

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
 Data File : BN000849.D
 Acq On : 24 Apr 2018 14:30
 Operator : JU/SJ
 Sample : J2443-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DARR5

Manual Integrations
 APPROVED

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Quant Time: Apr 25 07:38:02 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 24 13:09:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	125167	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	527253	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	259712	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	509895	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	485946	20.00	ng/ul	0.00
22) Perylene-d12	23.39	264	503947	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	691683	27.73	ng/ul	0.00
10) Fluorene-d10	15.25	176	484614	29.11	ng/ul	0.00
14) Anthracene-d10	17.09	188	668455	28.67	ng/ul	0.00
18) Pyrene-d10	19.40	212	712483	28.61	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.25	264	764081	32.10	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	57235	2.058	ng/ul	100
16) Fluoranthene	19.06	202	156566	5.549	ng/ul#	95
19) Pyrene	19.43	202	168479	5.398	ng/ul#	91
20) Benzo(a)anthracene	21.19	228	106946m	3.682	ng/ul	
21) Chrysene	21.24	228	107310	3.930	ng/ul	98
23) Benzo(b)fluoranthene	22.74	252	200883	7.014	ng/ul#	97
24) Benzo(k)fluoranthene	22.77	252	55876m	1.994	ng/ul	
26) Benzo(a)pyrene	23.29	252	132448	4.839	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.55	276	97226	2.941	ng/ul#	89
29) Benzo(g,h,i)perylene	26.21	276	94470	3.417	ng/ul#	89

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

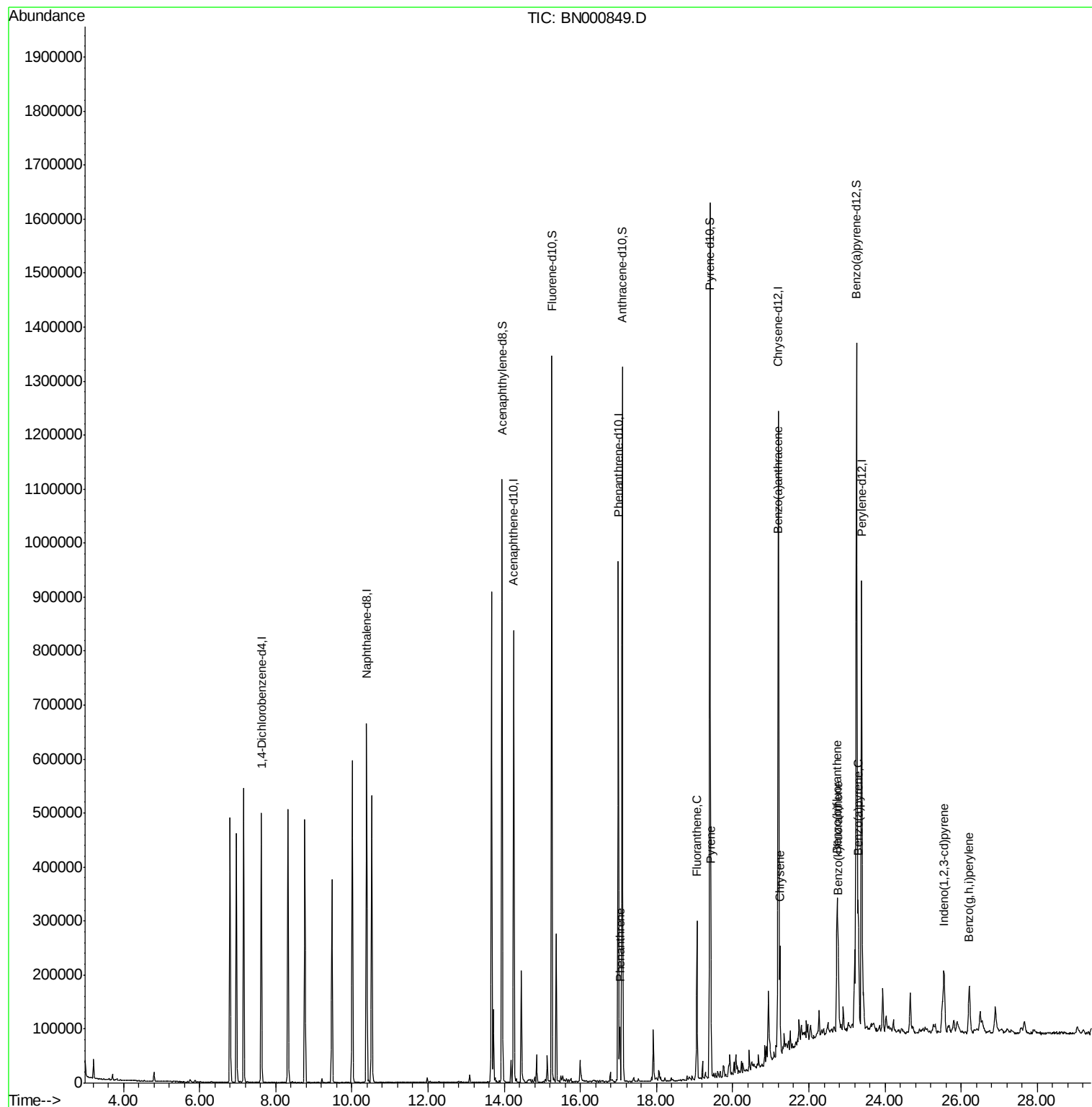
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000849.D
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ALS Vial : 10 Sample Multiplier: 1

