

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
 Data File : BN000427.D
 Acq On : 15 Mar 2018 21:47
 Operator : JU/SJ
 Sample : J1865-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAME7

Manual Integrations
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Quant Time: Mar 16 07:16:27 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 06:47:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	194124	20.00	ng/ul	0.00
2) Naphthalene-d8	11.30	136	919150	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	526398	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1187241	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	1050986	20.00	ng/ul	0.00
22) Perylene-d12	24.41	264	976829	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	1578547	30.21	ng/ul	0.00
10) Fluorene-d10	16.05	176	1034877	29.25	ng/ul	0.00
14) Anthracene-d10	17.89	188	1646850	29.69	ng/ul	0.00
18) Pyrene-d10	20.14	212	1739487	33.83	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.25	264	1326769	29.74	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.34	128	83033	1.712	ng/ul	99
4) 2-Methylnaphthalene	12.92	142	43156	1.264	ng/ul	96
5) 1-Methylnaphthalene	13.14	142	34377	1.003	ng/ul#	96
8) Acenaphthylene	14.80	152	60695	1.156	ng/ul	99
13) Phenanthrene	17.83	178	832150	12.222	ng/ul	100
15) Anthracene	17.92	178	141739	2.052	ng/ul	100
16) Fluoranthene	19.81	202	1382155	18.788	ng/ul#	93
19) Pyrene	20.17	202	1119495	16.871	ng/ul#	89
20) Benzo(a)anthracene	21.90	228	462728	7.082	ng/ul	97
21) Chrysene	21.95	228	531290	8.569	ng/ul	96
23) Benzo(b)fluoranthene	23.64	252	697752	11.979	ng/ul#	94
24) Benzo(k)fluoranthene	23.69	252	144553m	2.651	ng/ul	
26) Benzo(a)pyrene	24.29	252	395387	7.132	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.98	276	270817	4.531	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.98	278	74281	1.516	ng/ul#	70
29) Benzo(a,h,i)perylene	27.78	276	242170	4.852	ng/ul#	87

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

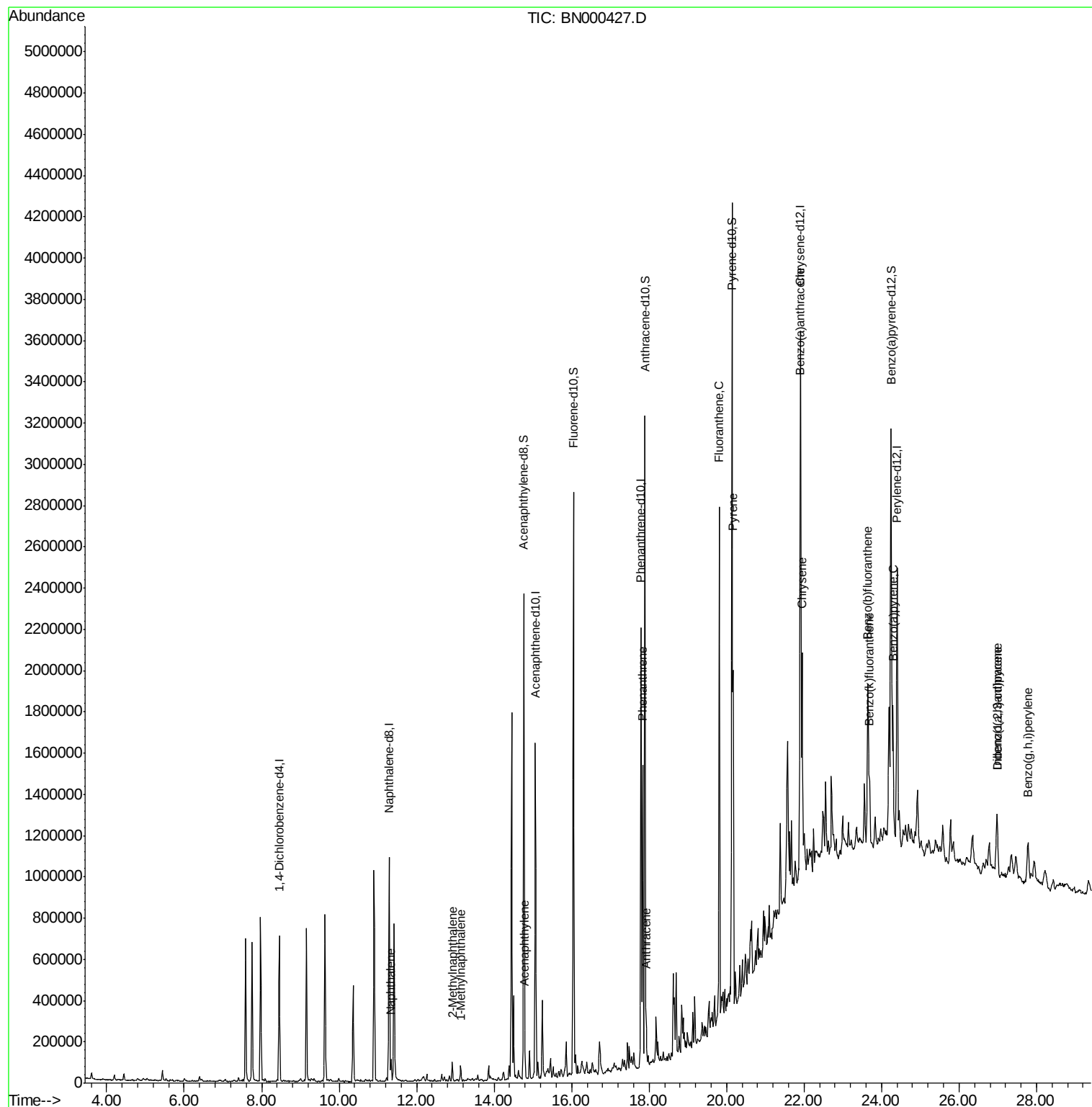
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
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Sample : J1865-21
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ALS Vial : 21 Sample Multiplier: 1

