

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
 Data File : BN000359.D
 Acq On : 13 Mar 2018 21:01
 Operator : JU/SJ
 Sample : J1845-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM94

Manual Integrations
 APPROVED

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Quant Time: Mar 14 08:37:37 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 14 08:11:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	195521	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	933303	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	534529	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1225484	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1200383	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1113657	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1669224	31.46	ng/ul	0.00
10) Fluorene-d10	16.05	176	1108448	30.85	ng/ul	0.00
14) Anthracene-d10	17.88	188	1816873	31.73	ng/ul	0.00
18) Pyrene-d10	20.13	212	2012184	34.26	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1619253	31.84	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.83	178	298697	4.250	ng/ul	99
15) Anthracene	17.92	178	75084	1.053	ng/ul	97
16) Fluoranthene	19.80	202	572309	7.537	ng/ul#	93
19) Pyrene	20.16	202	486369	6.418	ng/ul#	88
20) Benzo(a)anthracene	21.89	228	248528	3.330	ng/ul	98
21) Chrysene	21.94	228	244377m	3.451	ng/ul	
23) Benzo(b)fluoranthene	23.63	252	340046	5.121	ng/ul#	94
24) Benzo(k)fluoranthene	23.67	252	80409m	1.294	ng/ul	
26) Benzo(a)pyrene	24.28	252	209820	3.320	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.95	276	141272	2.073	ng/ul#	86
29) Benzo(g,h,i)perylene	27.74	276	149095	2.620	ng/ul#	86

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

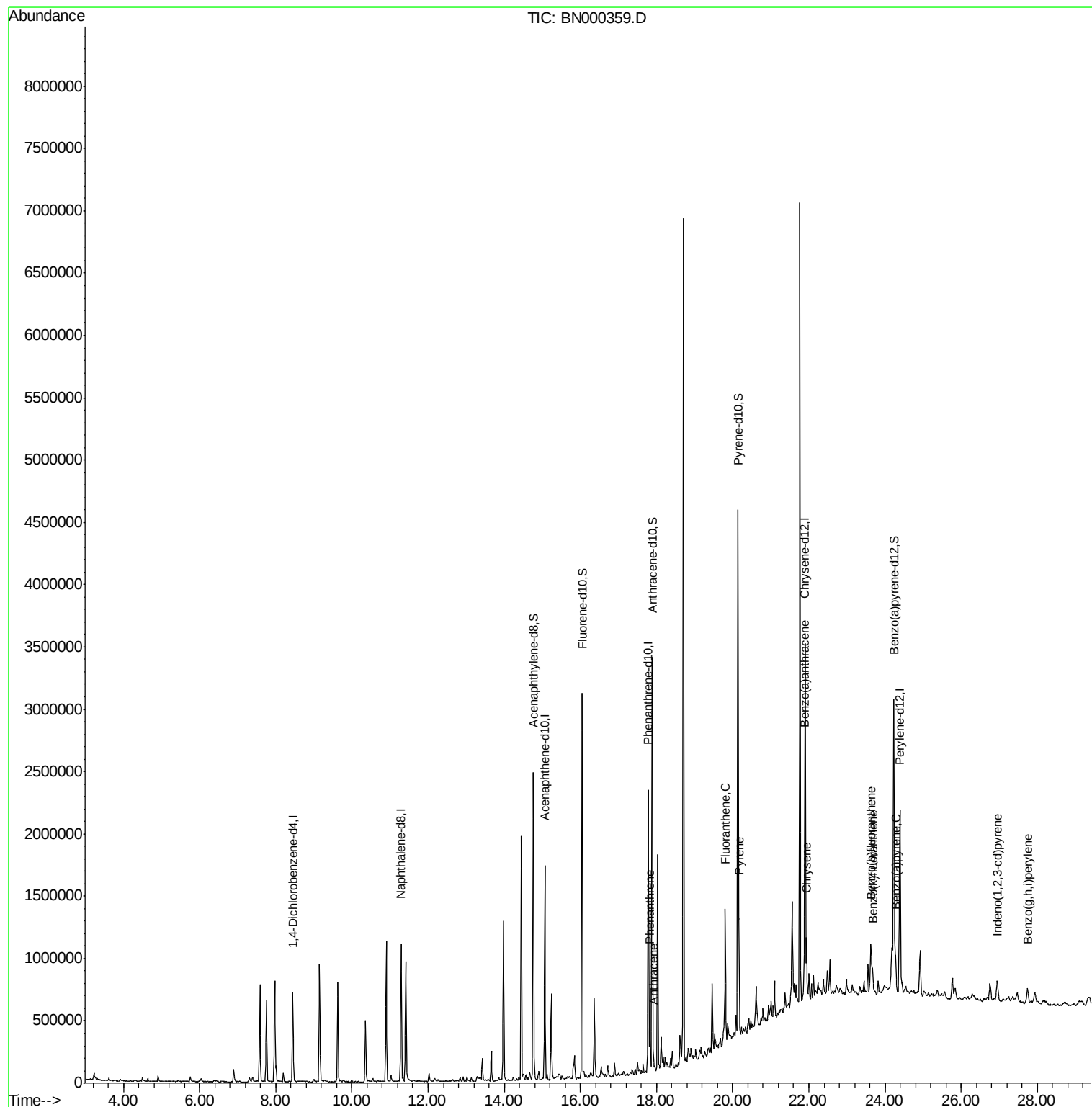
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
Data File : BN000359.D
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Sample : J1845-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

