

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
 Data File : BN000353.D
 Acq On : 13 Mar 2018 17:34
 Operator : JU/SJ
 Sample : J1845-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM91MSD

Manual Integrations
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Quant Time: Mar 14 08:22:06 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	154644	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	754469	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	436996	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1019661	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1168761	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1120061	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	14.76	160	1853795	42.74	ng/ul	0.00
10) Fluorene-d10	16.05	176	1239551	42.20	ng/ul	0.00
14) Anthracene-d10	17.88	188	2019132	42.38	ng/ul	0.00
18) Pyrene-d10	20.14	212	2399695	41.97	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	2176393	42.55	ng/ul	0.00

Target Compounds

					Ovalue	
8) Acenaphthylene	14.79	152	87647	2.011	ng/ul	97
9) Acenaphthene	15.13	153	1255050	41.373	ng/ul	96
13) Phenanthrene	17.83	178	99989	1.710	ng/ul	99
15) Anthracene	17.92	178	62289	1.050	ng/ul	97
16) Fluoranthene	19.80	202	553396	8.759	ng/ul#	94
19) Pyrene	20.17	202	3521212	47.719	ng/ul#	90
20) Benzo(a)anthracene	21.89	228	327907	4.513	ng/ul	96
21) Chrysene	21.94	228	302903	4.393	ng/ul	97
23) Benzo(b)fluoranthene	23.63	252	411841	6.166	ng/ul#	95
24) Benzo(k)fluoranthene	23.67	252	127319m	2.036	ng/ul	
26) Benzo(a)pyrene	24.28	252	258142	4.061	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.94	276	166173	2.425	ng/ul#	87
29) Benzo(a,h,i)perylene	27.74	276	157210	2.747	ng/ul#	88

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

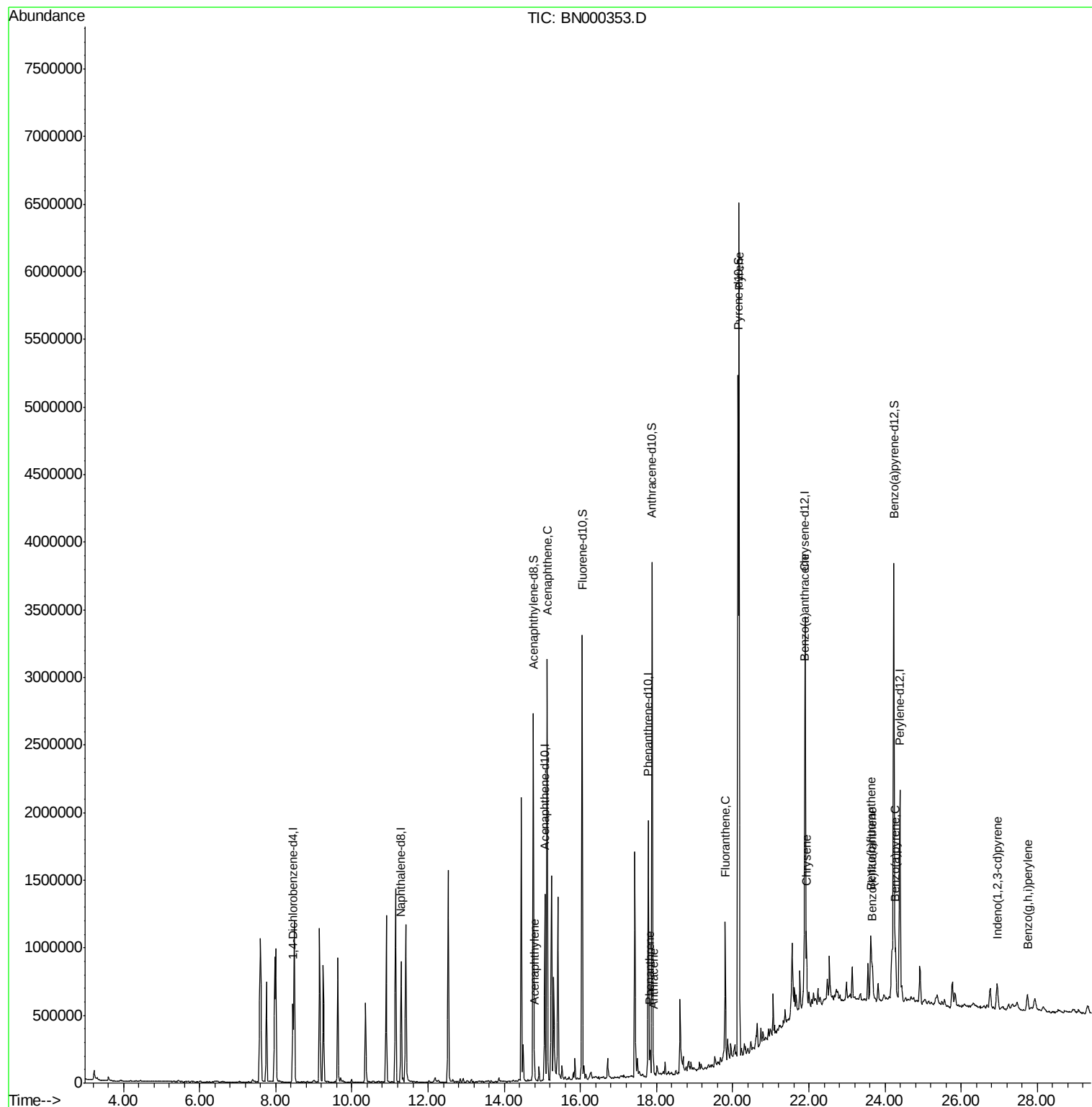
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
Data File : BN000353.D
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ALS Vial : 16 Sample Multiplier: 1