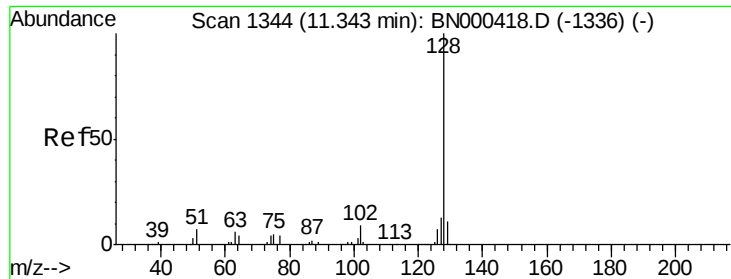
Instrument :
BNA_N
ClientSampled :
DAME7

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Quant Time: Mar 16 07:16:27 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 06:47:18 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.712 ng/ul

RT: 11.34 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BN000427.D

Acq: 15 Mar 2018 21:47

Instrument :

BNA_N

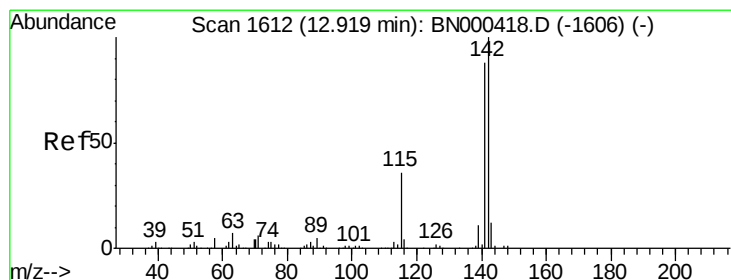
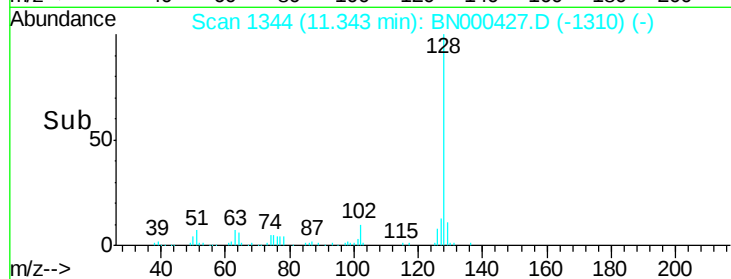
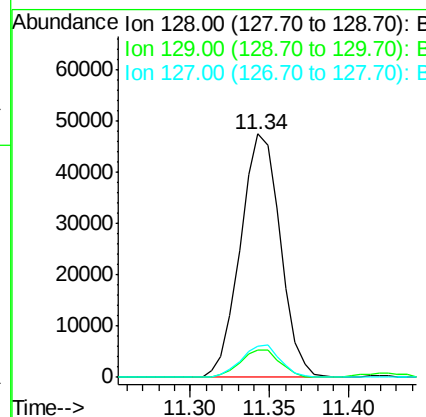
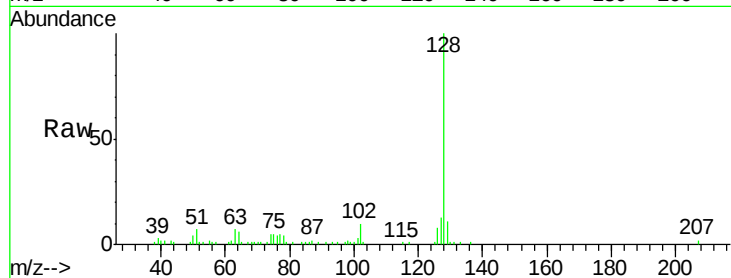
ClientSampleId :

DAME7

Tot Ion:	128	Resp:	83033
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	12.7	10.6	16.0

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#4

2-Methylnaphthalene

Concen: 1.264 ng/ul

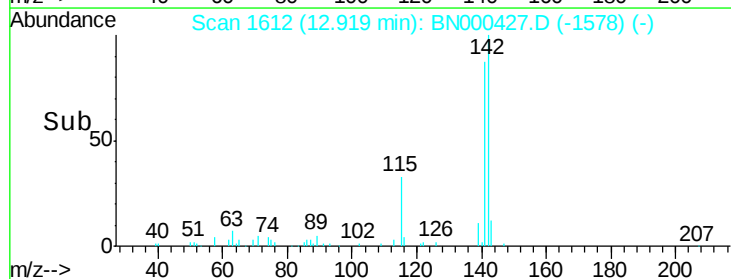
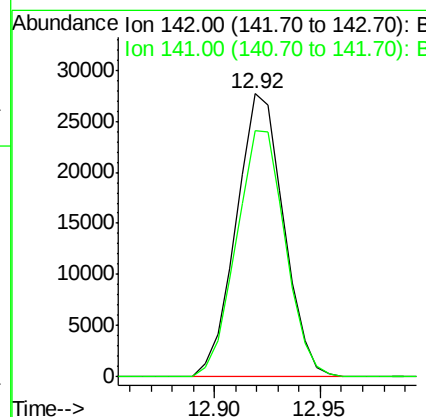
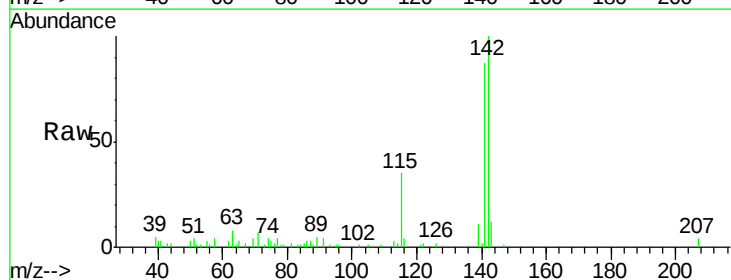
RT: 12.92 min Scan# 1612

