

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
 Data File : BN000873.D
 Acq On : 25 Apr 2018 04:22
 Operator : JU/SJ
 Sample : J2487-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS48

Manual Integrations
 APPROVED

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 4/25/2018 4:36:47 PM

Quant Time: Apr 25 08:44:12 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	164142	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	689570	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	335094	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	651791	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	609812	20.00	ng/ul	0.00
22) Perylene-d12	23.39	264	658399	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	795264	24.71	ng/ul	0.00
10) Fluorene-d10	15.25	176	542213	25.24	ng/ul	0.00
14) Anthracene-d10	17.10	188	749934	25.16	ng/ul	0.00
18) Pyrene-d10	19.40	212	772294	24.72	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.25	264	855365	27.50	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	71141	2.001	ng/ul	100
16) Fluoranthene	19.06	202	152708	4.234	ng/ul#	94
19) Pyrene	19.43	202	131638	3.361	ng/ul#	89
20) Benzo(a)anthracene	21.19	228	92666m	2.542	ng/ul	
21) Chrysene	21.24	228	93497	2.729	ng/ul	97
23) Benzo(b)fluoranthene	22.74	252	169510m	4.530	ng/ul	
24) Benzo(k)fluoranthene	22.78	252	49629m	1.355	ng/ul	
26) Benzo(a)pyrene	23.29	252	118959	3.327	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.56	276	103864	2.405	ng/ul#	90
29) Benzo(g,h,i)perylene	26.22	276	110347	3.055	ng/ul#	93

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

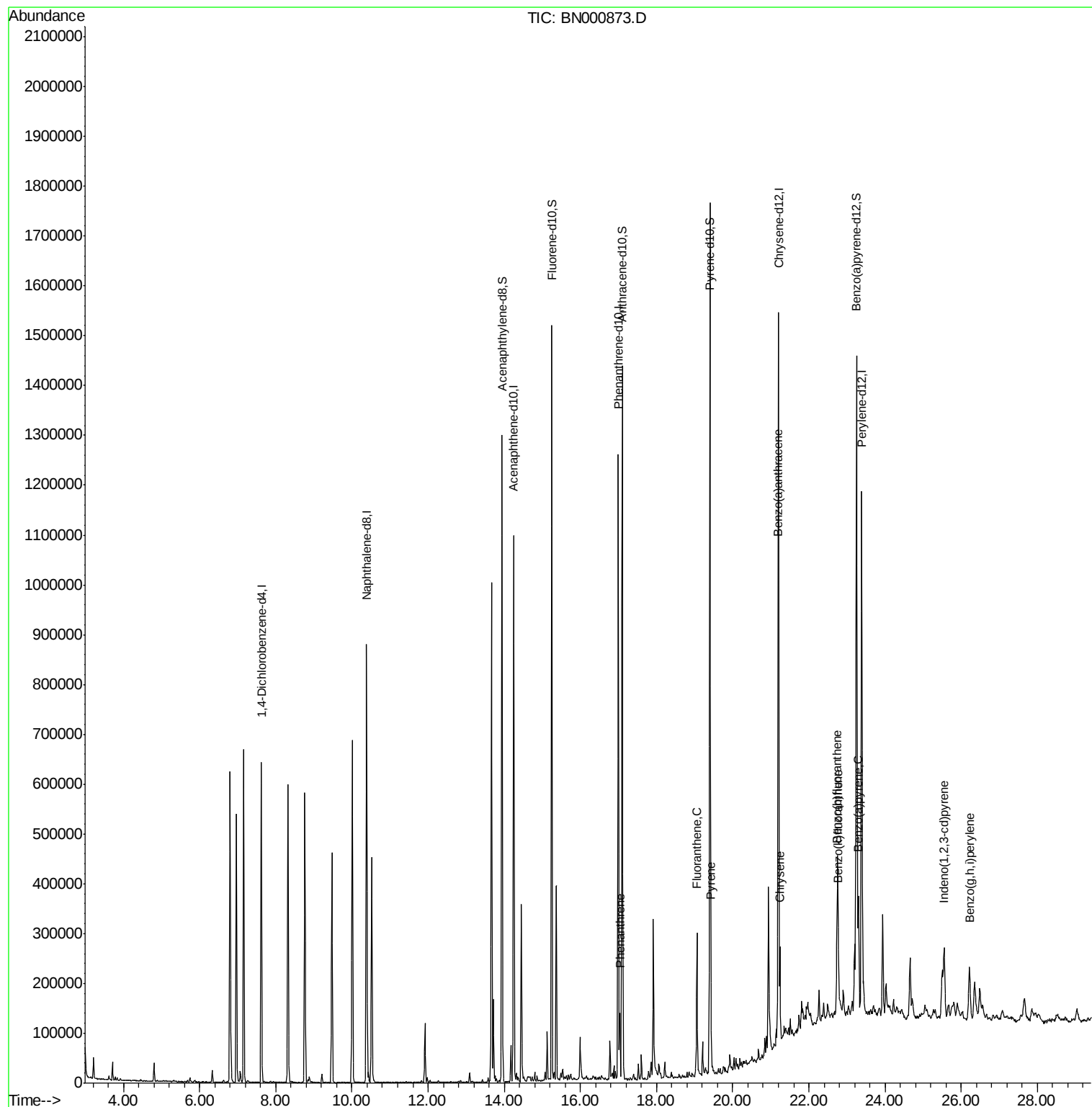
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000873.D
Acq On : 25 Apr 2018 04:22
Operator : JU/SJ
Sample : J2487-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

