

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
 Data File : BN000883.D
 Acq On : 25 Apr 2018 10:07
 Operator : JU/SJ
 Sample : J2444-12
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DART1

Manual Integrations
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Sohil
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Quant Time: Apr 25 11:22:00 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	173903	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	736161	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	363309	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	704565	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	638715	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	687779	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	1025677	29.40	ng/ul	0.00
10) Fluorene-d10	15.25	176	698348	29.99	ng/ul	0.00
14) Anthracene-d10	17.10	188	980309	30.43	ng/ul	0.00
18) Pyrene-d10	19.40	212	988832	30.21	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	1066764	32.83	ng/ul	0.01
Target Compounds				Ovalue		
3) Naphthalene	10.43	128	43556	1.174	ng/ul	98
4) 2-Methylnaphthalene	12.05	142	24987	1.009	ng/ul	100
13) Phenanthrene	17.04	178	188498	4.905	ng/ul	99
15) Anthracene	17.13	178	54856	1.423	ng/ul	99
16) Fluoranthene	19.07	202	605797	15.538	ng/ul	95
19) Pyrene	19.43	202	558423	13.612	ng/ul#	90
20) Benzo(a)anthracene	21.19	228	535583	14.028	ng/ul	96
21) Chrysene	21.24	228	577940	16.105	ng/ul	99
23) Benzo(b)fluoranthene	22.75	252	1187559m	30.383	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	304416m	7.959	ng/ul	
26) Benzo(a)pyrene	23.31	252	711832	19.056	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	25.57	276	640722	14.201	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.57	278	181946	4.839	ng/ul#	83
29) Benzo(a,h,i)perylene	26.24	276	602586	15.969	ng/ul#	93

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

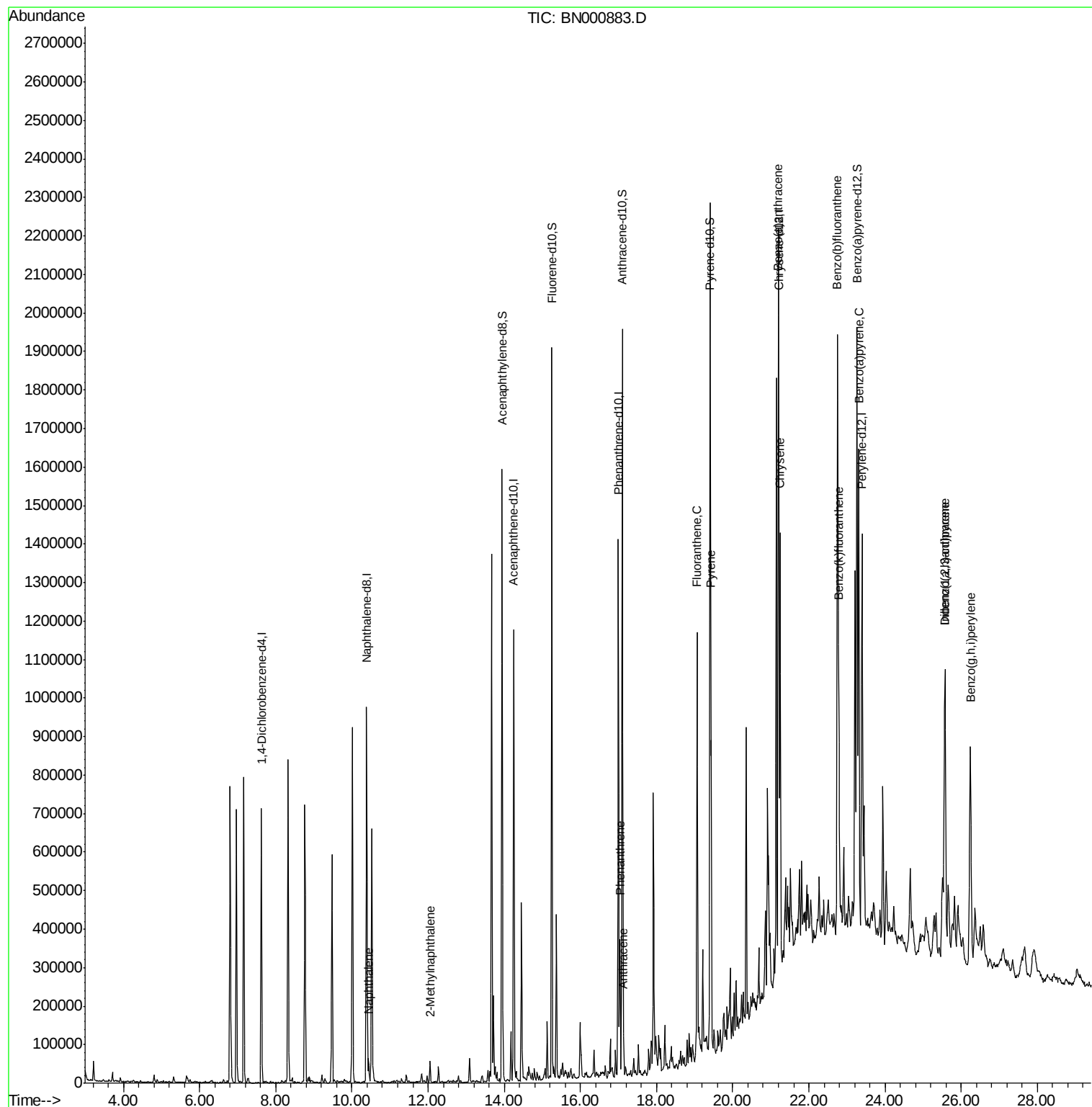
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000883.D
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Sample : J2444-12
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ALS Vial : 42 Sample Multiplier: 1