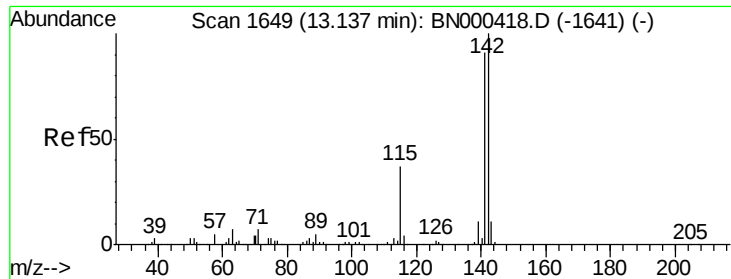
Delta R.T. -0.00 min

Lab File: BN000427.D

Acq: 15 Mar 2018 21:47

Tgt Ion:	142	Resp:	43156
Ion	Ratio	Lower	Upper
142	100		
141	86.8	72.7	109.1





#5

1-Methylnaphthalene

Concen: 1.003 ng/ul

RT: 13.14 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BN000427.D

Acq: 15 Mar 2018 21:47

Instrument :

BNA_N

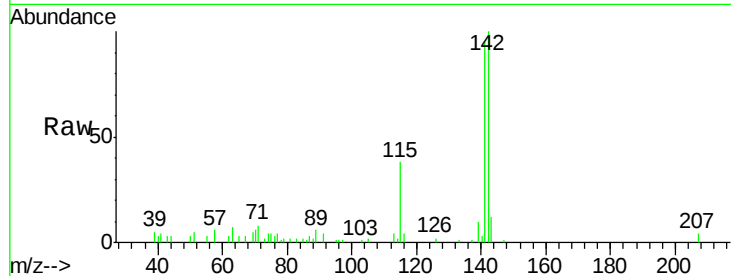
ClientSampleId :

DAME7

Tot Ion	Ratio	Lower	Upper
142	100		
141	95.3	79.3	118.9
116	4.1	4.2	6.2#

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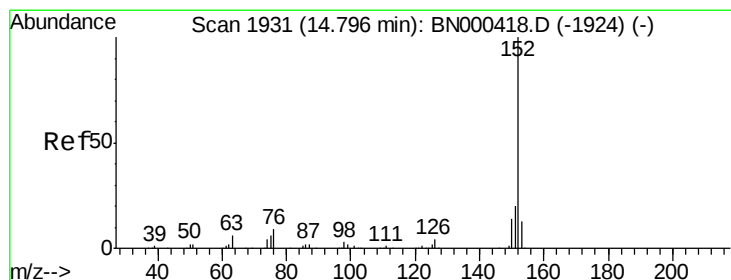
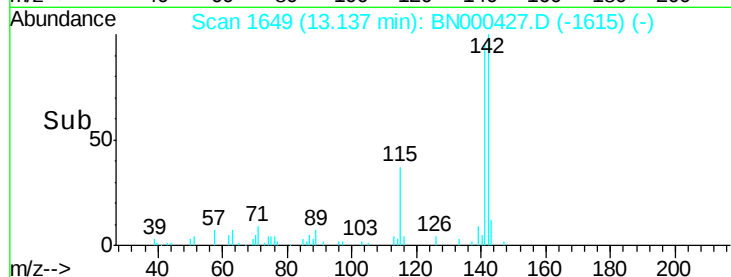
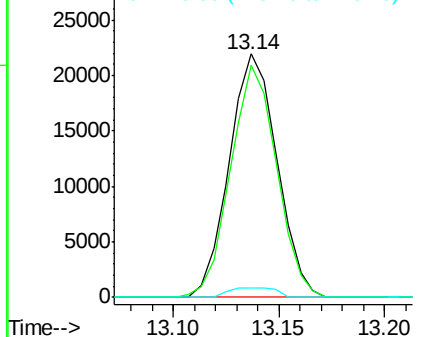