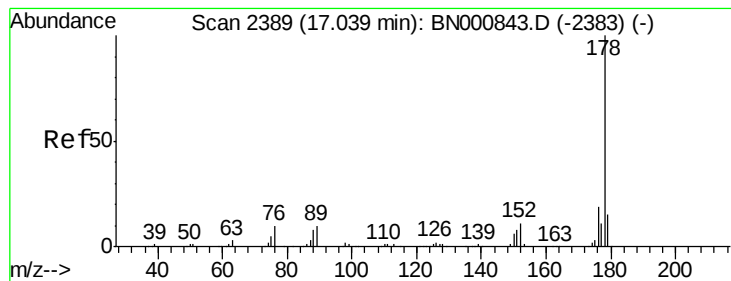
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 13:09:24 2018
Response via : Initial Calibration





#13

Phenanthrene

Concen: 2.058 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BN000849.D

Acq: 24 Apr 2018 14:30

Instrument :

BNA_N

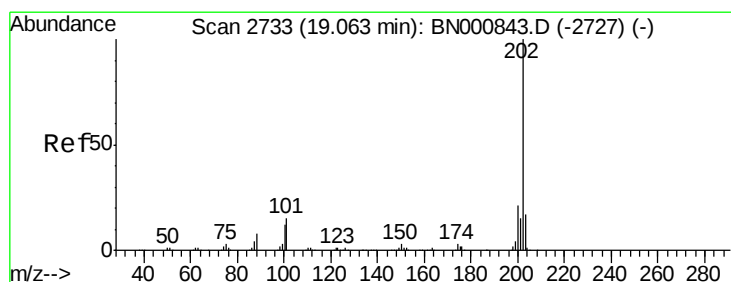
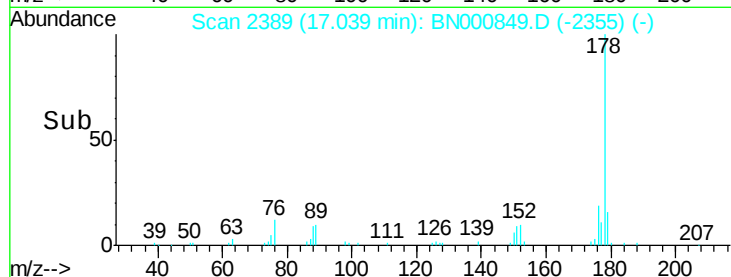
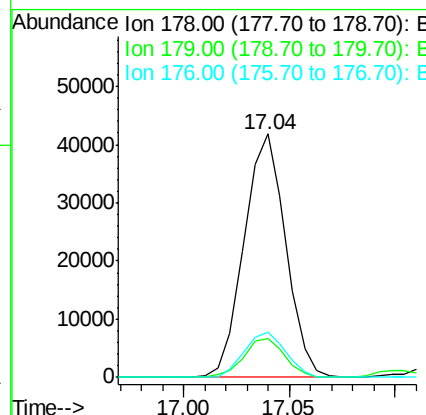
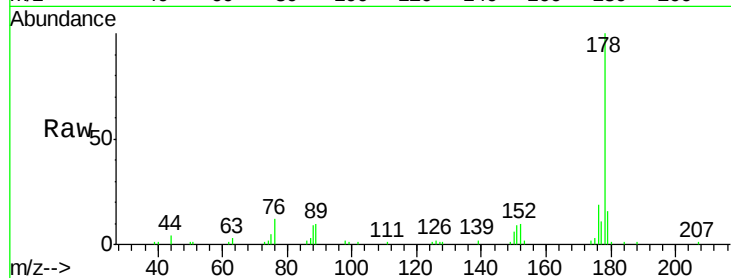
ClientSampled :