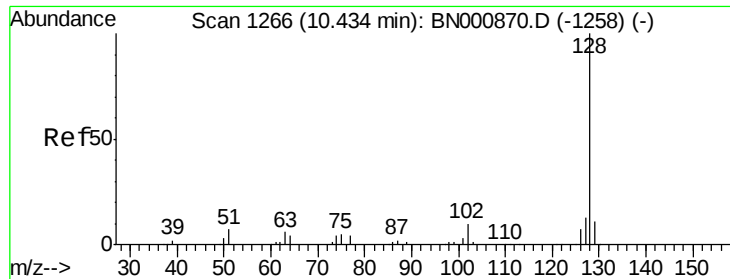
Instrument :
BNA_N
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DART1

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Quant Time: Apr 25 11:22:00 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: 1.174 ng/ul

RT: 10.43 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BN000883.D

Acq: 25 Apr 2018 10:07

Instrument :

BNA_N

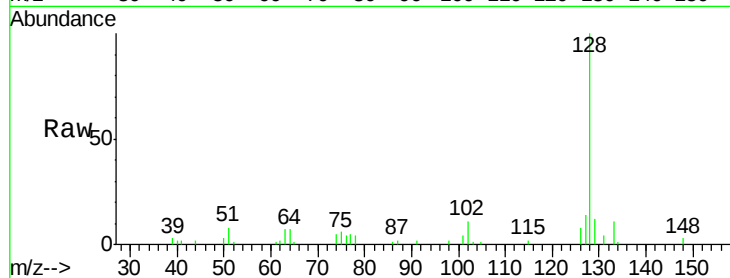
ClientSampled :

DART1

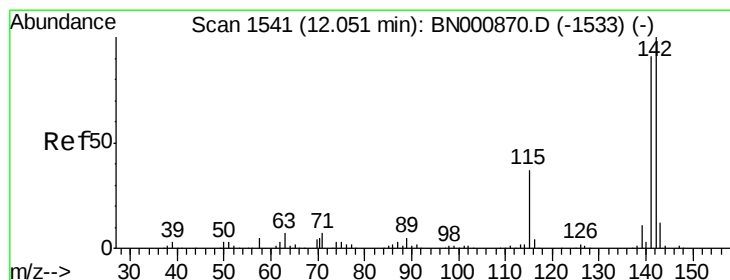
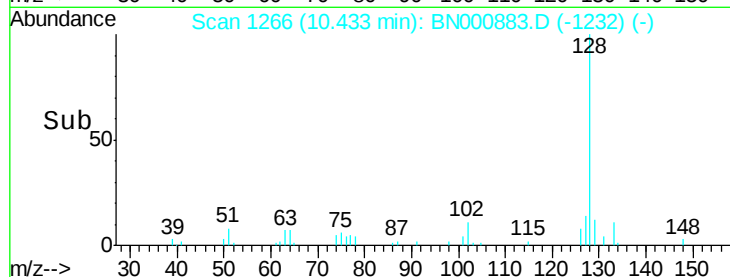
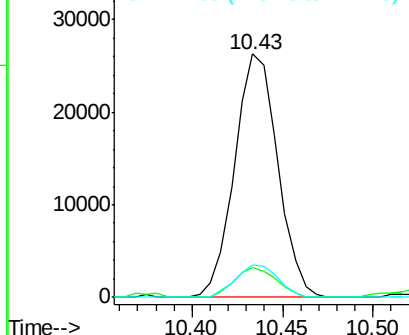
Tot Ion:	128	Resp:	43556
Ion Ratio	Lower	Upper	
128	100		
129	12.0	8.7	13.1
127	13.6	10.6	16.0

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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: 1.009 ng/ul

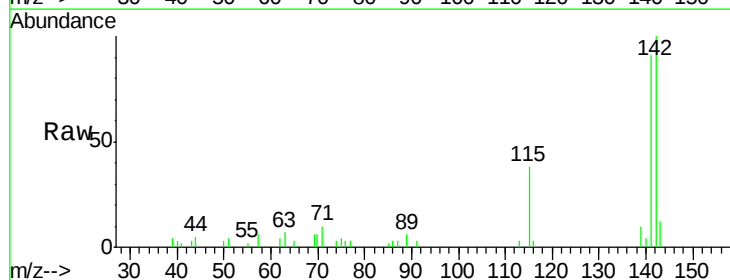
RT: 12.05 min Scan# 1541

Delta R.T. -0.00 min

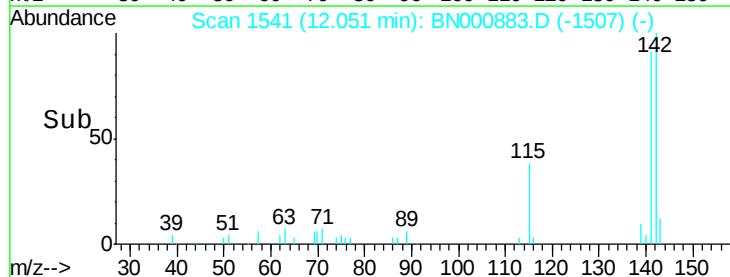
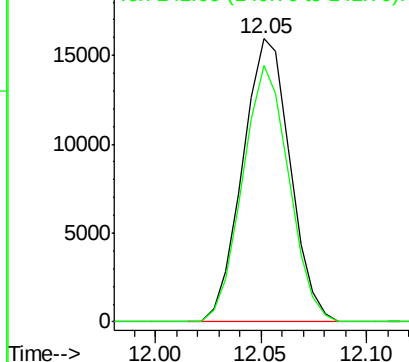
Lab File: BN000883.D