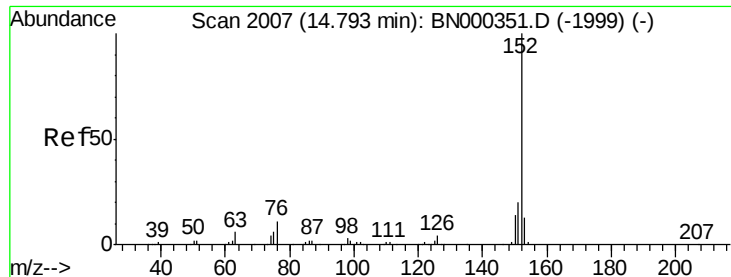
Instrument :
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Quant Time: Mar 14 08:22:06 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 08:11:44 2018
Response via : Initial Calibration





#8

Acenaphthylene

Concen: 2.011 ng/ul

RT: 14.79 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BN000353.D

Acq: 13 Mar 2018 17:34

Instrument :

BNA_N

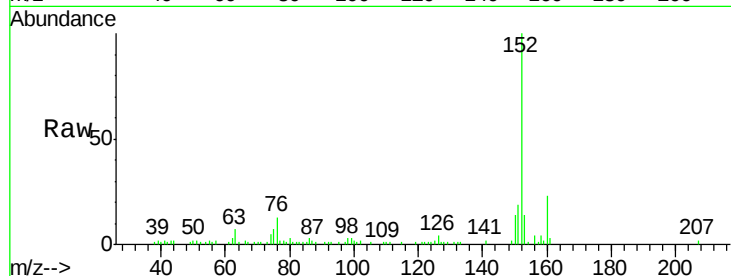
ClientSampleId :

DAM91MSD

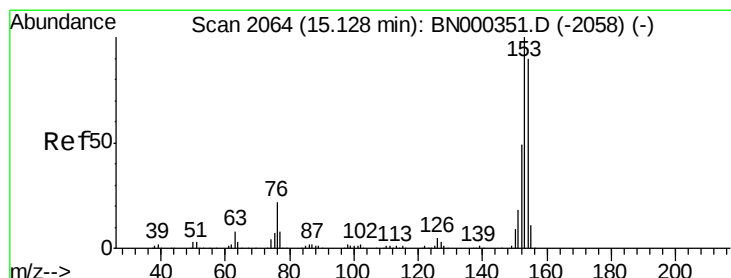
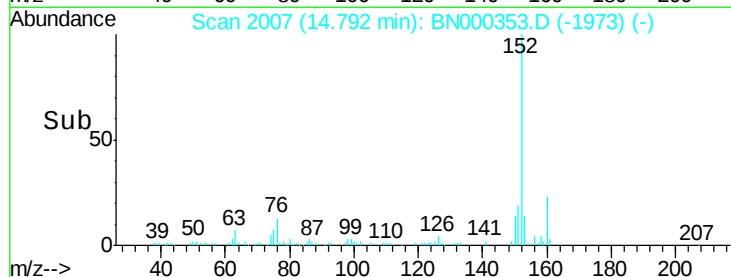
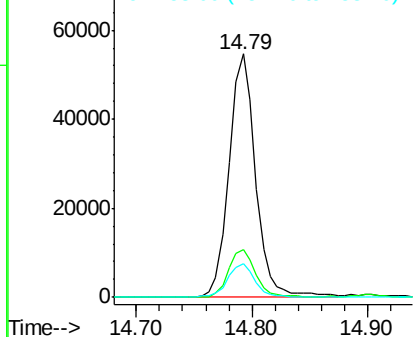
Tot Ion:	152	Resp:	87647
Ion Ratio	Lower	Upper	
152	100		
151	19.4	16.7	25.1
153	14.0	10.2	15.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#9