DARR5

Tot Ion:	178	Resp:	57235
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.3	18.5
176	18.8	15.1	22.7

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#16

Fluoranthene

Concen: 5.549 ng/ul

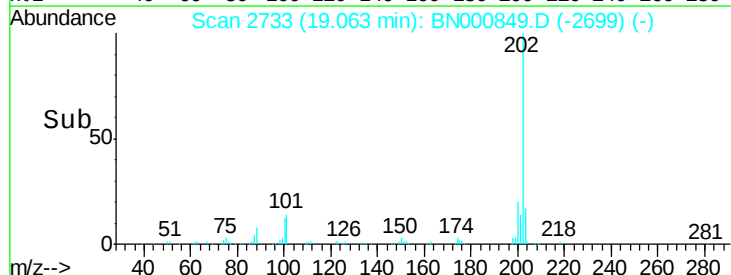
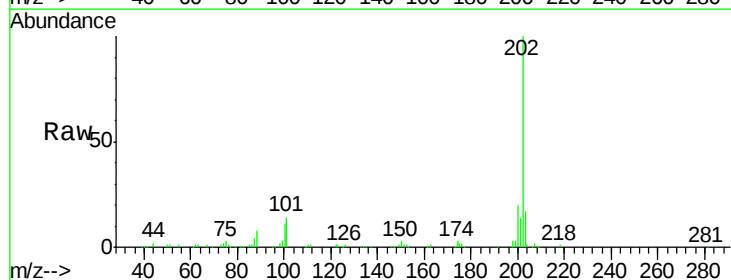
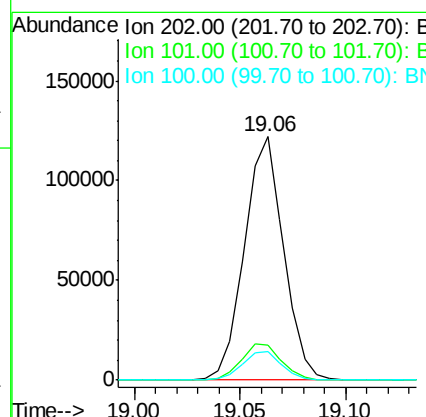
RT: 19.06 min Scan# 2733

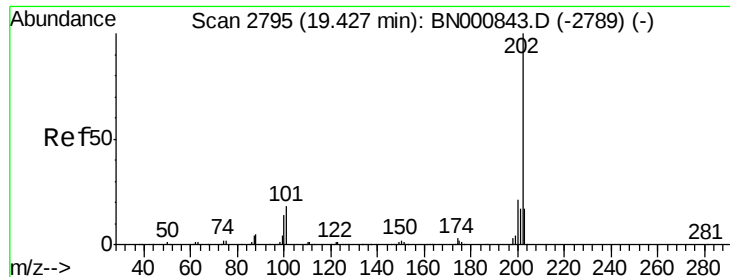
Delta R.T. 0.00 min

Lab File: BN000849.D

Acq: 24 Apr 2018 14:30

Tgt Ion:	202	Resp:	156566
Ion Ratio	Lower	Upper	
202	100		
101	14.1	9.9	14.9
100	11.5	7.4	11.0#





