

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
 Data File : BN000352.D
 Acq On : 13 Mar 2018 16:59
 Operator : JU/SJ
 Sample : J1845-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM91MS

Manual Integrations
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Quant Time: Mar 14 08:19:30 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	151755	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	741594	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	426659	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	998416	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1161499	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1073308	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1914946	45.22	ng/ul	0.00
10) Fluorene-d10	16.05	176	1270060	44.29	ng/ul	0.00
14) Anthracene-d10	17.88	188	2083291	44.66	ng/ul	0.00
18) Pyrene-d10	20.14	212	2490307	43.83	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	2173297	44.34	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthylene	14.79	152	42999	1.010	ng/ul	98
9) Acenaphthene	15.13	153	1170052	39.505	ng/ul	95
13) Phenanthrene	17.83	178	258741	4.519	ng/ul	99
16) Fluoranthene	19.80	202	495504	8.009	ng/ul#	94
19) Pyrene	20.17	202	3276190	44.676	ng/ul#	89
20) Benzo(a)anthracene	21.89	228	197901m	2.741	ng/ul	
21) Chrysene	21.94	228	223179m	3.257	ng/ul	
23) Benzo(b)fluoranthene	23.63	252	271568m	4.243	ng/ul	
24) Benzo(k)fluoranthene	23.67	252	78249m	1.306	ng/ul	
26) Benzo(a)pyrene	24.28	252	159367	2.616	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.94	276	112129	1.707	ng/ul#	81
29) Benzo(g,h,i)perylene	27.74	276	113999	2.079	ng/ul#	84

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

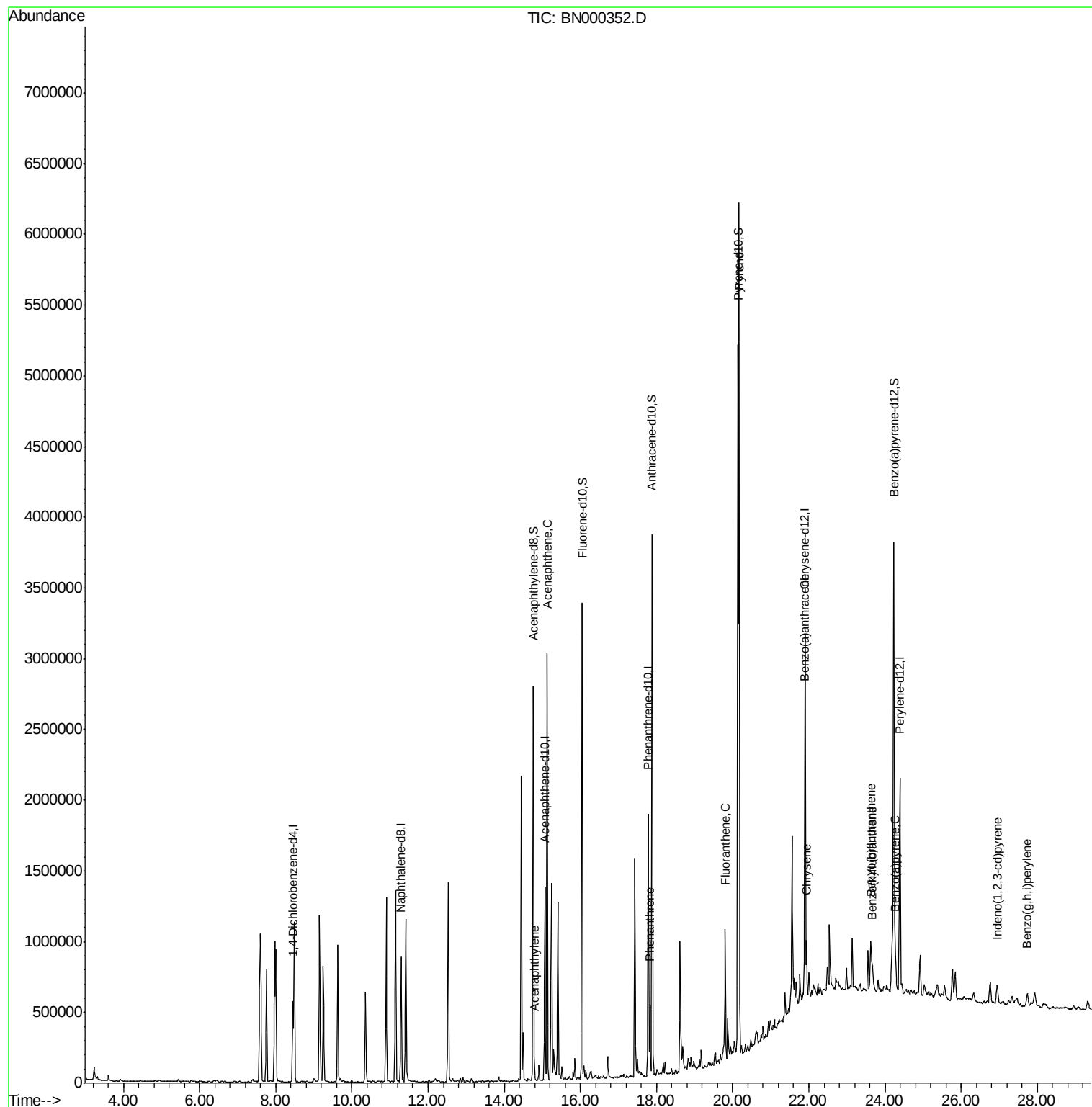
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
Data File : BN000352.D
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Sample : J1845-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

