

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
 Data File : BN001080.D
 Acq On : 02 May 2018 20:44
 Operator : JU/SJ
 Sample : J2527-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS85

Manual Integrations
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Quant Time: May 03 08:35:29 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 03 08:25:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	134143	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	571555	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	280040	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	515949	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	428632	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	453828	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	505003	18.78	ng/ul	0.00
10) Fluorene-d10	15.25	176	336933	18.77	ng/ul	0.00
14) Anthracene-d10	17.10	188	444483	18.84	ng/ul	0.00
18) Pyrene-d10	19.40	212	428769	19.52	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	440087	20.53	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.05	178	210634	7.485	ng/ul	99
15) Anthracene	17.13	178	48055	1.703	ng/ul	97
16) Fluoranthene	19.07	202	379649	13.298	ng/ul#	93
19) Pyrene	19.44	202	319698	11.612	ng/ul#	91
20) Benzo(a)anthracene	21.20	228	199491	7.786	ng/ul	97
21) Chrysene	21.25	228	193839m	8.049	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	265200	10.283	ng/ul#	97
24) Benzo(k)fluoranthene	22.79	252	76290m	3.023	ng/ul	
26) Benzo(a)pyrene	23.32	252	164961	6.693	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.59	276	109320	3.672	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.59	278	29611	1.193	ng/ul#	76
29) Benzo(g,h,i)perylene	26.26	276	97944	3.934	ng/ul#	92

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

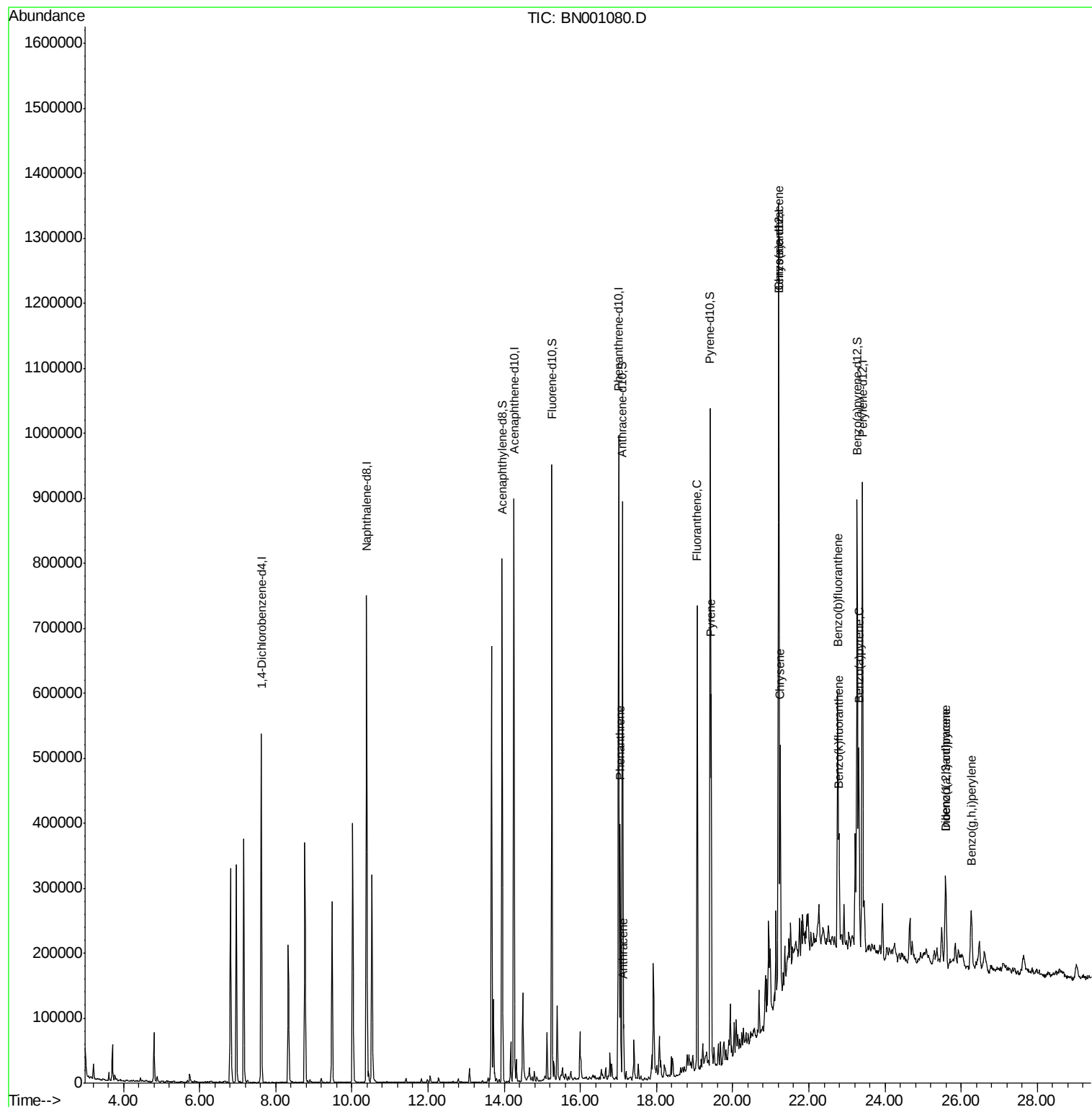
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
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ALS Vial : 20 Sample Multiplier: 1