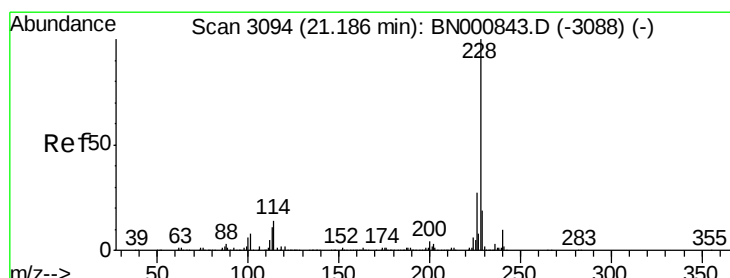
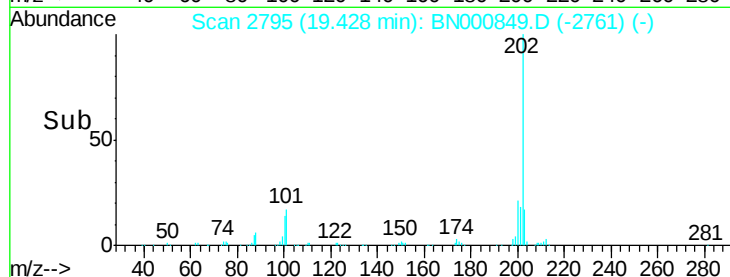
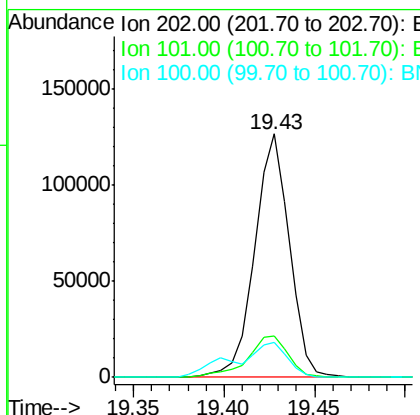
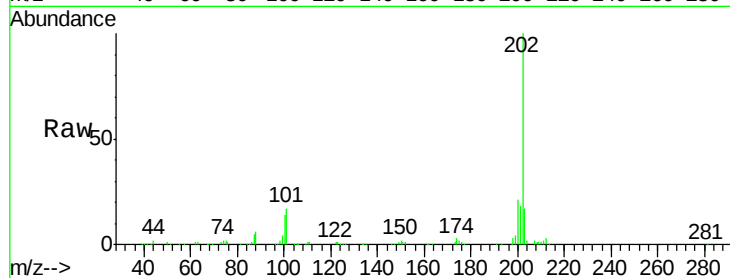
#19
Pvrene
Concen: 5.398 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BN000849.D
Acq: 24 Apr 2018 14:30

Instrument :
BNA_N
ClientSampleId :
DARR5

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.9	11.0	16.4#
100	14.3	8.1	12.1#