Acenaphthene

Concen: 41.373 ng/ul

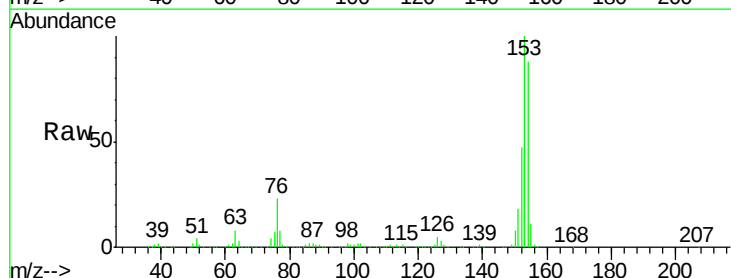
RT: 15.13 min Scan# 2064

Delta R.T. -0.00 min

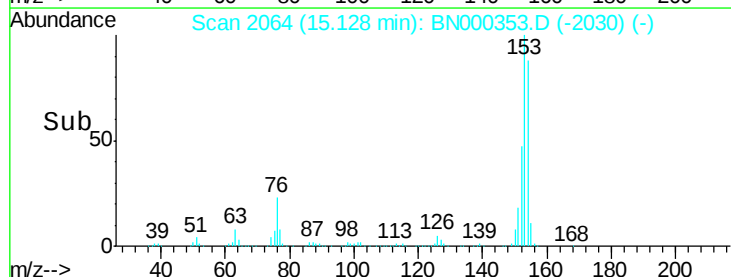
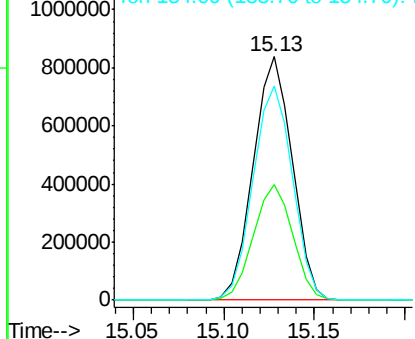
Lab File: BN000353.D

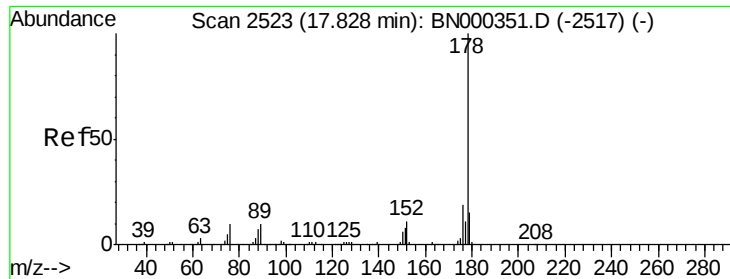
Acq: 13 Mar 2018 17:34

Tgt Ion:	153	Resp:	1255050
Ion Ratio	Lower	Upper	
153	100		
152	47.3	39.0	58.6
154	88.1	66.8	100.2



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





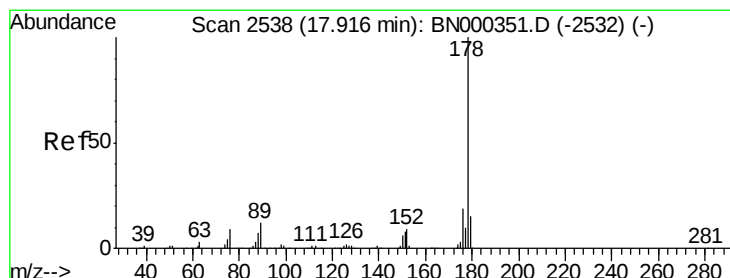
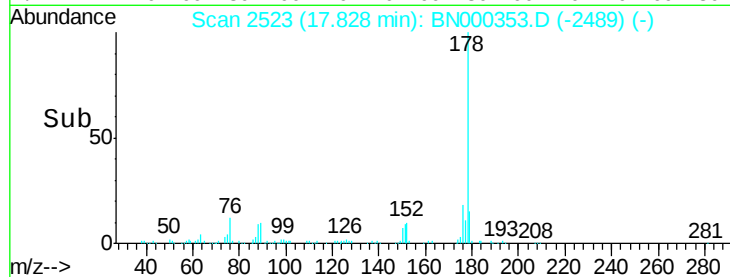
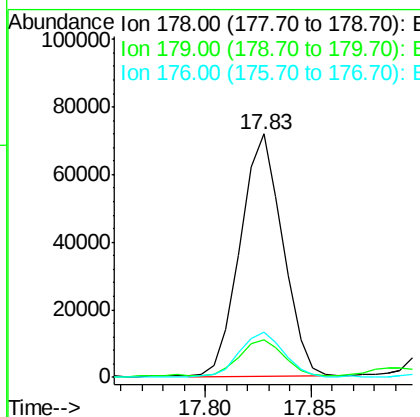
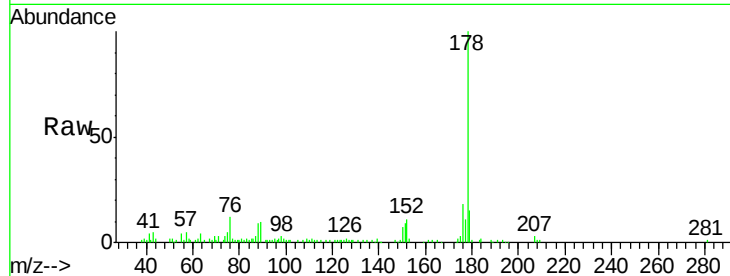
#13
Phenanthrene
Concen: 1.710 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000353.D
Acq: 13 Mar 2018 17:34