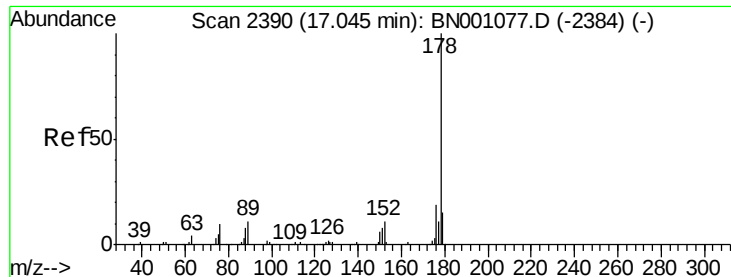
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
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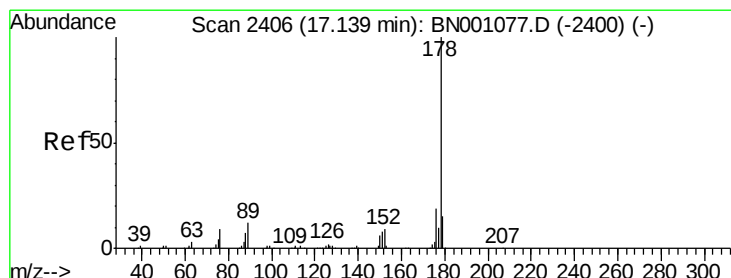
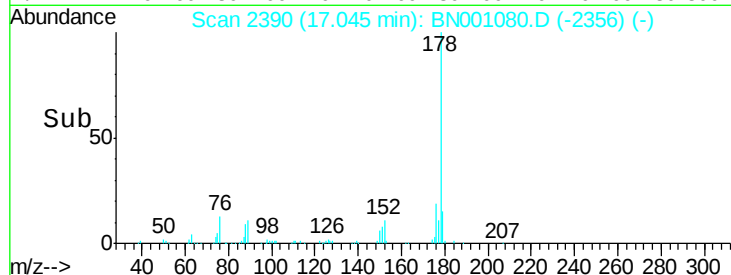
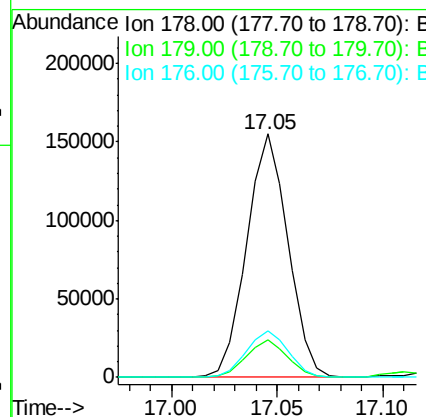
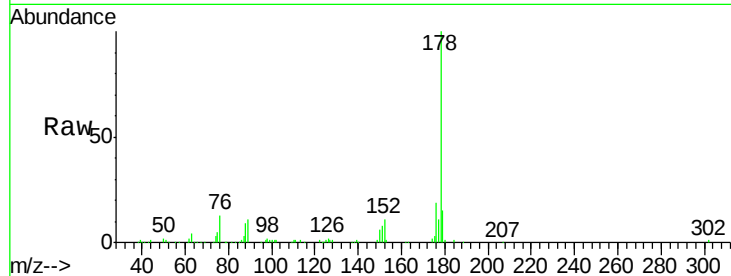
#13
Phenanthrene
Concen: 7.485 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BN001080.D
Acq: 02 May 2018 20:44

