

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031618\
 Data File : BN000444.D
 Acq On : 16 Mar 2018 18:16
 Operator : JU/SJ
 Sample : J1866-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMG7

Manual Integrations
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Sohil
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Quant Time: Mar 16 19:16:04 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 15:34:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	138067	20.00	ng/ul	0.00
2) Naphthalene-d8	11.30	136	686342	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	403527	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.80	188	917272	20.00	ng/ul	0.00
17) Chrysene-d12	21.92	240	871345	20.00	ng/ul	0.01
22) Perylene-d12	24.41	264	818285	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	757451	18.91	ng/ul	0.00
10) Fluorene-d10	16.05	176	499933	18.43	ng/ul	0.00
14) Anthracene-d10	17.90	188	808425	18.86	ng/ul	0.00
18) Pyrene-d10	20.15	212	877006	20.57	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.25	264	704246	18.85	ng/ul	0.01
Target Compounds				Ovalue		
13) Phenanthrene	17.84	178	335911	6.386	ng/ul	99
15) Anthracene	17.92	178	81539	1.528	ng/ul	98
16) Fluoranthene	19.82	202	936304	16.473	ng/ul#	94
19) Pyrene	20.18	202	738889	13.431	ng/ul#	90
20) Benzo(a)anthracene	21.90	228	404763	7.472	ng/ul	98
21) Chrysene	21.95	228	376938	7.333	ng/ul	97
23) Benzo(b)fluoranthene	23.65	252	491027	10.063	ng/ul#	95
24) Benzo(k)fluoranthene	23.69	252	156510m	3.427	ng/ul	
26) Benzo(a)pyrene	24.31	252	300665	6.474	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.99	276	179018	3.575	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.99	278	52644	1.283	ng/ul#	81
29) Benzo(g,h,i)perylene	27.79	276	161864	3.872	ng/ul#	88

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

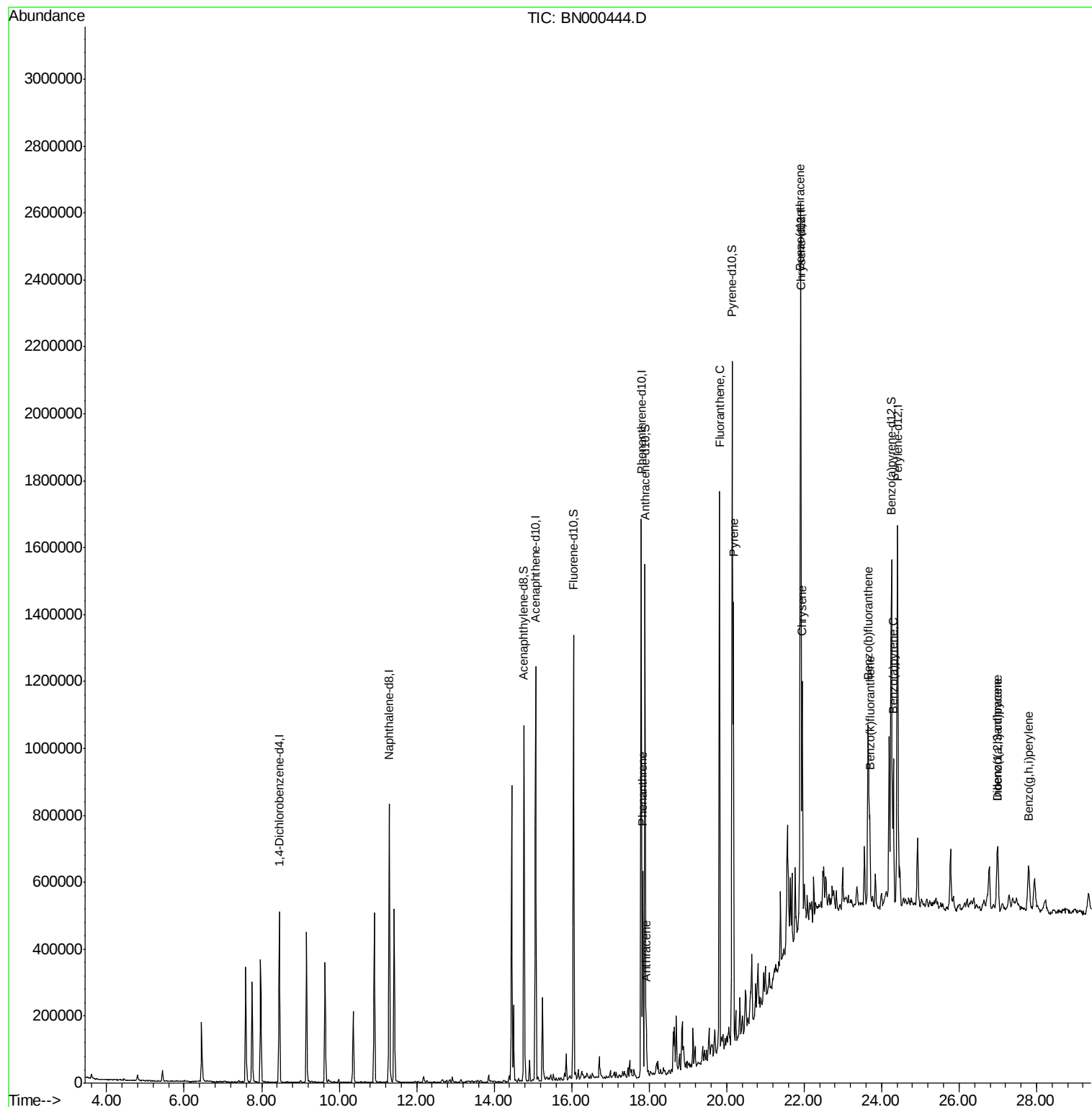
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031618\
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ALS Vial : 10 Sample Multiplier: 1

