

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000913.D
 Acq On : 26 Apr 2018 03:55
 Operator : JU/SJ
 Sample : J2444-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DARS3

Manual Integrations
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 4/26/2018 6:23:17 PM

Quant Time: Apr 26 08:47:48 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	141542	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	586477	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	298879	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	605443	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	563236	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	599177	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	589969	20.55	ng/ul	0.00
10) Fluorene-d10	15.25	176	417903	21.81	ng/ul	0.00
14) Anthracene-d10	17.10	188	615633	22.24	ng/ul	0.00
18) Pyrene-d10	19.40	212	642424	22.26	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	671342	23.72	ng/ul	0.01
Target Compounds				Ovalue		
8) Acenaphthylene	13.97	152	30395	1.070	ng/ul	98
13) Phenanthrene	17.05	178	226408	6.856	ng/ul	99
15) Anthracene	17.13	178	67536	2.039	ng/ul	98
16) Fluoranthene	19.07	202	459167	13.705	ng/ul#	94
19) Pyrene	19.43	202	420042	11.611	ng/ul#	91
20) Benzo(a)anthracene	21.19	228	262919m	7.809	ng/ul	
21) Chrysene	21.24	228	254394m	8.039	ng/ul	
23) Benzo(b)fluoranthene	22.75	252	363160m	10.665	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	116586m	3.499	ng/ul	
26) Benzo(a)pyrene	23.31	252	241387	7.418	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.59	276	168748	4.293	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.59	278	48397	1.477	ng/ul#	69
29) Benzo(a,h,i)perylene	26.26	276	181105	5.509	ng/ul#	89

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

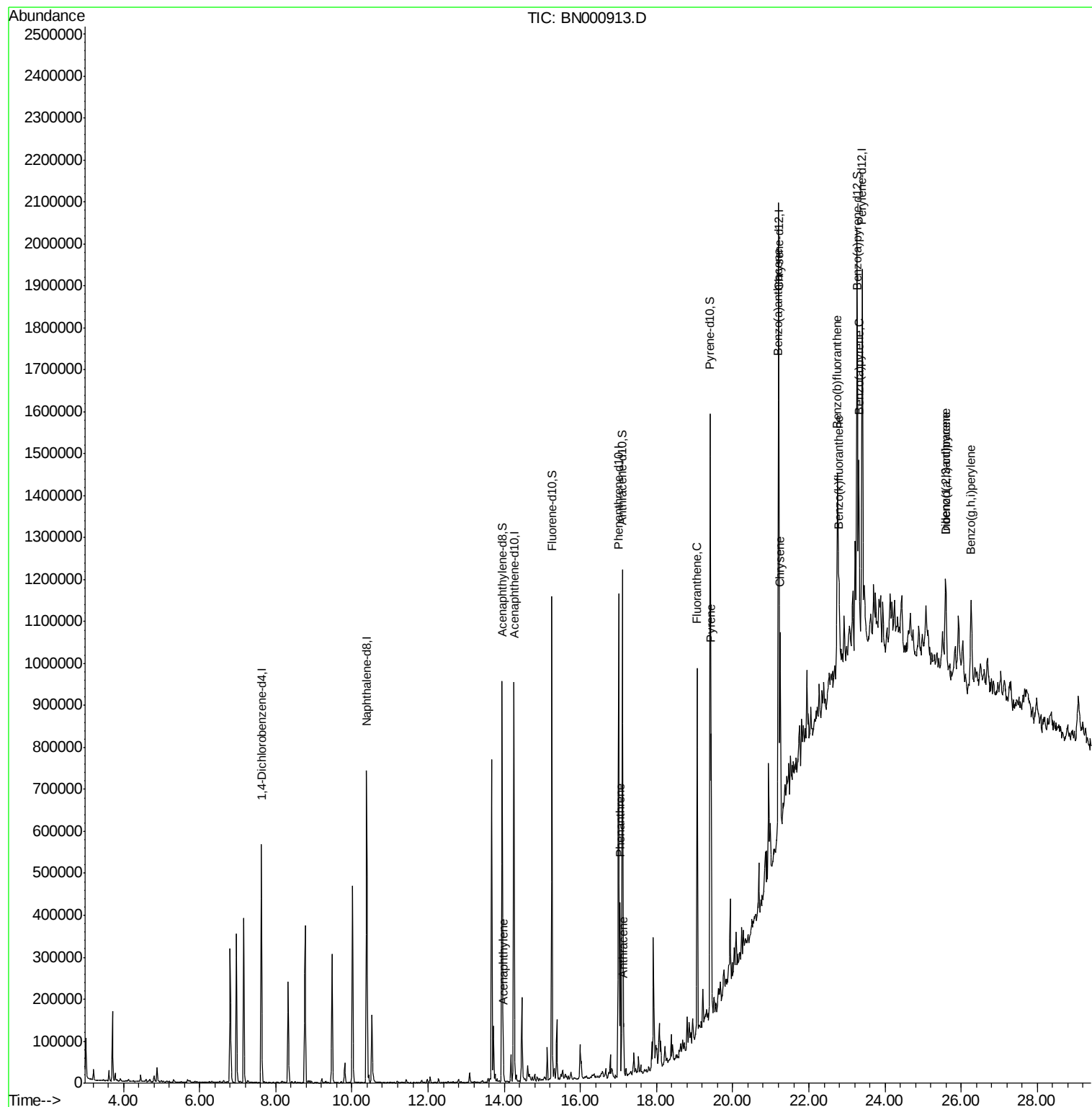
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000913.D
Acq On : 26 Apr 2018 03:55
Operator : JU/SJ
Sample : J2444-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

