

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
 Data File : BN000879.D
 Acq On : 25 Apr 2018 07:49
 Operator : JU/SJ
 Sample : J2444-08
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DARS7

Manual Integrations
 APPROVED

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Quant Time: Apr 25 08:58:43 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	169900	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	721771	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	352582	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	670939	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	594872	20.00	ng/ul	0.00
22) Perylene-d12	23.39	264	629031	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	691031	20.41	ng/ul	0.00
10) Fluorene-d10	15.25	176	467284	20.67	ng/ul	0.00
14) Anthracene-d10	17.10	188	624101	20.34	ng/ul	0.00
18) Pyrene-d10	19.40	212	639300	20.97	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.25	264	666474	22.43	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	62647	1.712	ng/ul	99
16) Fluoranthene	19.06	202	108496	2.922	ng/ul#	94
19) Pyrene	19.43	202	94452	2.472	ng/ul#	89
20) Benzo(a)anthracene	21.19	228	55097	1.549	ng/ul	93
21) Chrysene	21.24	228	57197m	1.711	ng/ul	
23) Benzo(b)fluoranthene	22.74	252	90229m	2.524	ng/ul	
26) Benzo(a)pyrene	23.30	252	52639	1.541	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.56	276	42582	1.032	ng/ul#	84
29) Benzo(g,h,i)perylene	26.22	276	47915	1.388	ng/ul#	89

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

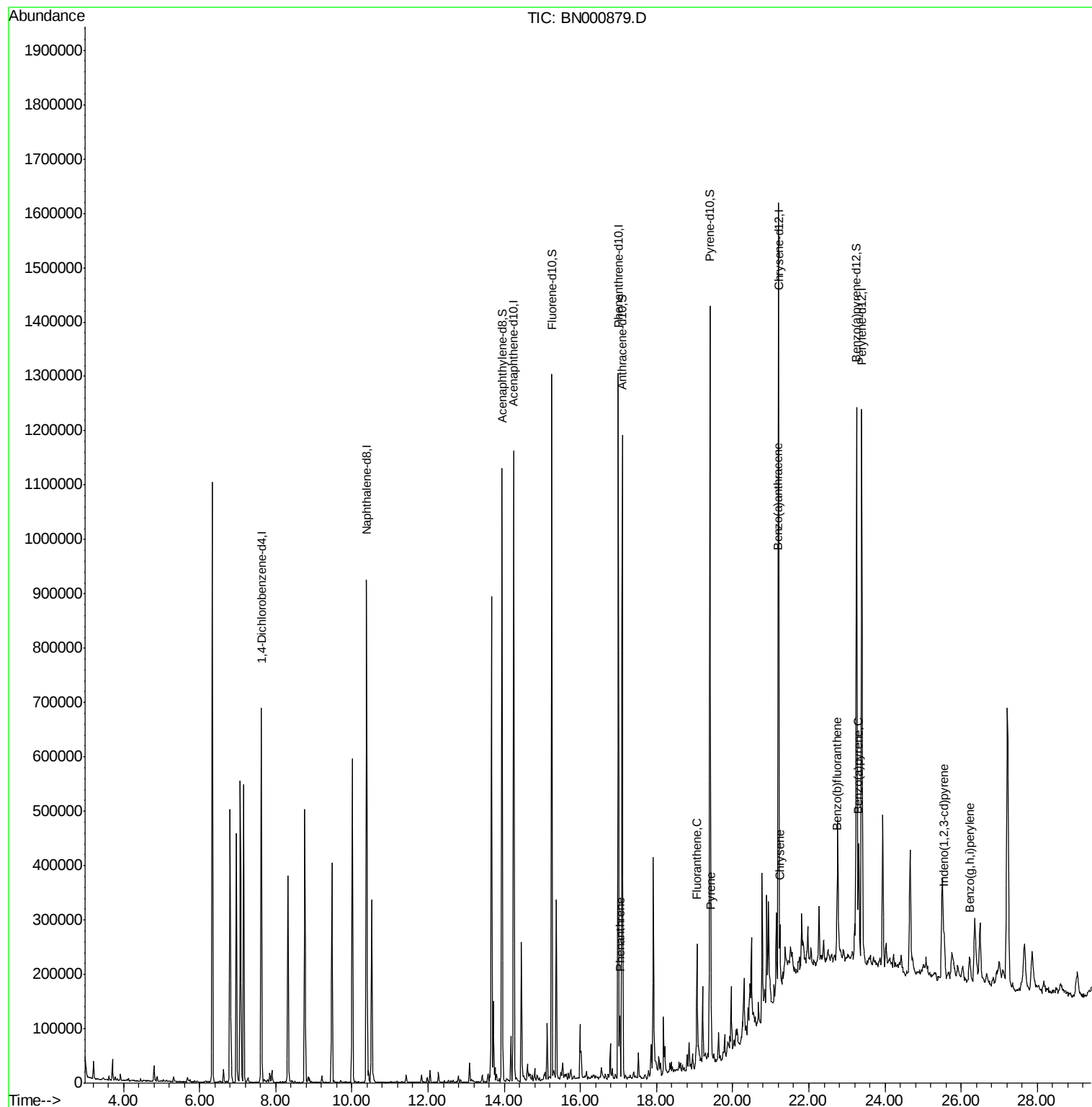
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000879.D
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Operator : JU/SJ
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Misc :
ALS Vial : 38 Sample Multiplier: 1