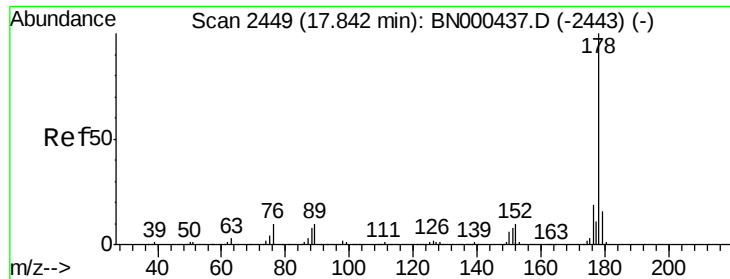
Instrument :
BNA_N
ClientSampled :
DAMG7

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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
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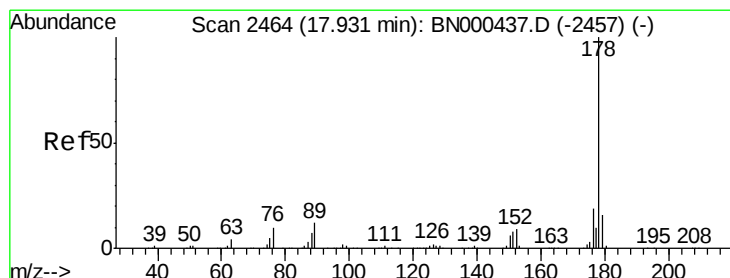
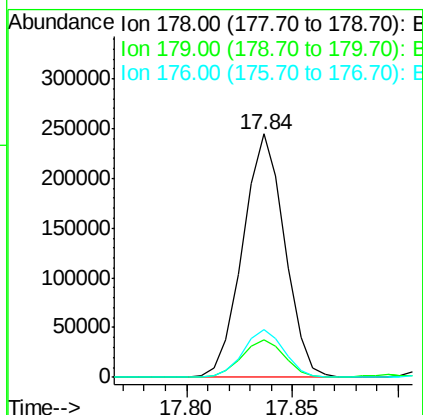
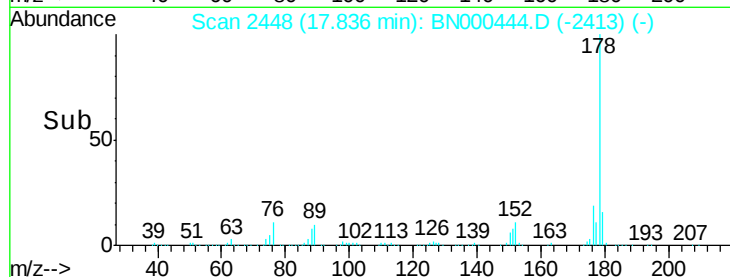
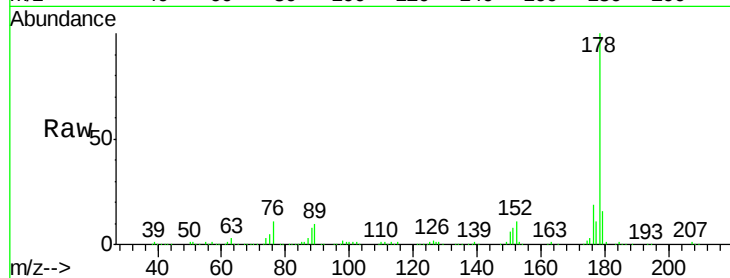
#13
 Phenanthrene
 Concen: 6.386 ng/ul
 RT: 17.84 min Scan# 2448
 Delta R.T. 0.01 min
 Lab File: BN000444.D
 Acq: 16 Mar 2018 18:16

Instrument :
 BNA_N
 ClientSampleId :
 DAMG7

Tot Ion:	178	Resp:	335911
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.3	18.5
176	19.4	15.1	22.7