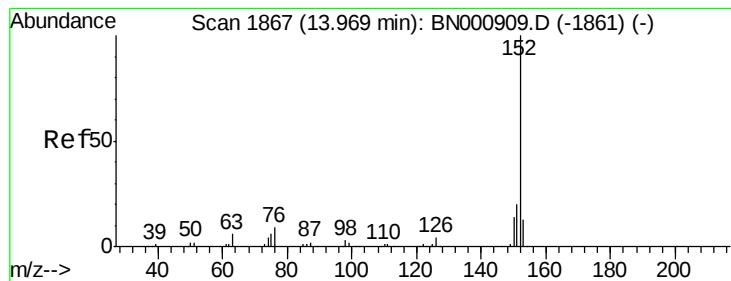
Instrument :
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DARS3

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Quant Time: Apr 26 08:47:48 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration





#8

Acenaphthylene

Concen: 1.070 ng/ul

RT: 13.97 min Scan# 1868

Delta R.T. 0.01 min

Lab File: BN000913.D

Acq: 26 Apr 2018 03:55

Instrument :

BNA_N

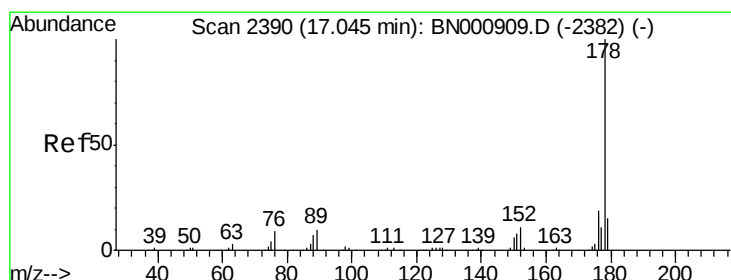
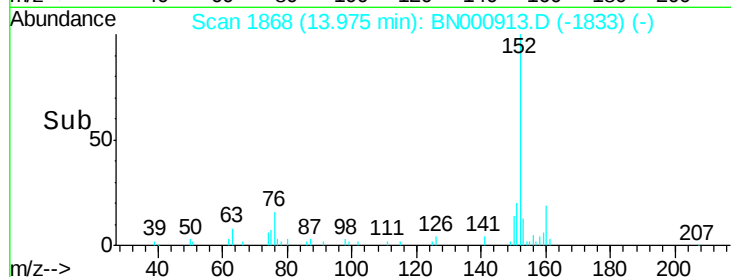
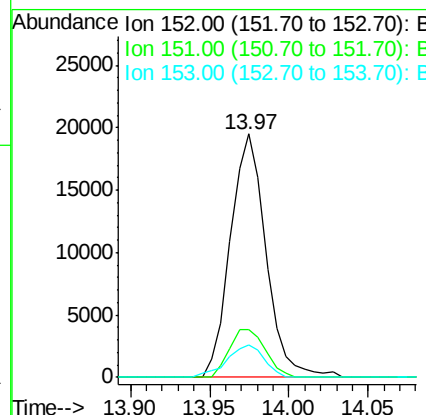
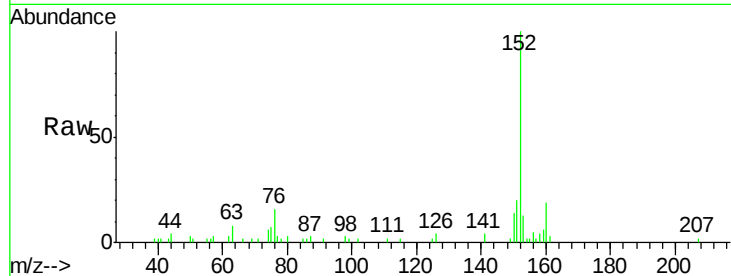
ClientSampled :

DARS3

Tot Ion:	152	Resp:	30395
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.7	25.1
153	13.2	10.2	15.4

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#13

Phenanthrene

Concen: 6.856 ng/ul

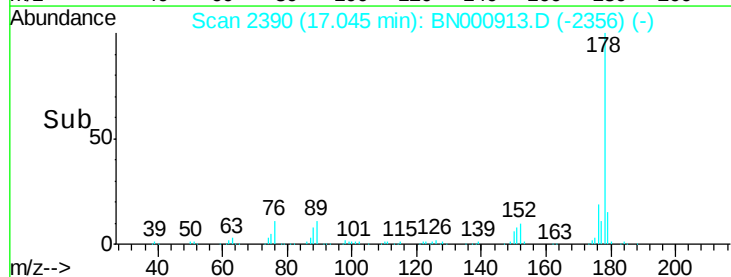
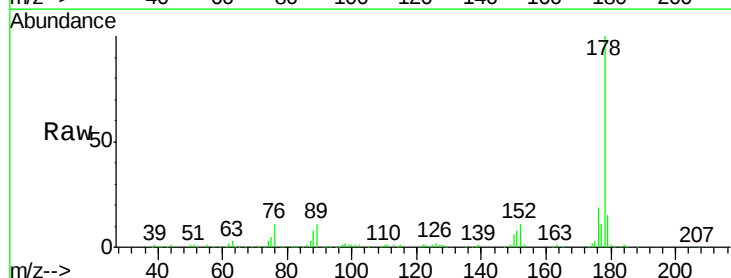
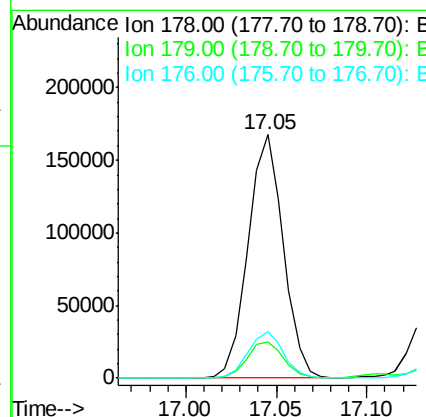
RT: 17.05 min Scan# 2390