Instrument :
BNA_N
ClientSampleId :
DAM91MSD

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.4	15.1	22.7

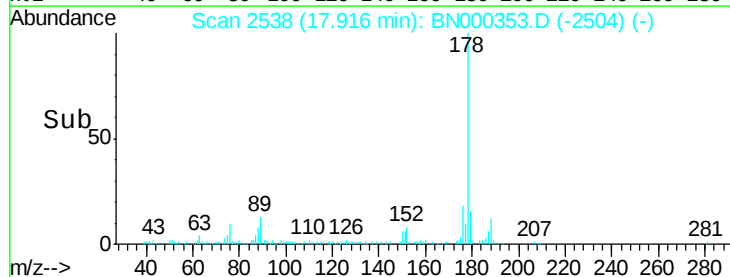
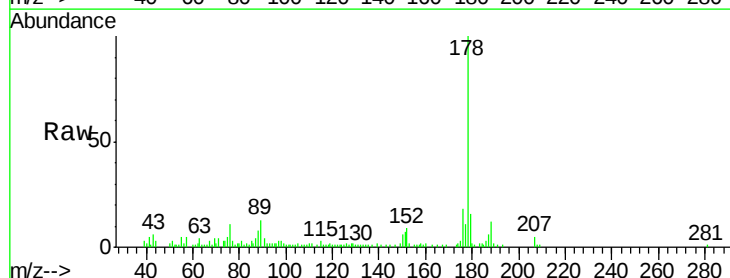
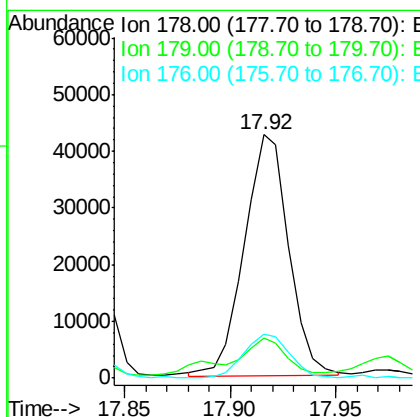
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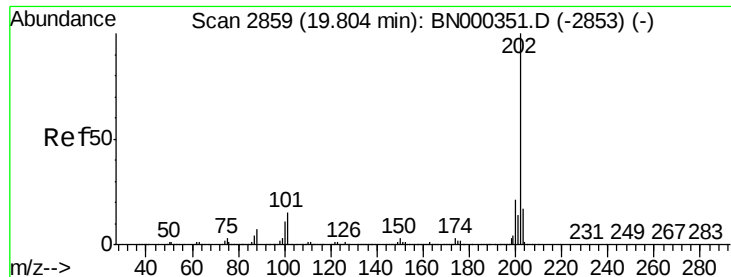
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#15
Anthracene
Concen: 1.050 ng/ul
RT: 17.92 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BN000353.D
Acq: 13 Mar 2018 17:34

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.8	17.8
176	18.2	15.2	22.8





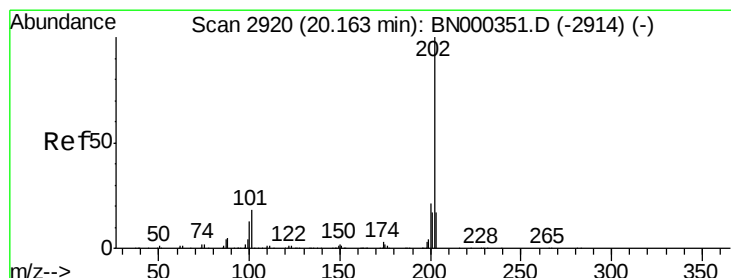
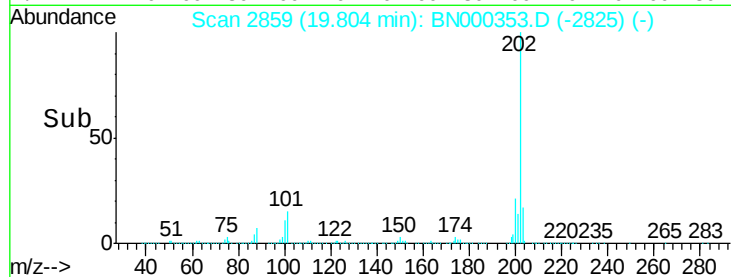
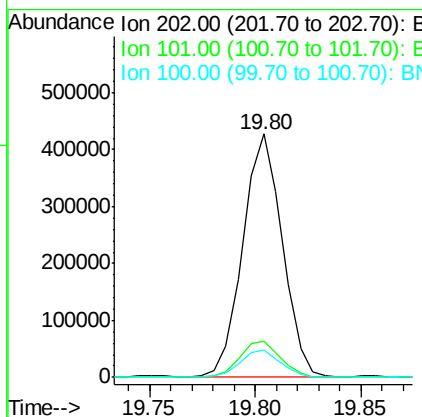
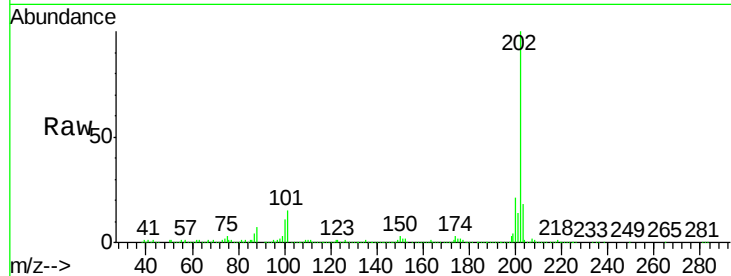
#16
 Fluoranthene
 Concen: 8.759 ng/ul
 RT: 19.80 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BN000353.D
 Acq: 13 Mar 2018 17:34

Instrument :
 BNA_N
 ClientSampleId :
 DAM91MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.1	9.9	14.9#
100	11.3	7.4	11.0#

