

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031218\
 Data File : BN000335.D
 Acq On : 13 Mar 2018 05:17
 Operator : JU/SJ
 Sample : J1845-10
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM98

Manual Integrations
 APPROVED

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Quant Time: Mar 13 14:27:28 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 09 23:47:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	451150	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	2038895	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	1049505	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	2088766	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1625511	20.00	ng/ul	0.01
22) Perylene-d12	24.39	264	1367194	20.00	ng/ul	0.02

System Monitoring Compounds

7) Acenaphthylene-d8	14.76	160	3228848	31.00	ng/ul	0.00
10) Fluorene-d10	16.05	176	2032851	28.82	ng/ul	0.00
14) Anthracene-d10	17.89	188	2966571	30.40	ng/ul	0.01
18) Pyrene-d10	20.14	212	2909417	36.59	ng/ul	0.01
25) Benzo(a)pyrene-d12	24.23	264	1962513	31.43	ng/ul	0.02

Target Compounds

					Qvalue	
13) Phenanthrene	17.83	178	223942	1.869	ng/ul	100
16) Fluoranthene	19.80	202	887484	6.857	ng/ul#	94
19) Pyrene	20.16	202	684243	6.667	ng/ul#	89
20) Benzo(a)anthracene	21.89	228	369338	3.655	ng/ul	97
21) Chrysene	21.94	228	369184	3.850	ng/ul	97
23) Benzo(b)fluoranthene	23.63	252	338377	4.150	ng/ul#	92
24) Benzo(k)fluoranthene	23.67	252	134056m	1.757	ng/ul	
26) Benzo(a)pyrene	24.28	252	206331	2.659	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.95	276	118237	1.413	ng/ul#	82
29) Benzo(g,h,i)perylene	27.74	276	107257	1.535	ng/ul#	85

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

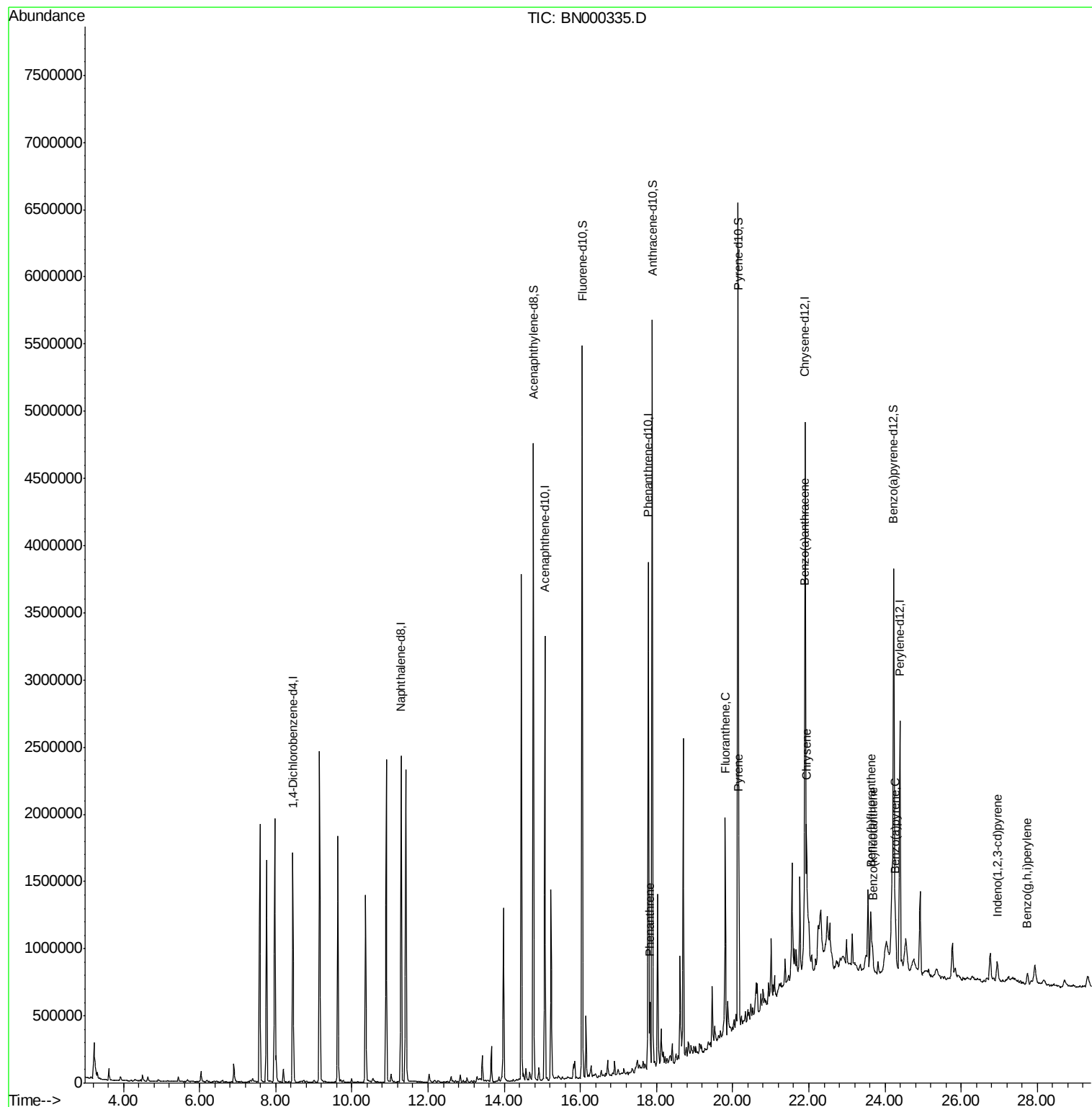
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031218\
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Misc :
ALS Vial : 34 Sample Multiplier: 1