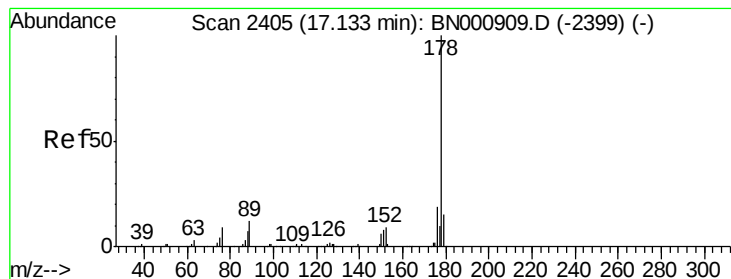
Delta R.T. -0.00 min

Lab File: BN000913.D

Acq: 26 Apr 2018 03:55

Tgt Ion:	178	Resp:	226408
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.3	18.5
176	19.1	15.1	22.7





#15

Anthracene

Concen: 2.039 ng/ul

RT: 17.13 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BN000913.D

Acq: 26 Apr 2018 03:55

Instrument :

BNA_N

ClientSampled :

DARS3

Tot Ion:178 Resp: 67536

Ion Ratio Lower Upper

178 100

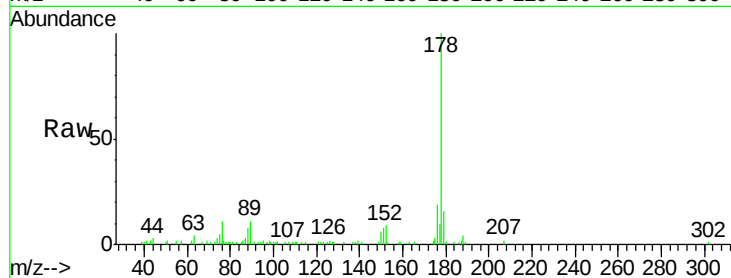
179 16.0 11.8 17.8

176 18.7 15.2 22.8

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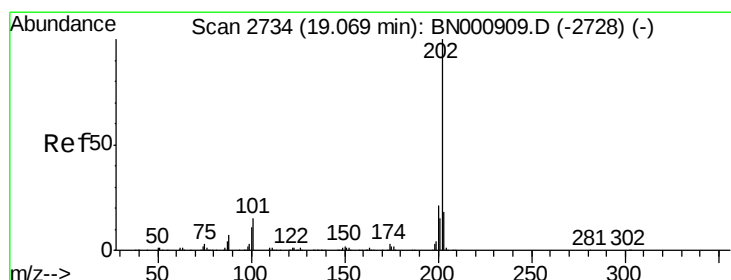
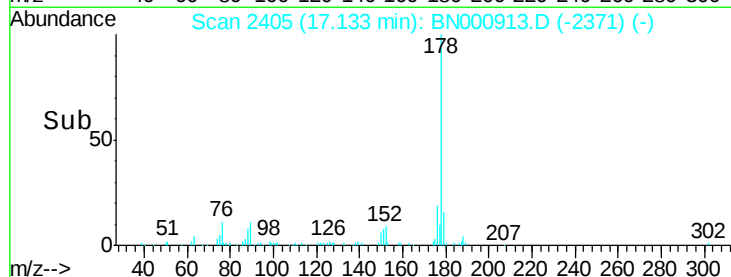
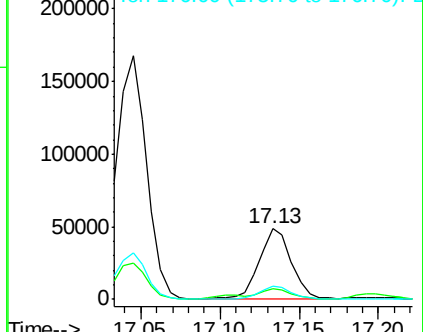
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#16