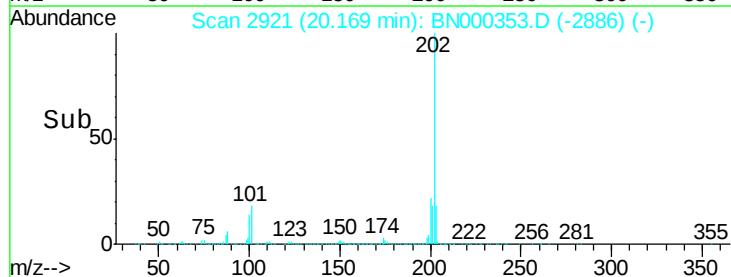
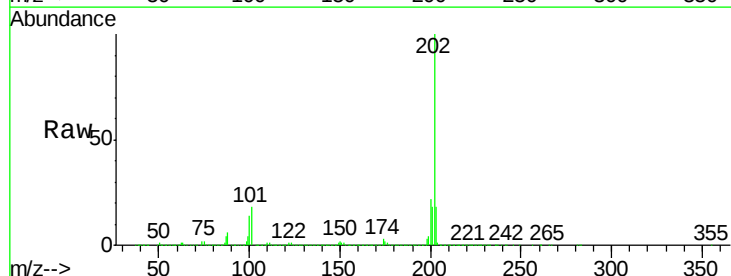
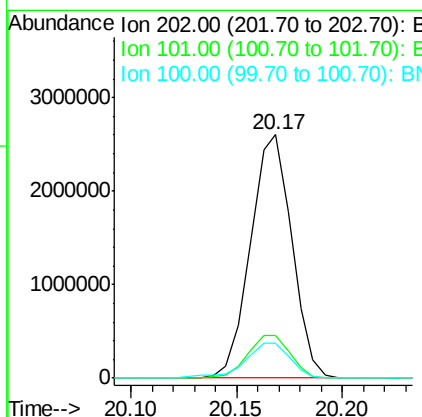
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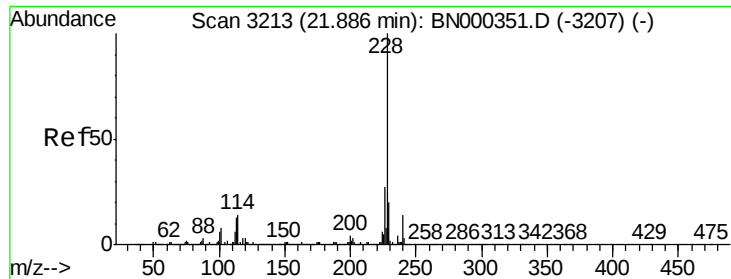
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#19
 Pyrene
 Concen: 47.719 ng/ul
 RT: 20.17 min Scan# 2921
 Delta R.T. 0.01 min
 Lab File: BN000353.D
 Acq: 13 Mar 2018 17:34

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	17.6	11.0	16.4#
100	14.4	8.1	12.1#





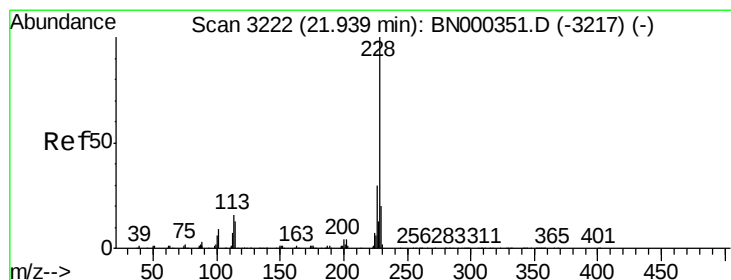
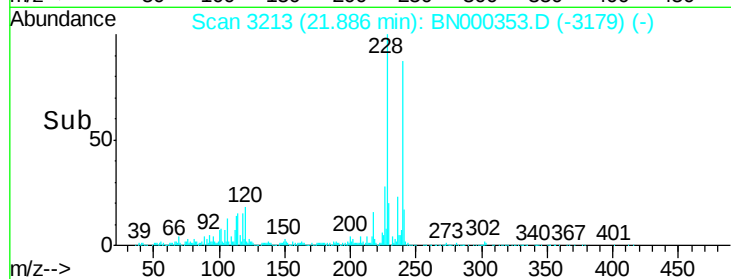
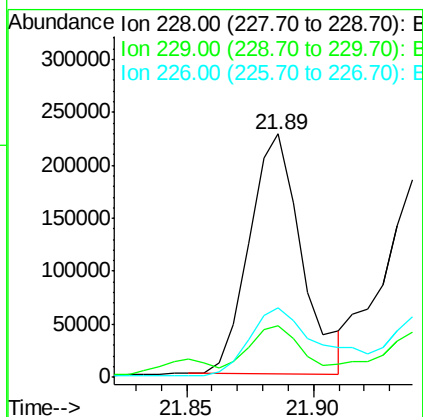
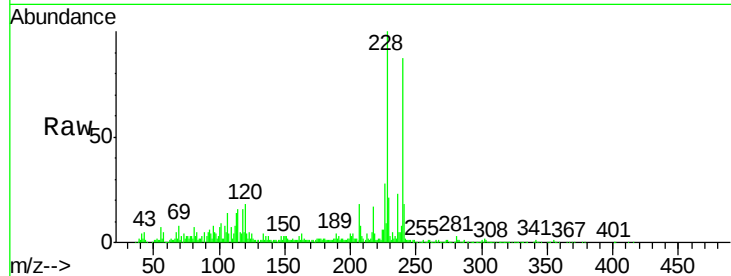
#20
Benzo(a)anthracene
Concen: 4.513 ng/ul
RT: 21.89 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BN000353.D
Acq: 13 Mar 2018 17:34