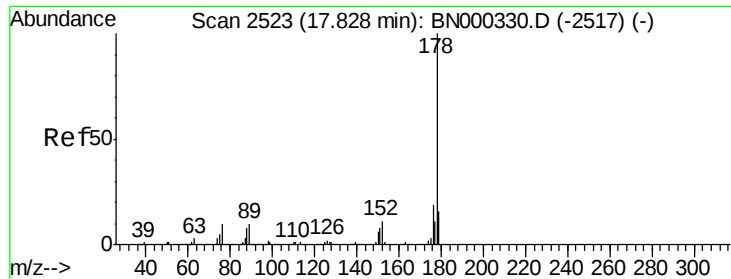
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
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Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.869 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. 0.01 min

Lab File: BN000335.D

Acq: 13 Mar 2018 05:17

Instrument :

BNA_N

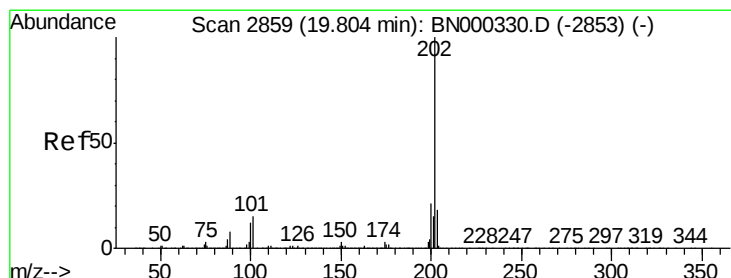
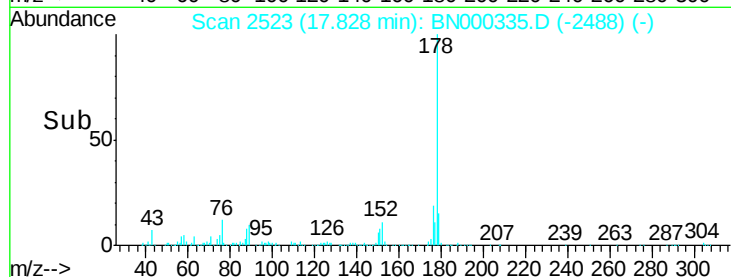
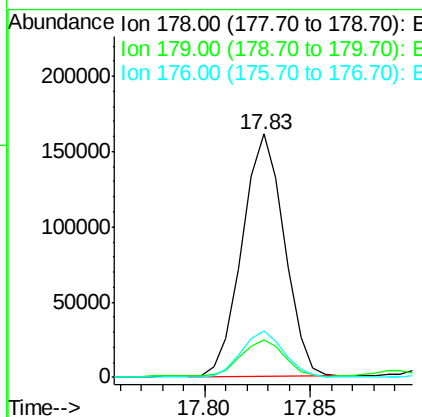
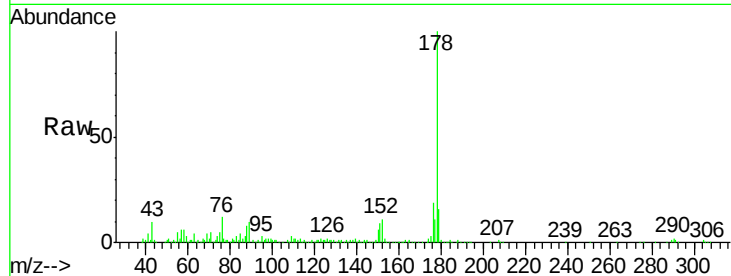
ClientSampleId :