Fluoranthene

Concen: 13.705 ng/ul

RT: 19.07 min Scan# 2734

Delta R.T. -0.00 min

Lab File: BN000913.D

Acq: 26 Apr 2018 03:55

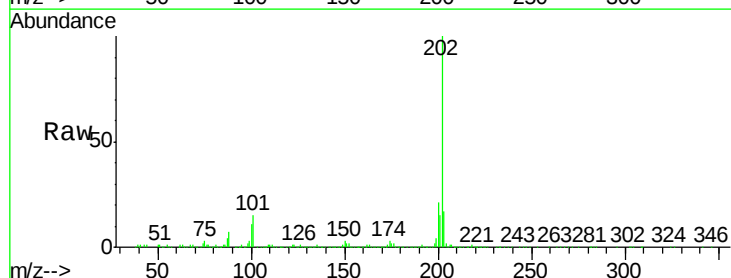
Tgt Ion:202 Resp: 459167

Ion Ratio Lower Upper

202 100

101 14.8 9.9 14.9

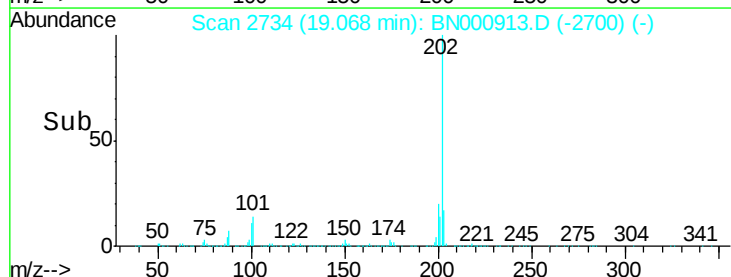
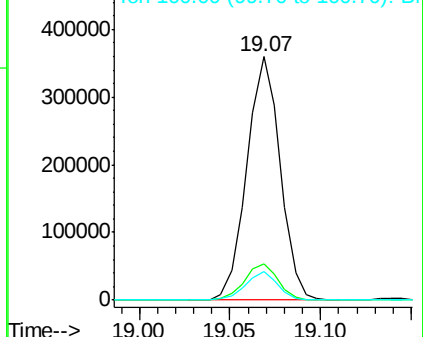
100 11.5 7.4 11.0#

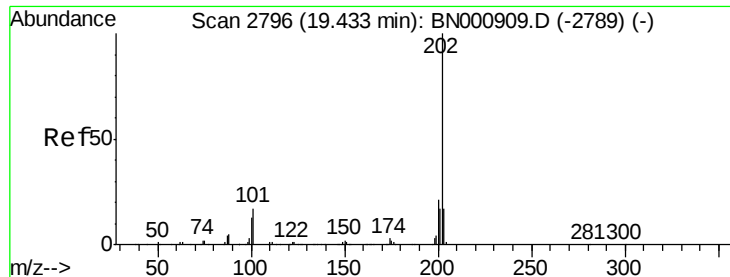


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





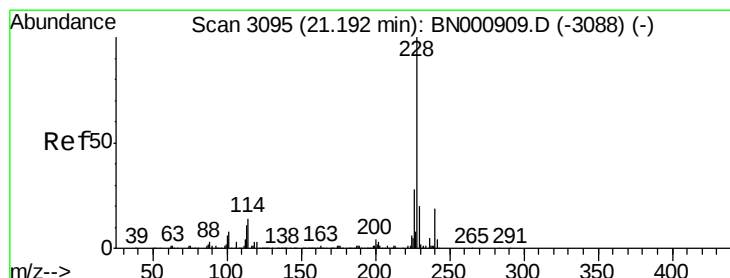
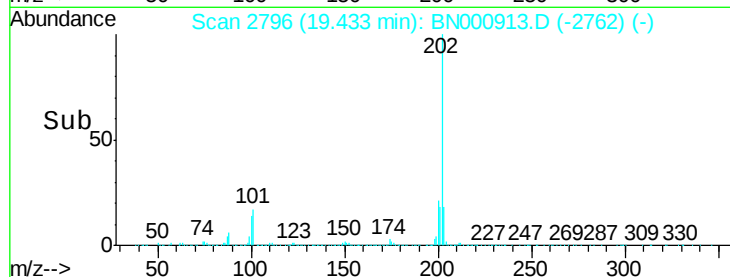
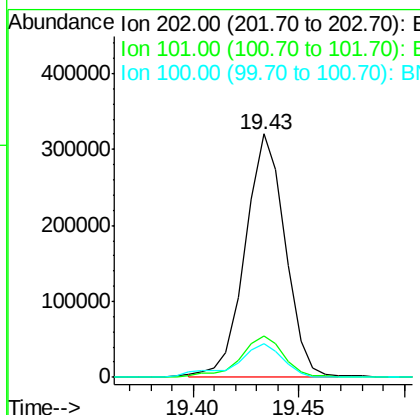
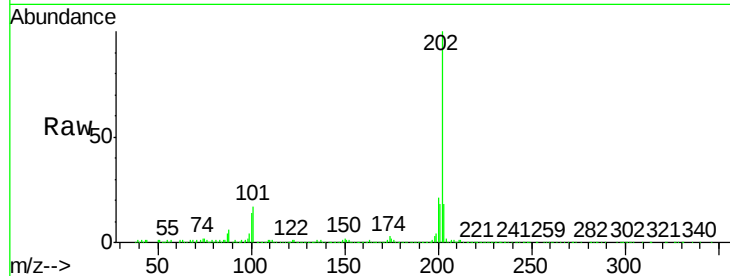
#19
Pvrene
Concen: 11.611 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BN000913.D
Acq: 26 Apr 2018 03:55

Instrument :
BNA_N
ClientSampleId :
DARS3

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.9	11.0	16.4#
100	13.8	8.1	12.1#