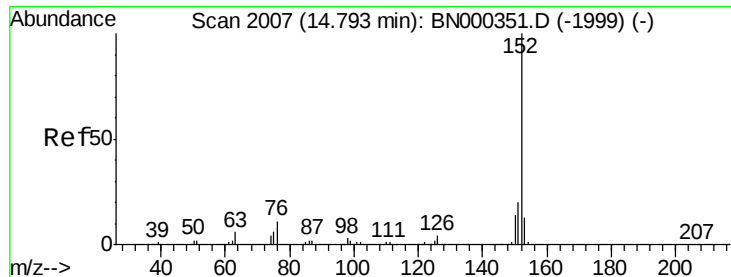
Instrument :
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Quant Time: Mar 14 08:19:30 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 08:11:44 2018
Response via : Initial Calibration





#8

Acenaphthylene

Concen: 1.010 ng/ul

RT: 14.79 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BN000352.D

Acq: 13 Mar 2018 16:59

Instrument :

BNA_N

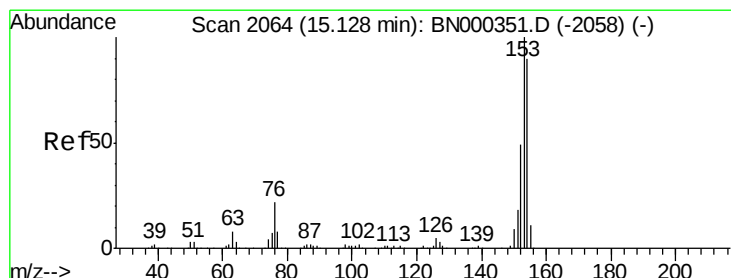
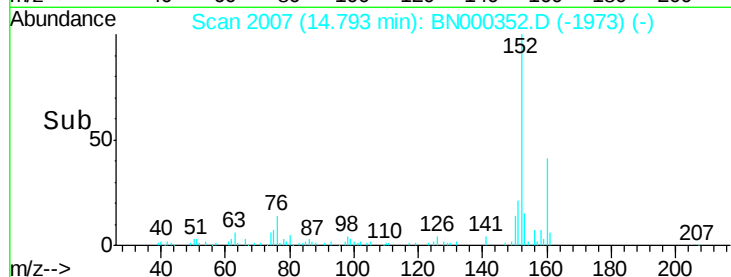
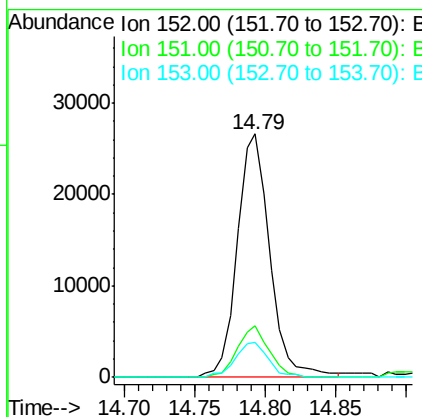
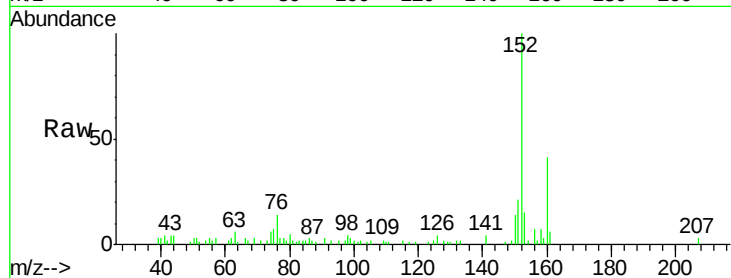
ClientSampleId :

DAM91MS

Tot Ion	152	Resp	42999
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.7	25.1
153	14.6	10.2	15.4