DAM98

Tgt Ion:	178	Resp:	223942
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.3	18.5
176	19.1	15.1	22.7

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#16

Fluoranthene

Concen: 6.857 ng/ul

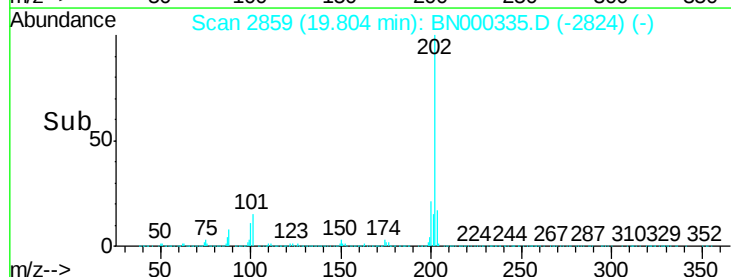
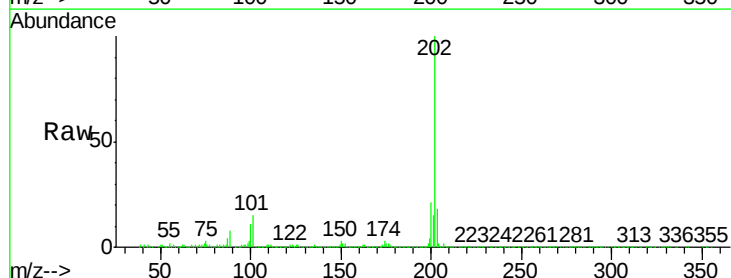
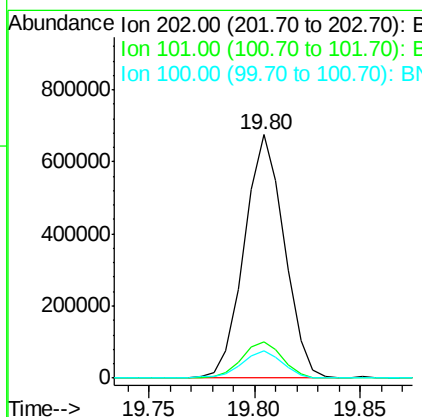
RT: 19.80 min Scan# 2859

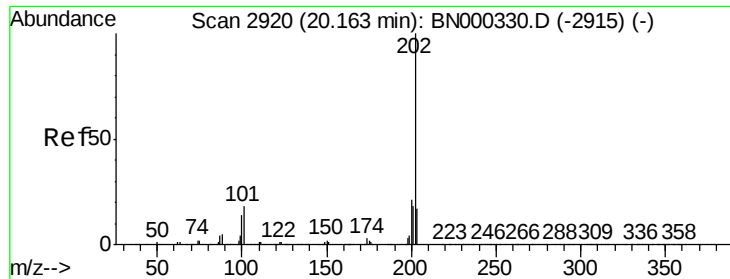
Delta R.T. 0.01 min

Lab File: BN000335.D

Acq: 13 Mar 2018 05:17

Tgt Ion:	202	Resp:	887484
Ion Ratio	Lower	Upper	
202	100		
101	15.0	9.9	14.9#
100	11.3	7.4	11.0#





#19

Pyrene

Concen: 6.667 ng/ul

RT: 20.16 min Scan# 2920

Delta R.T. 0.01 min

Lab File: BN000335.D

Acq: 13 Mar 2018 05:17

Instrument :