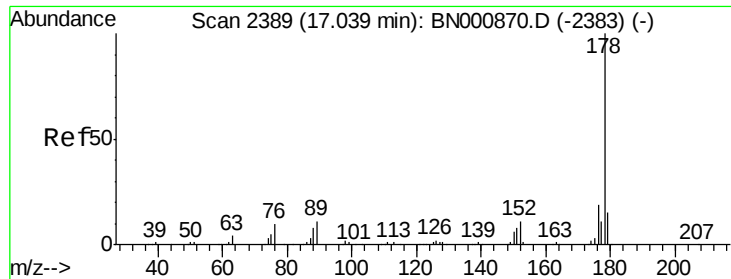
Instrument :
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ClientSampleId :
DAS48

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Response via : Initial Calibration





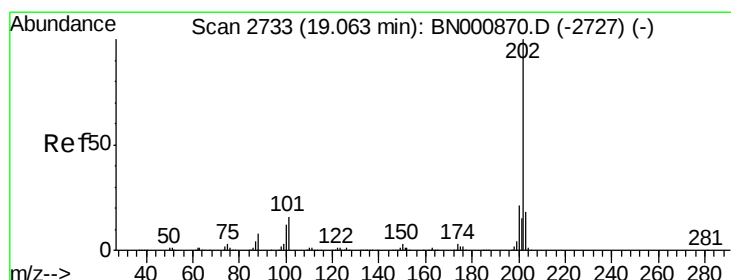
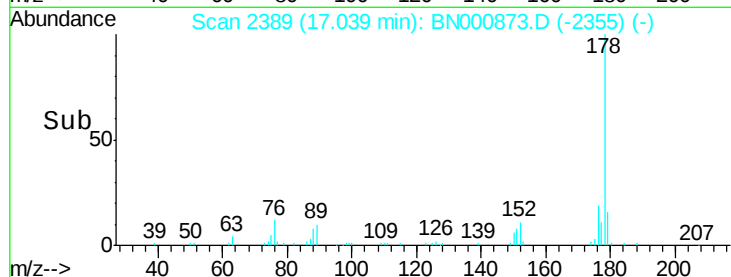
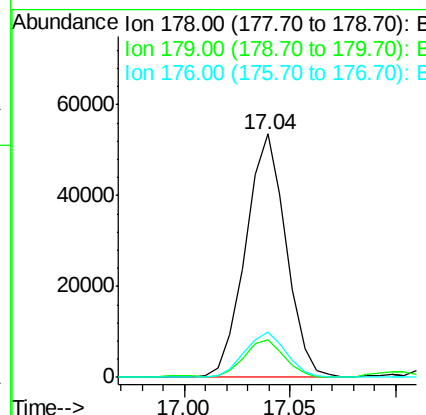
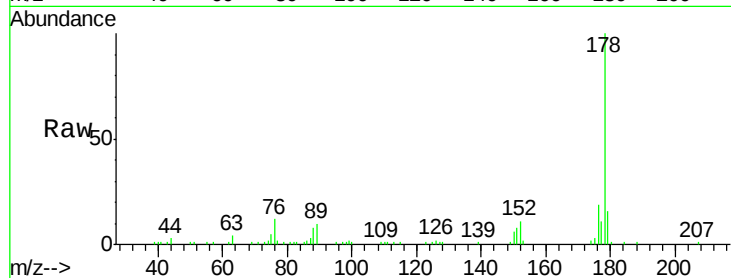
#13
Phenanthrene
Concen: 2.001 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BN000873.D
Acq: 25 Apr 2018 04:22