Instrument :
BNA_N
ClientSampleId :
DAM91MSD

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.7	23.5
226	28.4	21.1	31.7

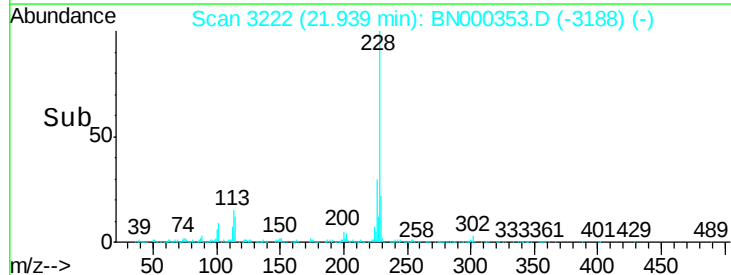
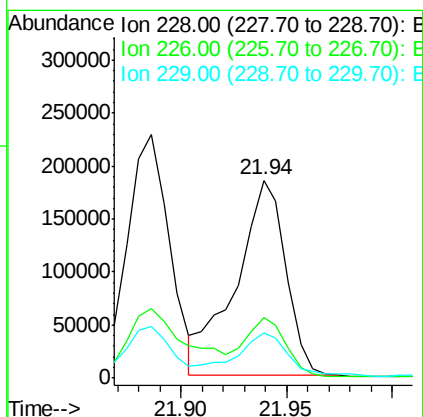
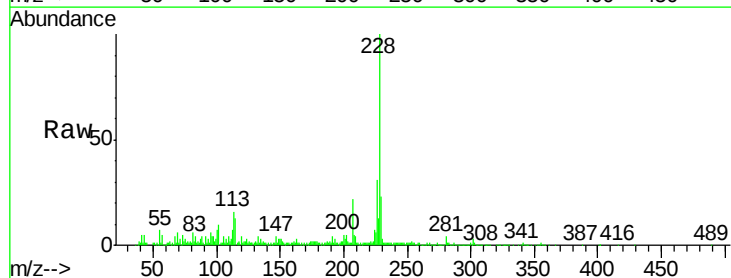
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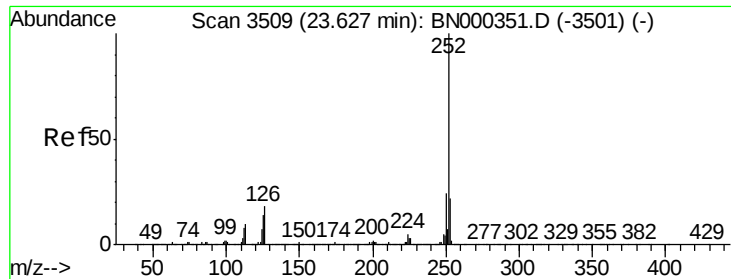
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#21
Chrysene
Concen: 4.393 ng/ul
RT: 21.94 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BN000353.D
Acq: 13 Mar 2018 17:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.5	36.7
229	23.0	15.8	23.8





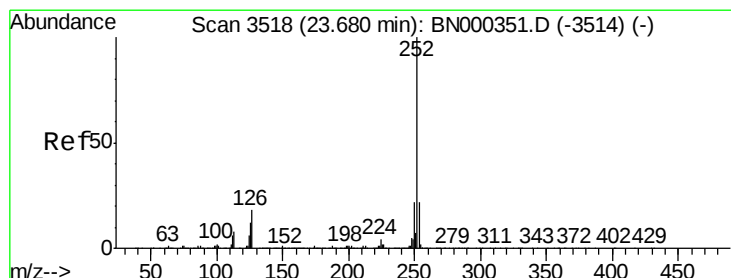
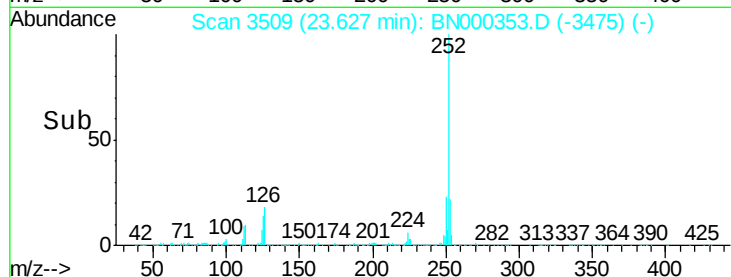
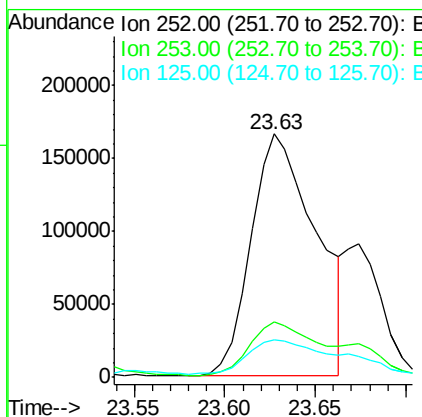
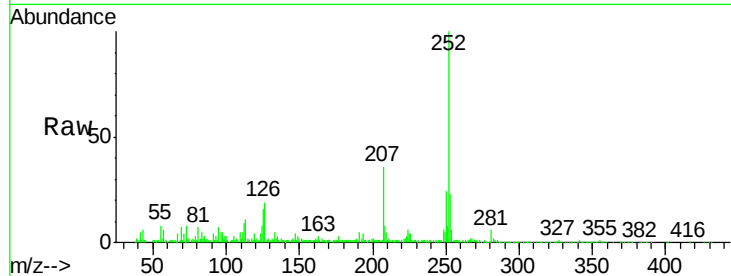
#23
Benzo(b)fluoranthene
Concen: 6.166 ng/ul
RT: 23.63 min Scan# 3509
Delta R.T. -0.00 min
Lab File: BN000353.D
Acq: 13 Mar 2018 17:34