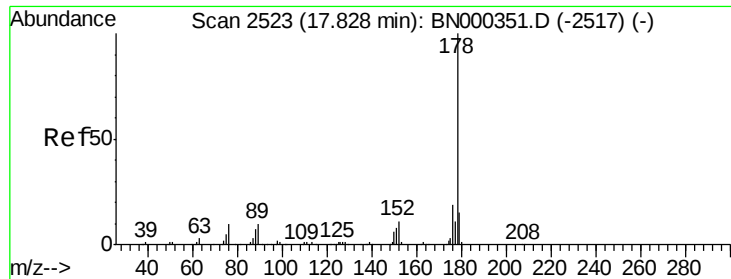
Instrument :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





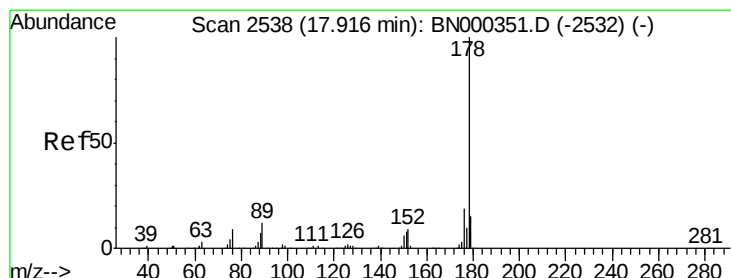
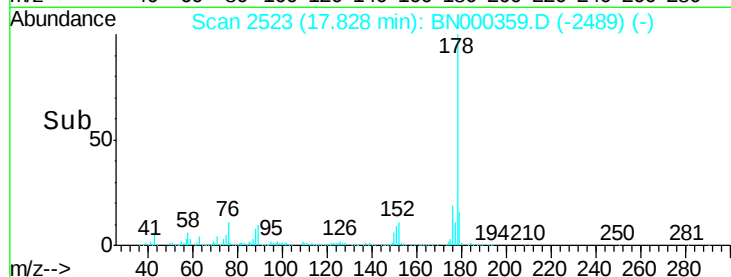
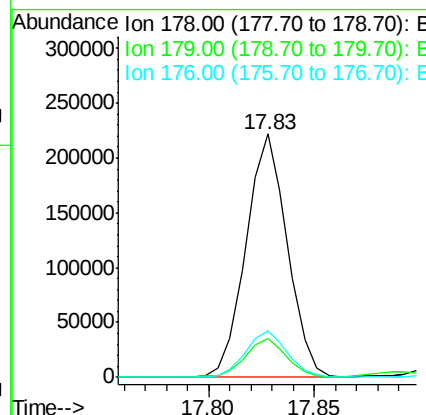
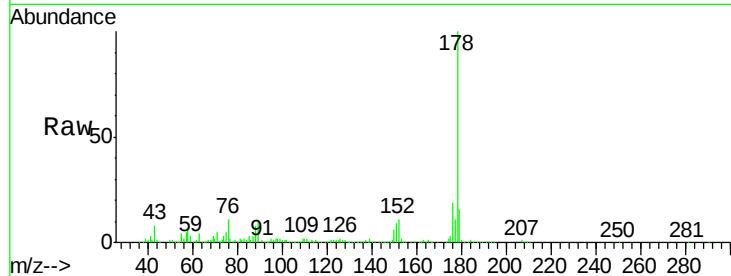
#13
Phenanthrene
Concen: 4.250 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000359.D
Acq: 13 Mar 2018 21:01