Instrument :
BNA_N
ClientSampleId :
DAS48

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.6	15.1	22.7

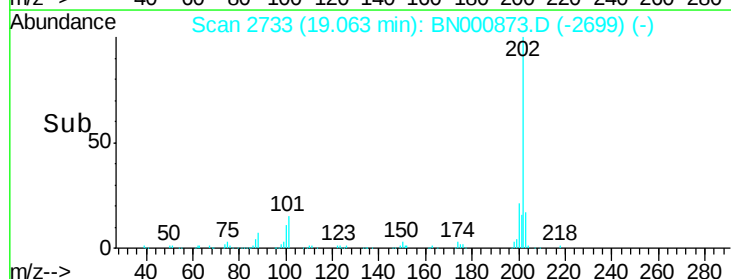
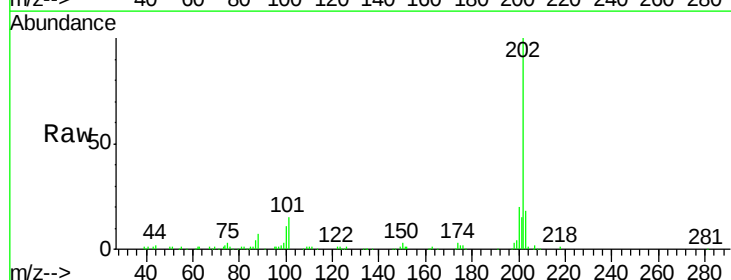
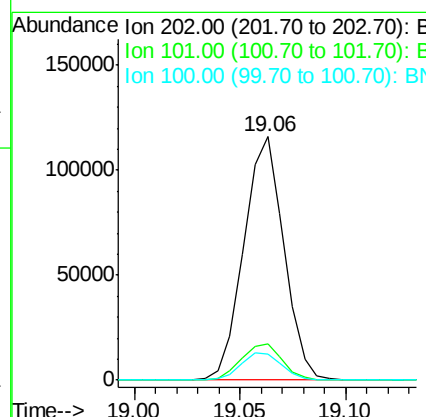
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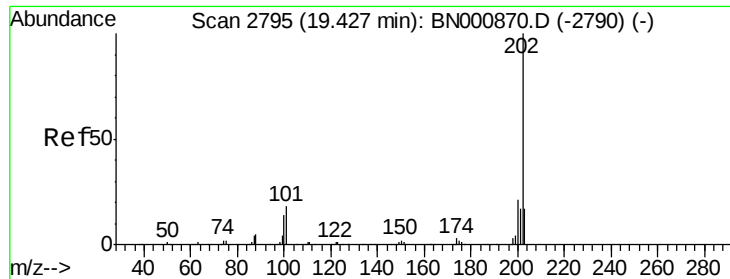
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#16
Fluoranthene
Concen: 4.234 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. 0.00 min
Lab File: BN000873.D
Acq: 25 Apr 2018 04:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.0	9.9	14.9#
100	10.8	7.4	11.0





#19

Pvrene

Concen: 3.361 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BN000873.D

Acq: 25 Apr 2018 04:22

Instrument :