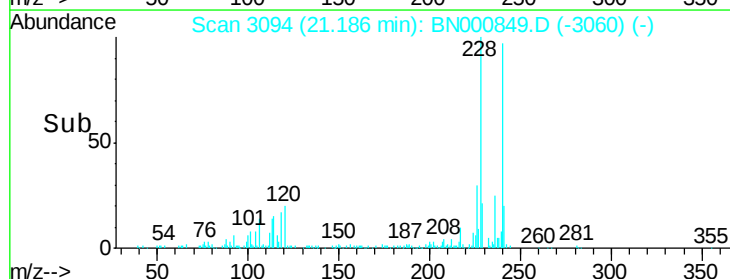
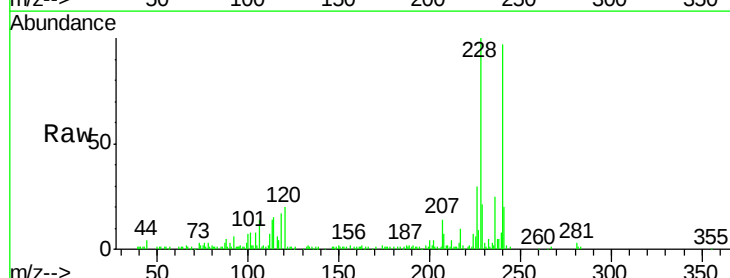
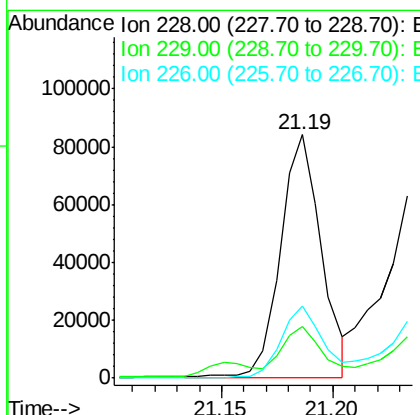
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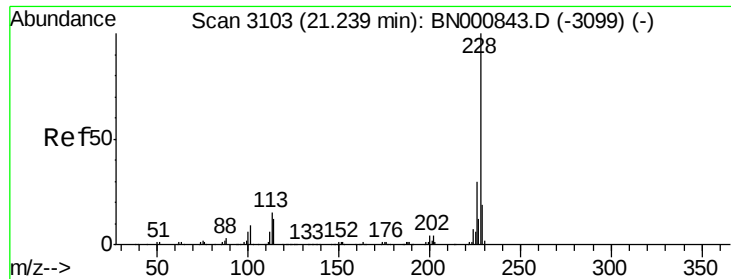
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#20
Benzo(a)anthracene
Concen: 3.682 ng/ul m
RT: 21.19 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BN000849.D
Acq: 24 Apr 2018 14:30

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.7	23.5
226	29.7	21.1	31.7





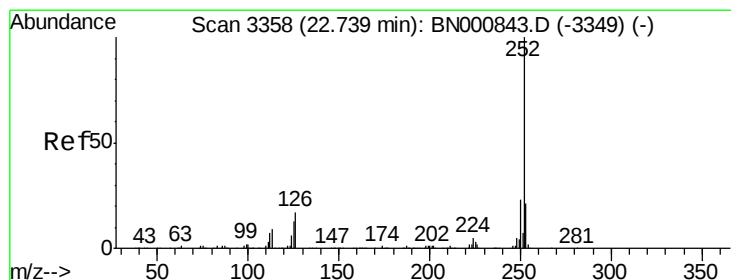
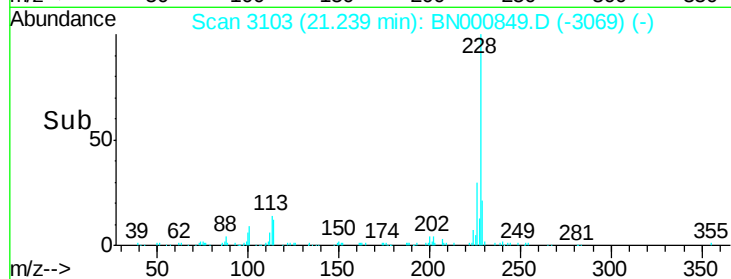
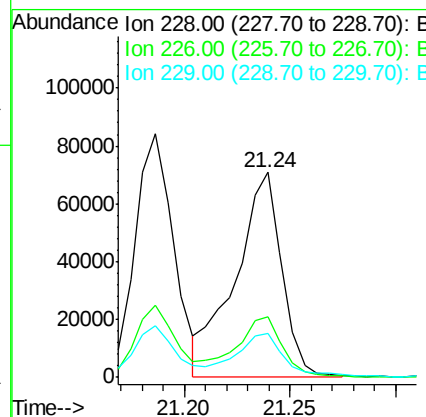
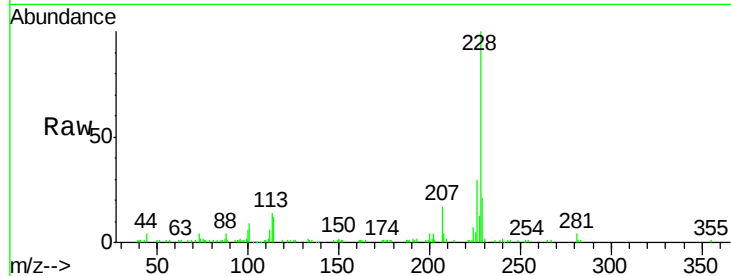
#21
Chrysene
Concen: 3.930 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BN000849.D
Acq: 24 Apr 2018 14:30