Instrument :
BNA_N
ClientSampleId :
DAM91MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	15.5	8.0	12.0

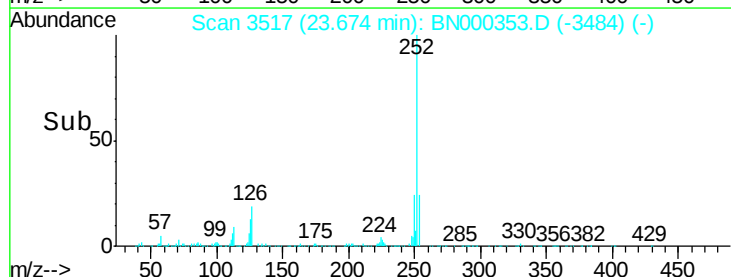
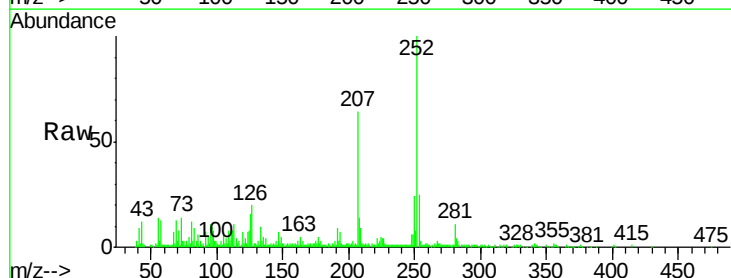
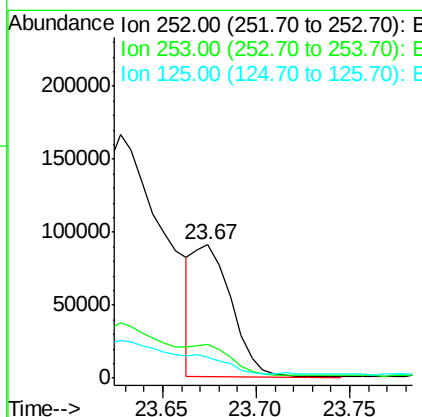
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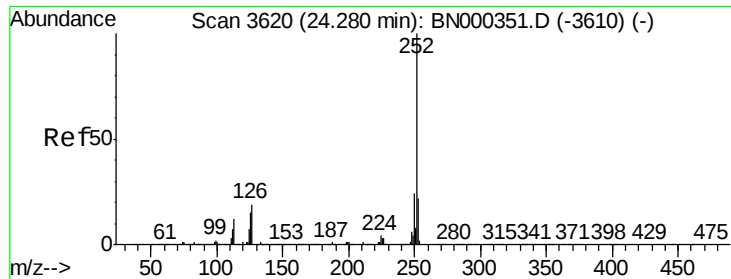
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#24
Benzo(k)fluoranthene
Concen: 2.036 ng/ul m
RT: 23.67 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BN000353.D
Acq: 13 Mar 2018 17:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.0	27.0
125	15.8	8.1	12.1