Instrument :
BNA_N
ClientSampleId :
DAM94

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	19.3	15.1	22.7

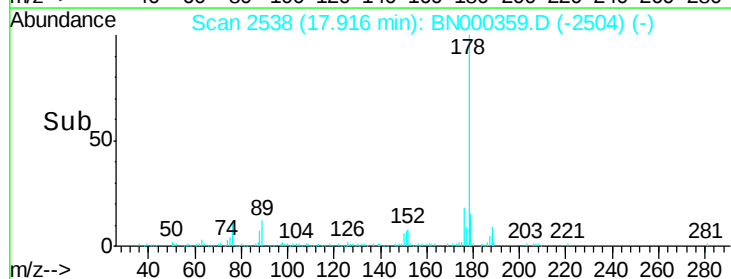
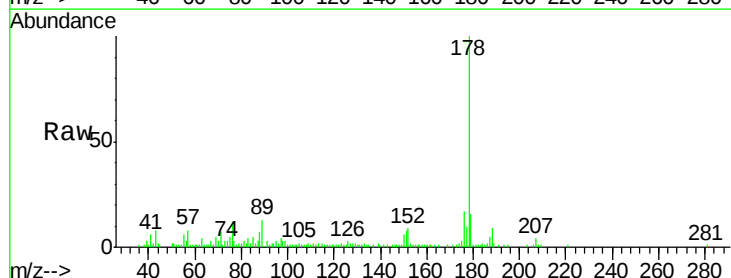
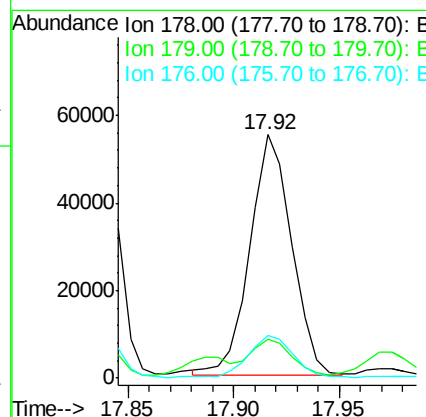
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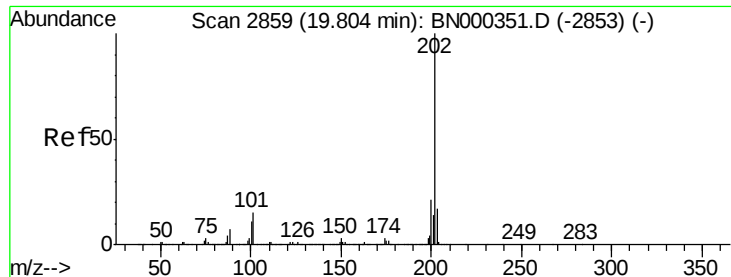
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#15
Anthracene
Concen: 1.053 ng/ul
RT: 17.92 min Scan# 2538
Delta R.T. 0.00 min
Lab File: BN000359.D
Acq: 13 Mar 2018 21:01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.8	17.8
176	17.5	15.2	22.8





#16

Fluoranthene

Concen: 7.537 ng/ul

RT: 19.80 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BN000359.D

Acq: 13 Mar 2018 21:01

Instrument :