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#9

Acenaphthene

Concen: 39.505 ng/ul

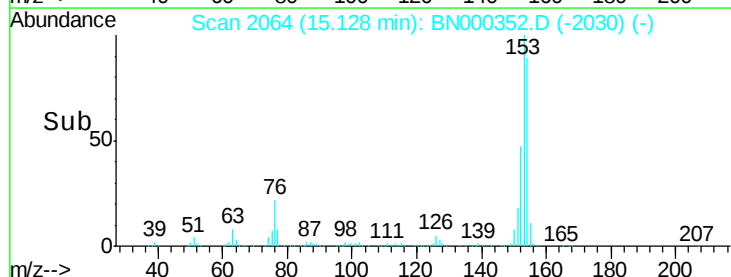
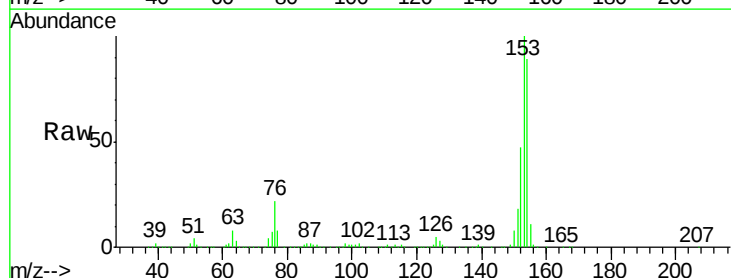
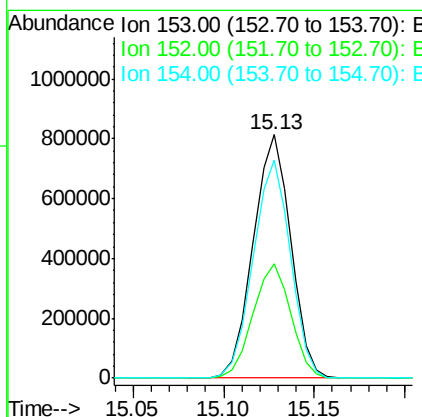
RT: 15.13 min Scan# 2064

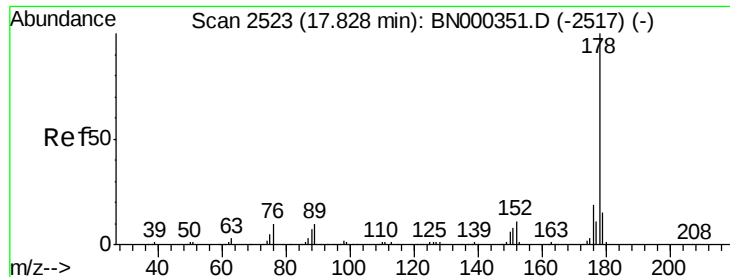
Delta R.T. -0.00 min

Lab File: BN000352.D

Acq: 13 Mar 2018 16:59

Tgt Ion	153	Resp	1170052
Ion Ratio	Lower	Upper	
153	100		
152	47.1	39.0	58.6
154	89.4	66.8	100.2





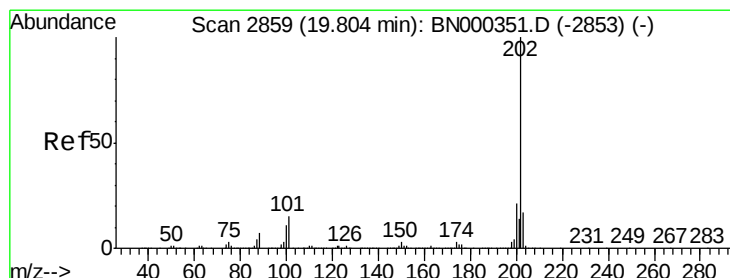
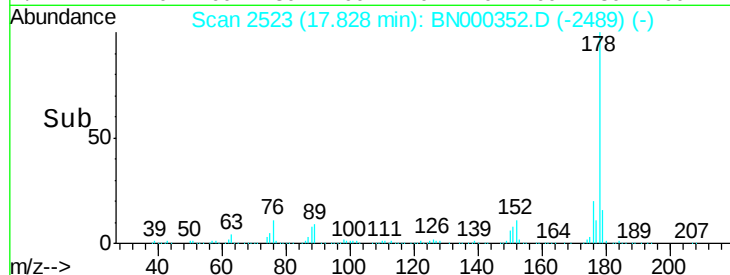
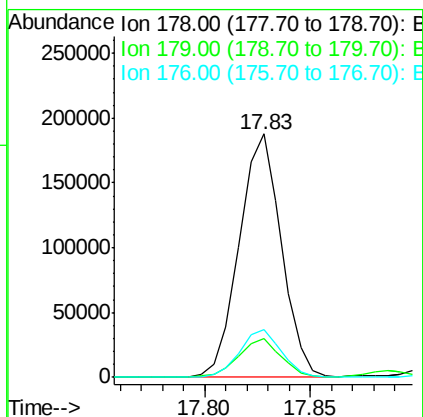
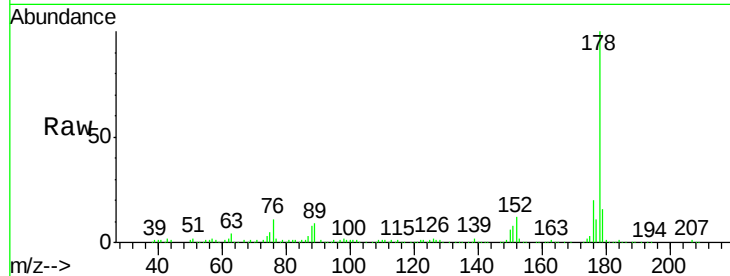
#13
Phenanthrene
Concen: 4.519 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000352.D
Acq: 13 Mar 2018 16:59