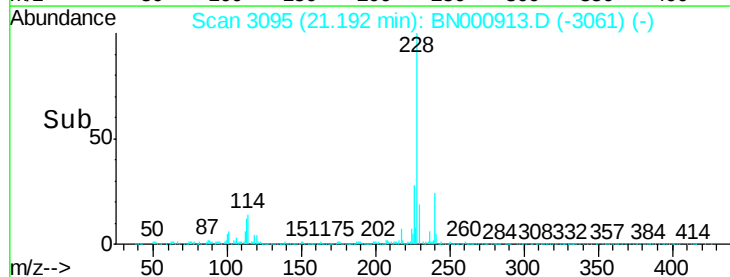
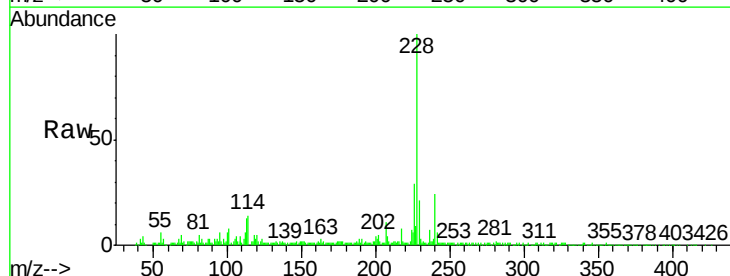
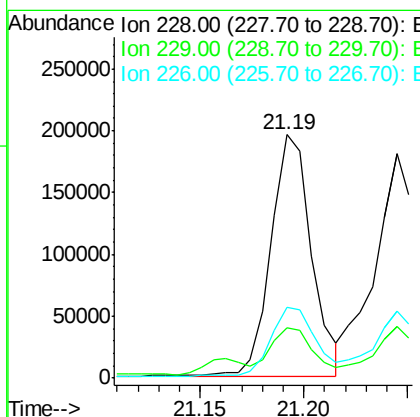
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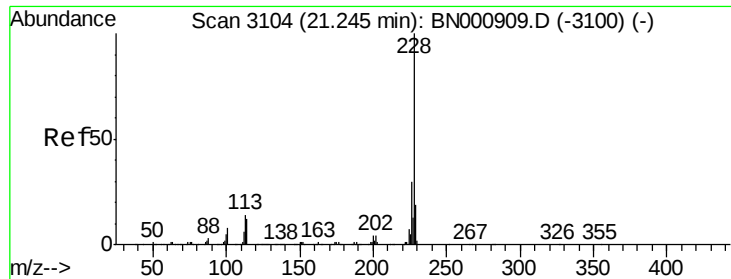
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#20
Benzo(a)anthracene
Concen: 7.809 ng/ul m
RT: 21.19 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BN000913.D
Acq: 26 Apr 2018 03:55

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.7	23.5
226	29.1	21.1	31.7





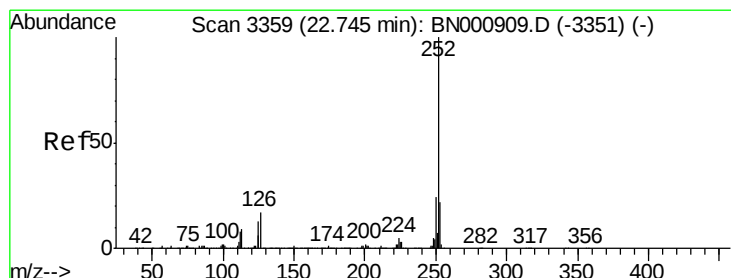
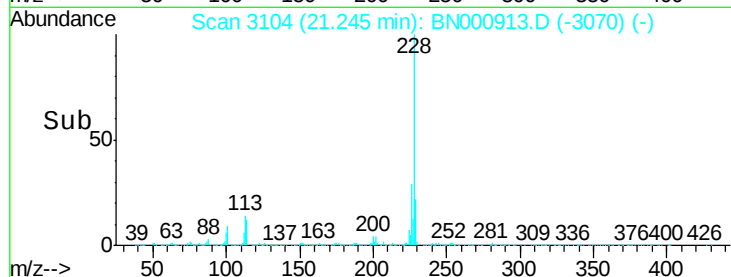
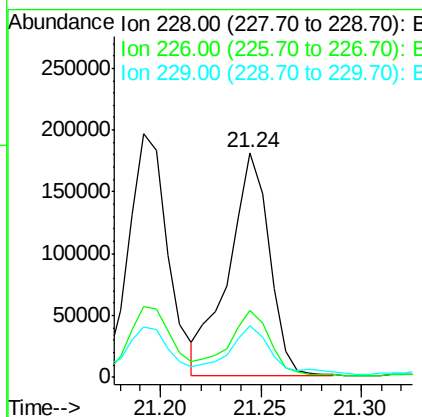
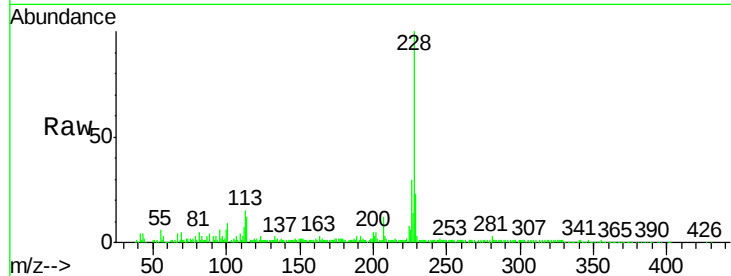
#21
Chrysene
Concen: 8.039 ng/ul m
RT: 21.24 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BN000913.D
Acq: 26 Apr 2018 03:55