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#8

Acenaphthylene

Concen: 1.156 ng/ul

RT: 14.80 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BN000427.D

Acq: 15 Mar 2018 21:47

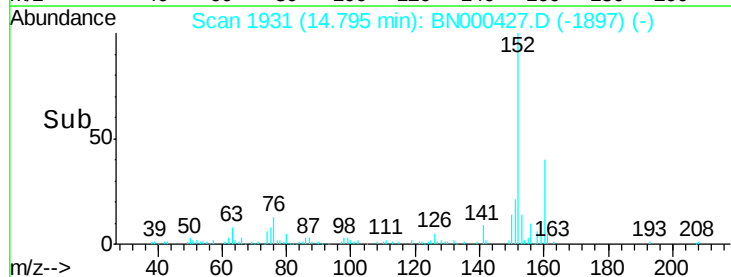
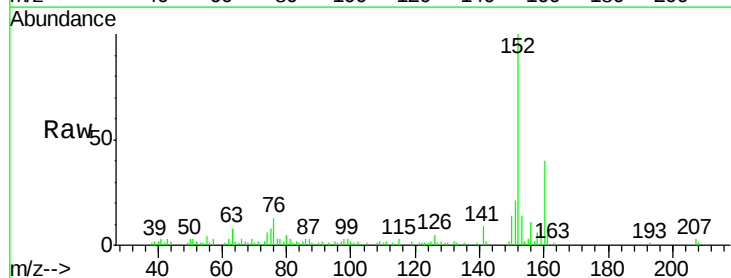
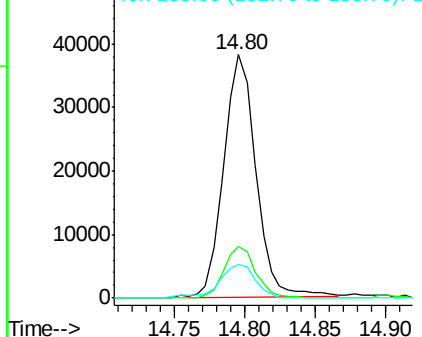
Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.7	25.1
153	14.0	10.2	15.4

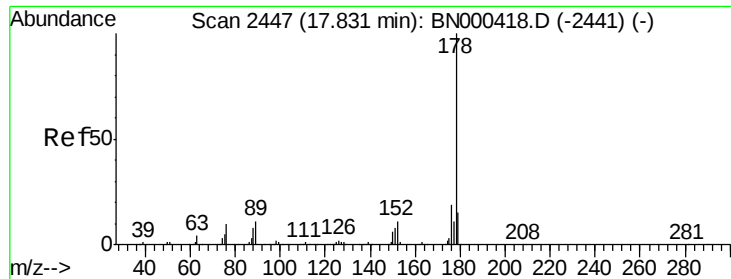
Abundance

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





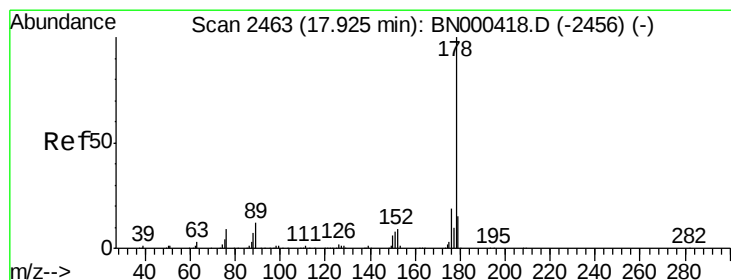
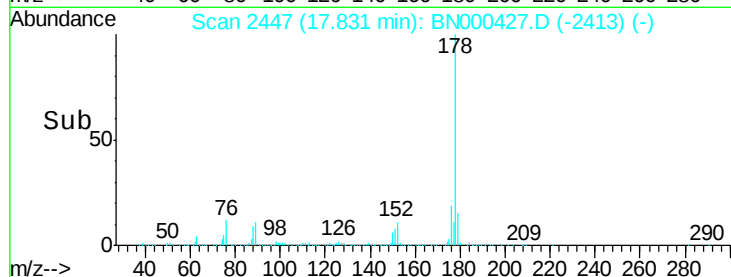
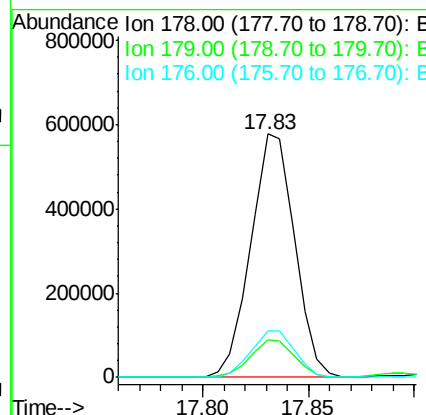
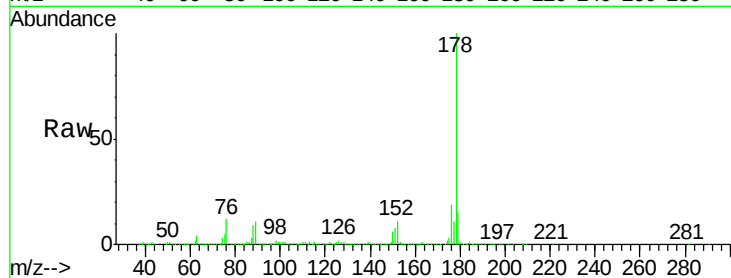
#13
Phenanthrene
Concen: 12.222 ng/ul
RT: 17.83 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BN000427.D
Acq: 15 Mar 2018 21:47