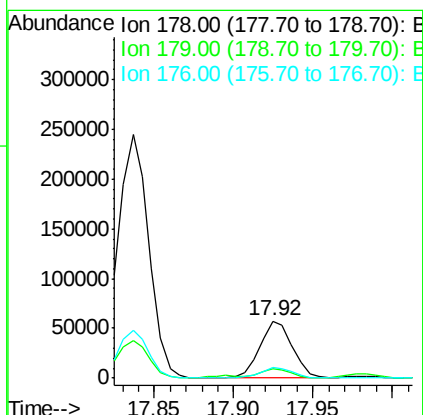
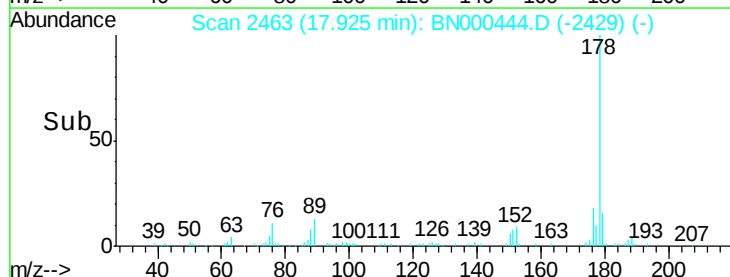
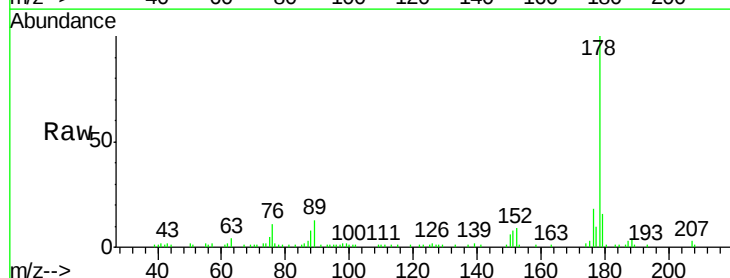
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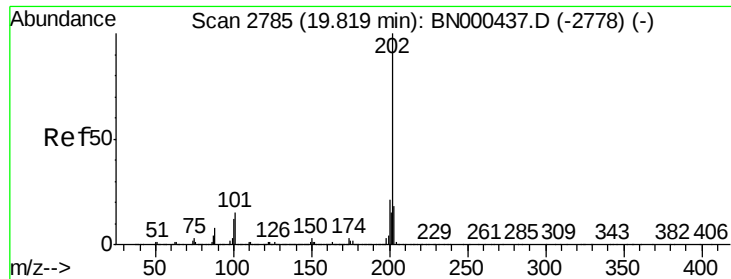
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#15
 Anthracene
 Concen: 1.528 ng/ul
 RT: 17.92 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: BN000444.D
 Acq: 16 Mar 2018 18:16

Tgt Ion:	178	Resp:	81539
Ion Ratio	Lower	Upper	
178	100		
179	15.8	11.8	17.8
176	17.9	15.2	22.8





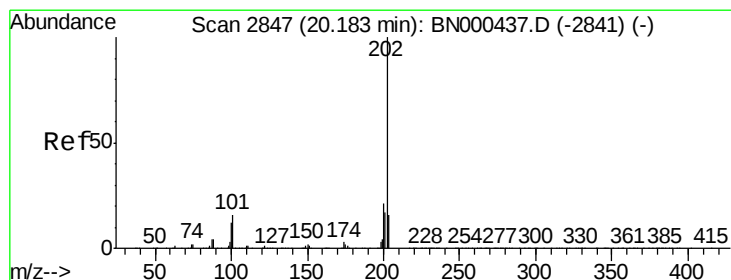
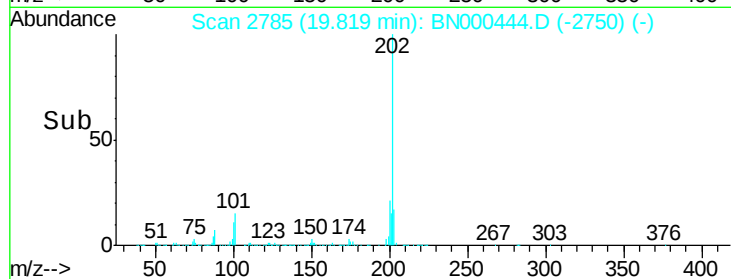
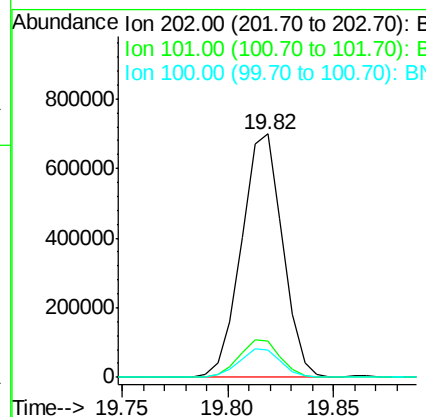
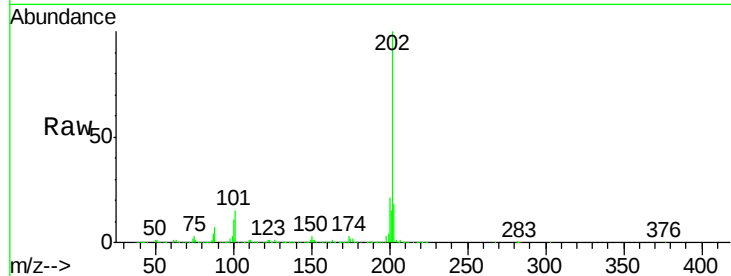
#16
Fluoranthene
Concen: 16.473 ng/ul
RT: 19.82 min Scan# 2785
Delta R.T. 0.01 min
Lab File: BN000444.D
Acq: 16 Mar 2018 18:16