Instrument :
BNA_N
ClientSampled :
DAS85

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	19.3	15.1	22.7

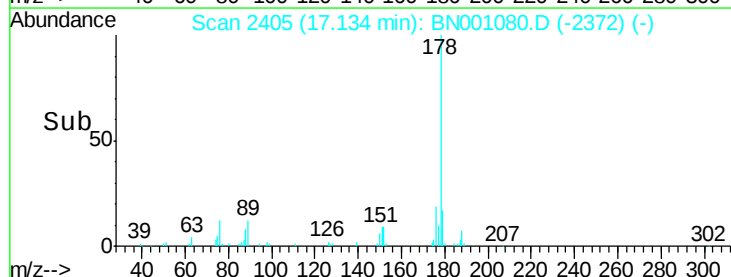
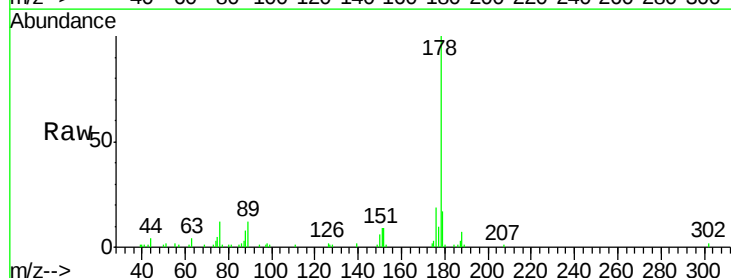
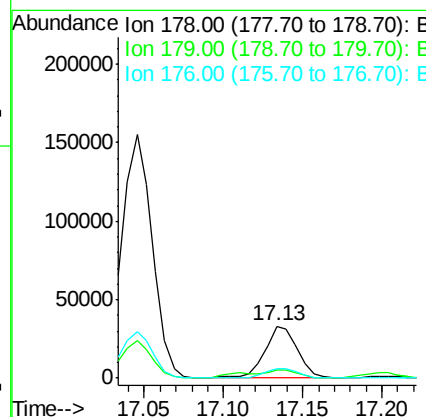
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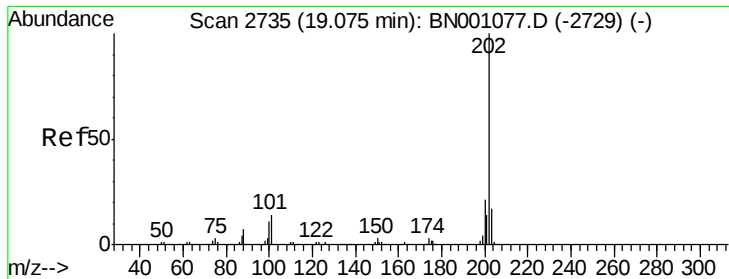
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#15
Anthracene
Concen: 1.703 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BN001080.D
Acq: 02 May 2018 20:44

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.6	11.8	17.8
176	18.5	15.2	22.8





#16

Fluoranthene

Concen: 13.298 ng/ul

RT: 19.07 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BN001080.D

Acq: 02 May 2018 20:44

Instrument :

BNA_N

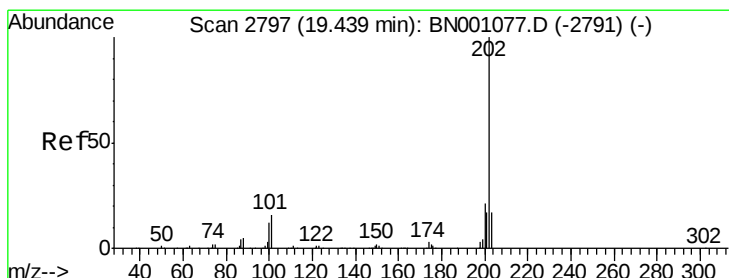
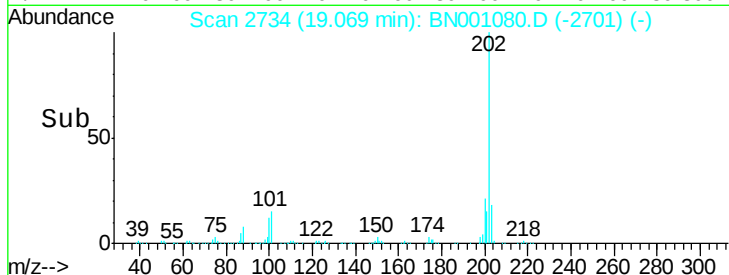
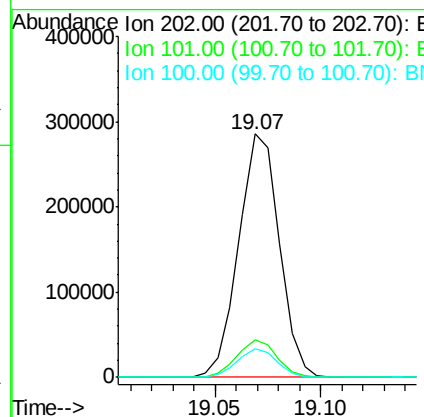
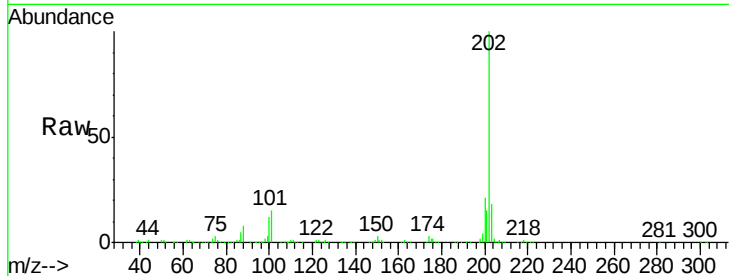
ClientSampled :