BNA_N

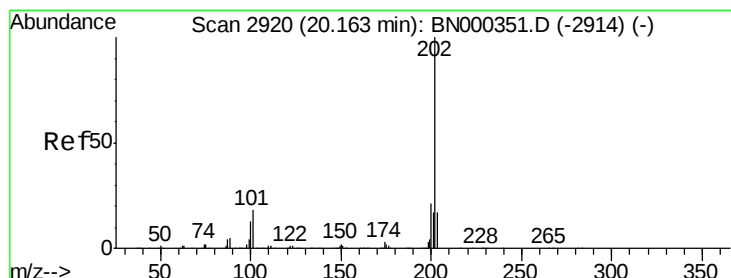
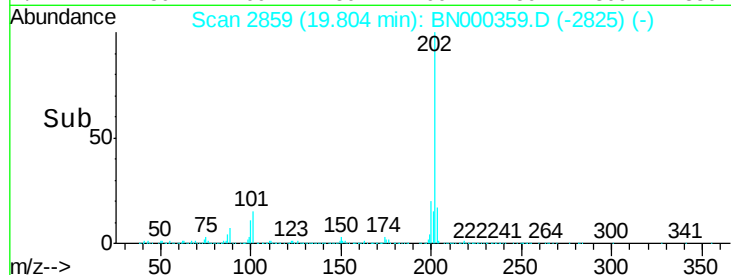
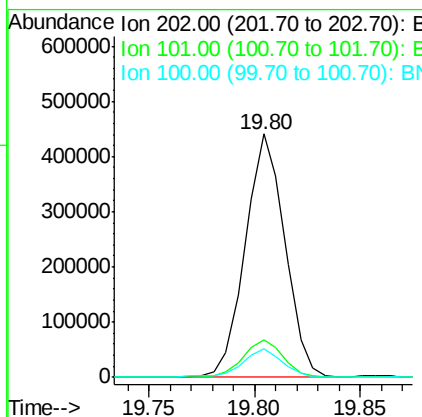
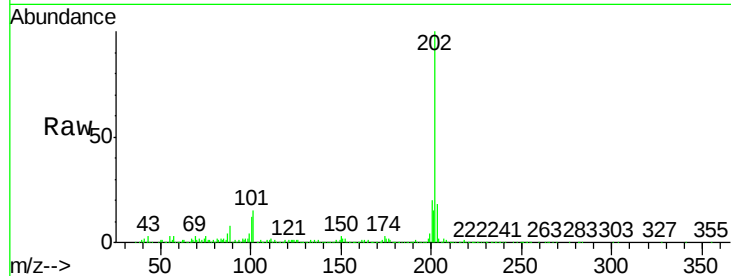
ClientSampled :

DAM94

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	15.4		9.9	14.9#	
100	11.5		7.4	11.0#	

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#19

Pyrene

Concen: 6.418 ng/ul

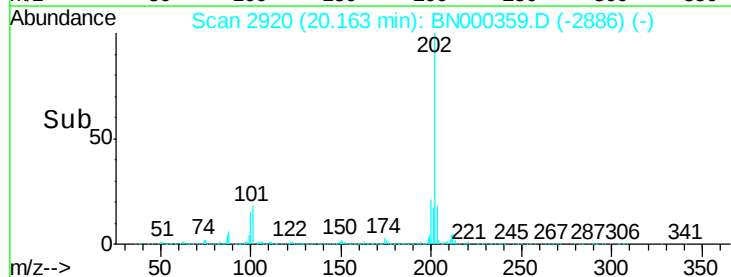
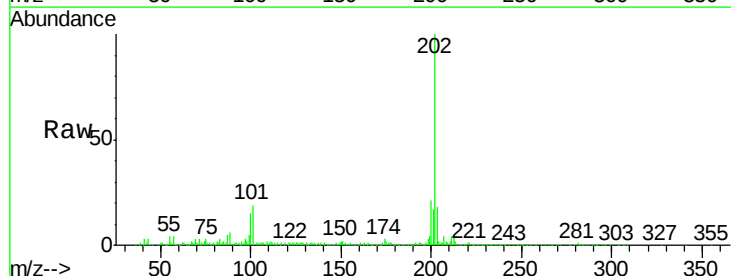
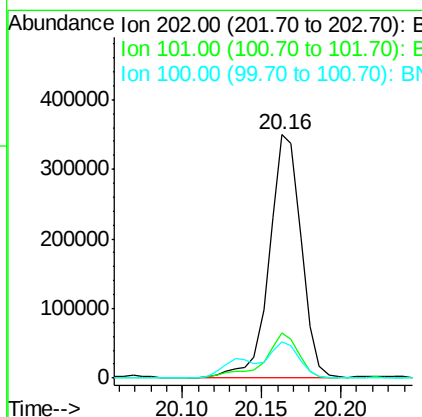
RT: 20.16 min Scan# 2920

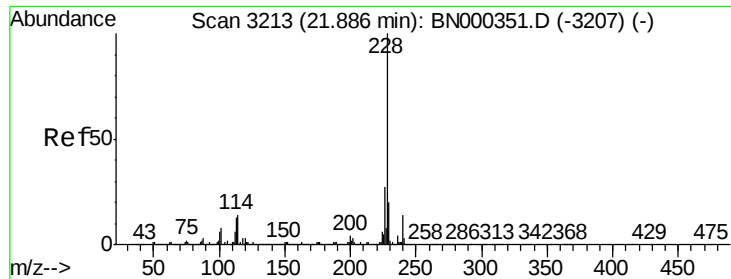
Delta R.T. -0.00 min

Lab File: BN000359.D

Acq: 13 Mar 2018 21:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	18.5		11.0	16.4#	
100	15.0		8.1	12.1#	