Instrument :
BNA_N
ClientSampleId :
DAM91MS

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.7	15.1	22.7

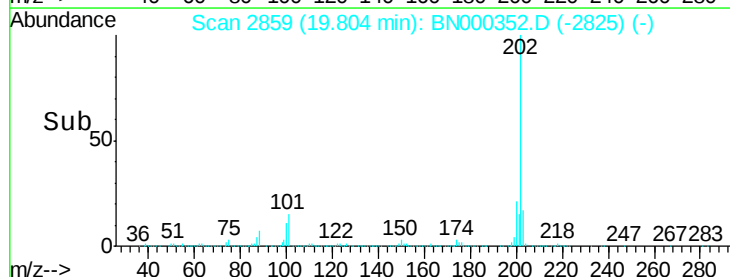
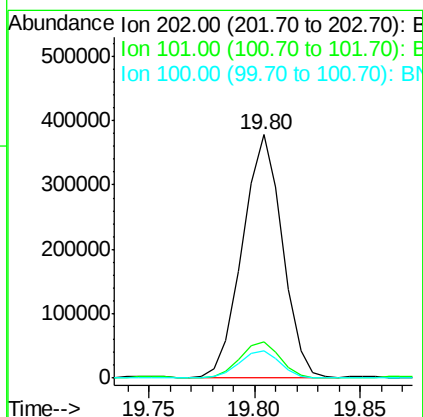
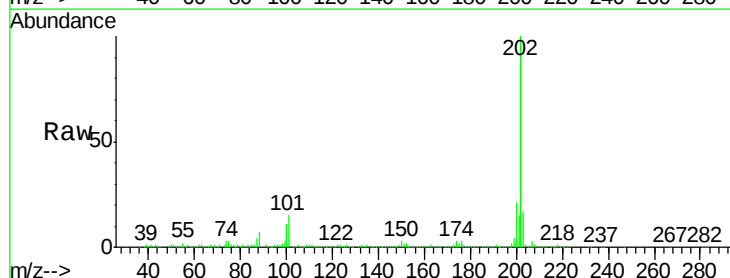
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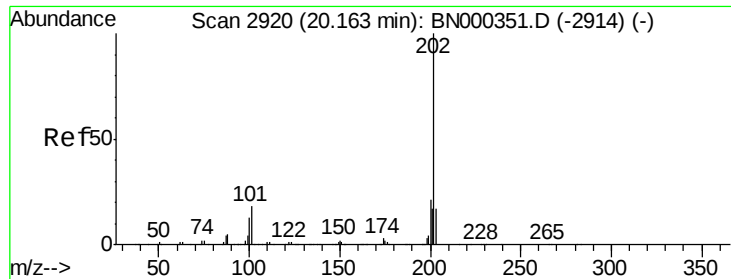
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#16
Fluoranthene
Concen: 8.009 ng/ul
RT: 19.80 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BN000352.D
Acq: 13 Mar 2018 16:59