DAS85

Tot Ion:	202	Resp:	379649
Ion Ratio	Lower	Upper	
202	100		
101	15.3	9.9	14.9#
100	11.8	7.4	11.0#

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#19

Pyrene

Concen: 11.612 ng/ul

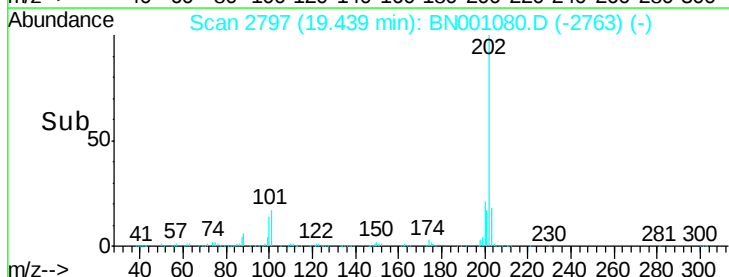
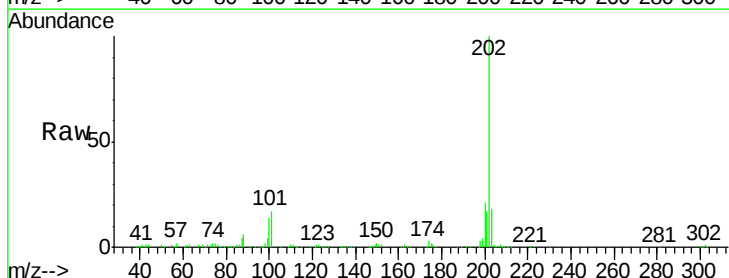
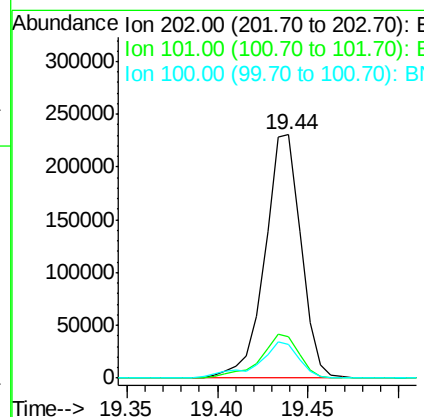
RT: 19.44 min Scan# 2797

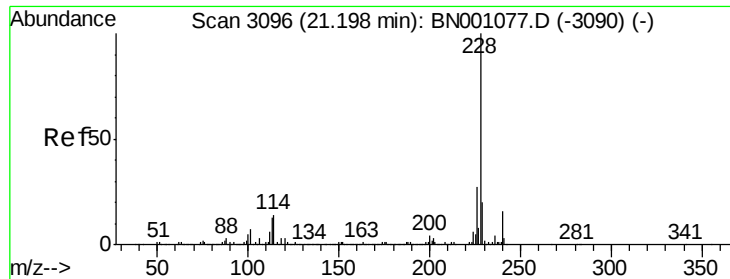
Delta R.T. 0.00 min

Lab File: BN001080.D

Acq: 02 May 2018 20:44

Tgt Ion:	202	Resp:	319698
Ion Ratio	Lower	Upper	
202	100		
101	16.9	11.0	16.4#
100	14.0	8.1	12.1#