Instrument :
BNA_N
ClientSampled :
DARS3

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.5	36.7
229	23.1	15.8	23.8

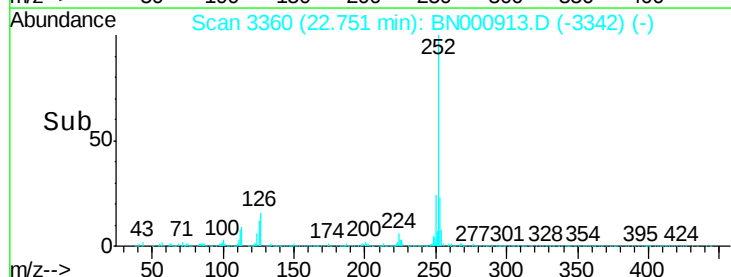
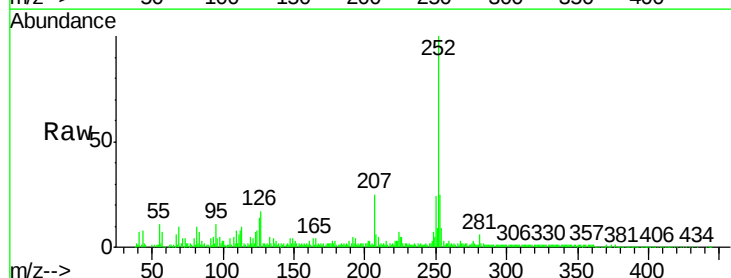
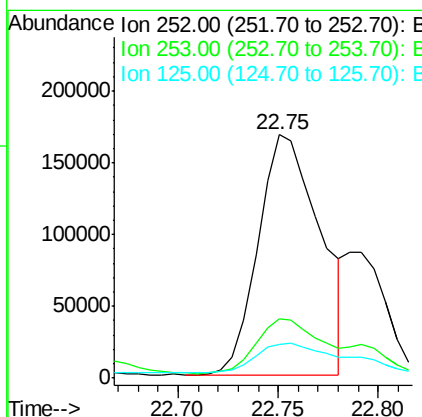
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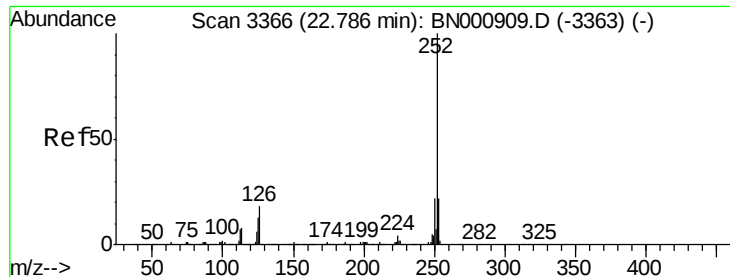
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#23
Benzo(b)fluoranthene
Concen: 10.665 ng/ul m
RT: 22.75 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BN000913.D
Acq: 26 Apr 2018 03:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.0	27.0
125	13.9	8.0	12.0





#24

Benzo(k)fluoranthene

Concen: 3.499 ng/ul

RT: 22.79 min Scan# 3367

Delta R.T. 0.01 min

Lab File: BN000913.D

Acq: 26 Apr 2018 03:55

Instrument :

BNA_N

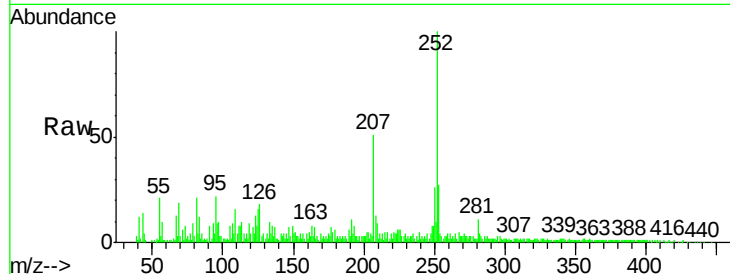
ClientSampled :

DARS3

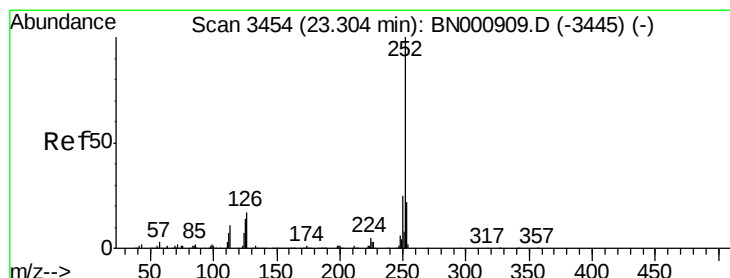
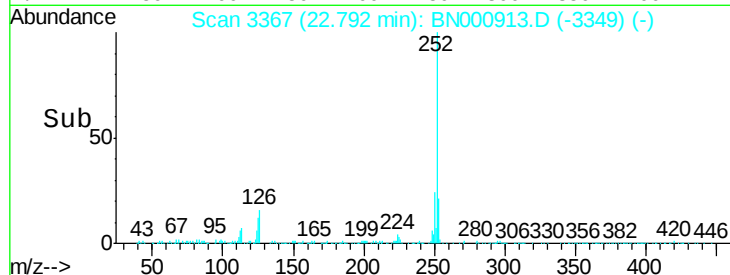
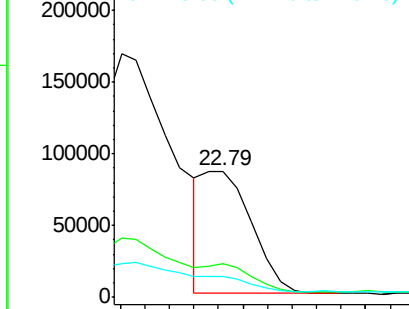
Tot Ion:	252	Resp:	116586
Ion Ratio	Lower	Upper	
252	100		
253	26.8	18.0	27.0
125	16.1	8.1	12.1#