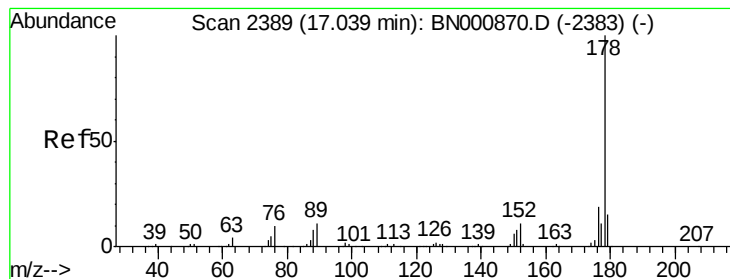
Acq: 25 Apr 2018 10:07

Tgt Ion:	142	Resp:	24987
Ion Ratio	Lower	Upper	
142	100		
141	90.6	72.7	109.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#13

Phenanthrene

Concen: 4.905 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BN000883.D

Acq: 25 Apr 2018 10:07

Instrument :

BNA_N

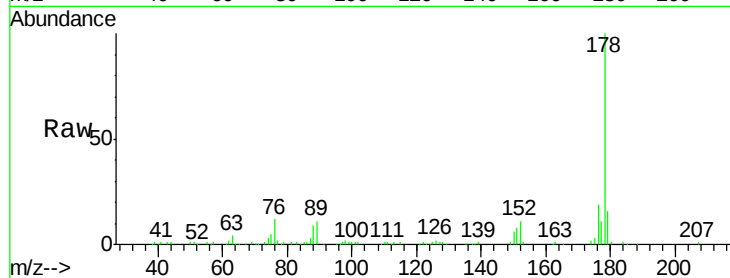
ClientSampled :

DART1

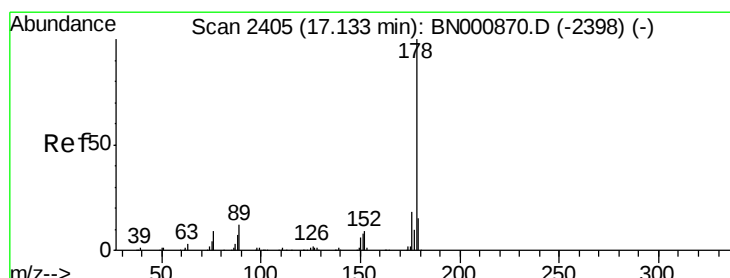
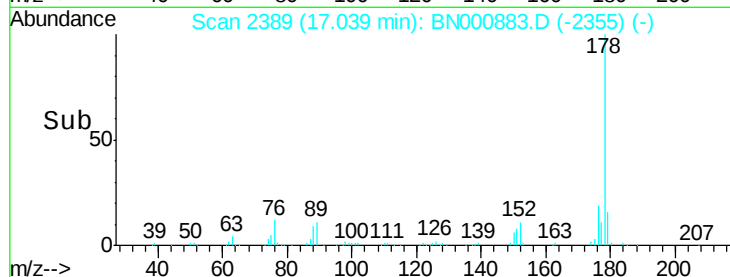
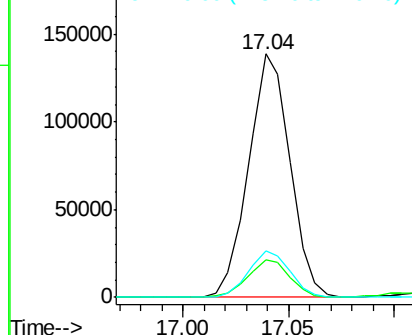
Tot Ion:	178	Resp:	188498
Ion Ratio		Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.3	15.1	22.7

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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



#15

Anthracene

Concen: 1.423 ng/ul

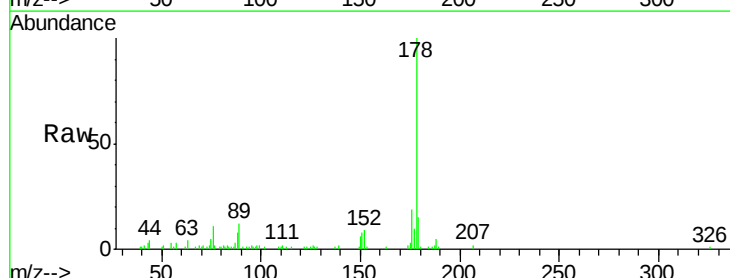
RT: 17.13 min Scan# 2405

Delta R.T. -0.00 min

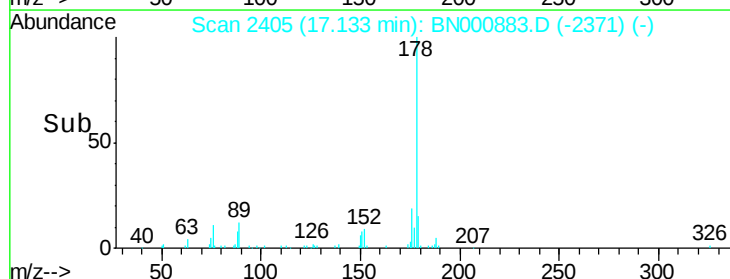
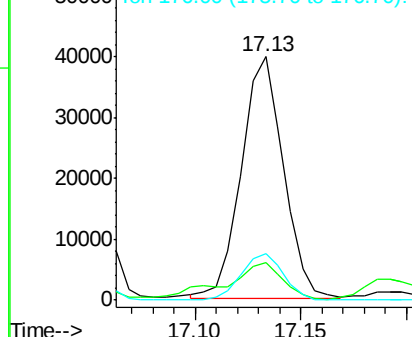
Lab File: BN000883.D