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





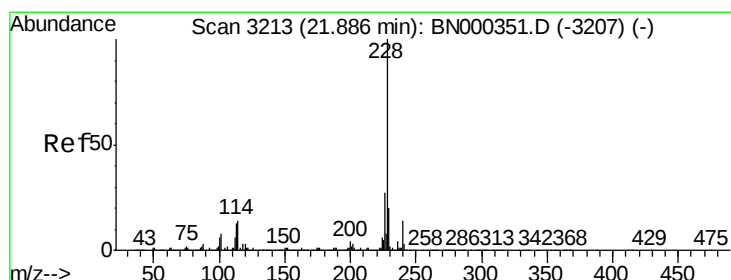
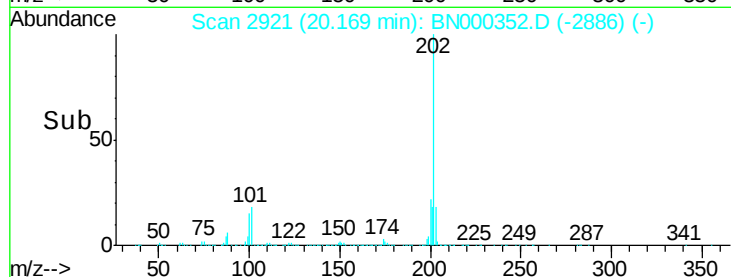
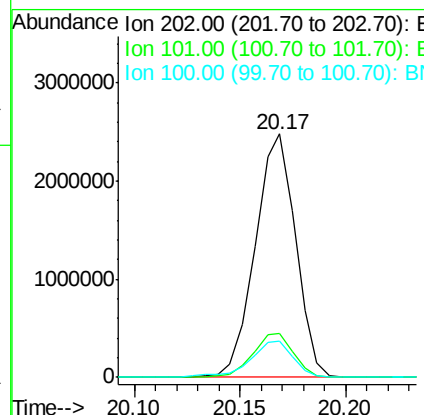
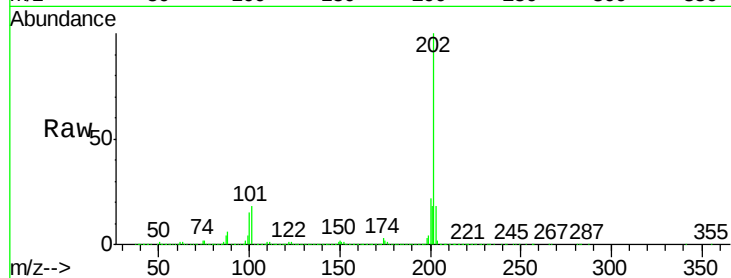
#19
Pvrene
Concen: 44.676 ng/ul
RT: 20.17 min Scan# 2921
Delta R.T. 0.01 min
Lab File: BN000352.D
Acq: 13 Mar 2018 16:59

Instrument :
BNA_N
ClientSampleId :
DAM91MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	17.8	11.0	16.4#
100	14.6	8.1	12.1#

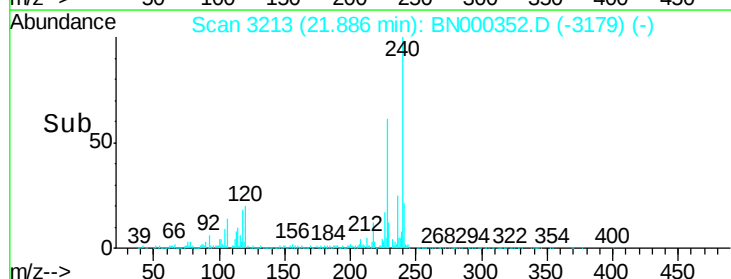
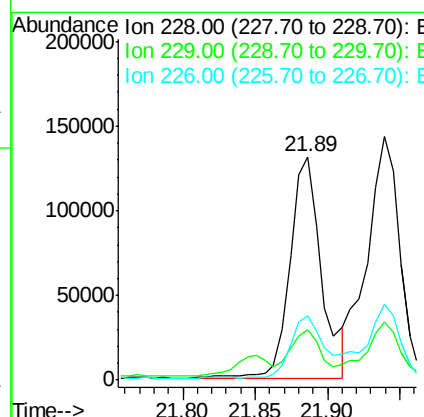
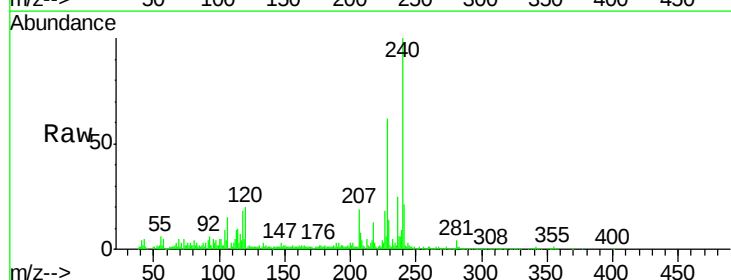
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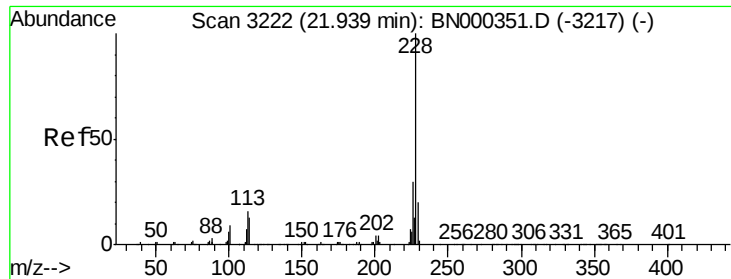
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#20
Benzo(a)anthracene
Concen: 2.741 ng/ul m
RT: 21.89 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BN000352.D
Acq: 13 Mar 2018 16:59