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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: 7.418 ng/ul

RT: 23.31 min Scan# 3455

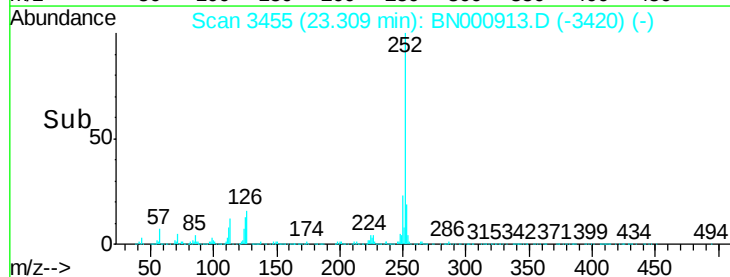
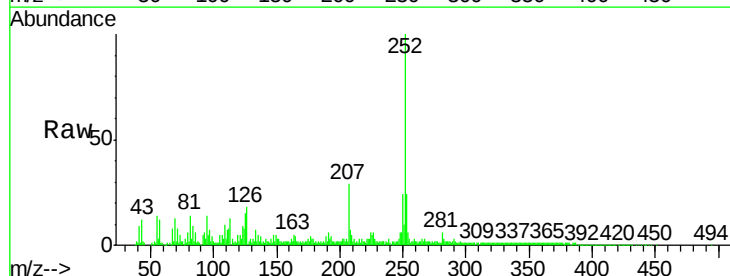
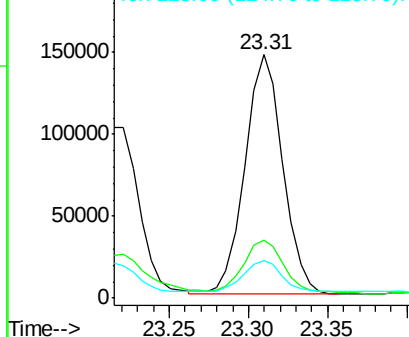
Delta R.T. 0.01 min

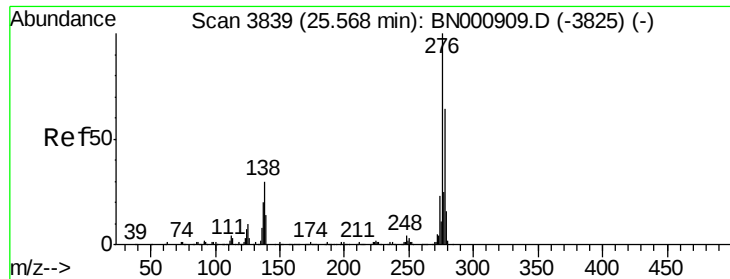
Lab File: BN000913.D

Acq: 26 Apr 2018 03:55

Tgt Ion:	252	Resp:	241387
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.2	25.8
125	15.2	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





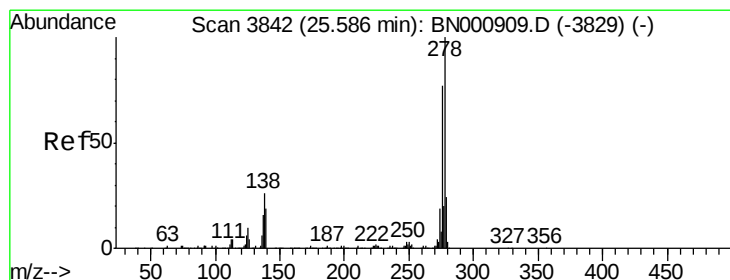
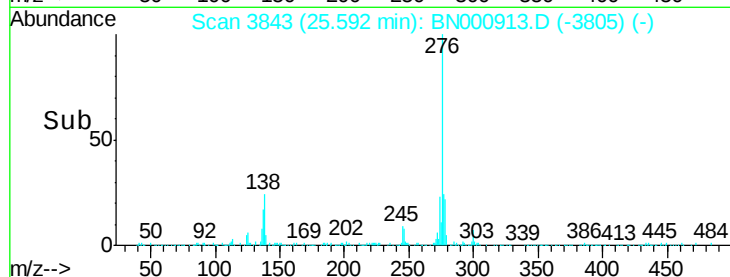
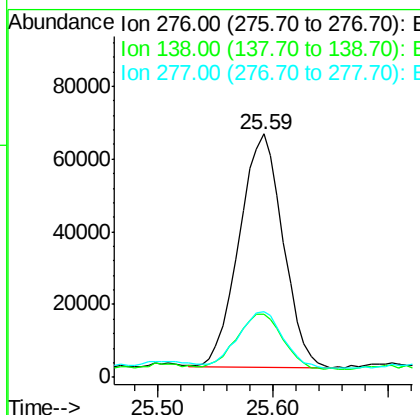
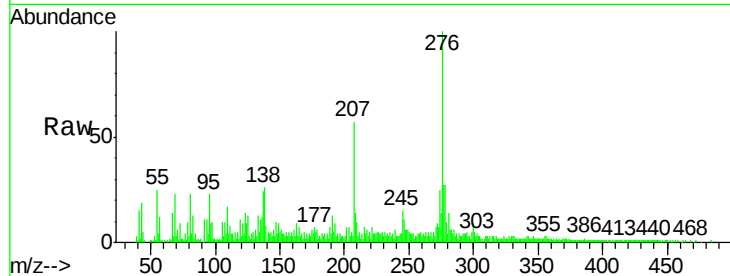
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 4.293 ng/ul
 RT: 25.59 min Scan# 3843
 Delta R.T. 0.02 min
 Lab File: BN000913.D
 Acq: 26 Apr 2018 03:55