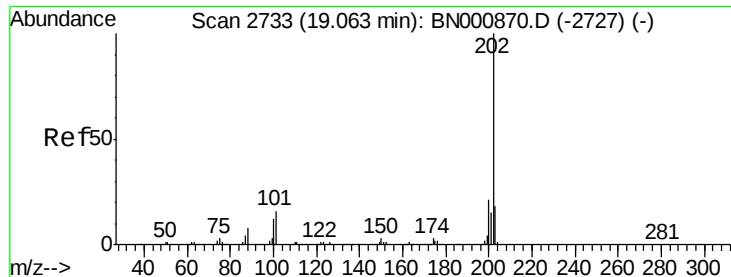
Acq: 25 Apr 2018 10:07

Tgt Ion:	178	Resp:	54856
Ion Ratio		Lower	Upper
178	100		
179	15.5	11.8	17.8
176	19.0	15.2	22.8



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: 15.538 ng/ul

RT: 19.07 min Scan# 2734

Delta R.T. 0.01 min

Lab File: BN000883.D

Acq: 25 Apr 2018 10:07

Instrument :

BNA_N

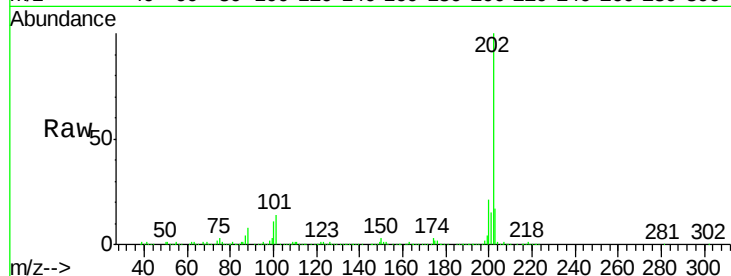
ClientSampleId :

DART1

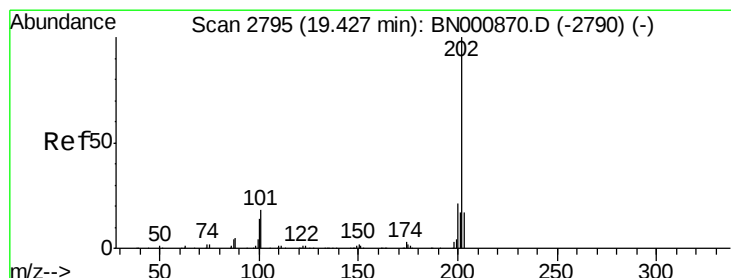
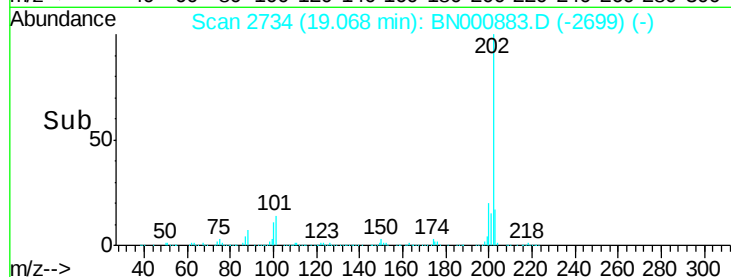
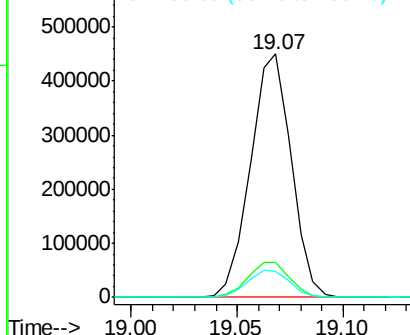
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		605797		
101	14.4	9.9	14.9		
100	10.8	7.4	11.0		

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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: 13.612 ng/ul

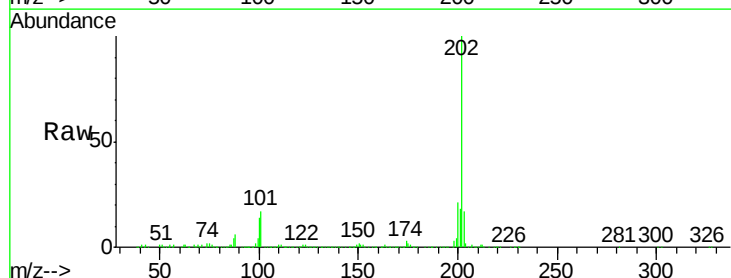
RT: 19.43 min Scan# 2796

Delta R.T. 0.01 min

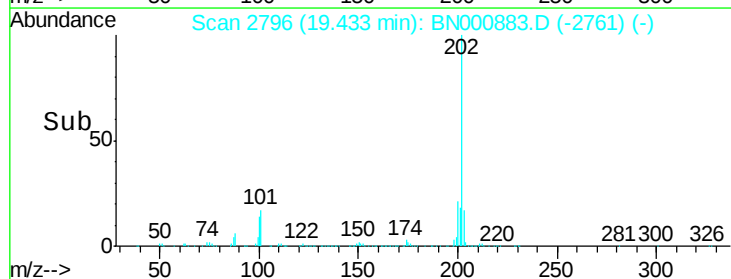
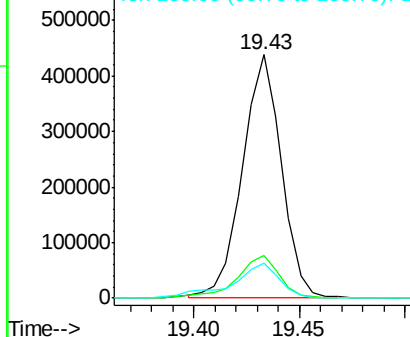
Lab File: BN000883.D