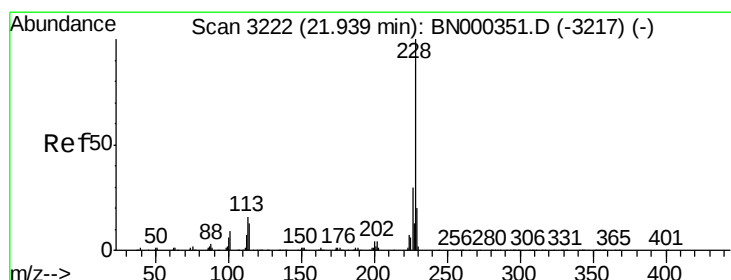
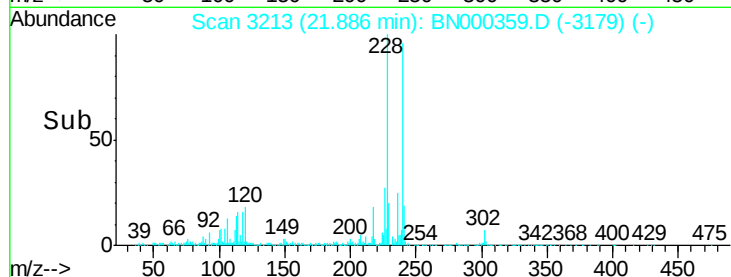
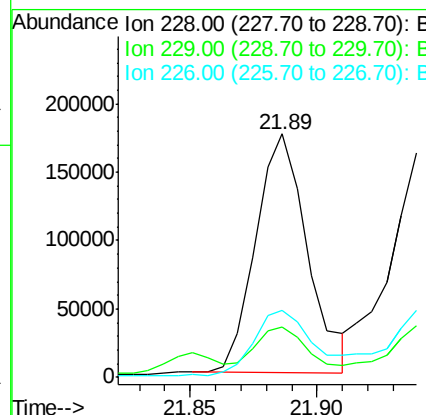
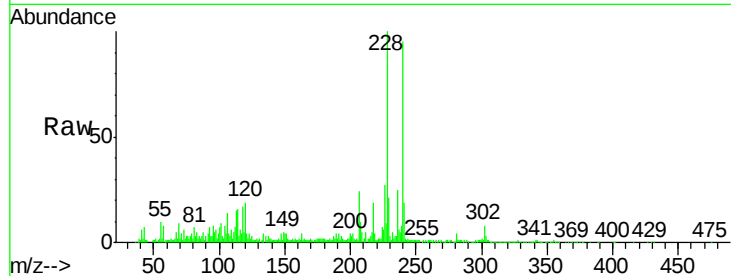
#20
Benzo(a)anthracene
Concen: 3.330 ng/ul
RT: 21.89 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BN000359.D
Acq: 13 Mar 2018 21:01

Instrument :
BNA_N
ClientSampleId :
DAM94

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.7	23.5
226	27.3	21.1	31.7

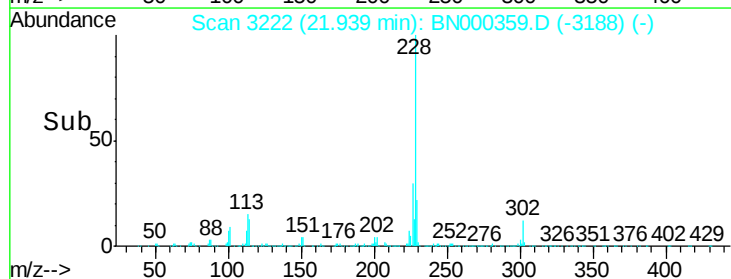
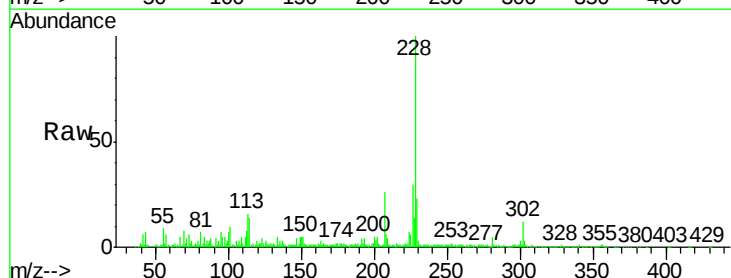
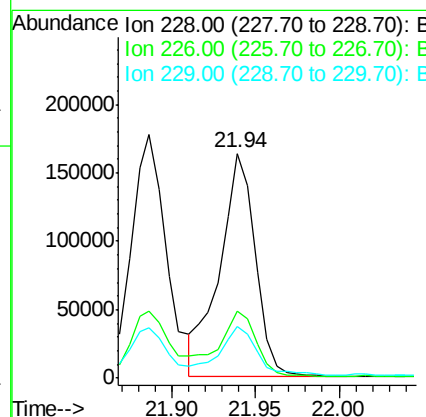
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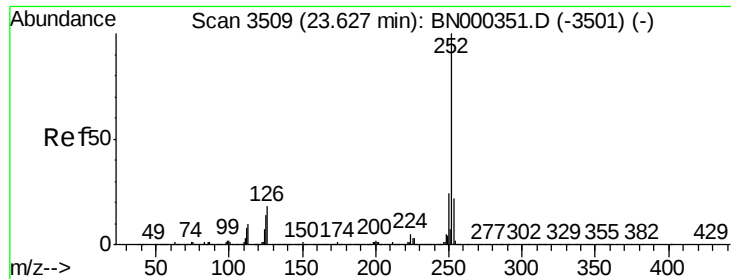
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#21
Chrysene
Concen: 3.451 ng/ul m
RT: 21.94 min Scan# 3222
Delta R.T. 0.00 min
Lab File: BN000359.D
Acq: 13 Mar 2018 21:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.5	36.7
229	23.1	15.8	23.8