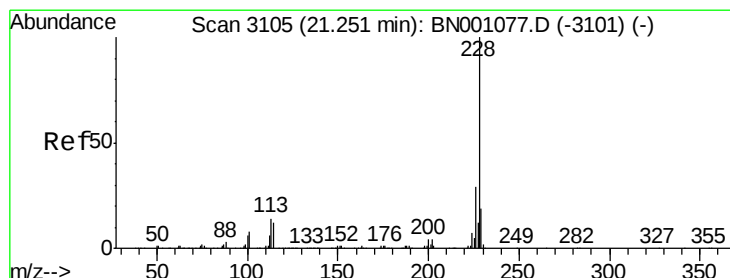
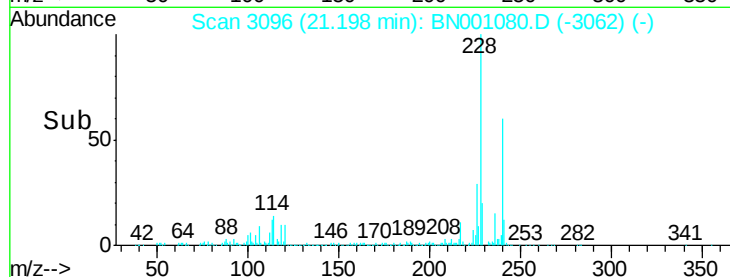
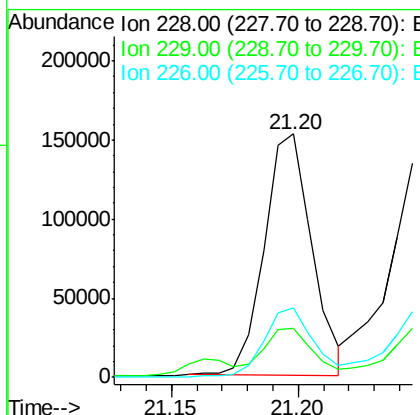
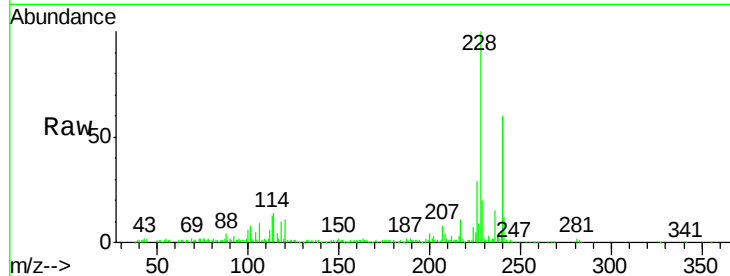
#20
Benzo(a)anthracene
Concen: 7.786 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BN001080.D
Acq: 02 May 2018 20:44

Instrument :
BNA_N
ClientSampleId :
DAS85

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.7	23.5
226	28.8	21.1	31.7

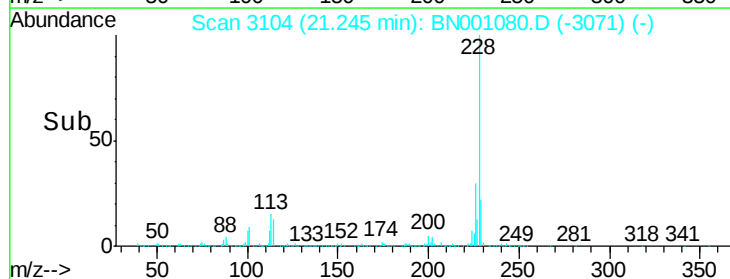
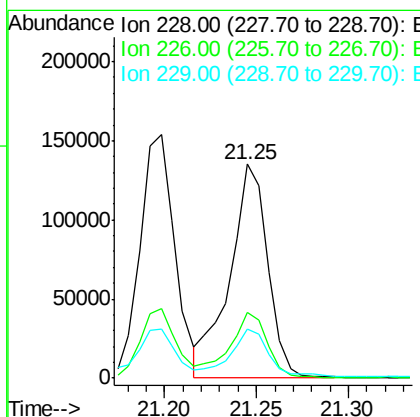
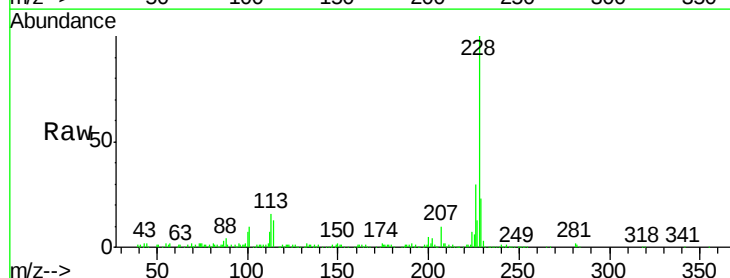
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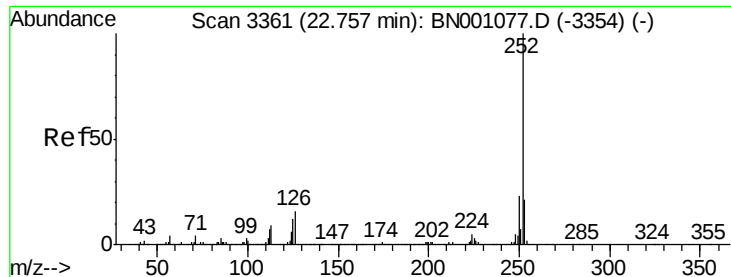
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#21
Chrysene
Concen: 8.049 ng/ul m
RT: 21.25 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BN001080.D
Acq: 02 May 2018 20:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	22.7	15.8	23.8





#23

Benzo(b)fluoranthene

Concen: 10.283 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. 0.00 min

Lab File: BN001080.D

Acq: 02 May 2018 20:44

Instrument :