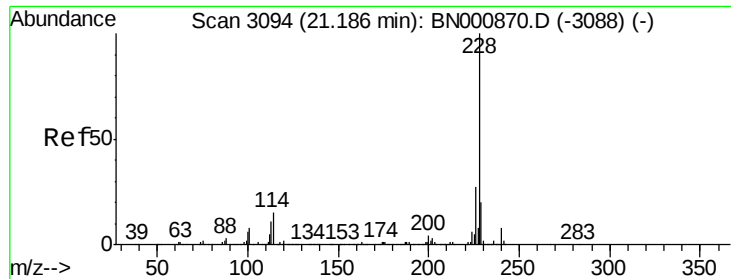
Acq: 25 Apr 2018 10:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		558423		
101	17.4	11.0	16.4#		
100	14.4	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





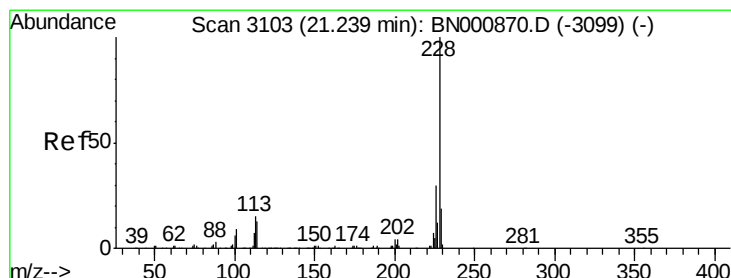
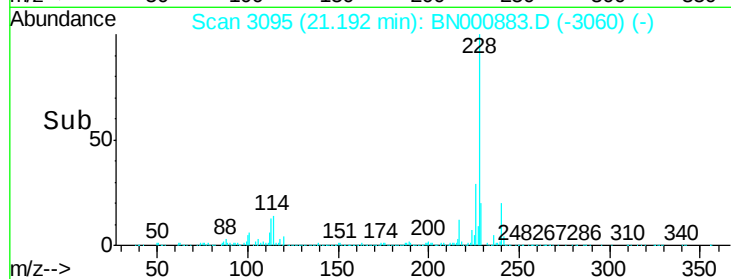
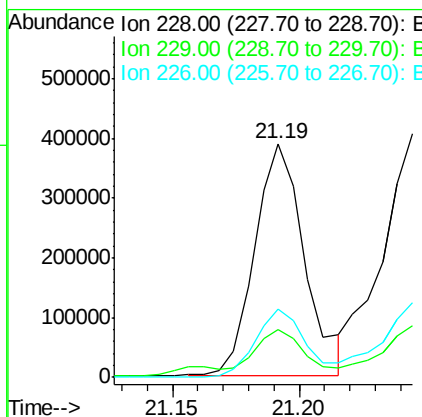
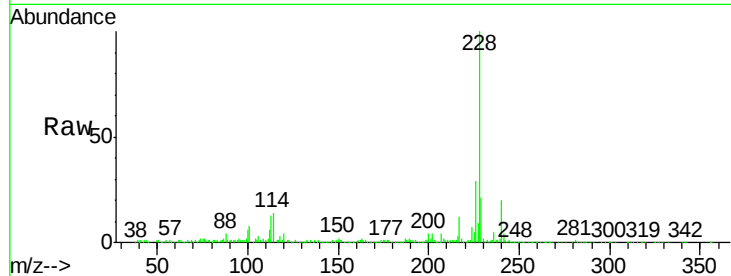
#20
Benzo(a)anthracene
Concen: 14.028 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BN000883.D
Acq: 25 Apr 2018 10:07