BNA_N

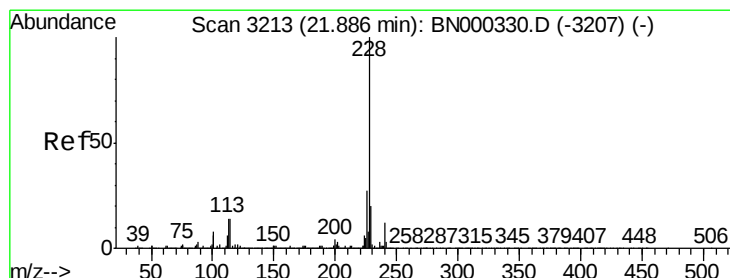
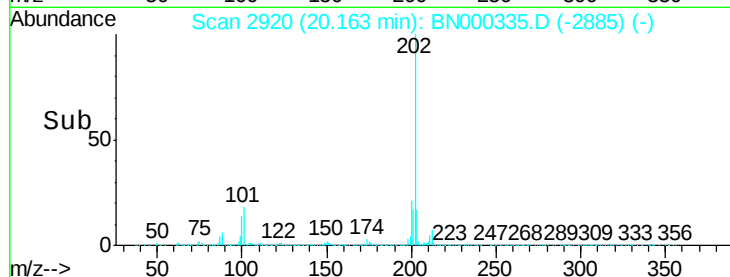
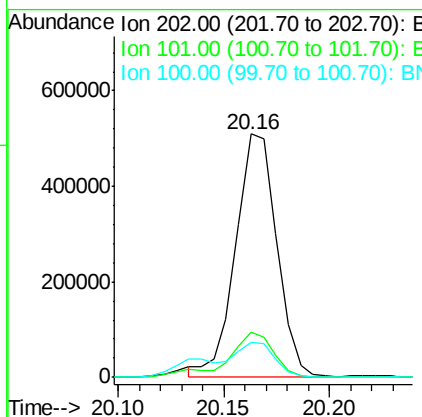
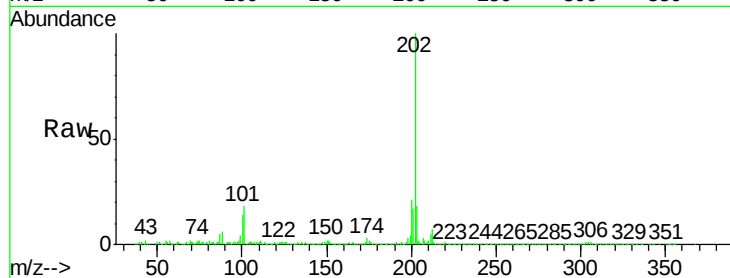
ClientSampleId :

DAM98

Tgt Ion:	202	Resp:	684243
Ion Ratio	Lower	Upper	
202	100		
101	18.3	11.0	16.4#
100	14.3	8.1	12.1#

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#20

Benzo(a)anthracene

Concen: 3.655 ng/ul

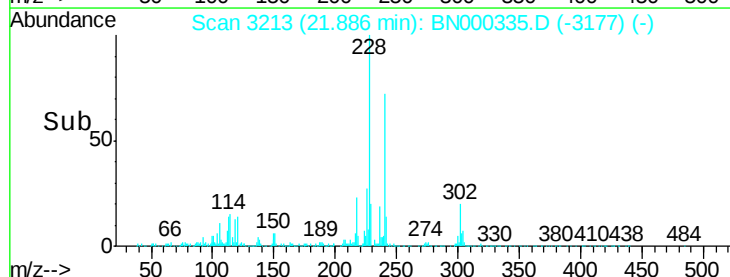
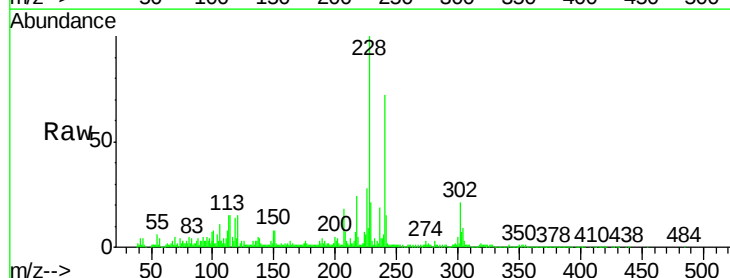
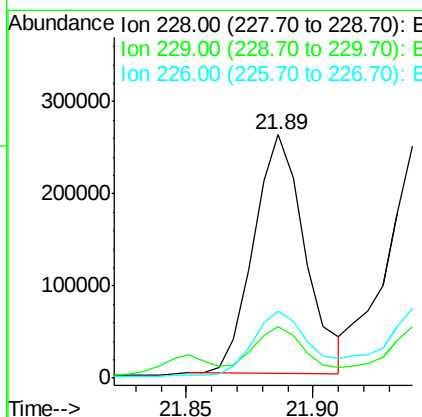
RT: 21.89 min Scan# 3213