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.0	9.9	14.9#
100	11.1	7.4	11.0#

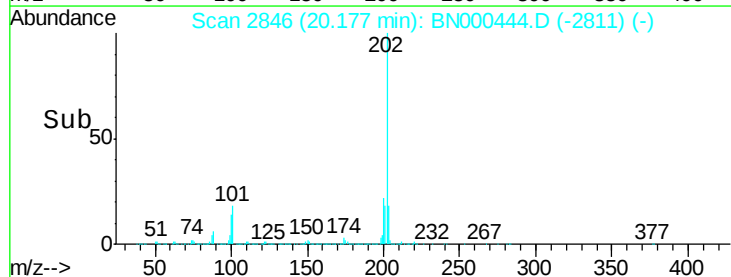
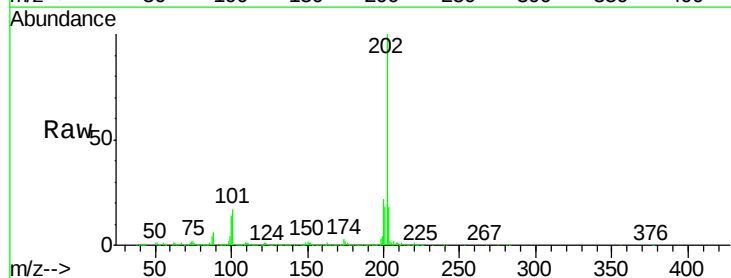
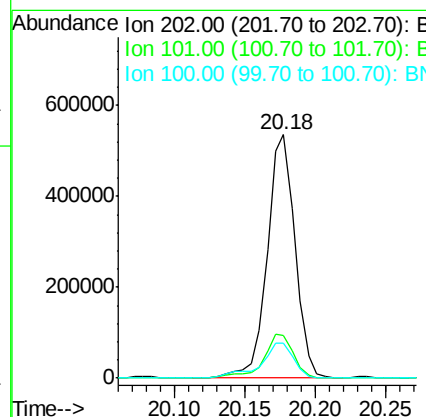
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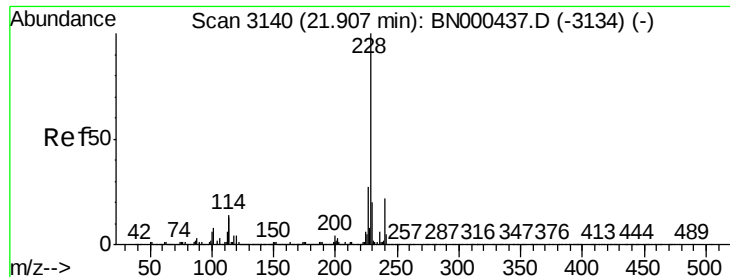
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#19
Pyrene
Concen: 13.431 ng/ul
RT: 20.18 min Scan# 2846
Delta R.T. 0.01 min
Lab File: BN000444.D
Acq: 16 Mar 2018 18:16

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	17.5	11.0	16.4#
100	14.3	8.1	12.1#





#20

Benzo(a)anthracene

Concen: 7.472 ng/ul

RT: 21.90 min Scan# 3139

Delta R.T. 0.01 min

Lab File: BN000444.D

Acq: 16 Mar 2018 18:16

Instrument :

BNA_N

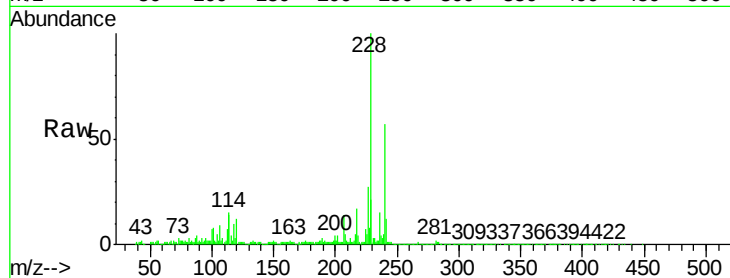
ClientSampleId :

DAMG7

Tot Ion:	228	Resp:	404763
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.7	23.5
226	27.4	21.1	31.7