BNA_N

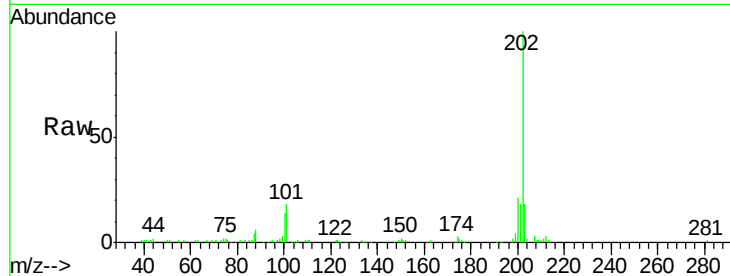
ClientSampled :

DAS48

Tot Ion:	202	Resp:	131638
Ion Ratio	Lower	Upper	
202	100		
101	18.2	11.0	16.4#
100	14.5	8.1	12.1#

Manual Integrations
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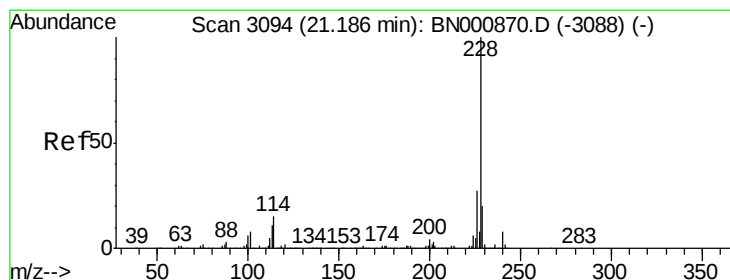
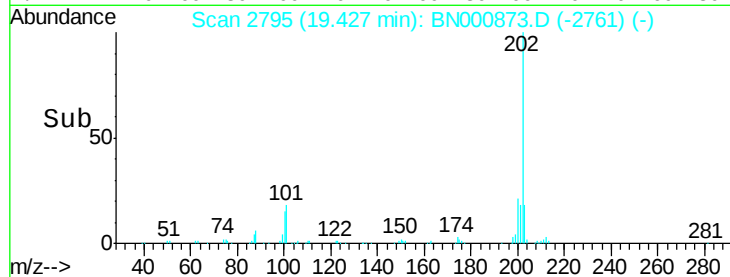
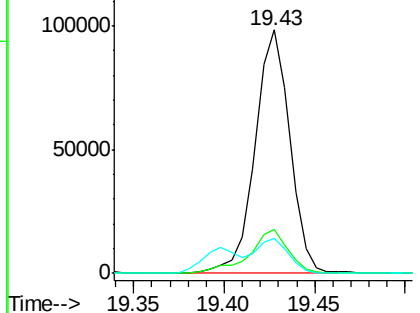
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#20

Benzo(a)anthracene

Concen: 2.542 ng/ul m

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BN000873.D

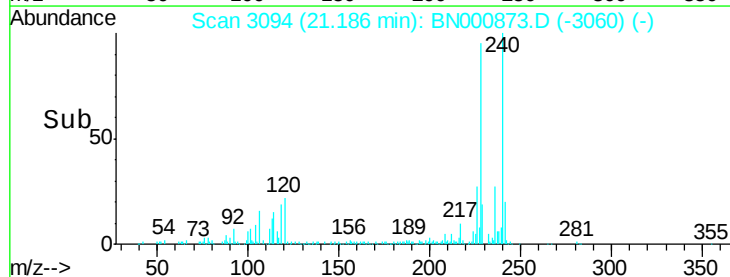
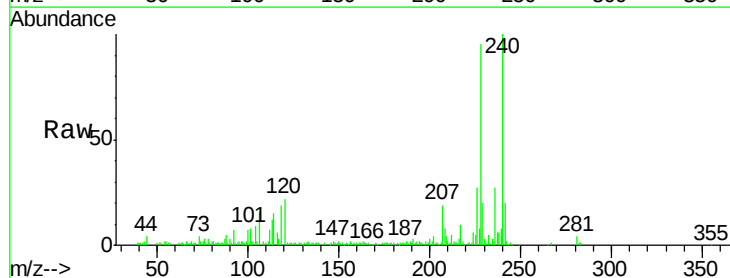
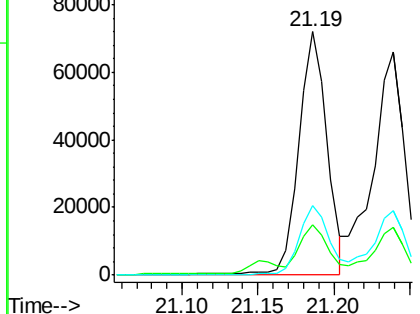
Acq: 25 Apr 2018 04:22