Instrument :
BNA_N
ClientSampleId :
DAME7

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.2	15.1	22.7

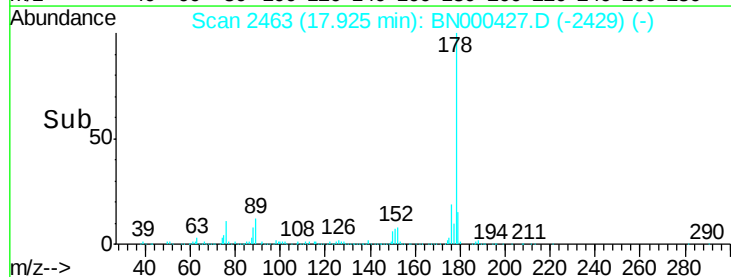
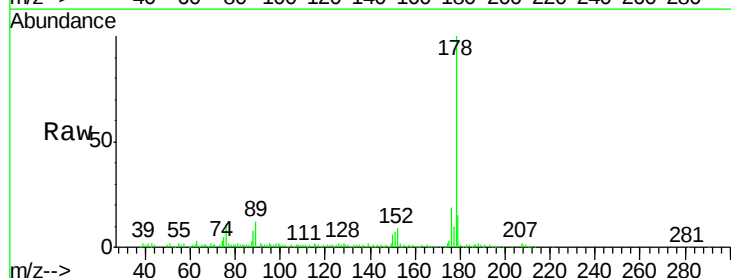
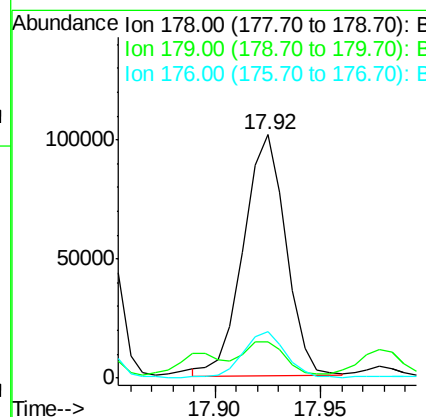
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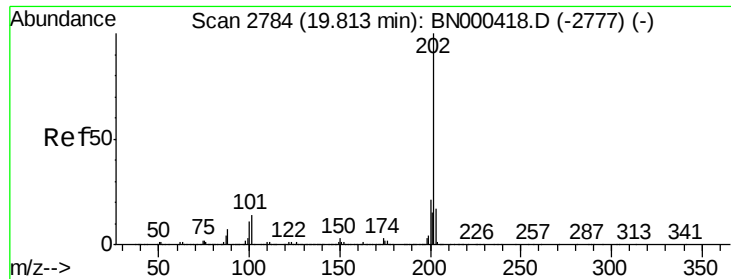
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#15
Anthracene
Concen: 2.052 ng/ul
RT: 17.92 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BN000427.D
Acq: 15 Mar 2018 21:47

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.8	17.8
176	19.0	15.2	22.8





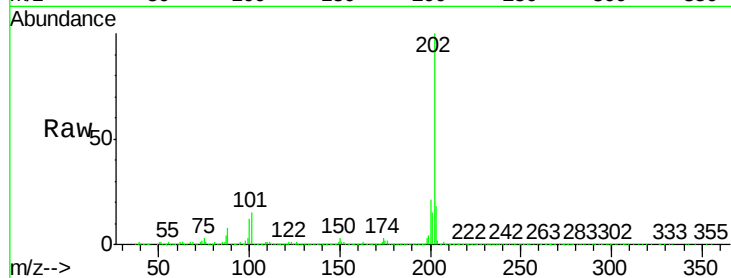
#16
 Fluoranthene
 Concen: 18.788 ng/ul
 RT: 19.81 min Scan# 2784
 Delta R.T. -0.00 min
 Lab File: BN000427.D
 Acq: 15 Mar 2018 21:47

Instrument :
 BNA_N
 ClientSampleId :
 DAME7

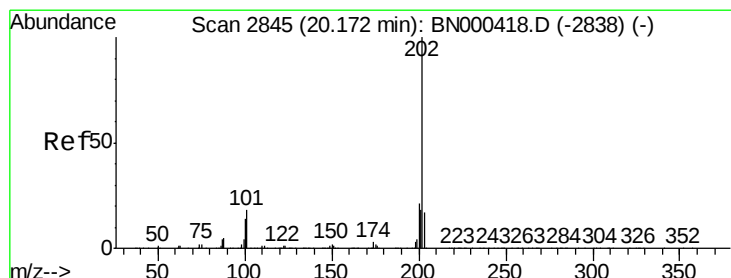
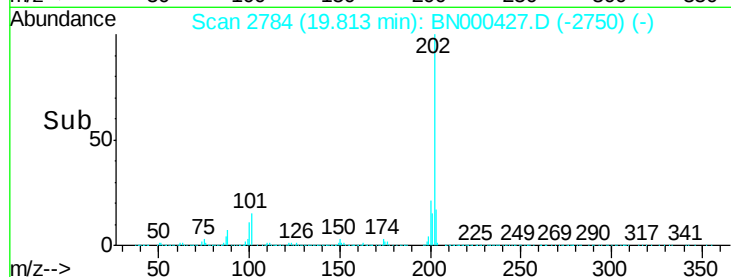
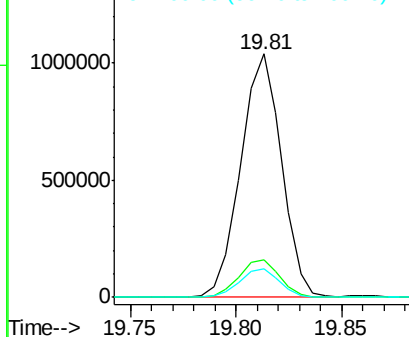
Tot Ion	Ratio	Resp	Lower	Upper
202	100	1382155		
101	15.3	9.9	14.9#	
100	11.6	7.4	11.0#	