Manual Integrations
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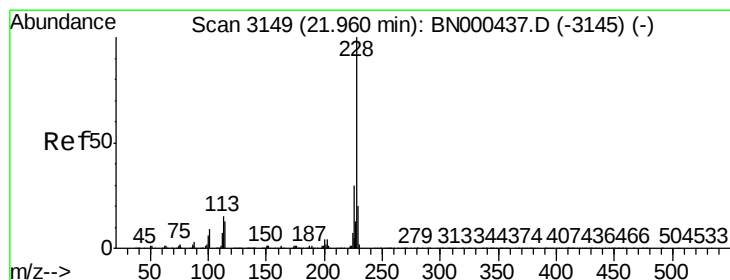
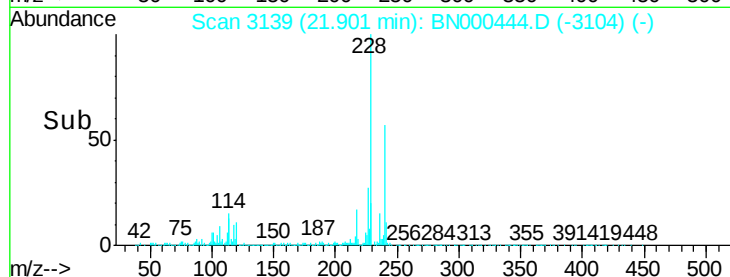
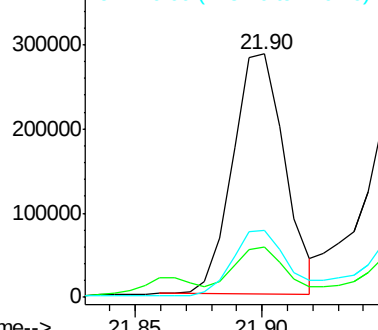


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#21

Chrysene

Concen: 7.333 ng/ul

RT: 21.95 min Scan# 3148

Delta R.T. 0.01 min

Lab File: BN000444.D

Acq: 16 Mar 2018 18:16

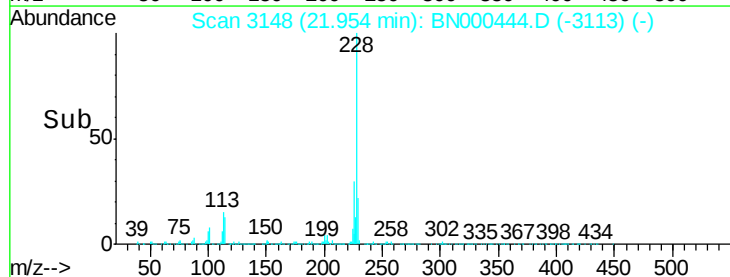
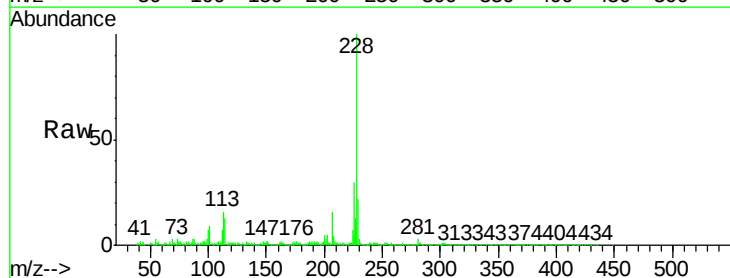
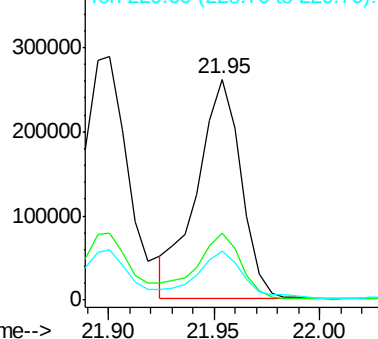
Tgt Ion:	228	Resp:	376938
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.5	36.7
229	22.4	15.8	23.8

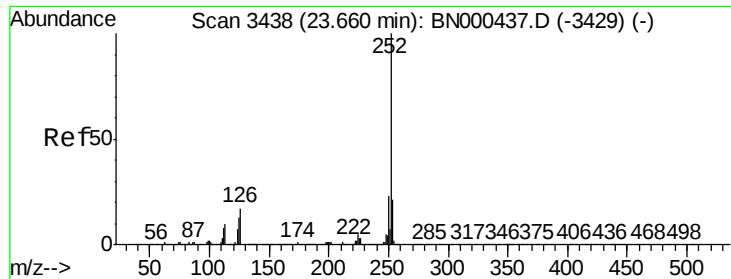
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