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.7	23.5
226	29.0	21.1	31.7





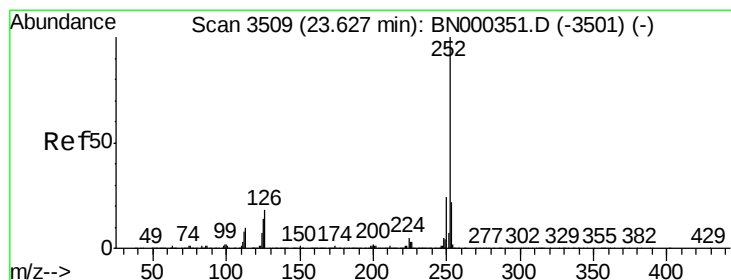
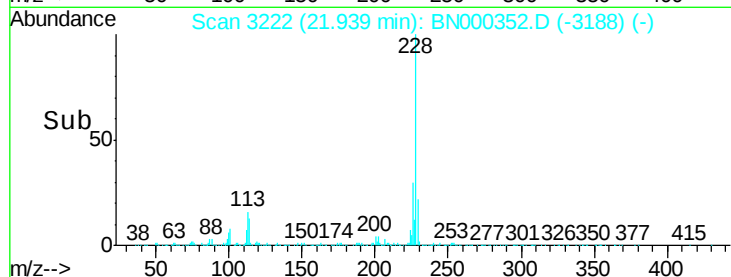
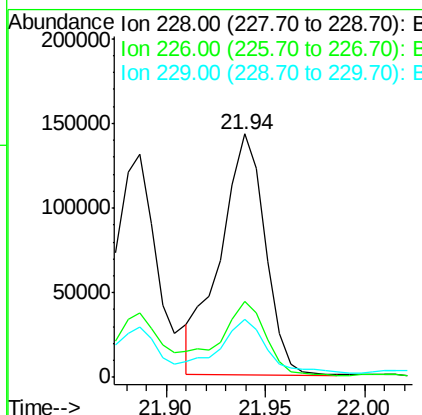
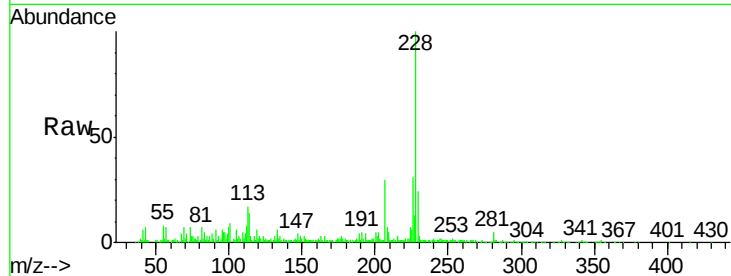
#21
Chrysene
Concen: 3.257 ng/ul m
RT: 21.94 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BN000352.D
Acq: 13 Mar 2018 16:59

Instrument :
BNA_N
ClientSampleId :
DAM91MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.5	36.7
229	23.8	15.8	23.8#

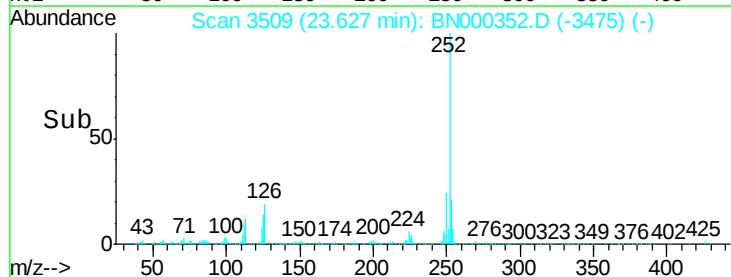
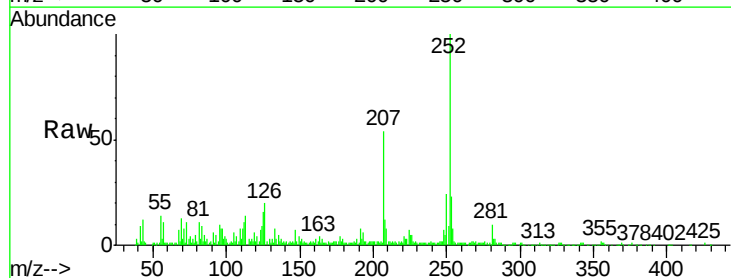
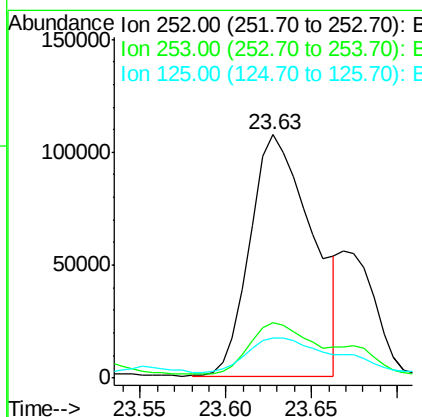
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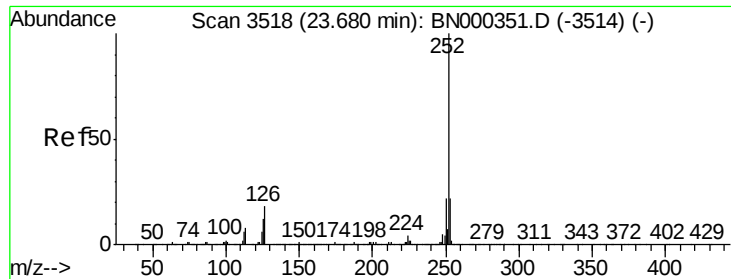
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#23
Benzo(b)fluoranthene
Concen: 4.243 ng/ul m
RT: 23.63 min Scan# 3509
Delta R.T. -0.00 min
Lab File: BN000352.D
Acq: 13 Mar 2018 16:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	16.3	8.0	12.0#