Instrument :
BNA_N
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.5	36.7
229	21.4	15.8	23.8

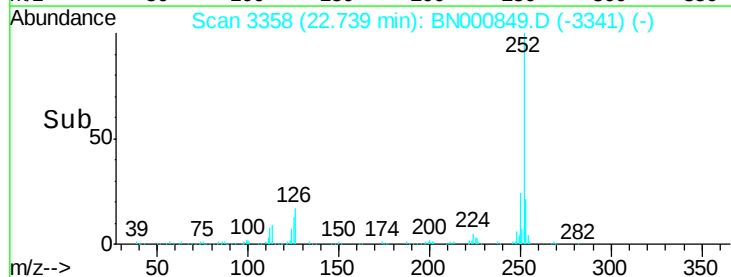
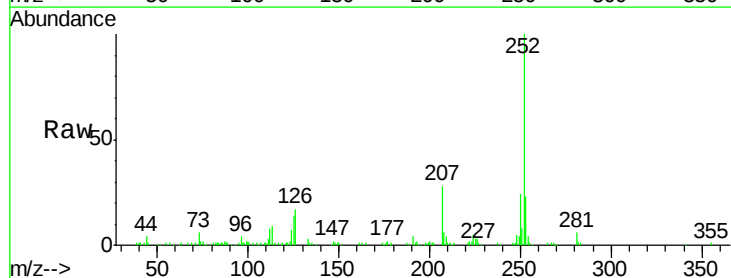
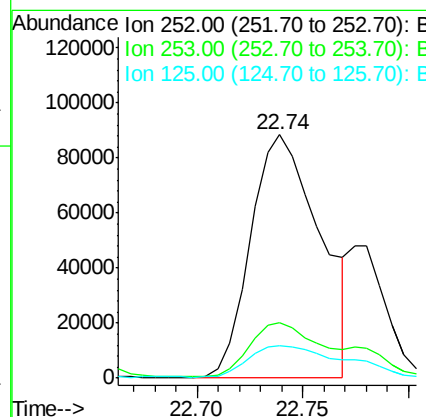
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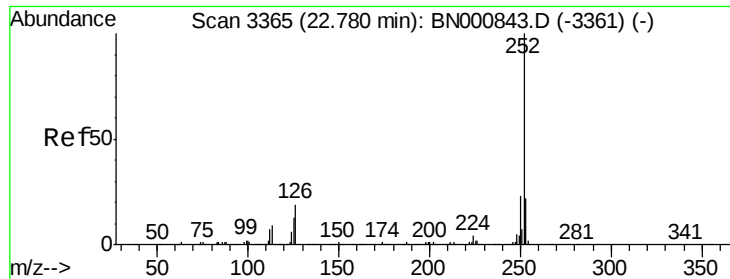
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#23
Benzo(b)fluoranthene
Concen: 7.014 ng/ul
RT: 22.74 min Scan# 3358
Delta R.T. 0.00 min
Lab File: BN000849.D
Acq: 24 Apr 2018 14:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	13.5	8.0	12.0