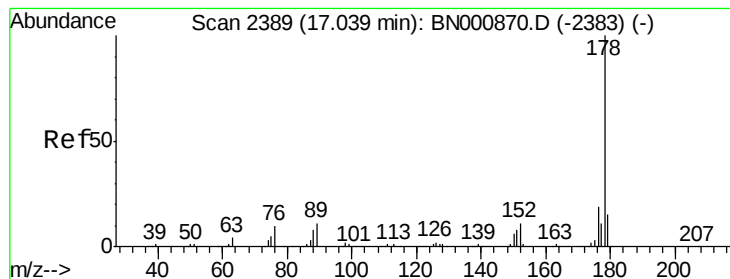
Instrument :
BNA_N
ClientSampled :
DARS7

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 08:30:17 2018
Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.712 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BN000879.D

Acq: 25 Apr 2018 07:49

Instrument :

BNA_N

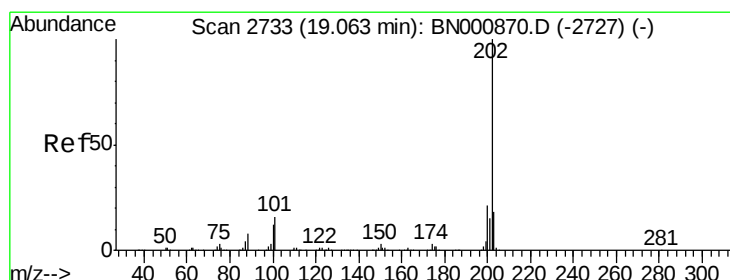
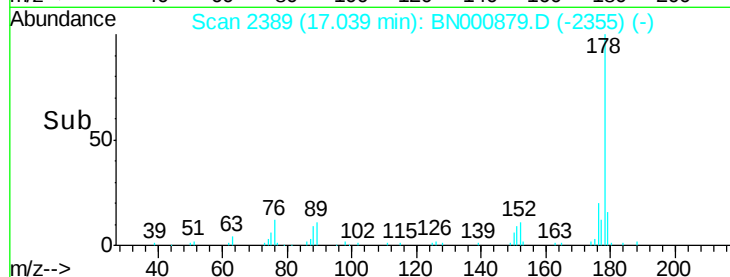
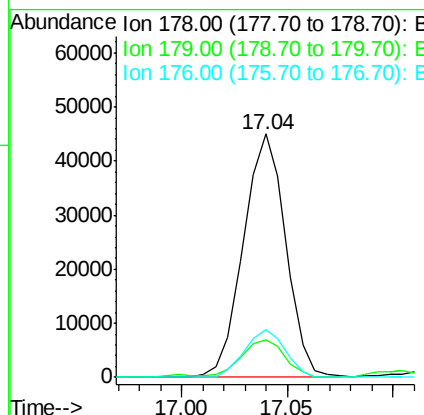
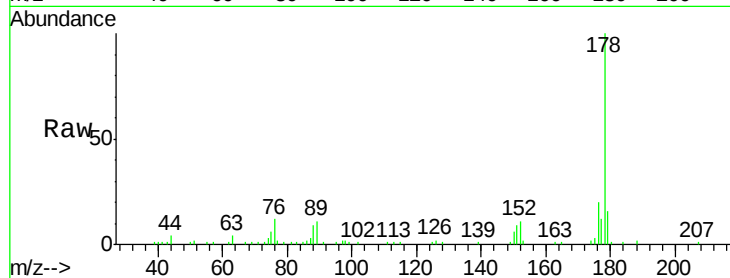
ClientSampleId :