BNA_N

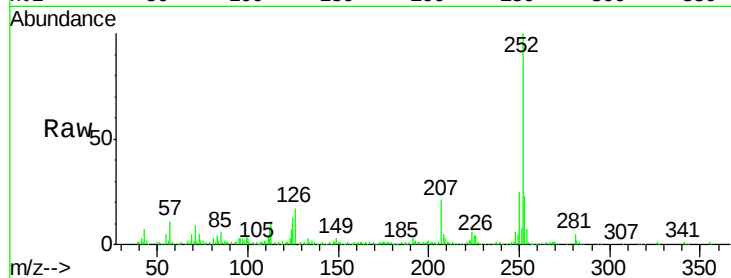
ClientSampleId :

DAS85

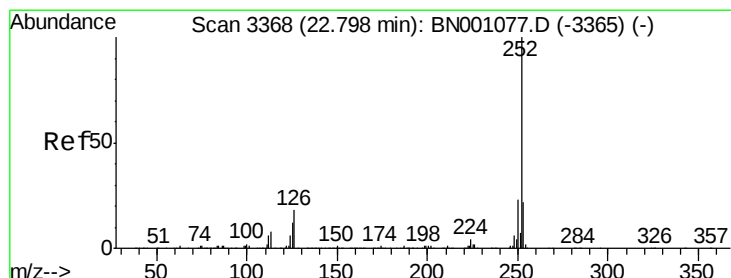
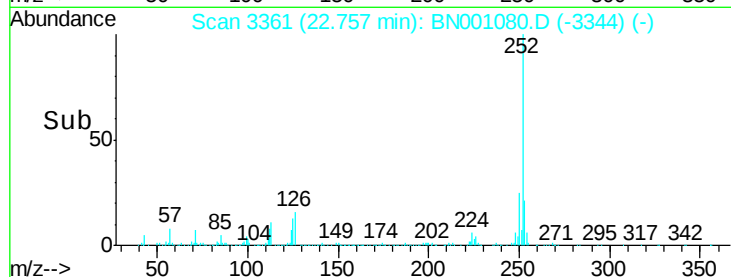
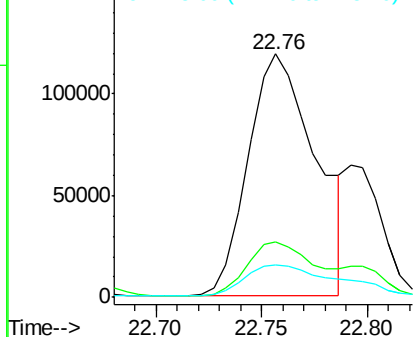
Tot Ion:	252	Resp:	265200
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.0	27.0
125	13.2	8.0	12.0#

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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



#24

Benzo(k)fluoranthene

Concen: 3.023 ng/ul m

RT: 22.79 min Scan# 3367

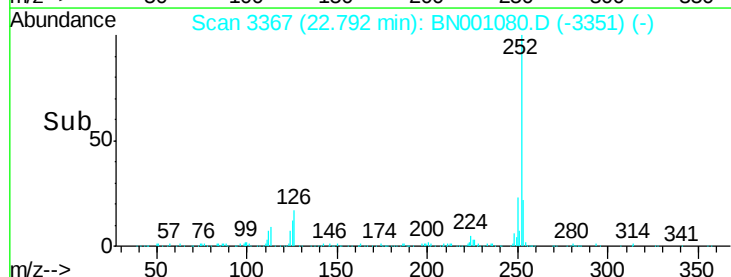
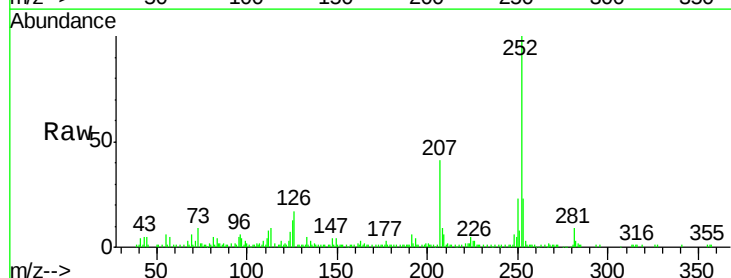
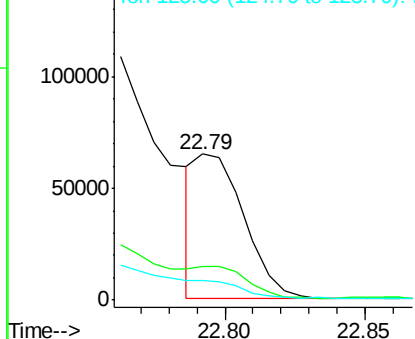
Delta R.T. -0.01 min