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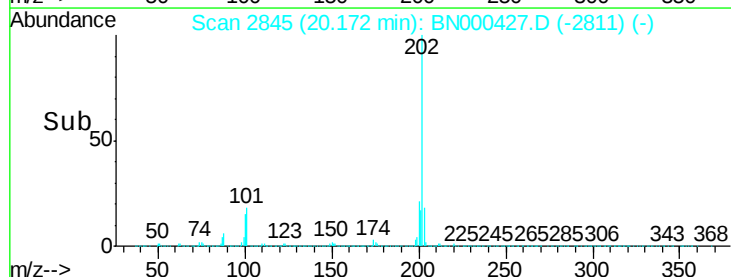
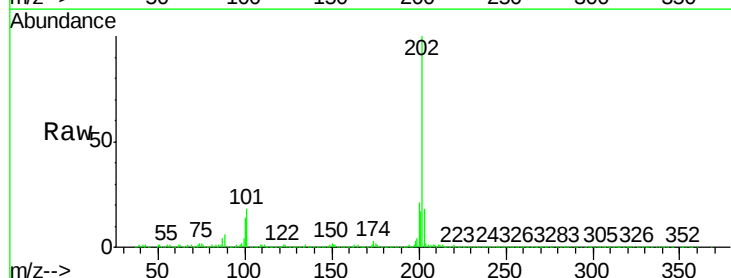
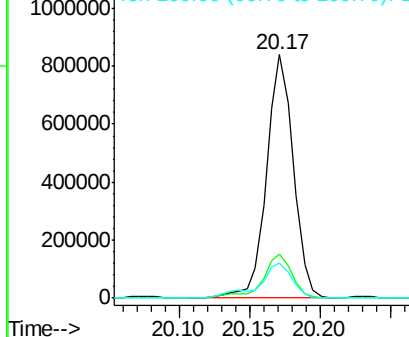
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

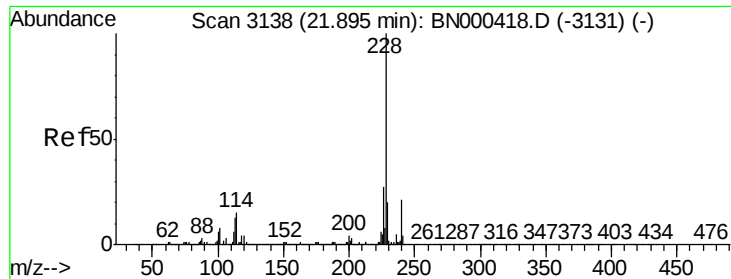


#19
 Pyrene
 Concen: 16.871 ng/ul
 RT: 20.17 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BN000427.D
 Acq: 15 Mar 2018 21:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1119495		
101	18.1	11.0	16.4#	
100	14.5	8.1	12.1#	

Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B





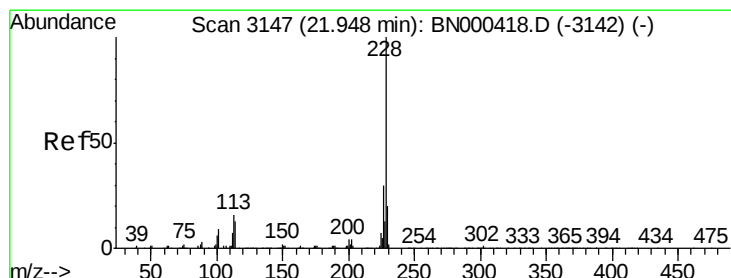
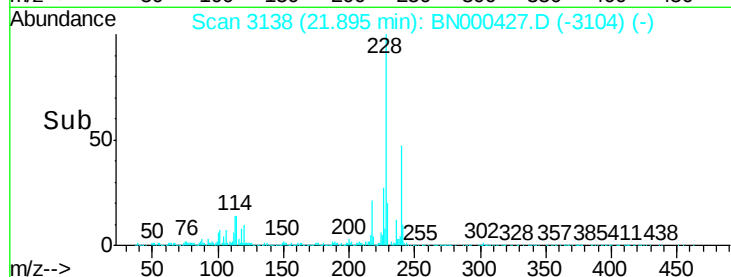
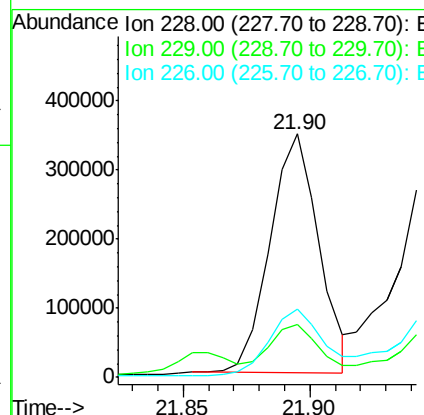
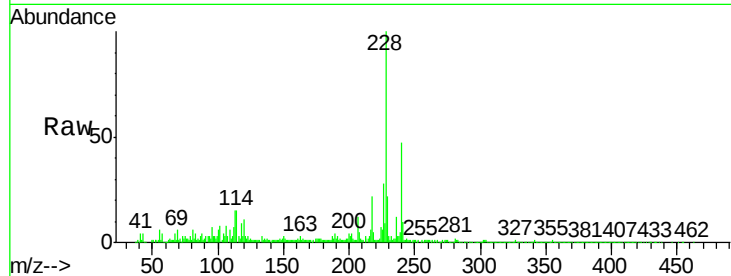
#20
Benzo(a)anthracene
Concen: 7.082 ng/ul
RT: 21.90 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BN000427.D
Acq: 15 Mar 2018 21:47