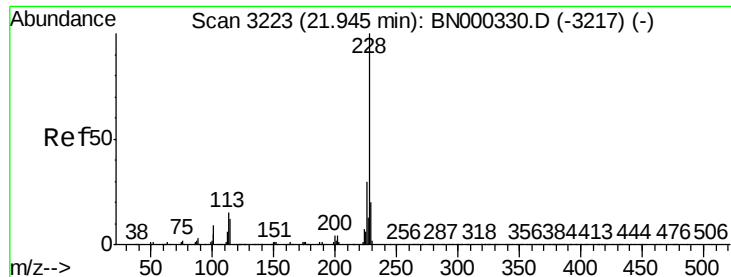
Delta R.T. 0.01 min

Lab File: BN000335.D

Acq: 13 Mar 2018 05:17

Tgt Ion:	228	Resp:	369338
Ion Ratio	Lower	Upper	
228	100		
229	21.1	15.7	23.5
226	27.6	21.1	31.7





#21

Chrysene

Concen: 3.850 ng/ul

RT: 21.94 min Scan# 3222

Delta R.T. 0.01 min

Lab File: BN000335.D

Acq: 13 Mar 2018 05:17

Instrument :

BNA_N

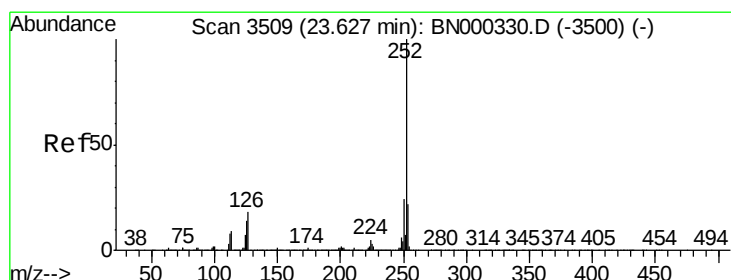
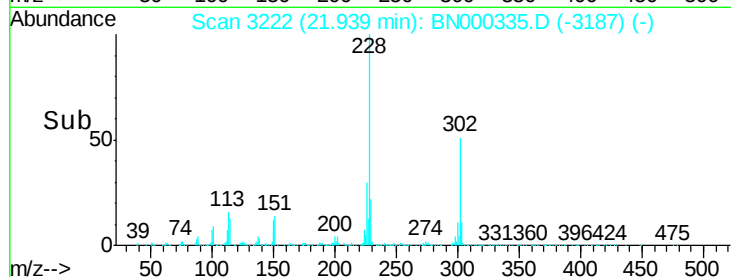
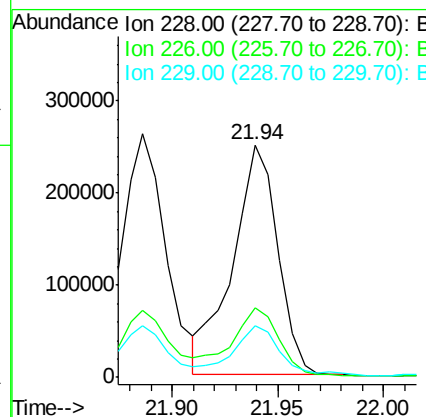
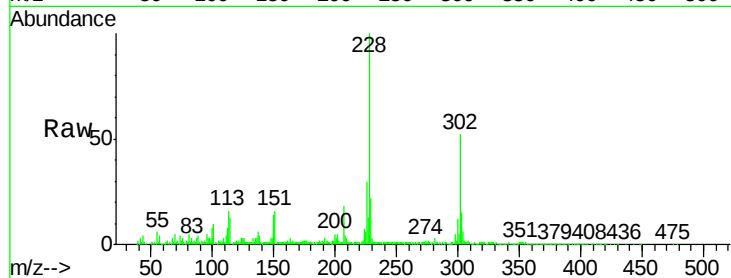
ClientSampled :