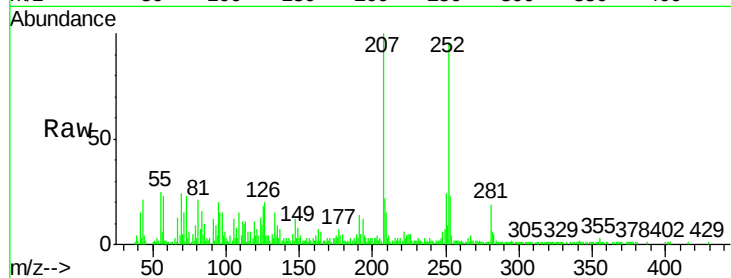
#24
Benzo(k)fluoranthene
Concen: 1.306 ng/ul m
RT: 23.67 min Scan# 3516
Delta R.T. -0.01 min
Lab File: BN000352.D
Acq: 13 Mar 2018 16:59

Instrument :
BNA_N
ClientSampleId :
DAM91MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	18.4	8.1	12.1#

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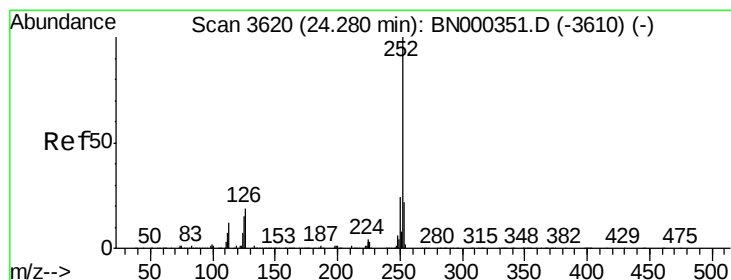
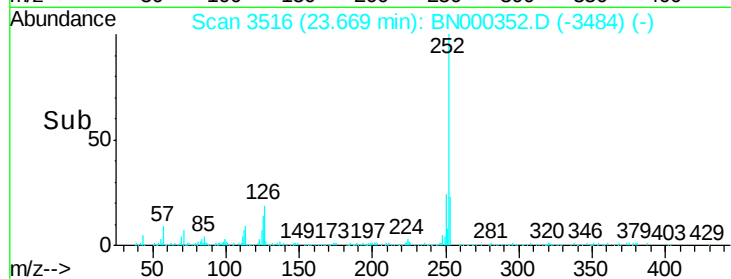
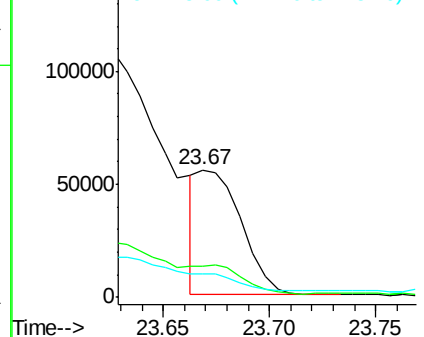


Abundance

Ion 252.00 (251.70 to 252.70): E

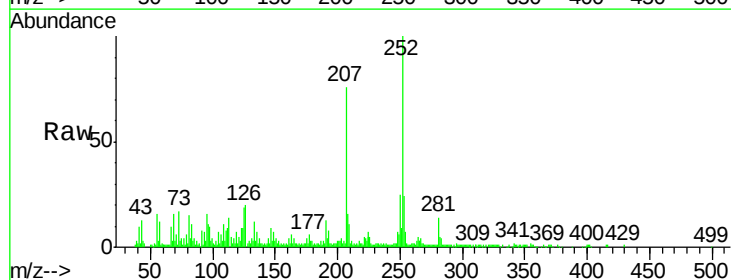
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#26
Benzo(a)pyrene
Concen: 2.616 ng/ul
RT: 24.28 min Scan# 3620
Delta R.T. -0.00 min
Lab File: BN000352.D
Acq: 13 Mar 2018 16:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	18.7	8.2	12.4#