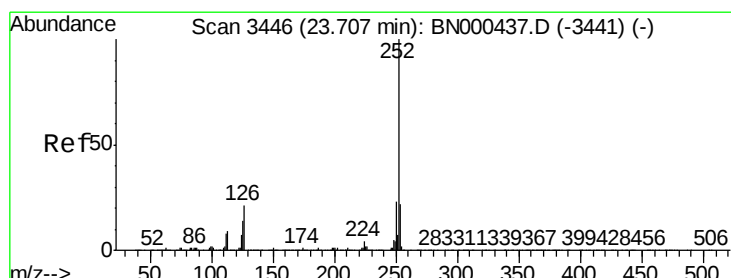
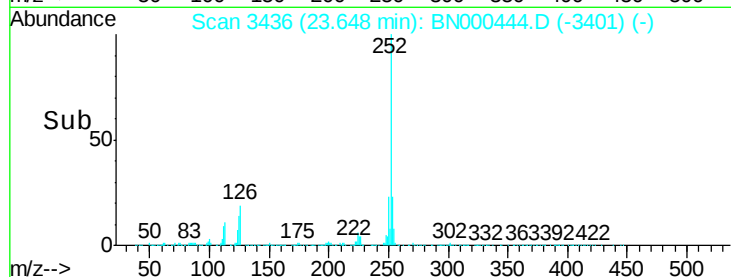
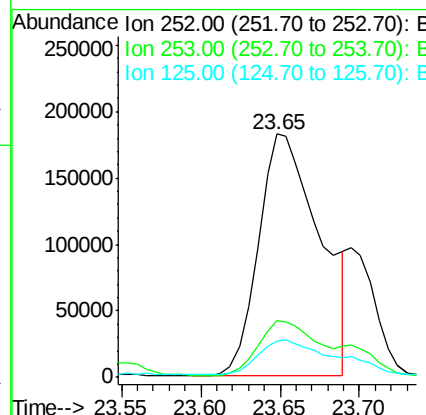
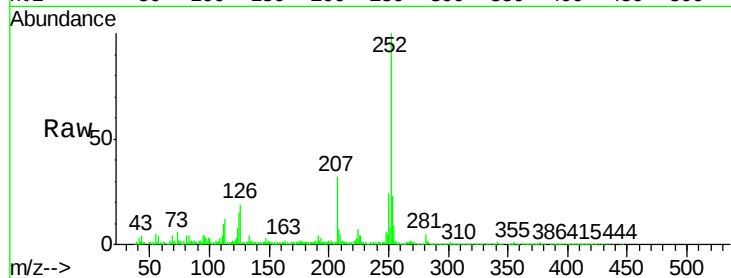
#23
Benzo(b)fluoranthene
Concen: 10.063 ng/ul
RT: 23.65 min Scan# 3436
Delta R.T. 0.01 min
Lab File: BN000444.D
Acq: 16 Mar 2018 18:16

Instrument :
BNA_N
ClientSampled :
DAMG7

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	15.1	8.0	12.0

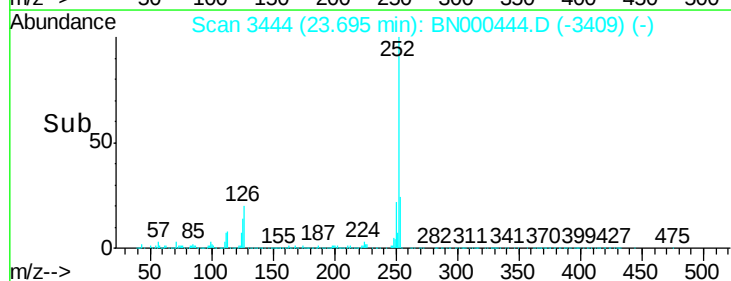
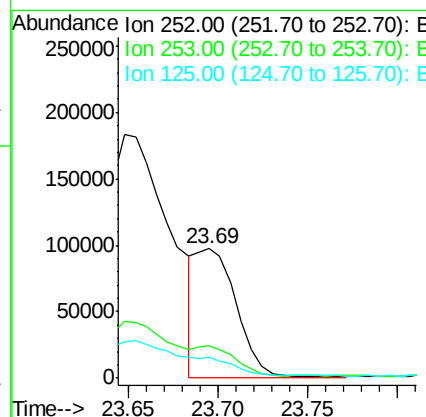
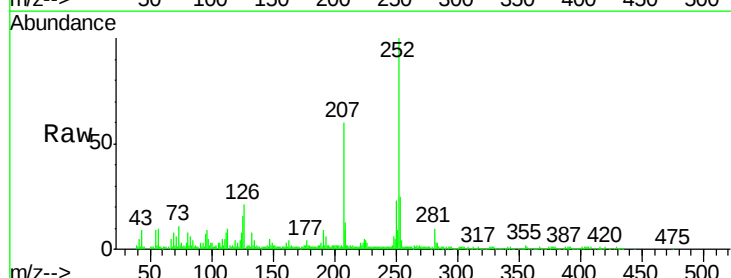
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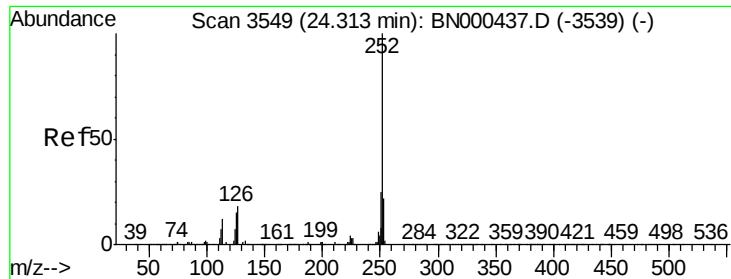
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#24
Benzo(k)fluoranthene
Concen: 3.427 ng/ul m
RT: 23.69 min Scan# 3444
Delta R.T. 0.01 min
Lab File: BN000444.D
Acq: 16 Mar 2018 18:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.0	27.0
125	16.0	8.1	12.1