DAM98

Tgt Ion:	228	Resp:	369184
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.5	36.7
229	22.2	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 4.150 ng/ul

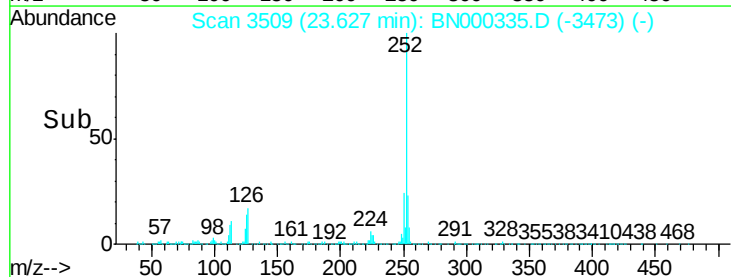
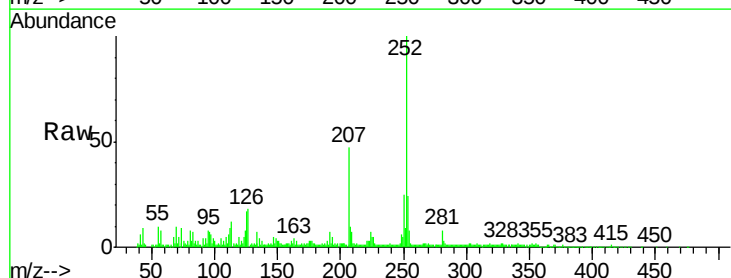
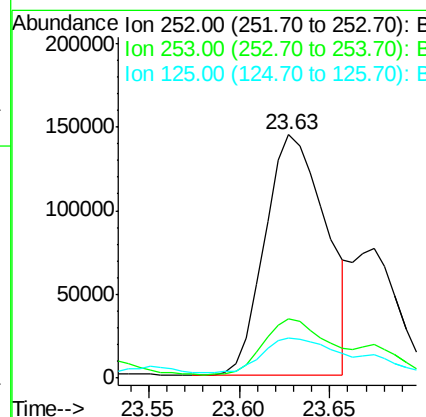
RT: 23.63 min Scan# 3509

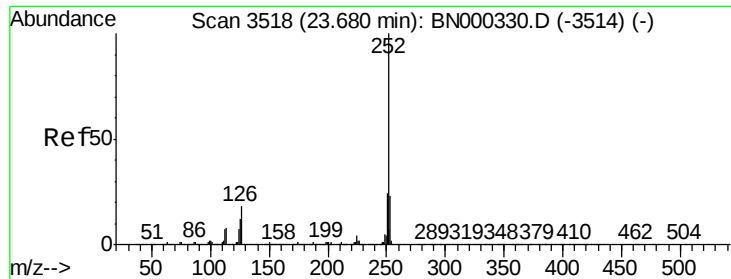
Delta R.T. 0.01 min

Lab File: BN000335.D

Acq: 13 Mar 2018 05:17

Tgt Ion:	252	Resp:	338377
Ion Ratio	Lower	Upper	
252	100		
253	24.3	18.0	27.0
125	16.6	8.0	12.0#