DARS7

Tot Ion:178	Resp:	62647
Ion Ratio	Lower	Upper
178 100		
179 15.5	12.3	18.5
176 19.8	15.1	22.7

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#16

Fluoranthene

Concen: 2.922 ng/ul

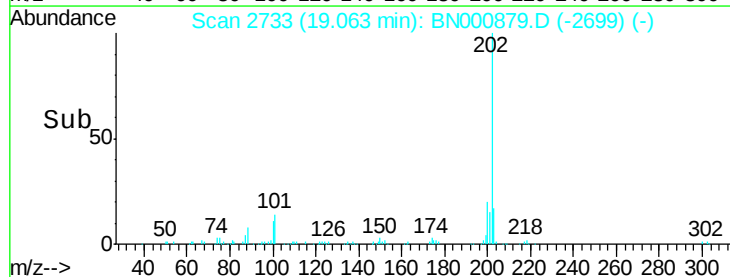
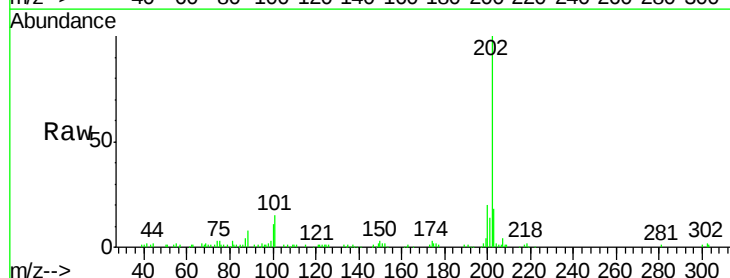
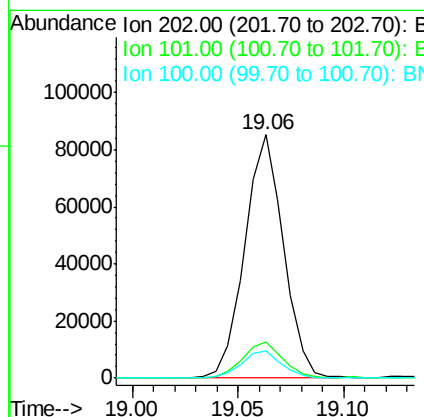
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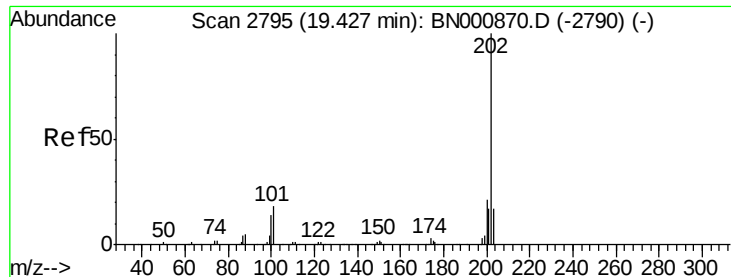
Delta R.T. 0.00 min