Instrument :
BNA_N
ClientSampleId :
DAME7

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.7	23.5
226	27.9	21.1	31.7

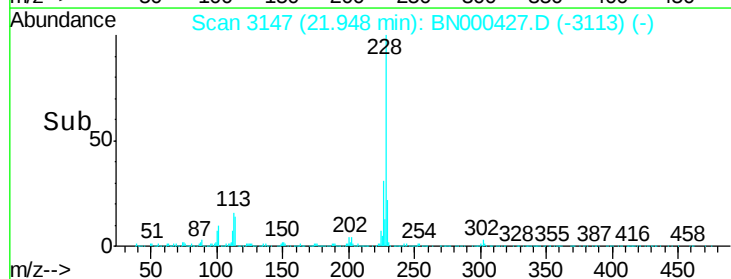
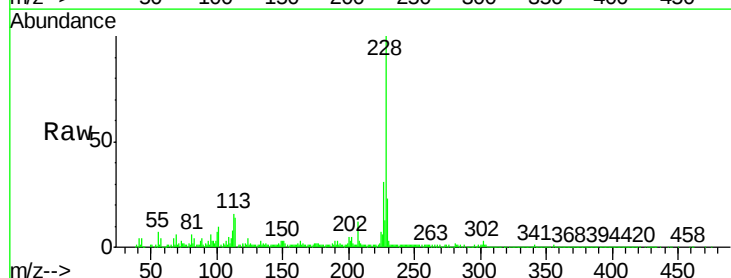
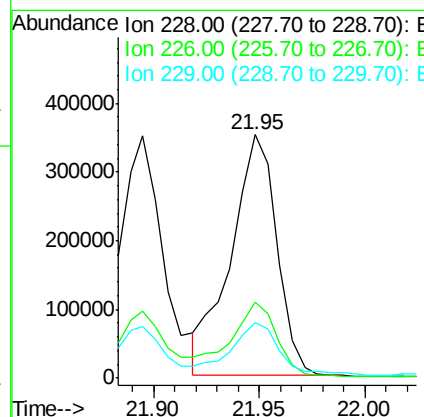
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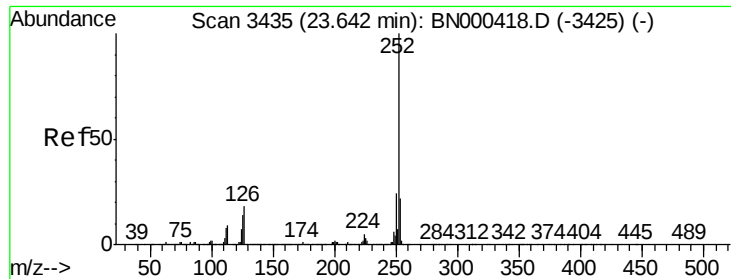
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#21
Chrysene
Concen: 8.569 ng/ul
RT: 21.95 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BN000427.D
Acq: 15 Mar 2018 21:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.5	36.7
229	22.9	15.8	23.8





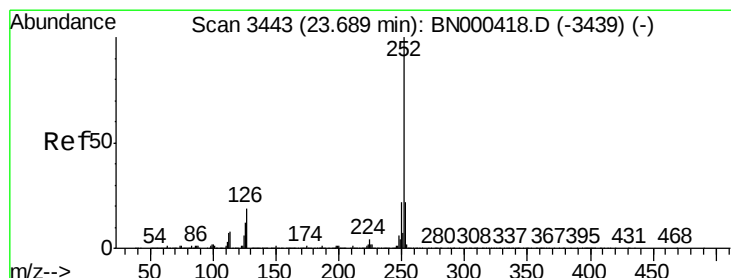
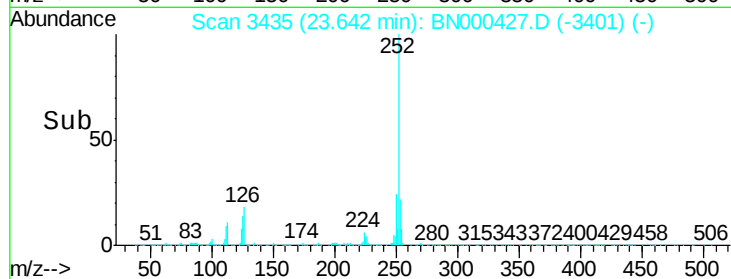
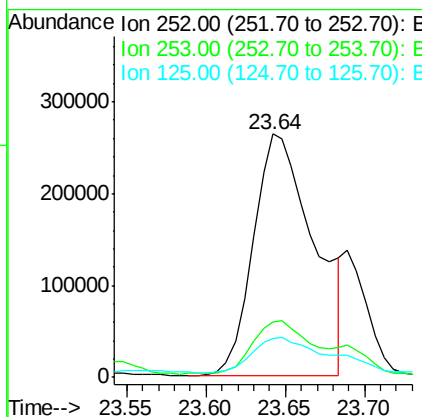
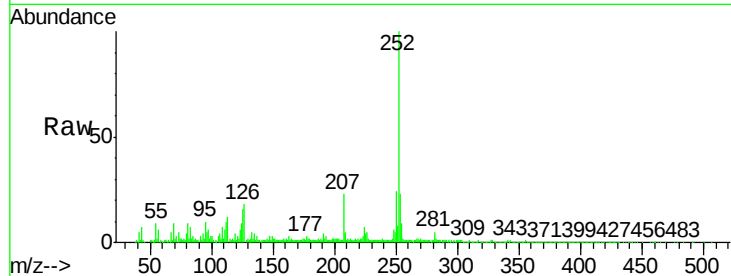
#23
Benzo(b)fluoranthene
Concen: 11.979 ng/ul
RT: 23.64 min Scan# 3435
Delta R.T. -0.00 min
Lab File: BN000427.D
Acq: 15 Mar 2018 21:47