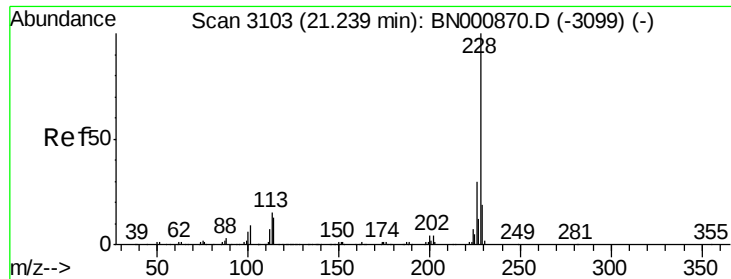
Tgt Ion:	228	Resp:	92666
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.7	23.5
226	28.5	21.1	31.7

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





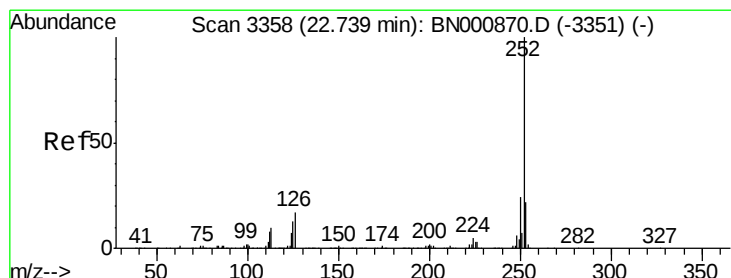
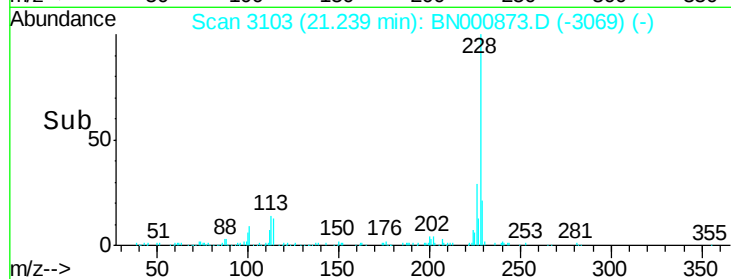
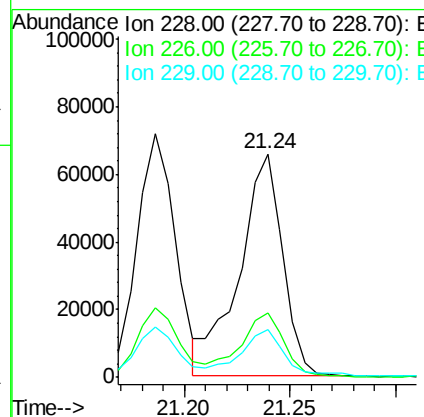
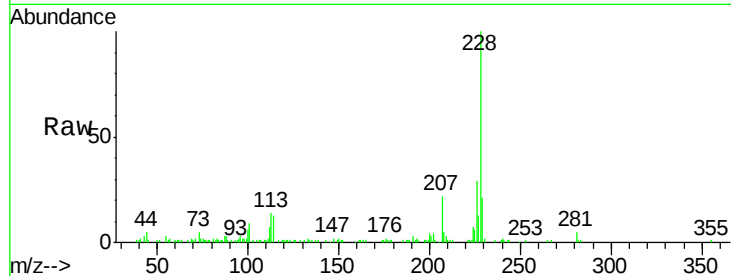
#21
Chrysene
Concen: 2.729 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BN000873.D
Acq: 25 Apr 2018 04:22