Instrument :
BNA_N
ClientSampled :
DART1

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	29.0	21.1	31.7

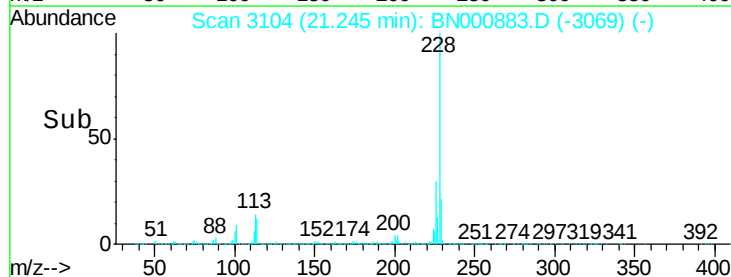
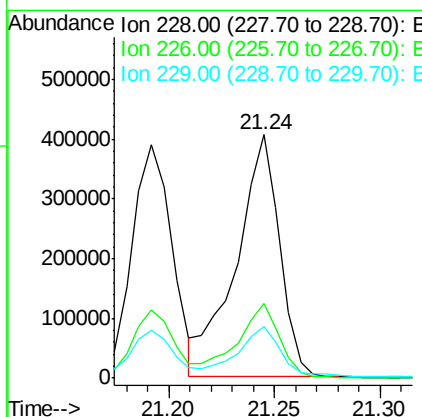
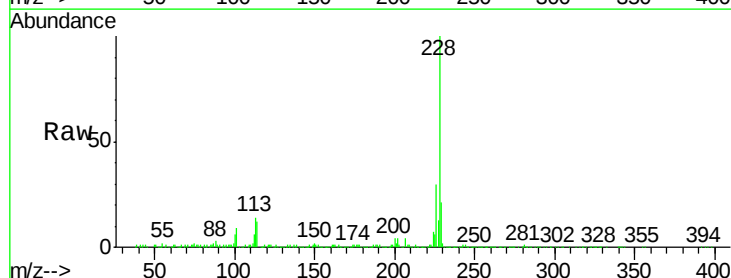
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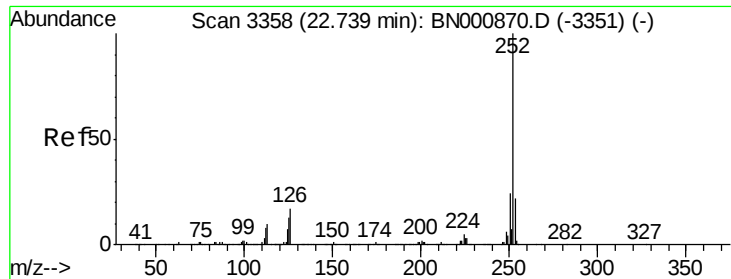
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#21
Chrysene
Concen: 16.105 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. 0.01 min
Lab File: BN000883.D
Acq: 25 Apr 2018 10:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.5	36.7
229	21.4	15.8	23.8





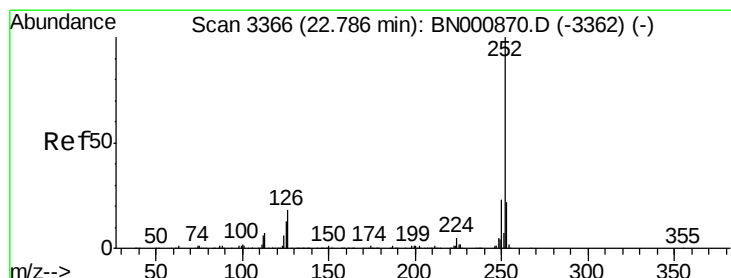
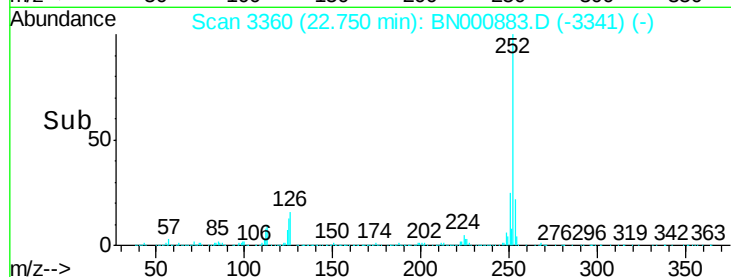
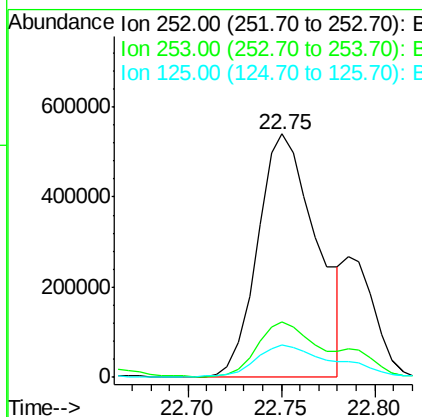
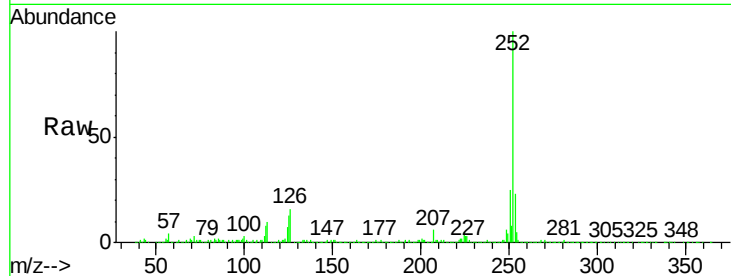
#23
Benzo(b)fluoranthene
Concen: 30.383 ng/ul m
RT: 22.75 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BN000883.D
Acq: 25 Apr 2018 10:07

Instrument :
BNA_N
ClientSampleId :
DART1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	13.4	8.0	12.0