Lab File: BN000879.D

Acq: 25 Apr 2018 07:49

Tgt Ion:202	Resp:	108496
Ion Ratio	Lower	Upper
202 100		
101 14.8	9.9	14.9
100 11.1	7.4	11.0#





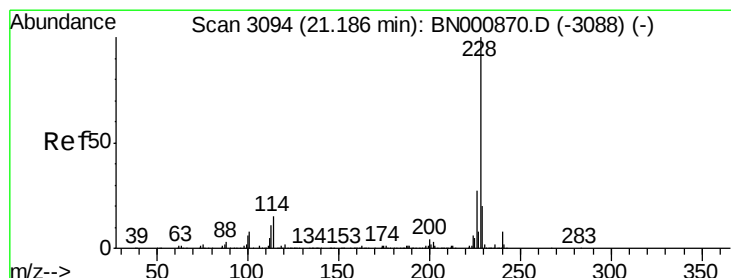
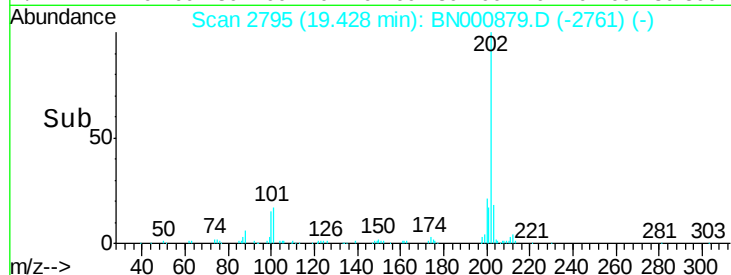
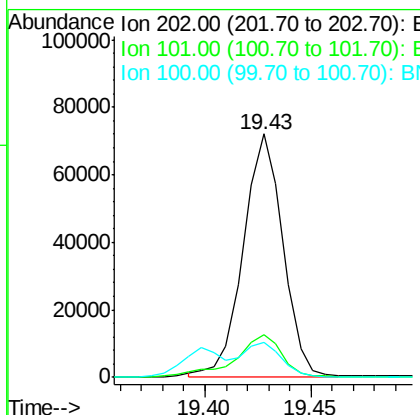
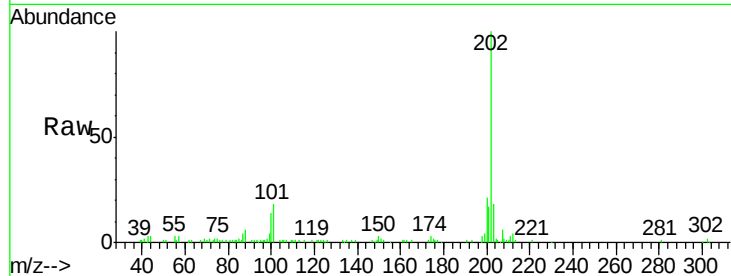
#19
Pvrene
Concen: 2.472 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BN000879.D
Acq: 25 Apr 2018 07:49