Instrument :
BNA_N
ClientSampled :
DAS48

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.5	36.7
229	21.4	15.8	23.8

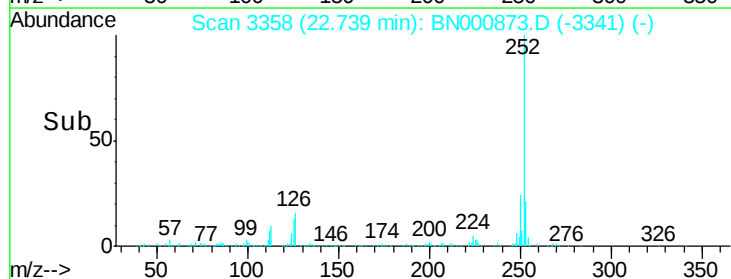
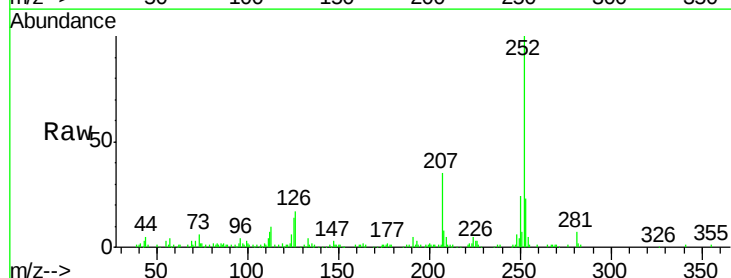
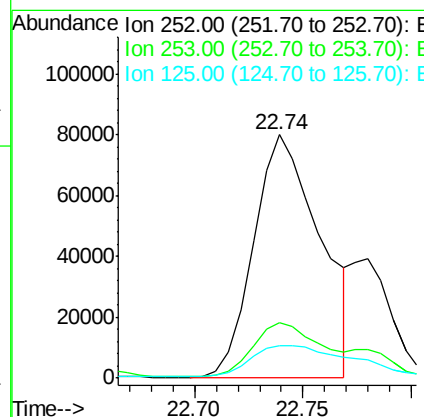
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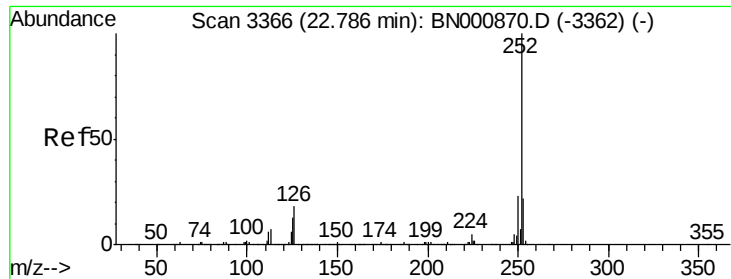
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#23
Benzo(b)fluoranthene
Concen: 4.530 ng/ul m
RT: 22.74 min Scan# 3358
Delta R.T. 0.00 min
Lab File: BN000873.D
Acq: 25 Apr 2018 04:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	13.5	8.0	12.0#