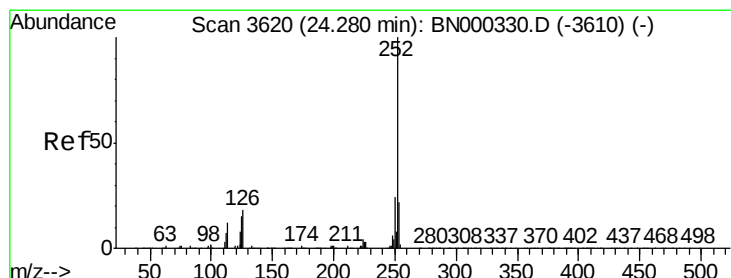
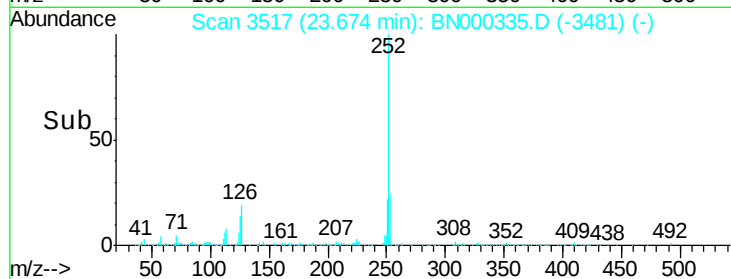
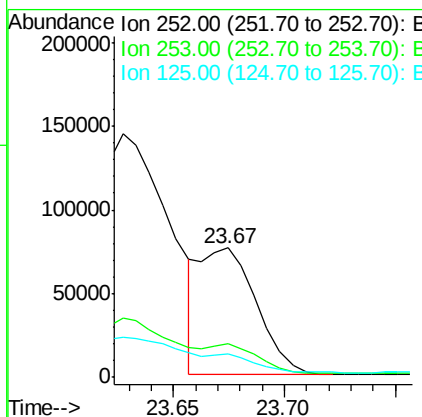
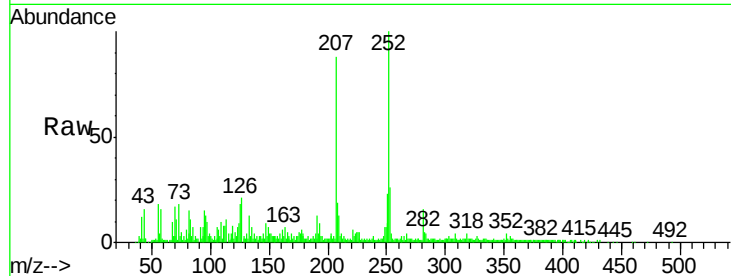
#24
Benzo(k)fluoranthene
Concen: 1.757 ng/ul m
RT: 23.67 min Scan# 3517
Delta R.T. 0.01 min
Lab File: BN000335.D
Acq: 13 Mar 2018 05:17

Instrument :
BNA_N
ClientSampleId :
DAM98

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	25.6	18.0	27.0	
125	18.5	8.1	12.1	

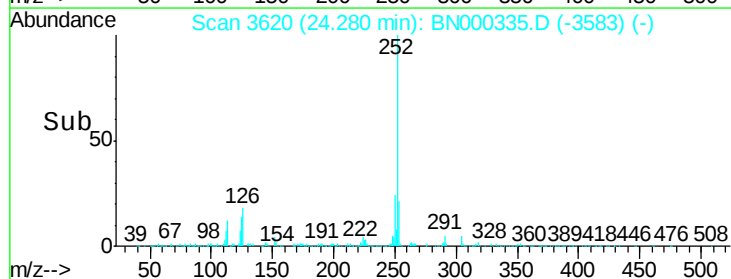
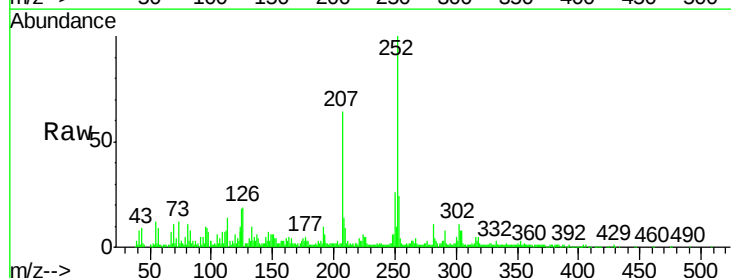
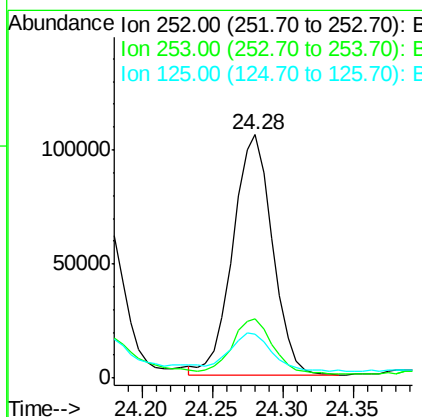
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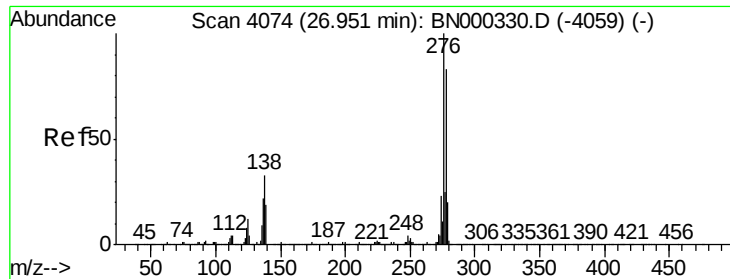
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#26
Benzo(a)pyrene
Concen: 2.659 ng/ul
RT: 24.28 min Scan# 3620
Delta R.T. 0.02 min
Lab File: BN000335.D
Acq: 13 Mar 2018 05:17