Instrument :
BNA_N
ClientSampled :
DARS7

Tot Ion	Ratio	Lower	Upper
202	100		
101	17.7	11.0	16.4#
100	14.3	8.1	12.1#

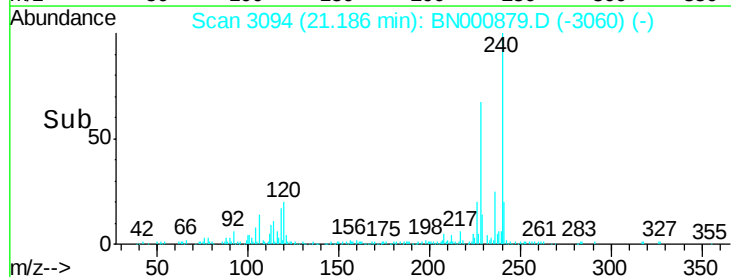
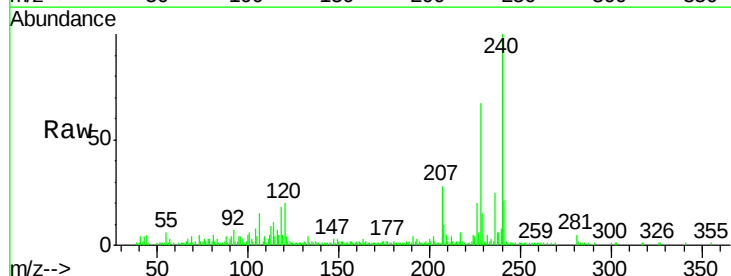
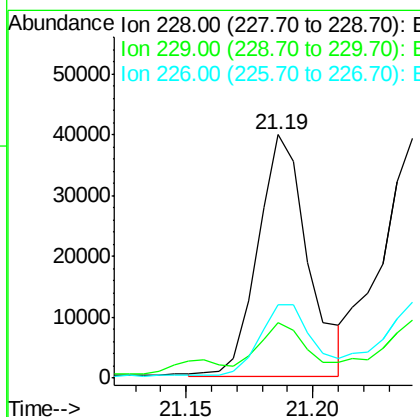
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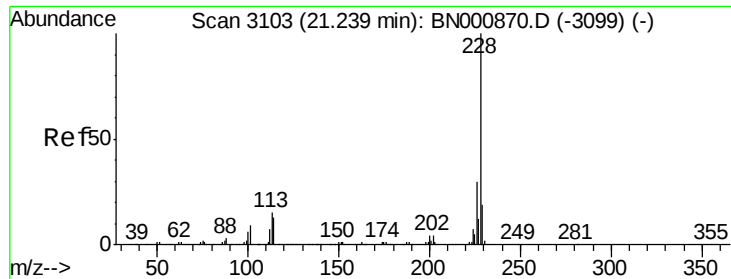
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#20
Benzo(a)anthracene
Concen: 1.549 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BN000879.D
Acq: 25 Apr 2018 07:49

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.9	15.7	23.5
226	30.0	21.1	31.7





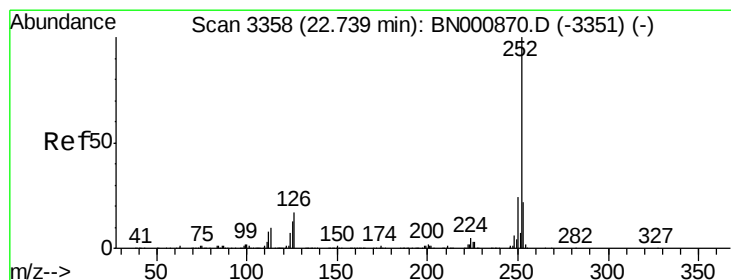
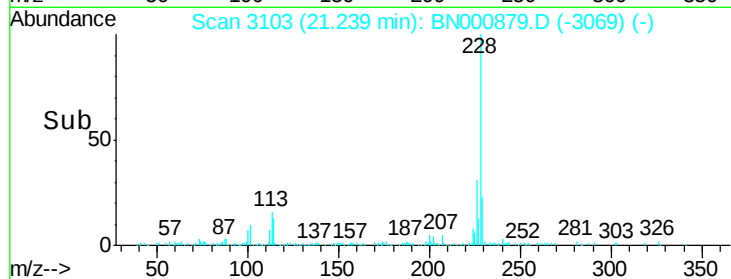
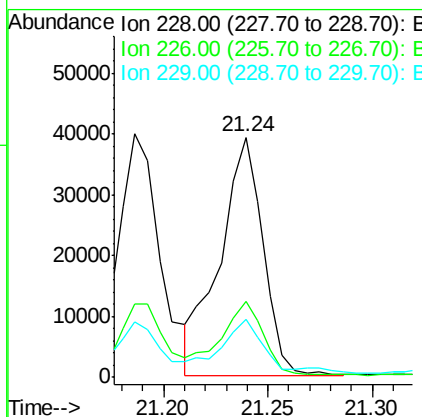
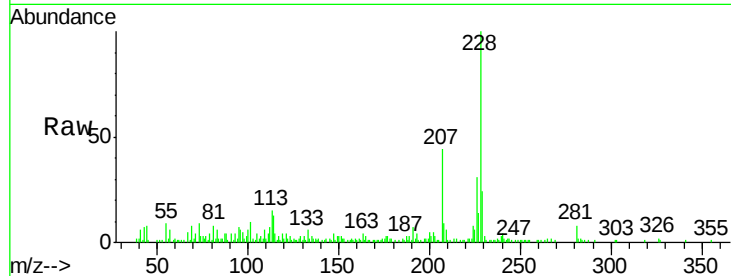
#21
Chrysene
Concen: 1.711 ng/ul m
RT: 21.24 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BN000879.D
Acq: 25 Apr 2018 07:49