Instrument :
 BNA_N
 ClientSampled :
 DARS3

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	14.4	21.6#
277	27.2	18.0	27.0#

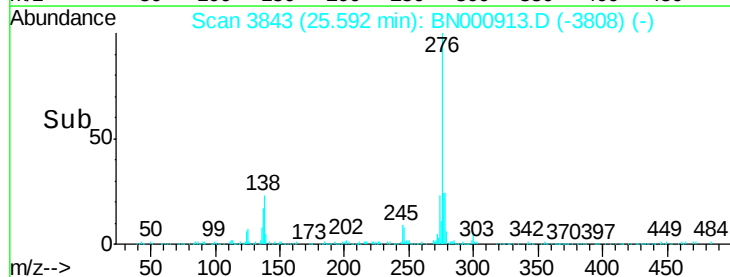
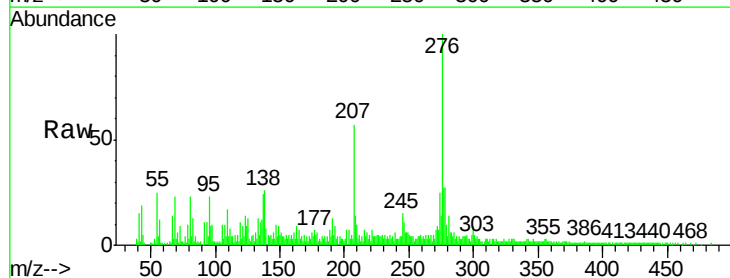
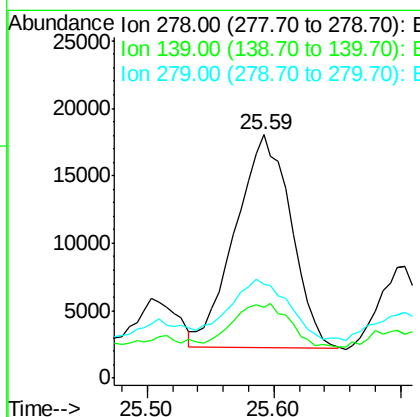
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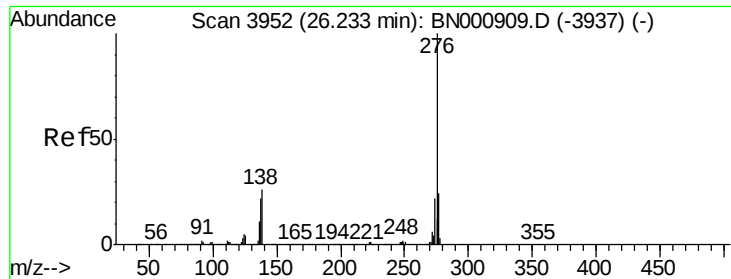
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#28
 Dibenzo(a,h)anthracene
 Concen: 1.477 ng/ul
 RT: 25.59 min Scan# 3843
 Delta R.T. 0.01 min
 Lab File: BN000913.D
 Acq: 26 Apr 2018 03:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.1	12.2	18.4#
279	38.4	19.2	28.8#





#29

Benzo(a,h,i)perylene

Concen: 5.509 ng/ul

RT: 26.26 min Scan# 3957

Delta R.T. 0.03 min

Lab File: BN000913.D

Acq: 26 Apr 2018 03:55

Instrument :

BNA_N

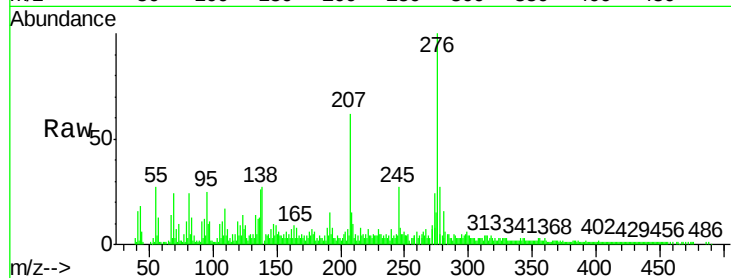
ClientSampleId :

DARS3

Tot Ion:	276	Resp:	181105
Ion Ratio		Lower	Upper
276	100		
138	27.3	15.3	22.9#
277	26.6	19.0	28.4

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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