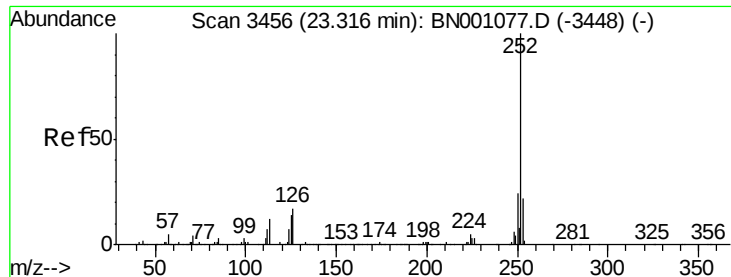
Lab File: BN001080.D

Acq: 02 May 2018 20:44

Tgt Ion:	252	Resp:	76290
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.0	27.0
125	13.1	8.1	12.1#

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





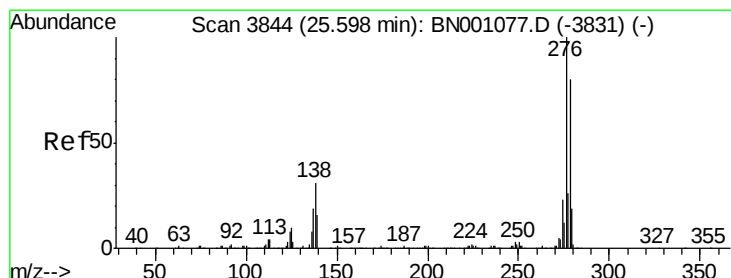
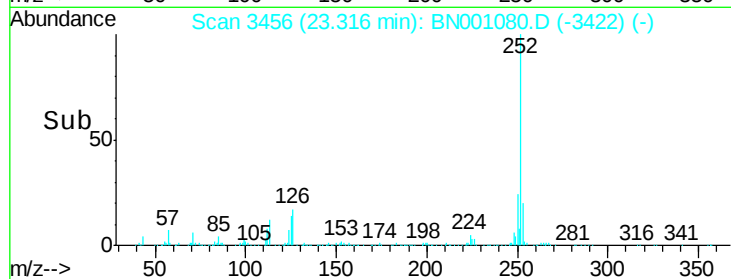
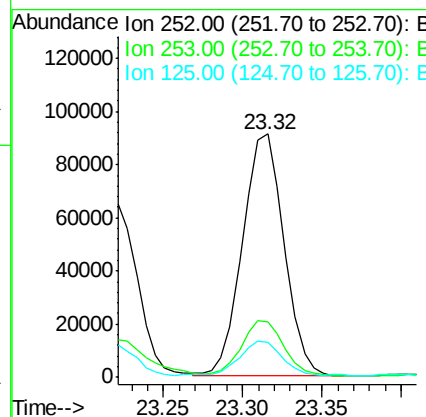
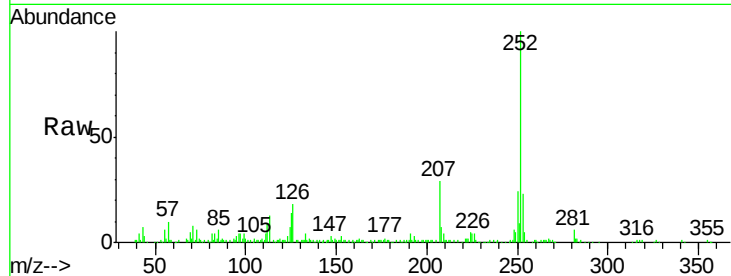
#26
Benzo(a)pyrene
Concen: 6.693 ng/u1
RT: 23.32 min Scan# 3456
Delta R.T. 0.00 min
Lab File: BN001080.D
Acq: 02 May 2018 20:44