Instrument :
BNA_N
ClientSampled :
DARS7

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.5	36.7
229	24.0	15.8	23.8#

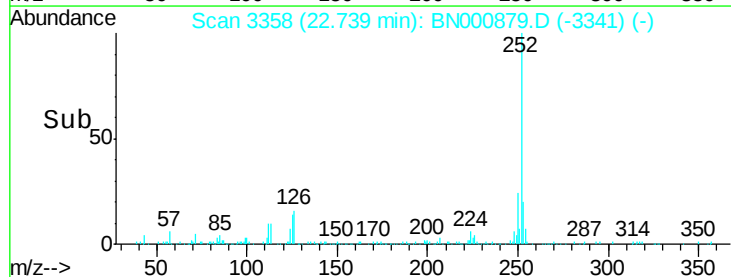
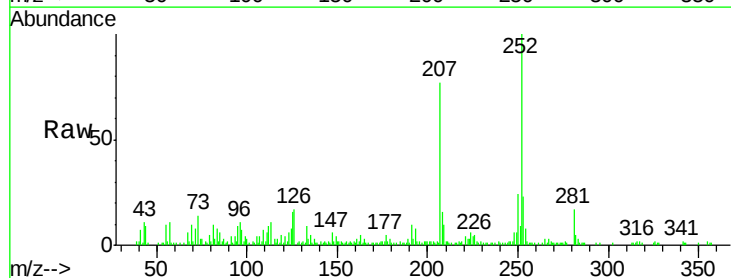
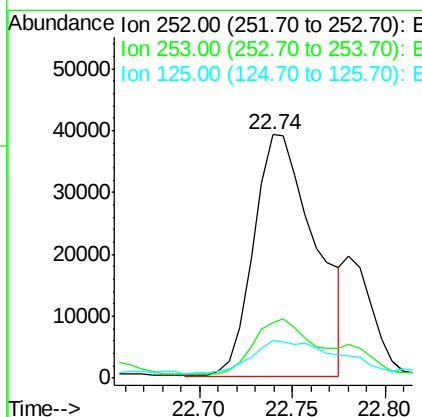
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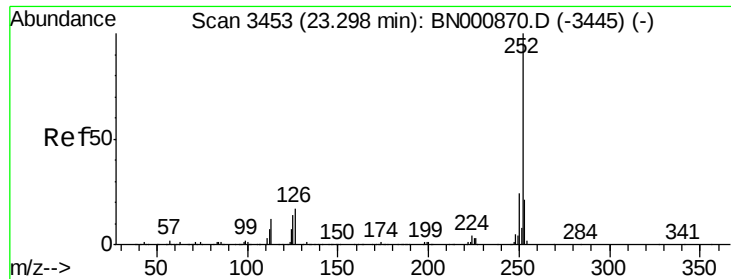
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#23
Benzo(b)fluoranthene
Concen: 2.524 ng/ul m
RT: 22.74 min Scan# 3358
Delta R.T. 0.00 min
Lab File: BN000879.D
Acq: 25 Apr 2018 07:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	15.6	8.0	12.0#