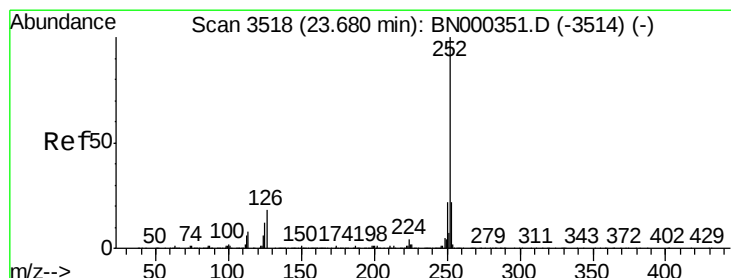
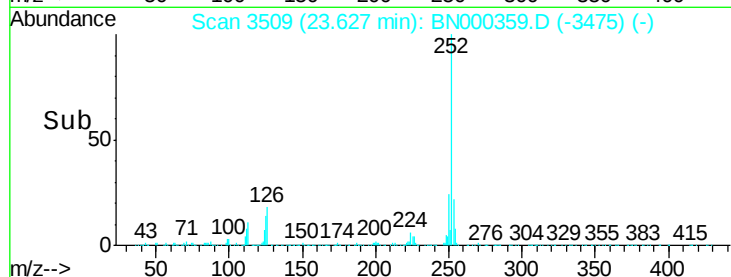
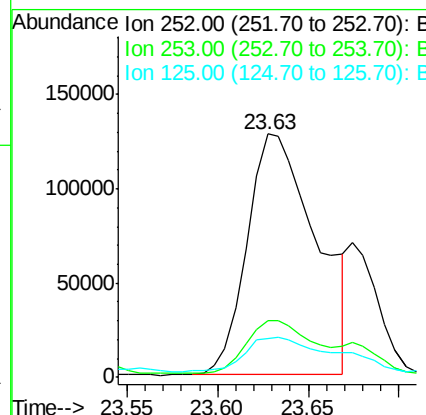
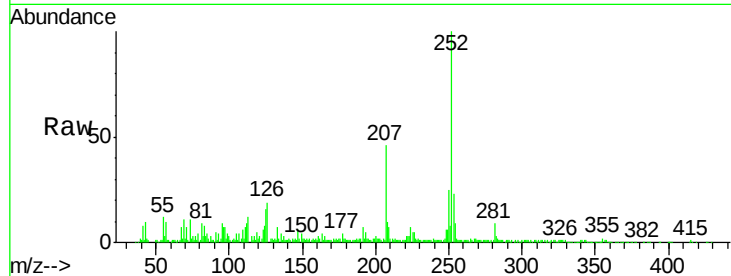
#23
Benzo(b)fluoranthene
Concen: 5.121 ng/ul
RT: 23.63 min Scan# 3509
Delta R.T. -0.00 min
Lab File: BN000359.D
Acq: 13 Mar 2018 21:01