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	24.1	17.2	25.8	
125	18.3	8.2	12.4	





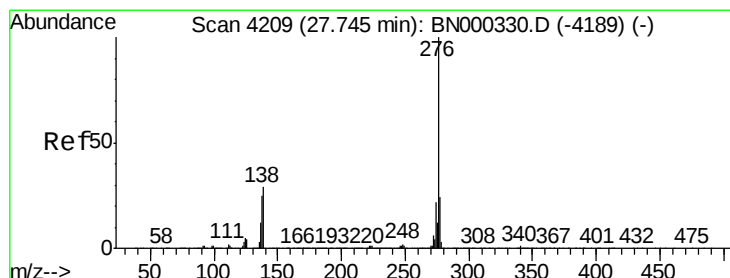
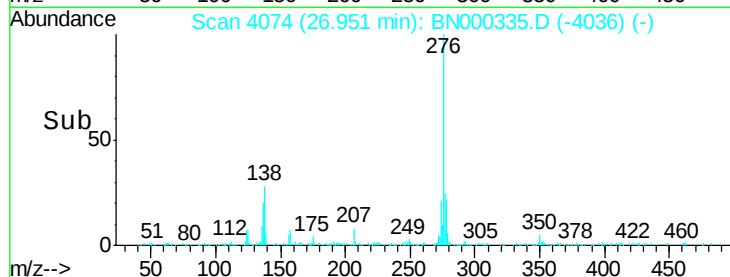
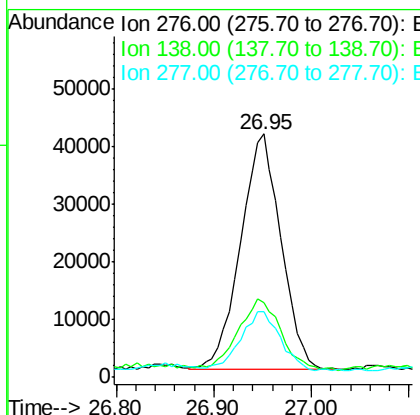
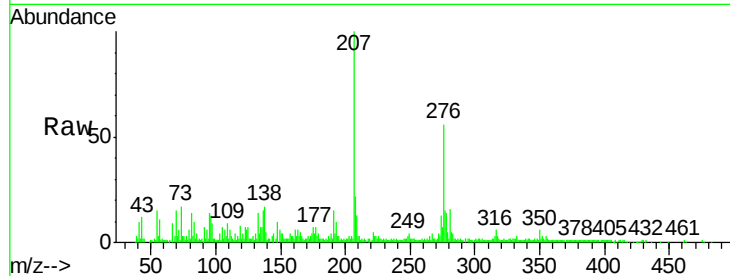
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.413 ng/ul
RT: 26.95 min Scan# 4074
Delta R.T. 0.02 min
Lab File: BN000335.D
Acq: 13 Mar 2018 05:17

Instrument :
BNA_N
ClientSampleId :
DAM98

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.7	14.4	21.6#
277	27.2	18.0	27.0#

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#29
Benzo(g,h,i)perylene
Concen: 1.535 ng/ul
RT: 27.74 min Scan# 4208
Delta R.T. 0.02 min
Lab File: BN000335.D
Acq: 13 Mar 2018 05:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.0	15.3	22.9#
277	26.0	19.0	28.4