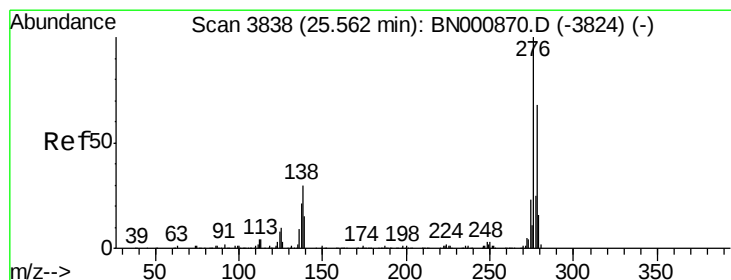
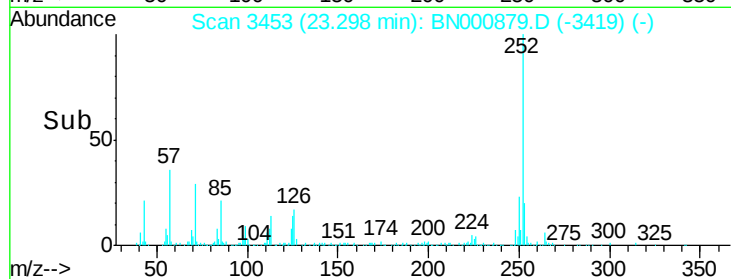
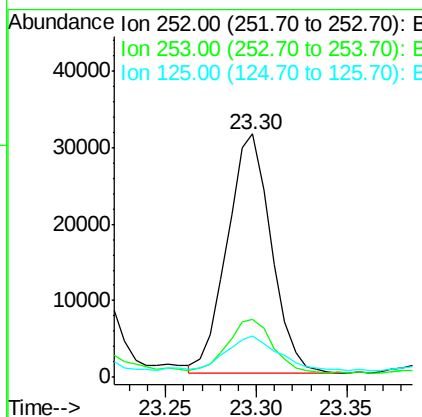
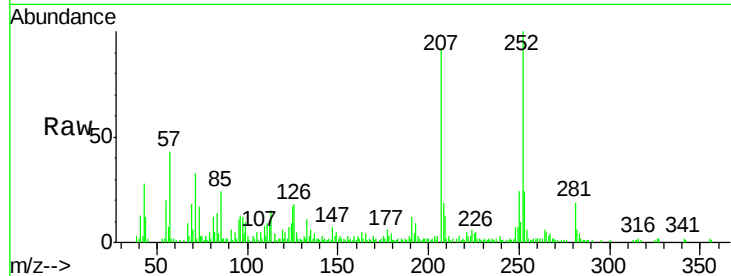
#26
Benzo(a)pyrene
Concen: 1.541 ng/ul
RT: 23.30 min Scan# 3453
Delta R.T. 0.00 min
Lab File: BN000879.D
Acq: 25 Apr 2018 07:49