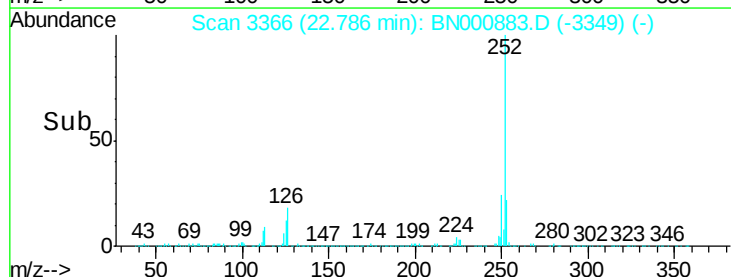
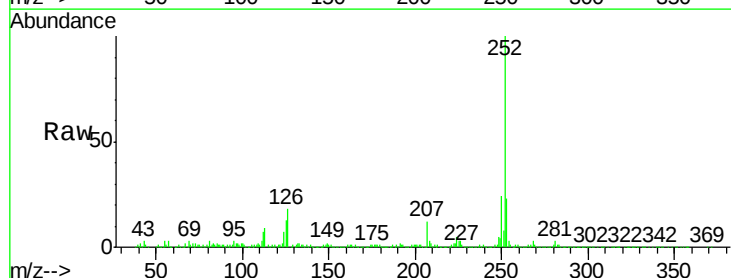
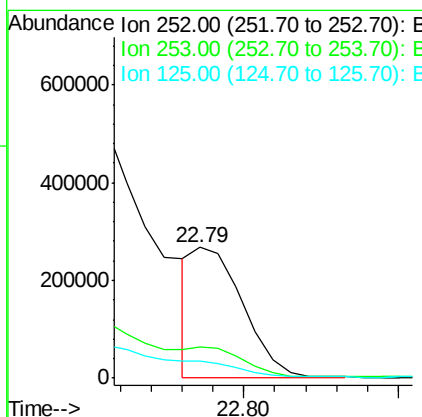
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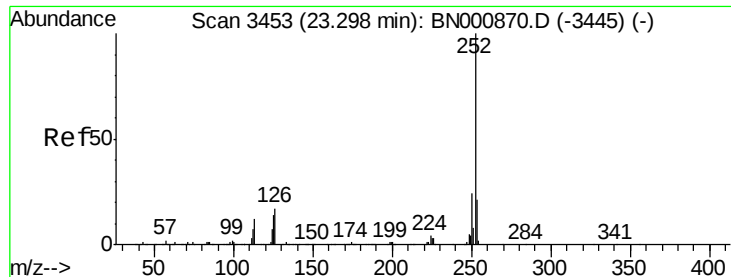
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#24
Benzo(k)fluoranthene
Concen: 7.959 ng/ul m
RT: 22.79 min Scan# 3366
Delta R.T. -0.00 min
Lab File: BN000883.D
Acq: 25 Apr 2018 10:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	13.1	8.1	12.1





#26

Benzo(a)pyrene

Concen: 19.056 ng/ul

RT: 23.31 min Scan# 3455

Delta R.T. 0.01 min

Lab File: BN000883.D

Acq: 25 Apr 2018 10:07

Instrument :

BNA_N

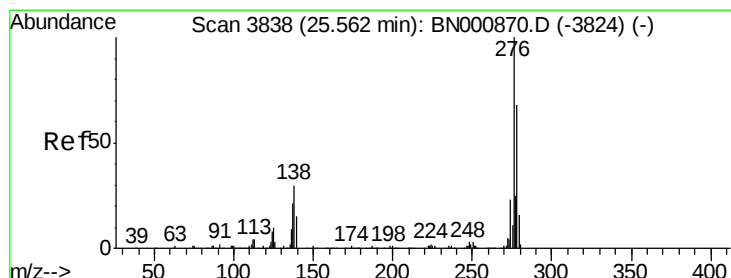
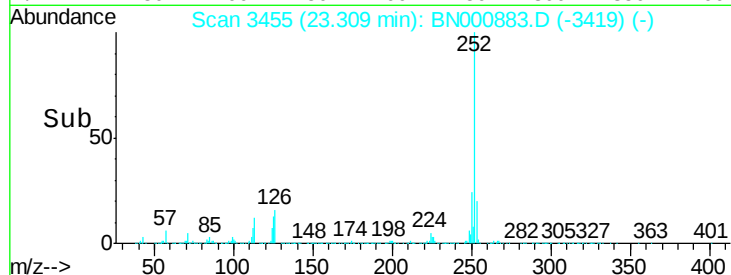
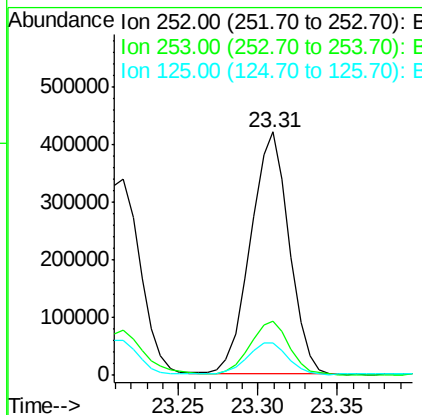
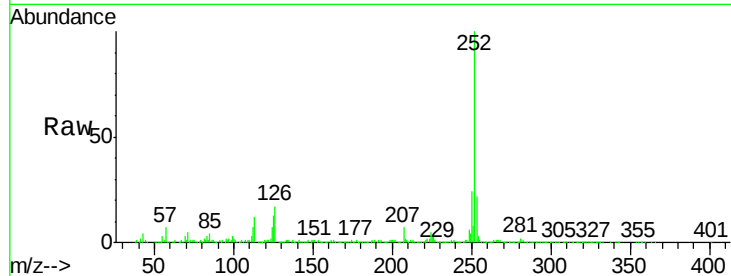
ClientSampled :

DART1

Tot Ion:	252	Resp:	711832
Ion Ratio		Lower	Upper
252	100		
253	22.1	17.2	25.8
125	13.1	8.2	12.4#