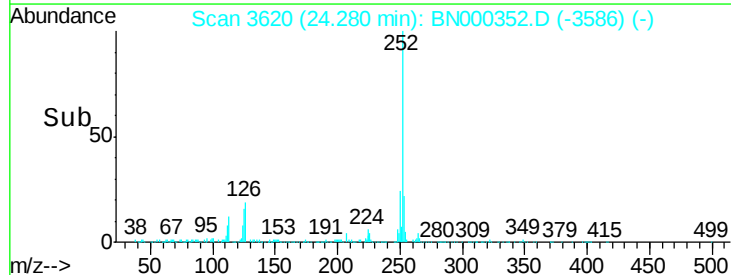
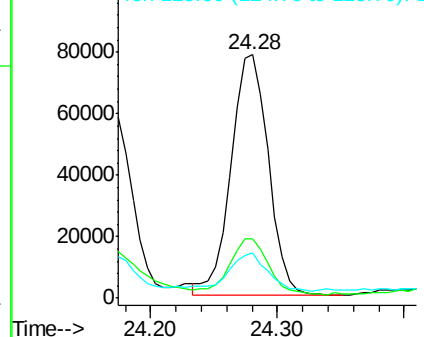


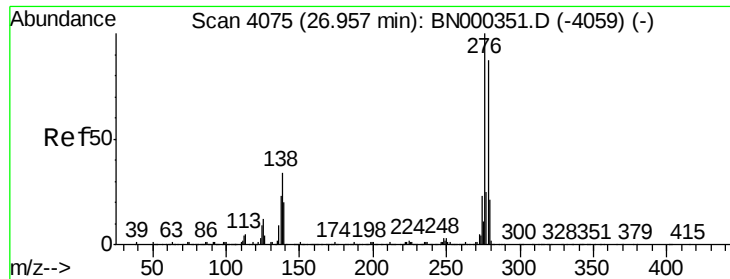
Abundance

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





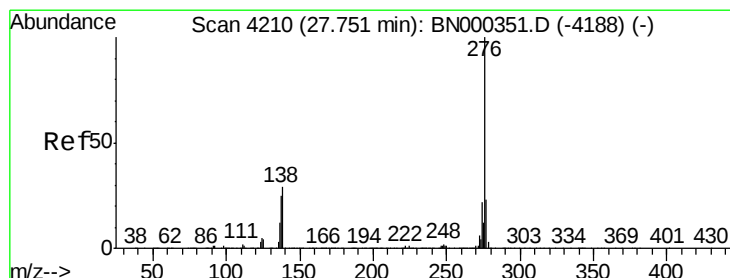
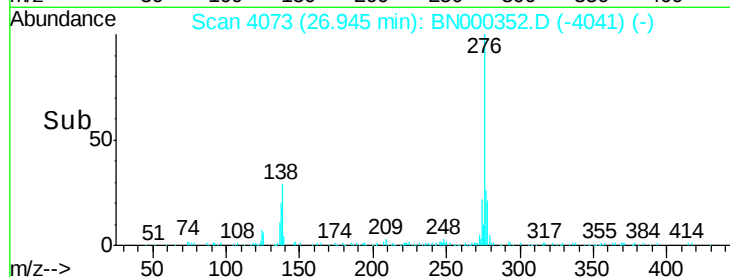
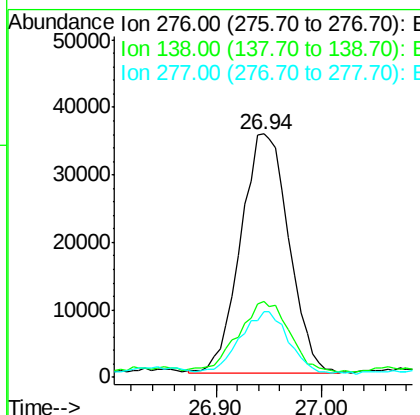
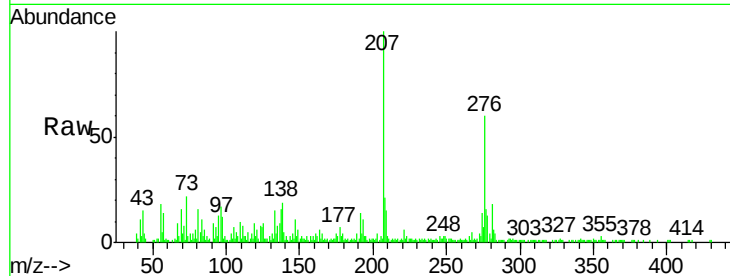
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.707 ng/ul
 RT: 26.94 min Scan# 4073
 Delta R.T. -0.01 min
 Lab File: BN000352.D
 Acq: 13 Mar 2018 16:59

Instrument :
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Tot Ion	Ratio	Lower	Upper
276	100		
138	31.4	14.4	21.6#
277	27.1	18.0	27.0#

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#29
 Benzo(g,h,i)perylene
 Concen: 2.079 ng/ul
 RT: 27.74 min Scan# 4208
 Delta R.T. -0.01 min
 Lab File: BN000352.D
 Acq: 13 Mar 2018 16:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.3	15.3	22.9#
277	25.9	19.0	28.4