Instrument :
BNA_N
ClientSampleId :
DARS7

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.2	25.8
125	16.9	8.2	12.4

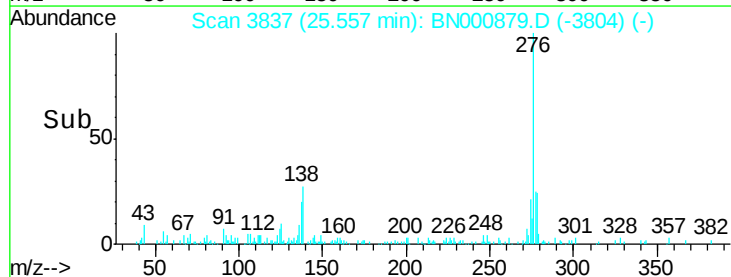
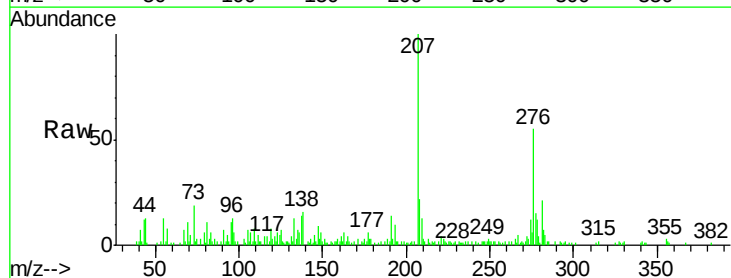
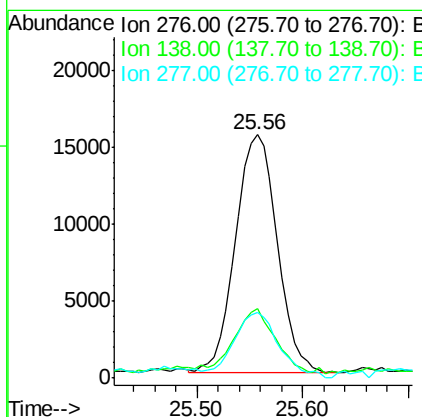
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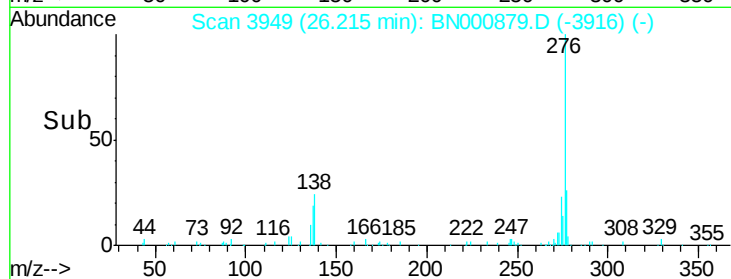
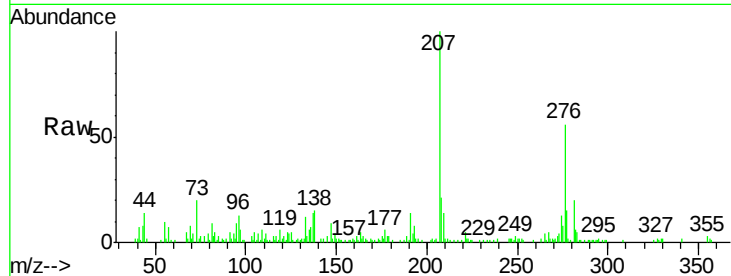
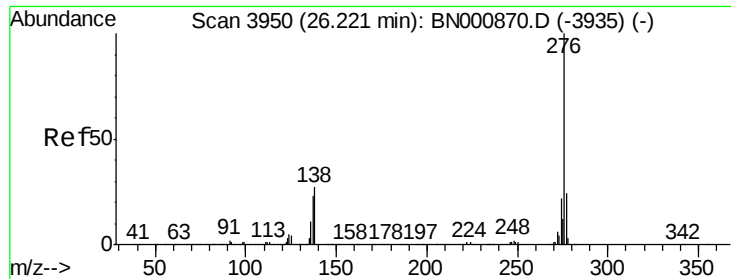
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#27
Indeno(1,2,3-cd)pyrene
Concen: 1.032 ng/ul
RT: 25.56 min Scan# 3837
Delta R.T. -0.01 min
Lab File: BN000879.D
Acq: 25 Apr 2018 07:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.5	14.4	21.6
277	26.9	18.0	27.0





#29

Benzo(a,h,i)perylene

Concen: 1.388 ng/ul

RT: 26.22 min Scan# 3949

Delta R.T. -0.01 min

Lab File: BN000879.D

Acq: 25 Apr 2018 07:49

Instrument :

BNA_N

ClientSampleId :

DARS7

Tot Ion:	276	Resp:	47915
Ion Ratio	Lower	Upper	
276	100		
138	25.8	15.3	22.9#
277	27.2	19.0	28.4

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