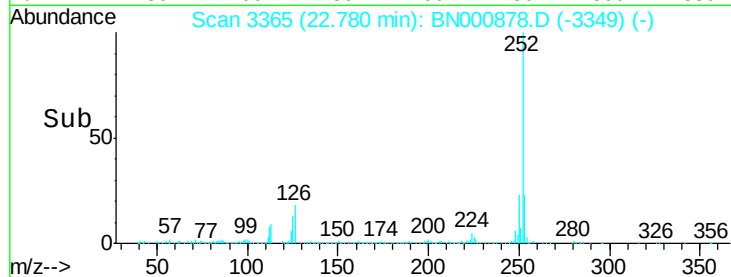
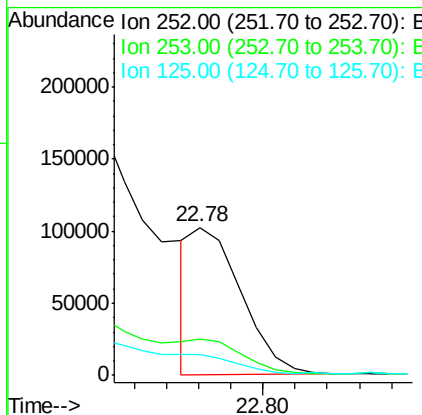
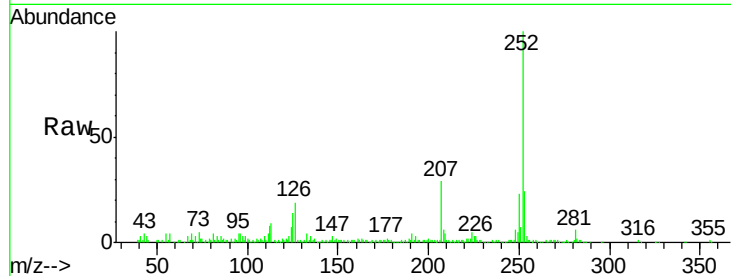
ClientSampled :

DARS2

Tot Ion:	252	Resp:	108393
Ion Ratio	Lower	Upper	
252	100		
253	24.4	18.0	27.0
125	13.8	8.1	12.1#

Manual Integrations
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#26

Benzo(a)pyrene

Concen: 7.658 ng/ul

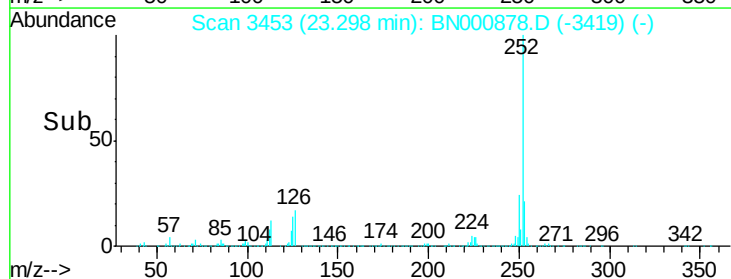
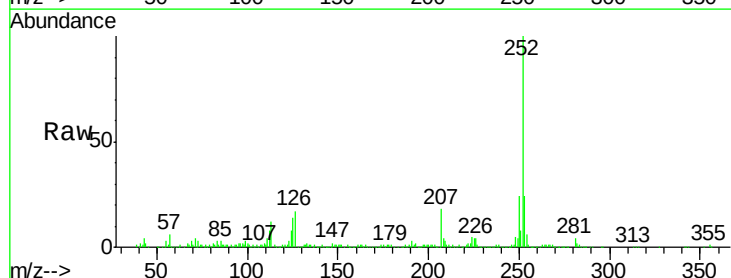
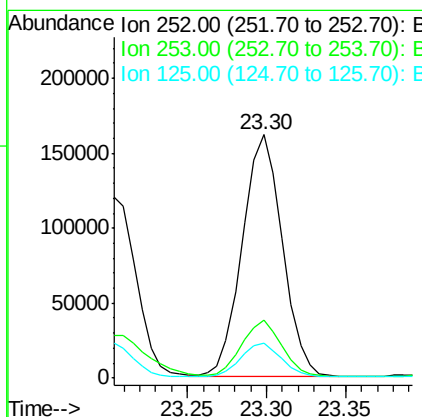
RT: 23.30 min Scan# 3453