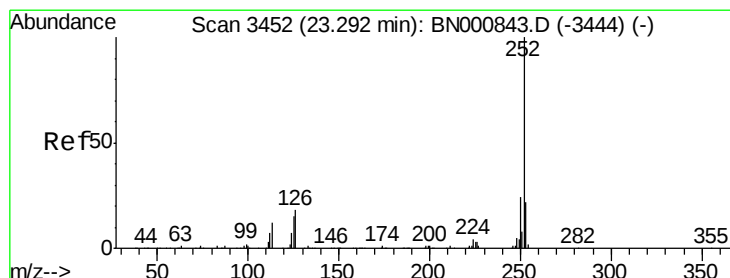
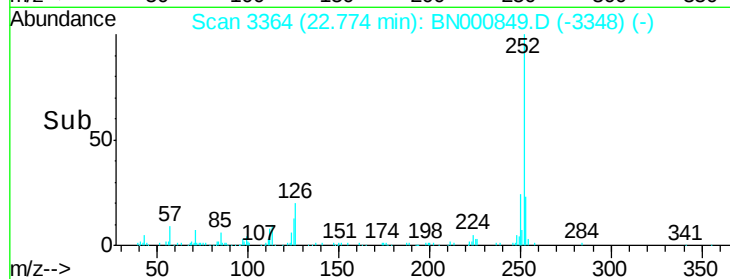
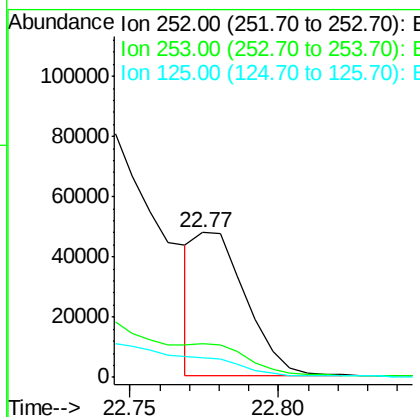
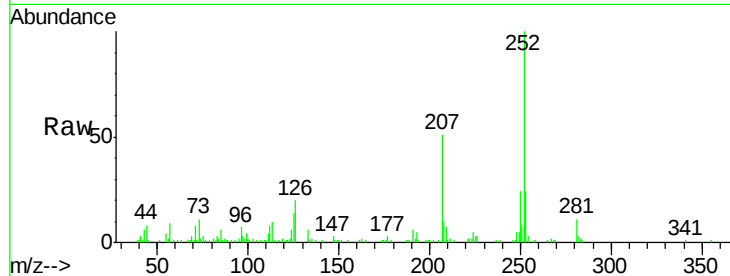
#24
Benzo(k)fluoranthene
Concen: 1.994 ng/u l m
RT: 22.77 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BN000849.D
Acq: 24 Apr 2018 14:30

Instrument :
BNA_N
ClientSampled :
DARR5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	13.8	8.1	12.1#

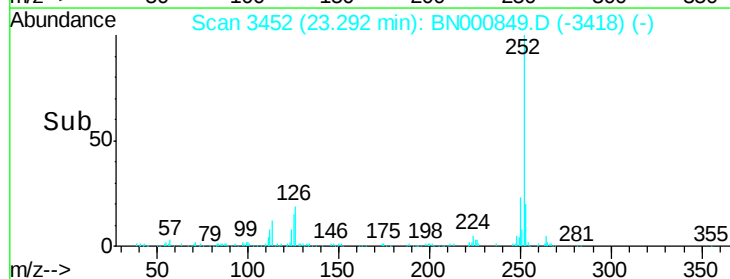
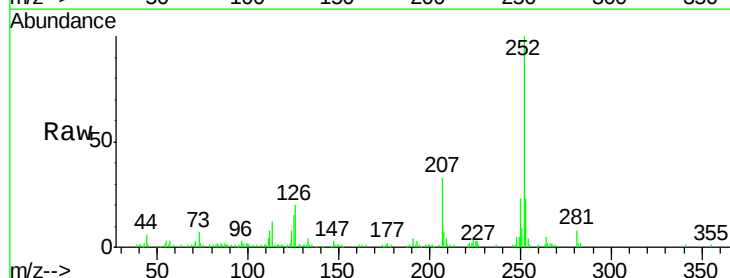
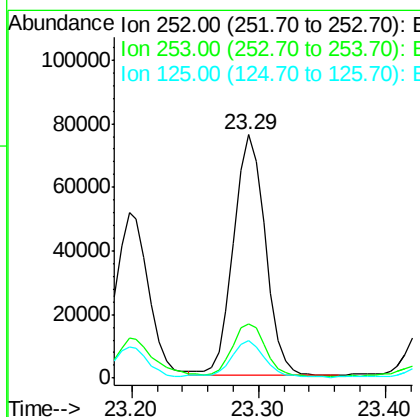
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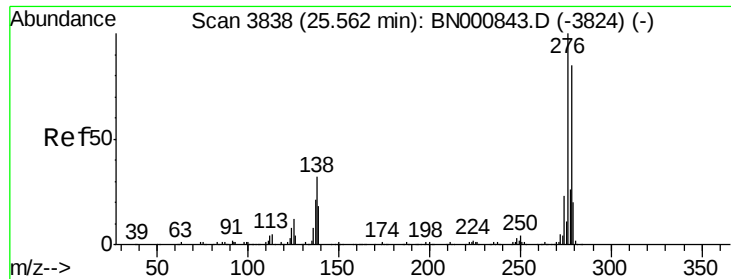
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#26
Benzo(a)pyrene
Concen: 4.839 ng/u l
RT: 23.29 min Scan# 3452
Delta R.T. 0.00 min
Lab File: BN000849.D
Acq: 24 Apr 2018 14:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	15.3	8.2	12.4#