#26

Benzo(a)pyrene

Concen: 6.474 ng/ul

RT: 24.31 min Scan# 3548

Delta R.T. 0.02 min

Lab File: BN000444.D

Acq: 16 Mar 2018 18:16

Instrument :

BNA_N

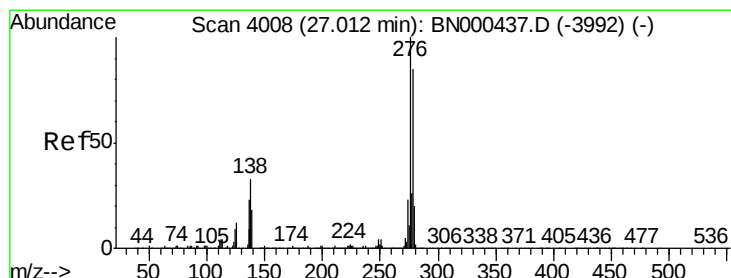
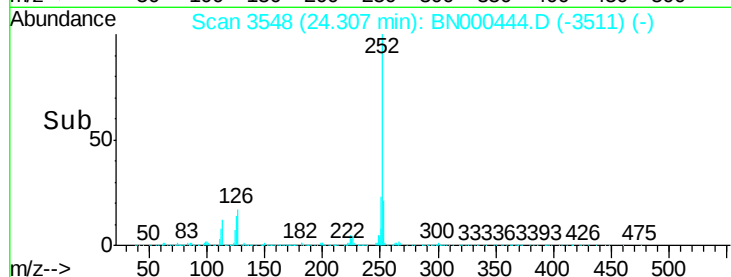
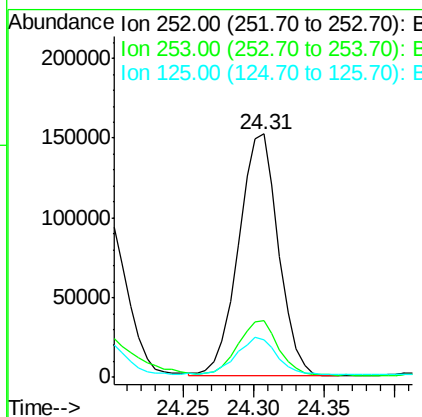
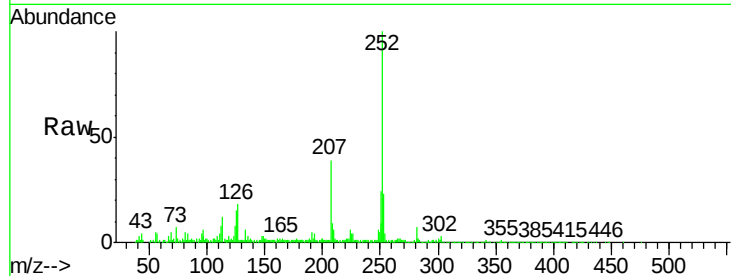
ClientSampled :

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Tot Ion:	252	Resp:	300665
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.2	25.8
125	15.3	8.2	12.4#

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#27

Indeno(1,2,3-cd)pyrene

Concen: 3.575 ng/ul

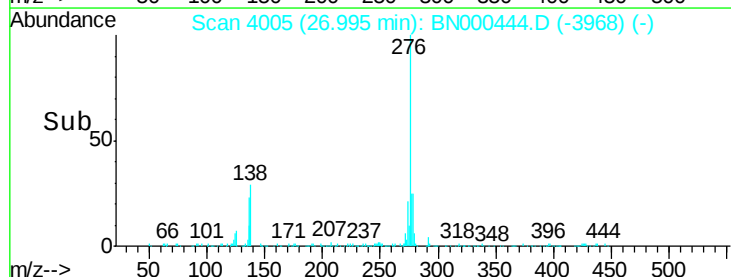
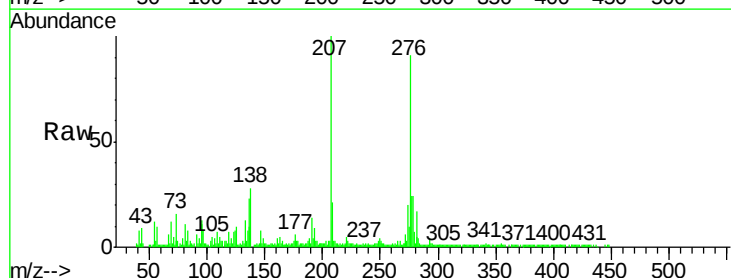
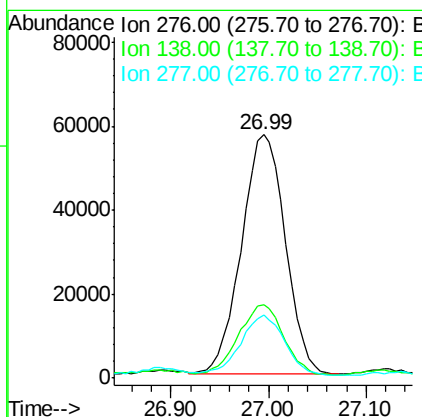
RT: 26.99 min Scan# 4005