Instrument :
BNA_N
ClientSampleId :
DAM94

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	16.2	8.0	12.0

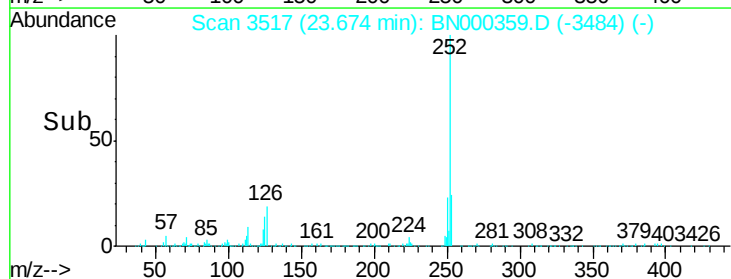
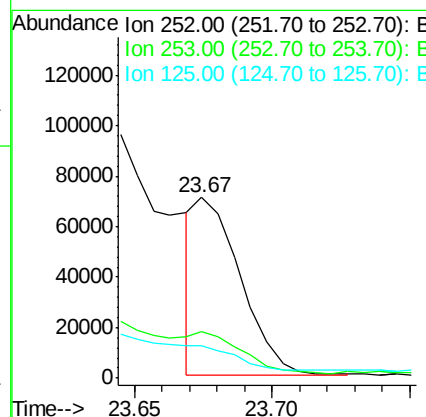
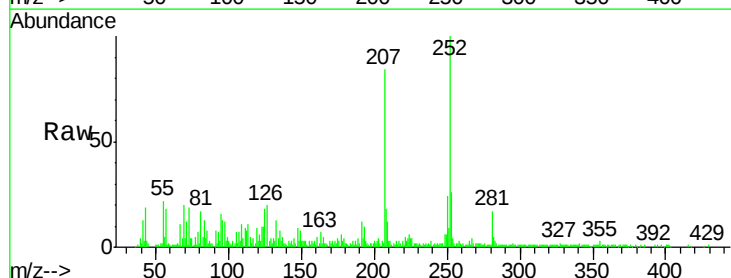
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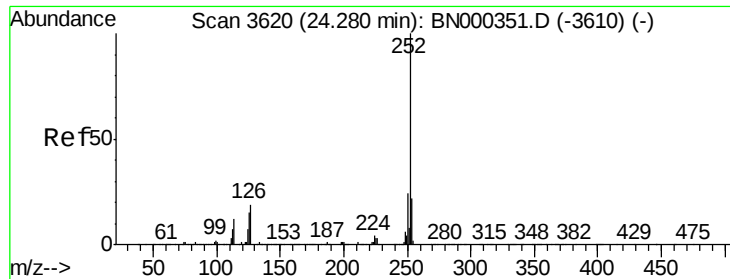
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#24
Benzo(k)fluoranthene
Concen: 1.294 ng/ul m
RT: 23.67 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BN000359.D
Acq: 13 Mar 2018 21:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.0	27.0
125	18.0	8.1	12.1





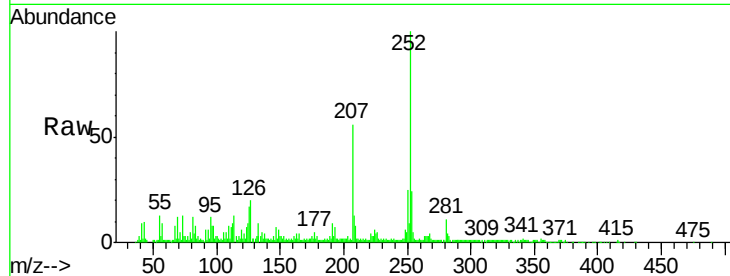
#26
Benzo(a)pyrene
Concen: 3.320 ng/ul
RT: 24.28 min Scan# 3620
Delta R.T. -0.00 min
Lab File: BN000359.D
Acq: 13 Mar 2018 21:01