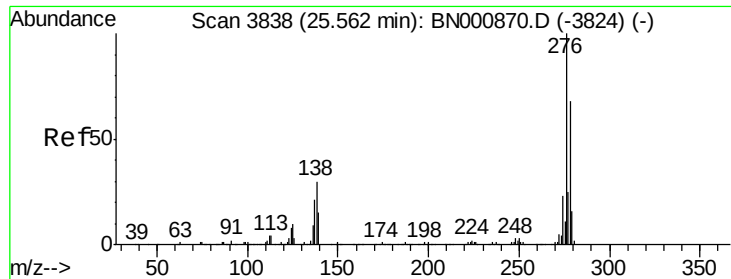
Delta R.T. 0.00 min

Lab File: BN000878.D

Acq: 25 Apr 2018 07:14

Tgt Ion:	252	Resp:	284020
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.2	25.8
125	14.3	8.2	12.4#





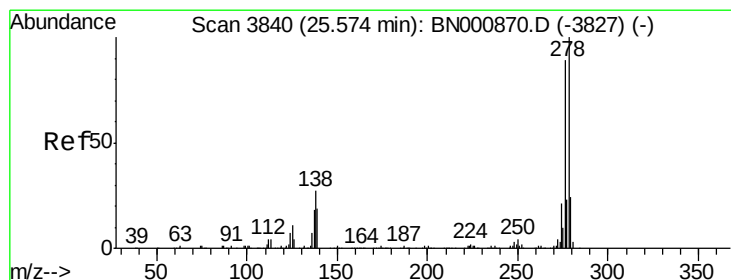
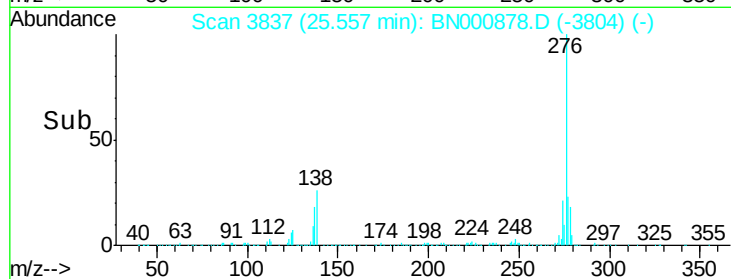
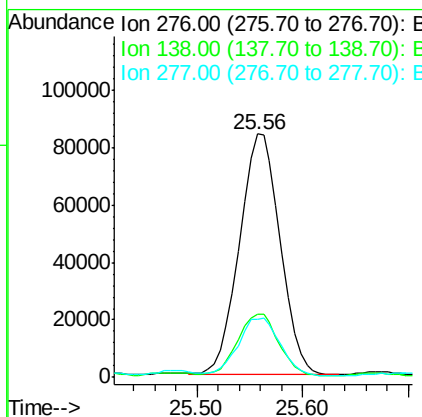
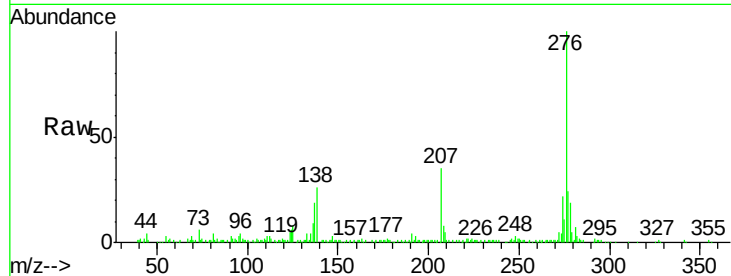
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 5.024 ng/ul
 RT: 25.56 min Scan# 3837
 Delta R.T. -0.01 min
 Lab File: BN000878.D
 Acq: 25 Apr 2018 07:14