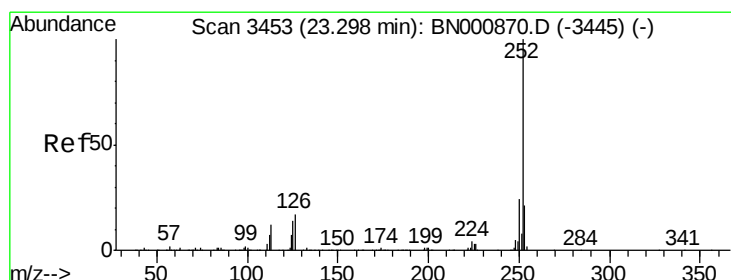
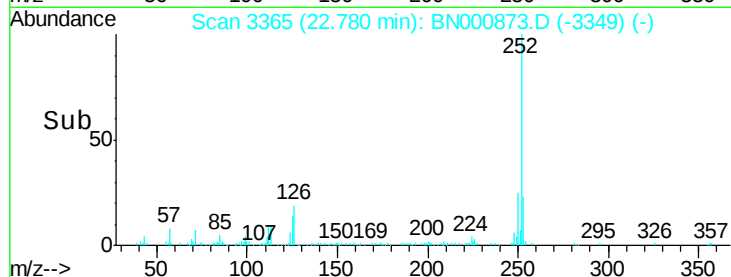
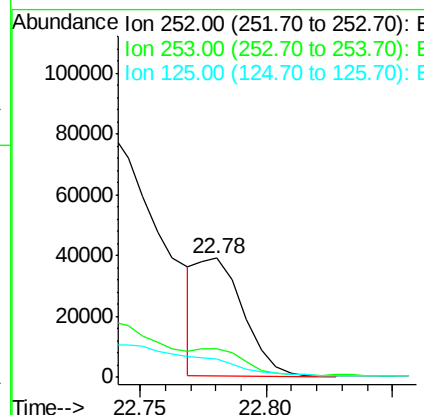
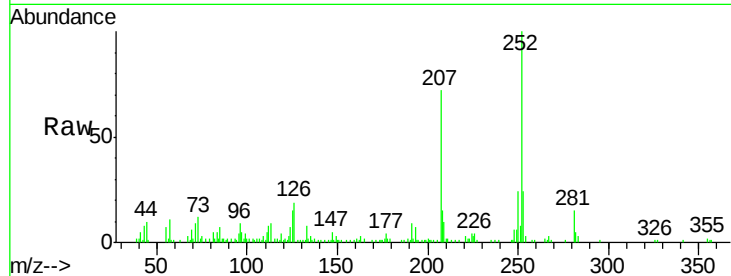
#24
Benzo(k)fluoranthene
Concen: 1.355 ng/ul m
RT: 22.78 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BN000873.D
Acq: 25 Apr 2018 04:22

Instrument :
BNA_N
ClientSampled :
DAS48

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.0	27.0
125	15.3	8.1	12.1

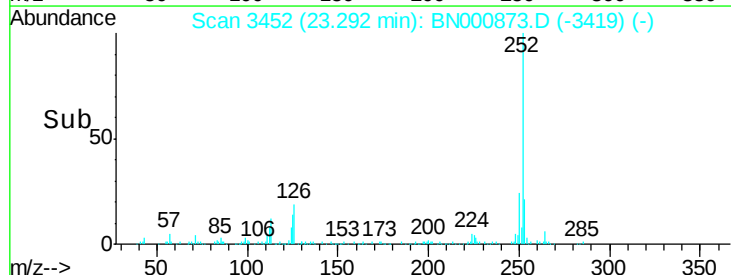
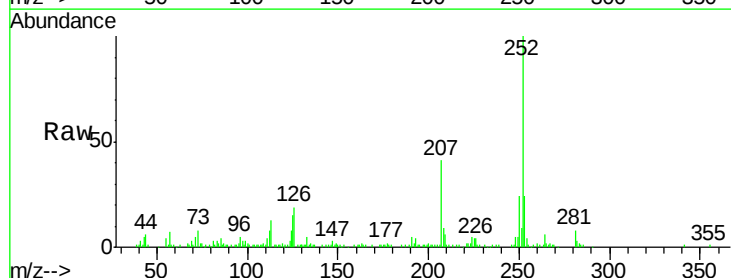
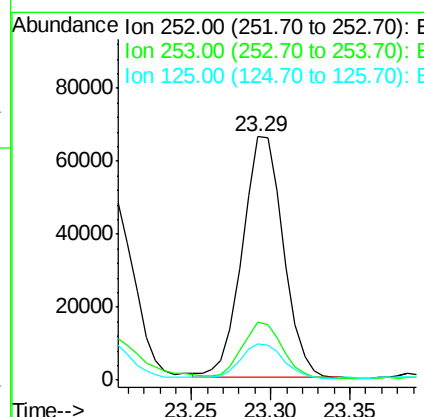
Manual Integrations
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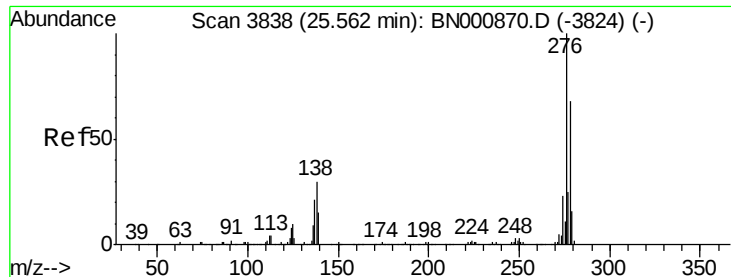
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#26
Benzo(a)pyrene
Concen: 3.327 ng/ul
RT: 23.29 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BN000873.D
Acq: 25 Apr 2018 04:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	14.8	8.2	12.4