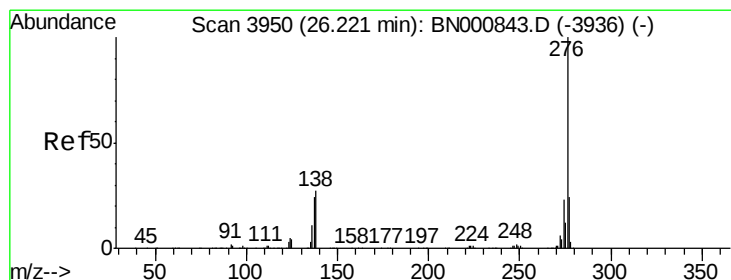
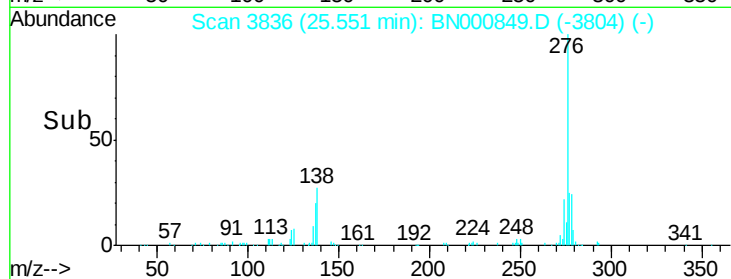
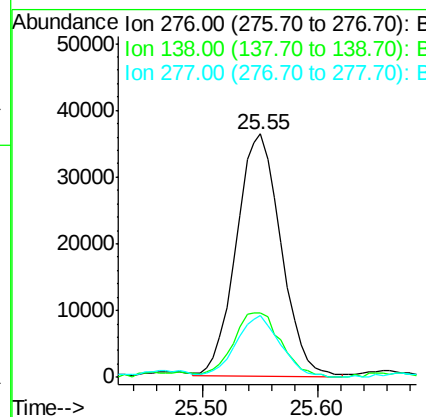
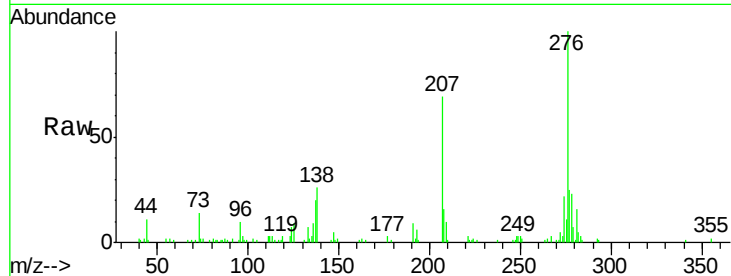
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.941 ng/ul
 RT: 25.55 min Scan# 3836
 Delta R.T. -0.01 min
 Lab File: BN000849.D
 Acq: 24 Apr 2018 14:30

Instrument :
 BNA_N
 ClientSampleId :
 DARR5

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.3	14.4	21.6#
277	25.2	18.0	27.0

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#29
 Benzo(g,h,i)perylene
 Concen: 3.417 ng/ul
 RT: 26.21 min Scan# 3948
 Delta R.T. -0.01 min
 Lab File: BN000849.D
 Acq: 24 Apr 2018 14:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.9	15.3	22.9#
277	25.3	19.0	28.4