Instrument :
BNA_N
ClientSampleId :
DAS85

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	14.5	8.2	12.4

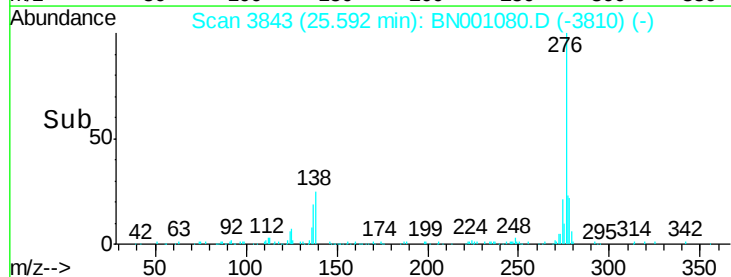
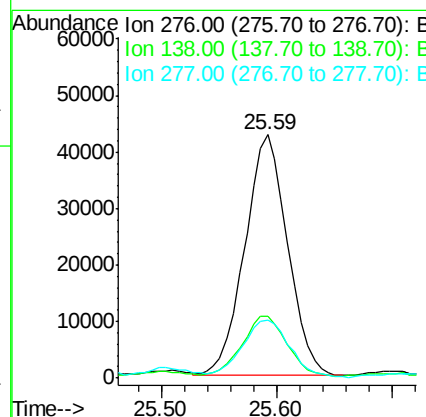
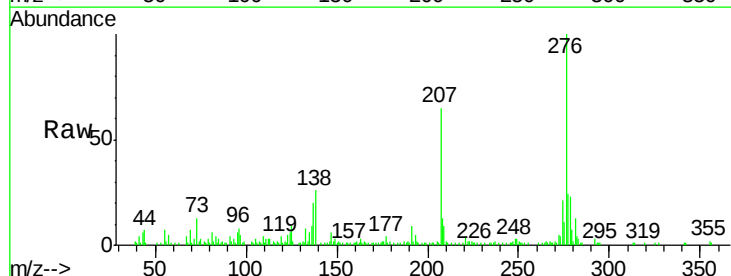
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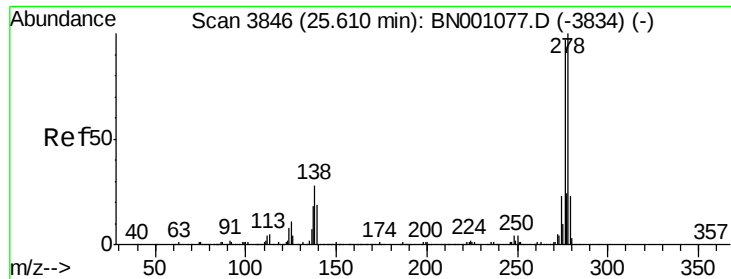
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#27
Indeno(1,2,3-cd)pyrene
Concen: 3.672 ng/u1
RT: 25.59 min Scan# 3843
Delta R.T. -0.01 min
Lab File: BN001080.D
Acq: 02 May 2018 20:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.7	14.4	21.6
277	23.9	18.0	27.0





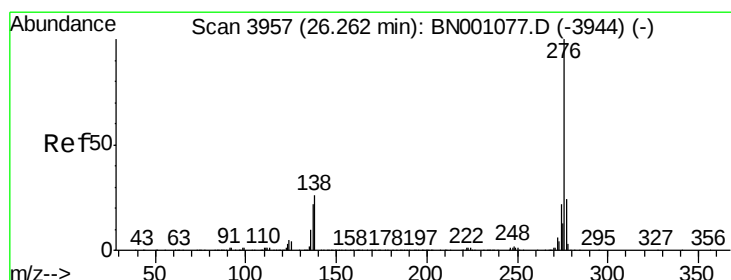
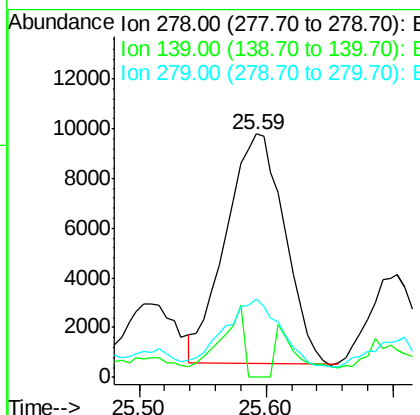
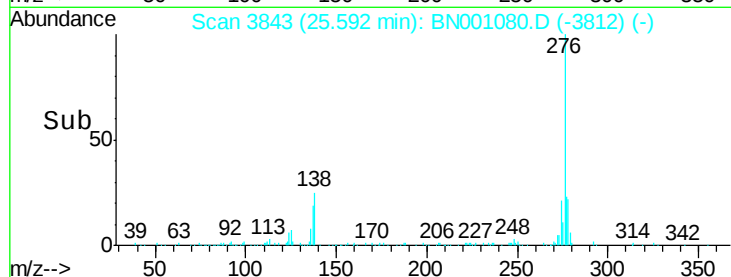
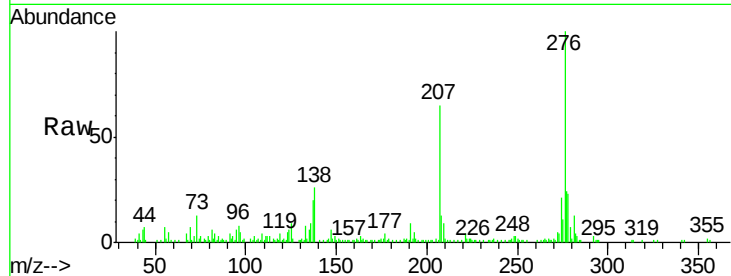
#28
Dibenzo(a,h)anthracene
Concen: 1.193 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. -0.02 min
Lab File: BN001080.D
Acq: 02 May 2018 20:44

Instrument :
BNA_N
ClientSampleId :
DAS85

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	32.2	19.2	28.8#

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#29
Benzo(g,h,i)perylene
Concen: 3.934 ng/ul
RT: 26.26 min Scan# 3957
Delta R.T. 0.00 min
Lab File: BN001080.D
Acq: 02 May 2018 20:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.7	15.3	22.9#
277	24.3	19.0	28.4