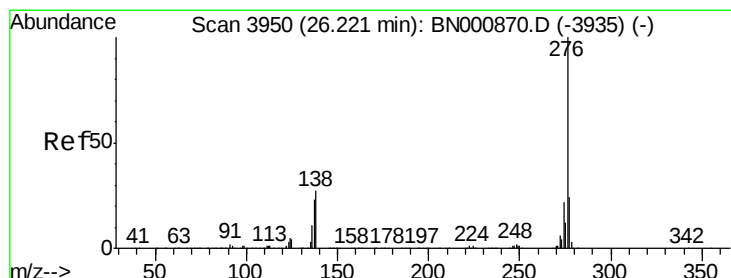
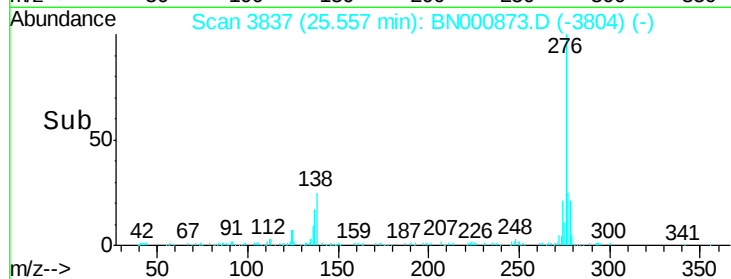
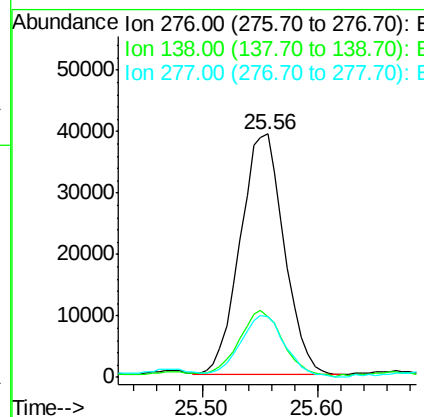
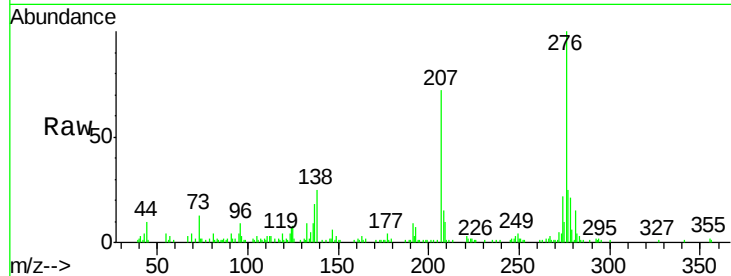
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 Indeno(1,2,3-cd)pyrene
 Concen: 2.405 ng/ul
 RT: 25.56 min Scan# 3837
 Delta R.T. -0.01 min
 Lab File: BN000873.D
 Acq: 25 Apr 2018 04:22

Instrument :
 BNA_N
 ClientSampled :
 DAS48

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	14.4	21.6#
277	25.0	18.0	27.0

Manual Integrations
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#29
 Benzo(g,h,i)perylene
 Concen: 3.055 ng/ul
 RT: 26.22 min Scan# 3949
 Delta R.T. -0.01 min
 Lab File: BN000873.D
 Acq: 25 Apr 2018 04:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	15.3	22.9#
277	24.3	19.0	28.4