Instrument :
BNA_N
ClientSampled :
DAM94

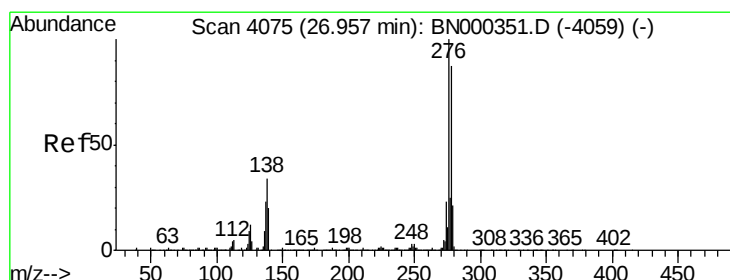
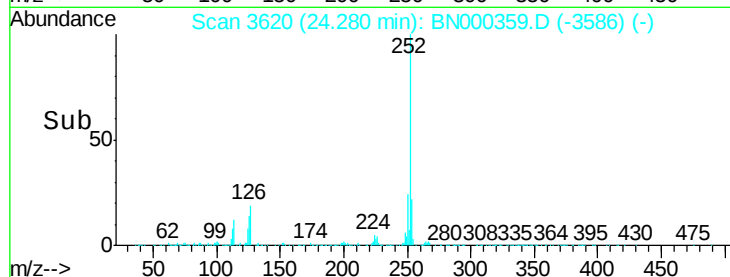
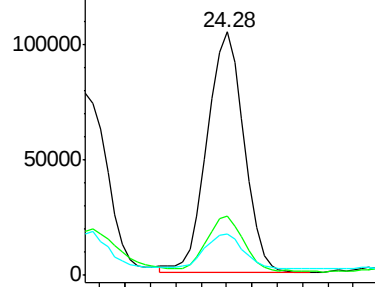
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	17.2	8.2	12.4

Manual Integrations
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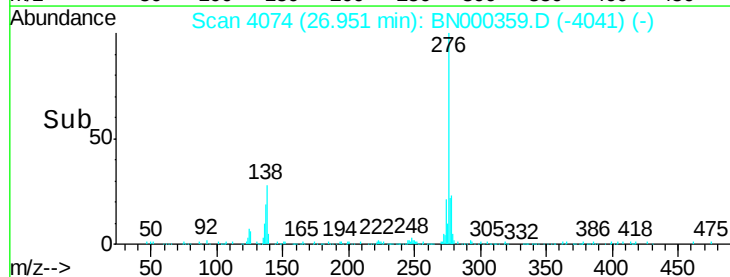
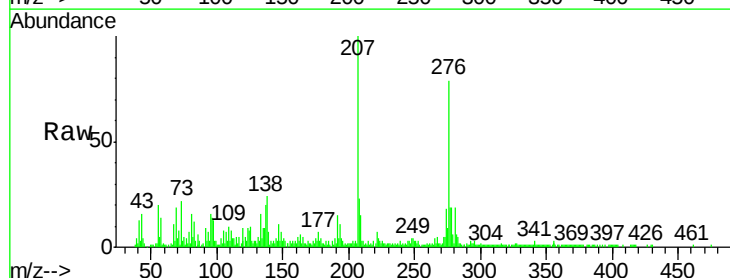
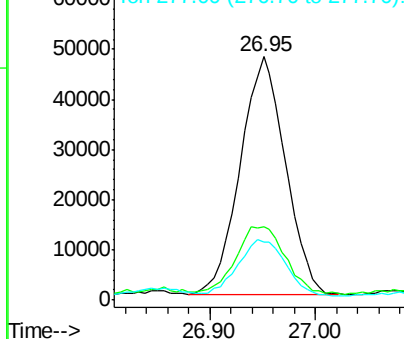
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Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

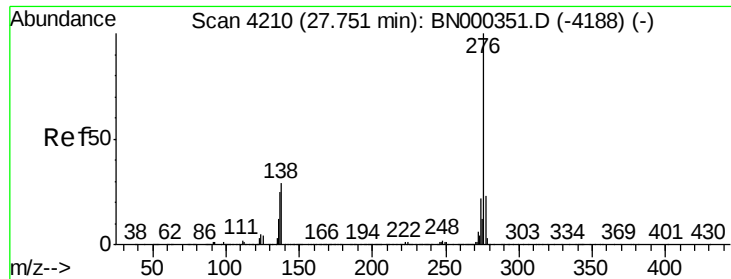


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.073 ng/ul
RT: 26.95 min Scan# 4074
Delta R.T. -0.01 min
Lab File: BN000359.D
Acq: 13 Mar 2018 21:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.2	14.4	21.6
277	24.0	18.0	27.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#29

Benzo(a,h,i)perylene

Concen: 2.620 ng/ul

RT: 27.74 min Scan# 4209

Delta R.T. -0.01 min

Lab File: BN000359.D

Acq: 13 Mar 2018 21:01

Instrument :

BNA_N

ClientSampled :

DAM94

Tot Ion:	276	Resp:	149095
Ion Ratio	Lower	Upper	
276	100		
138	31.4	15.3	22.9#
277	25.6	19.0	28.4

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