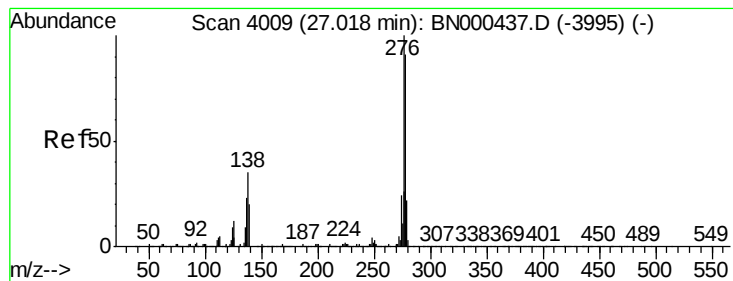
Delta R.T. 0.02 min

Lab File: BN000444.D

Acq: 16 Mar 2018 18:16

Tgt Ion:	276	Resp:	179018
Ion Ratio	Lower	Upper	
276	100		
138	30.4	14.4	21.6#
277	25.8	18.0	27.0





#28

Dibenzo(a,h)anthracene

Concen: 1.283 ng/ul

RT: 26.99 min Scan# 4005

Delta R.T. 0.01 min

Lab File: BN000444.D

Acq: 16 Mar 2018 18:16

Instrument :

BNA_N

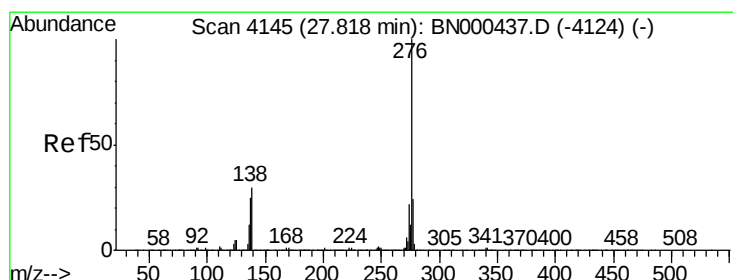
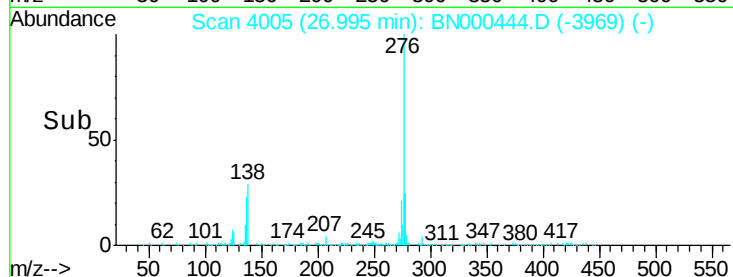
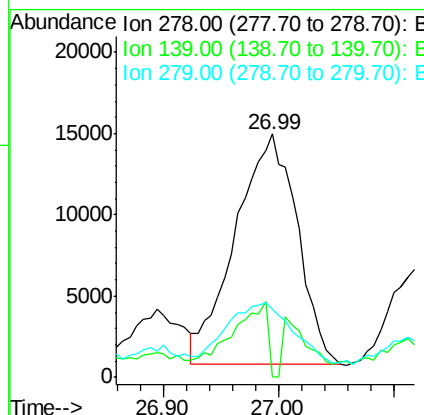
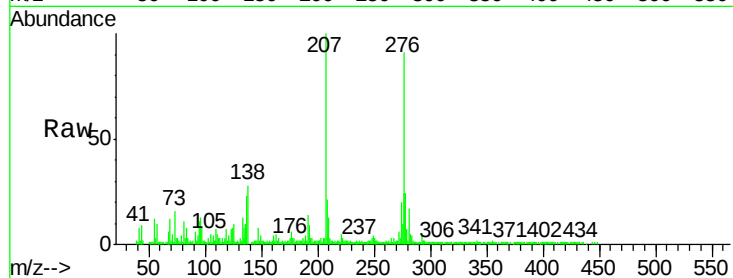
ClientSampled :

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Tot Ion:	278	Resp:	52644
Ion Ratio	Lower	Upper	
278	100		
139	0.0	12.2	18.4#
279	28.1	19.2	28.8

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#29

Benzo(g,h,i)perylene

Concen: 3.872 ng/ul

RT: 27.79 min Scan# 4141

Delta R.T. 0.02 min

Lab File: BN000444.D

Acq: 16 Mar 2018 18:16

Tgt Ion:	276	Resp:	161864
Ion Ratio	Lower	Upper	
276	100		
138	29.8	15.3	22.9#
277	25.1	19.0	28.4