Instrument :
 BNA_N
 ClientSampled :
 DARS2

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	14.4	21.6#
277	23.7	18.0	27.0

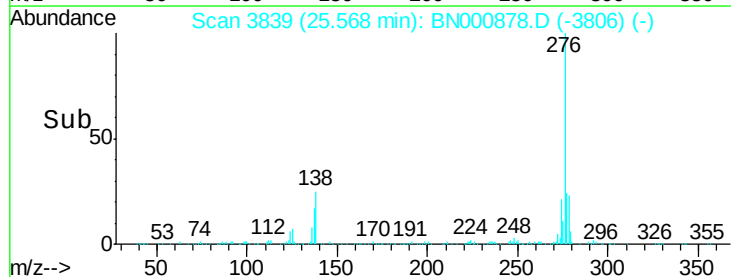
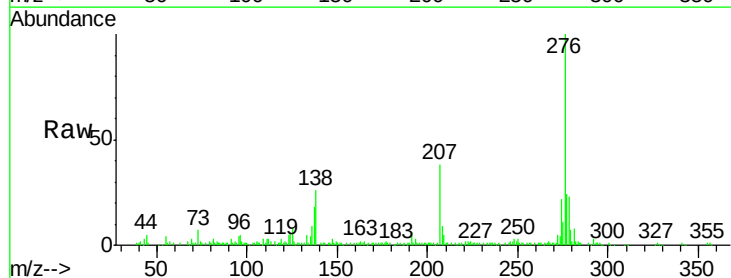
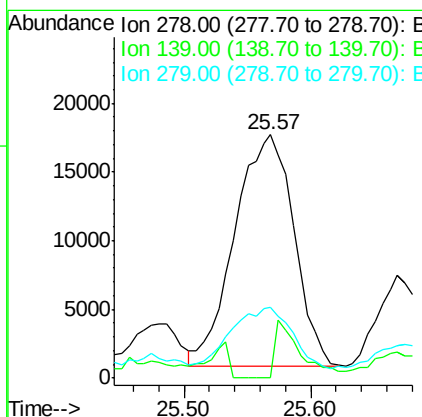
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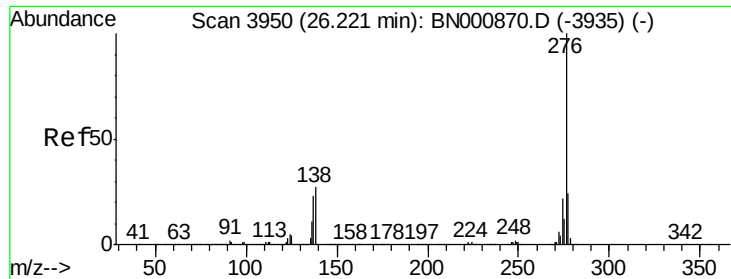
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#28
 Dibenzo(a,h)anthracene
 Concen: 1.462 ng/ul
 RT: 25.57 min Scan# 3839
 Delta R.T. -0.01 min
 Lab File: BN000878.D
 Acq: 25 Apr 2018 07:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	29.3	19.2	28.8#





#29

Benzo(a,h,i)perylene

Concen: 6.138 ng/ul

RT: 26.23 min Scan# 3951

Delta R.T. 0.01 min

Lab File: BN000878.D

Acq: 25 Apr 2018 07:14

Instrument :

BNA_N

ClientSampleId :

DARS2

Tot Ion:	276	Resp:	229981
Ion Ratio	Lower	Upper	
276	100		
138	26.0	15.3	22.9#
277	24.2	19.0	28.4

Manual Integrations
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