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#27

Indeno(1,2,3-cd)pyrene

Concen: 14.201 ng/ul

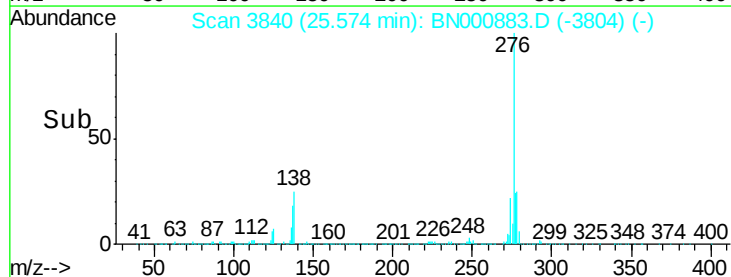
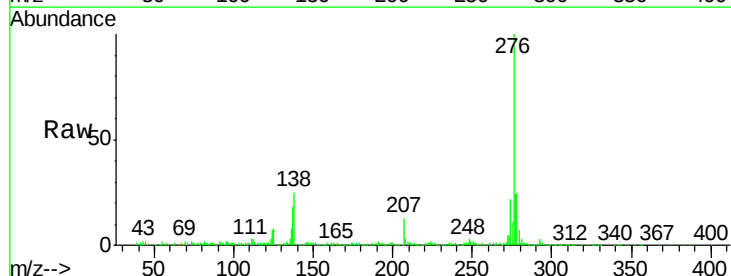
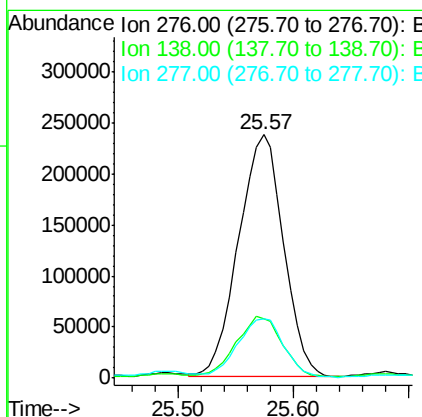
RT: 25.57 min Scan# 3840

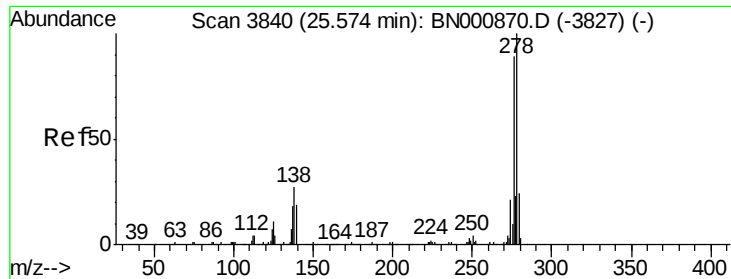
Delta R.T. 0.01 min

Lab File: BN000883.D

Acq: 25 Apr 2018 10:07

Tgt Ion:	276	Resp:	640722
Ion Ratio		Lower	Upper
276	100		
138	24.6	14.4	21.6#
277	24.4	18.0	27.0





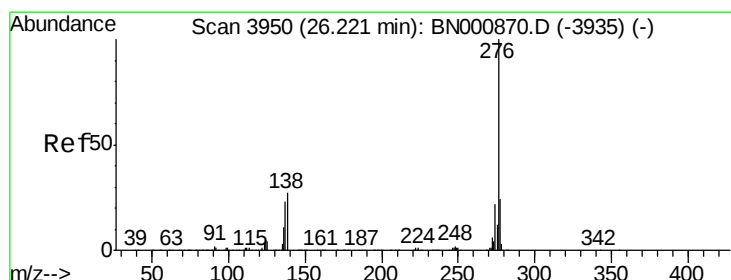
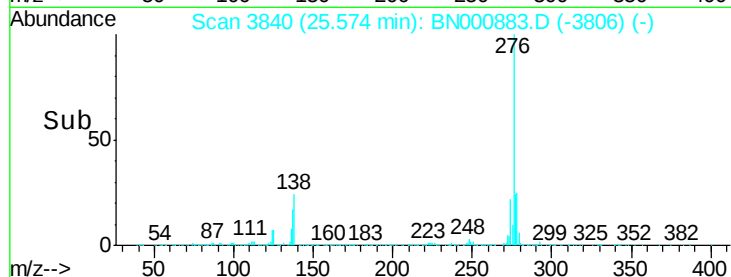
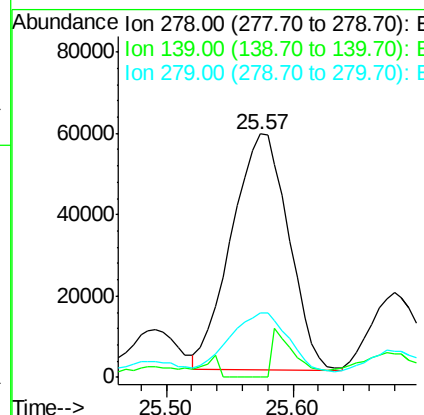
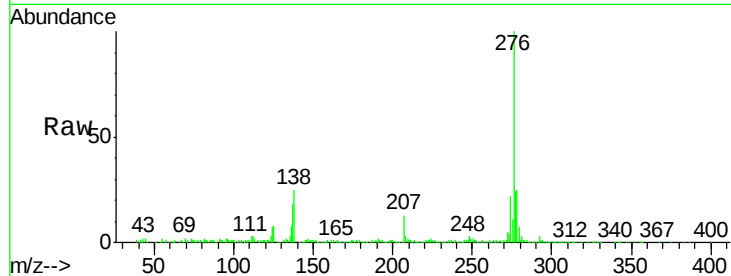
#28
Dibenzo(a,h)anthracene
Concen: 4.839 ng/u1
RT: 25.57 min Scan# 3840
Delta R.T. -0.00 min
Lab File: BN000883.D
Acq: 25 Apr 2018 10:07

Instrument :
BNA_N
ClientSampleId :
DART1

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	26.3	19.2	28.8

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 15.969 ng/u1
RT: 26.24 min Scan# 3953
Delta R.T. 0.02 min
Lab File: BN000883.D
Acq: 25 Apr 2018 10:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	15.3	22.9#
277	24.1	19.0	28.4