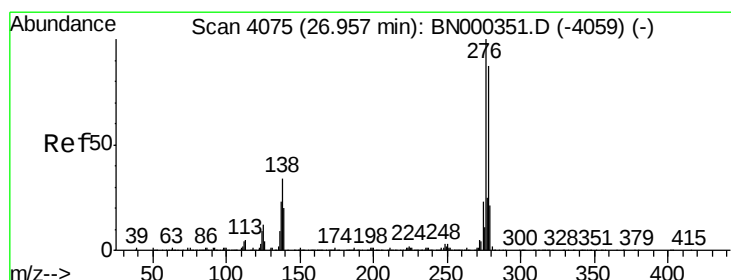
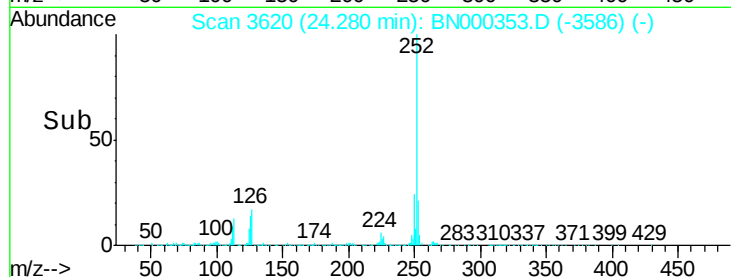
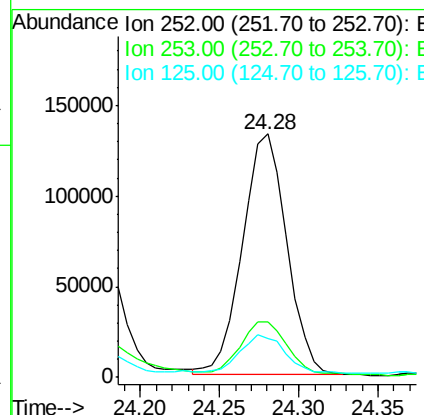
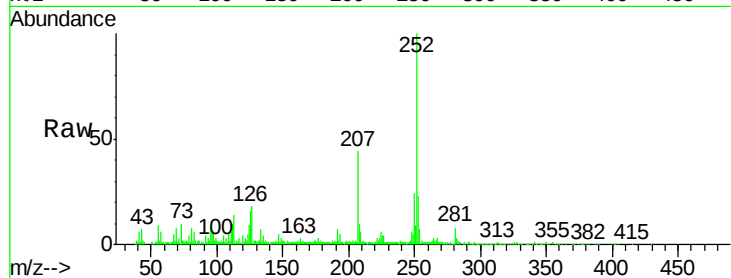
#26
Benzo(a)pyrene
Concen: 4.061 ng/ul
RT: 24.28 min Scan# 3620
Delta R.T. -0.00 min
Lab File: BN000353.D
Acq: 13 Mar 2018 17:34

Instrument :
BNA_N
ClientSampleId :
DAM91MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	16.2	8.2	12.4

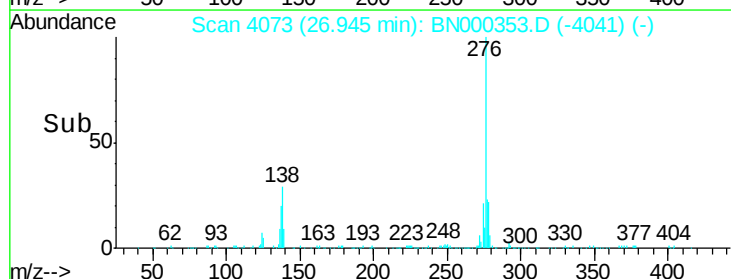
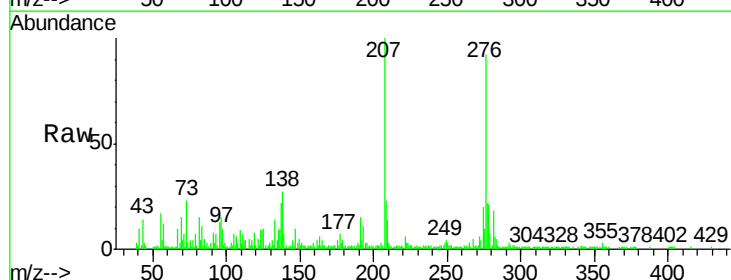
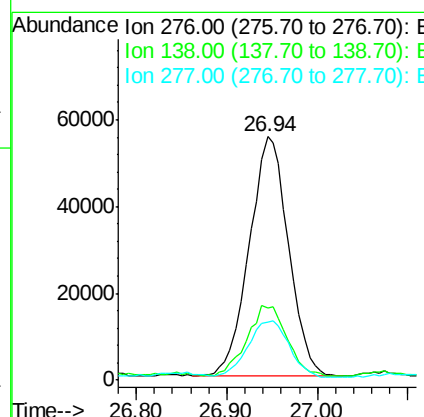
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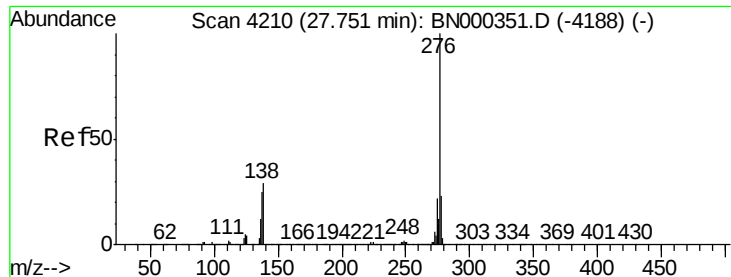
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#27
Indeno(1,2,3-cd)pyrene
Concen: 2.425 ng/ul
RT: 26.94 min Scan# 4073
Delta R.T. -0.01 min
Lab File: BN000353.D
Acq: 13 Mar 2018 17:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.5	14.4	21.6
277	23.7	18.0	27.0





#29

Benzo(a,h,i)perylene

Concen: 2.747 ng/ul

RT: 27.74 min Scan# 4209

Delta R.T. -0.01 min

Lab File: BN000353.D

Acq: 13 Mar 2018 17:34

Instrument :

BNA_N

ClientSampleId :

DAM91MSD

Tot Ion:	276	Resp:	157210
Ion Ratio	Lower	Upper	
276	100		
138	30.9	15.3	22.9#
277	23.8	19.0	28.4

Manual Integrations
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