Instrument :
BNA_N
ClientSampleId :
DAME7

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	15.9	8.0	12.0

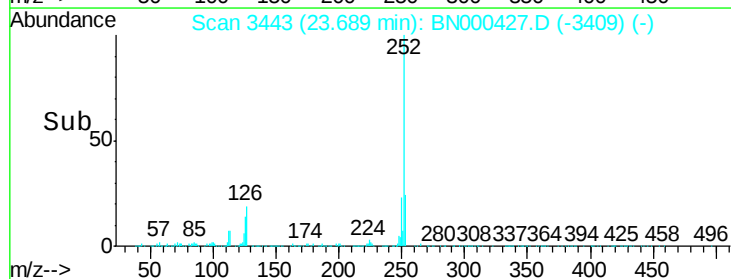
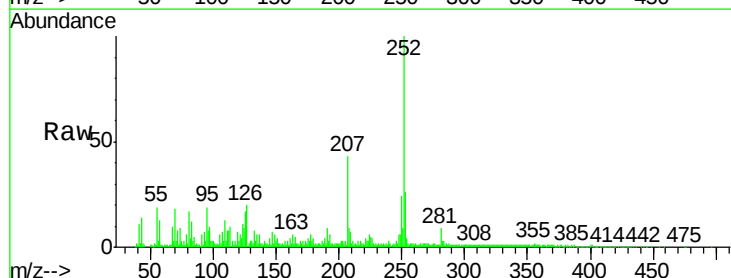
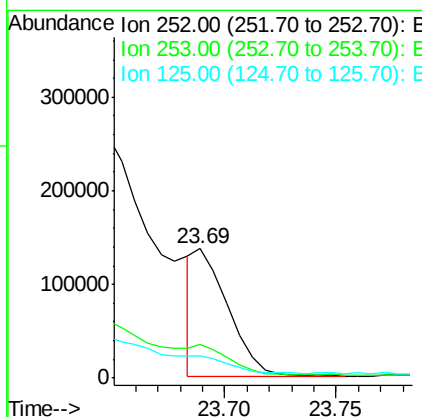
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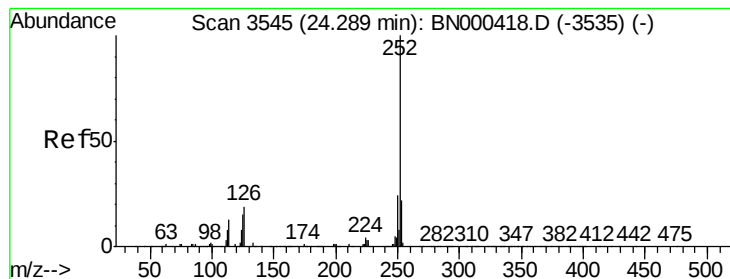
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#24
Benzo(k)fluoranthene
Concen: 2.651 ng/ul m
RT: 23.69 min Scan# 3443
Delta R.T. -0.00 min
Lab File: BN000427.D
Acq: 15 Mar 2018 21:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.0	27.0
125	17.4	8.1	12.1





#26

Benzo(a)pyrene

Concen: 7.132 ng/ul

RT: 24.29 min Scan# 3546

Delta R.T. 0.01 min

Lab File: BN000427.D

Acq: 15 Mar 2018 21:47

Instrument :

BNA_N

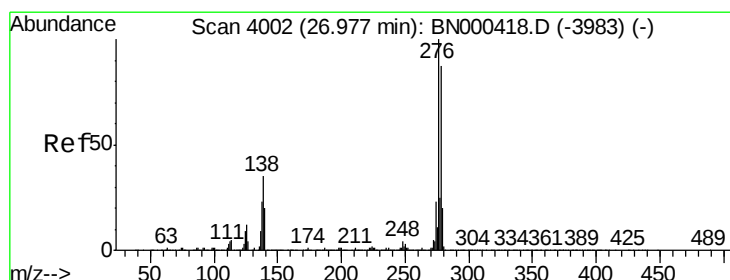
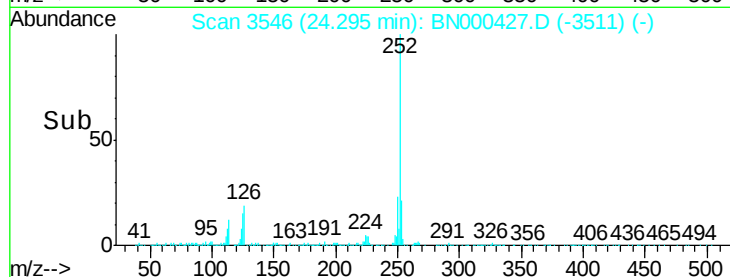
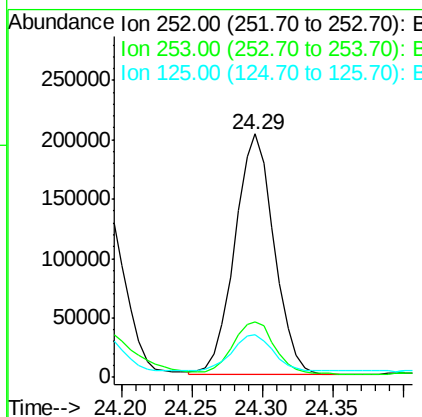
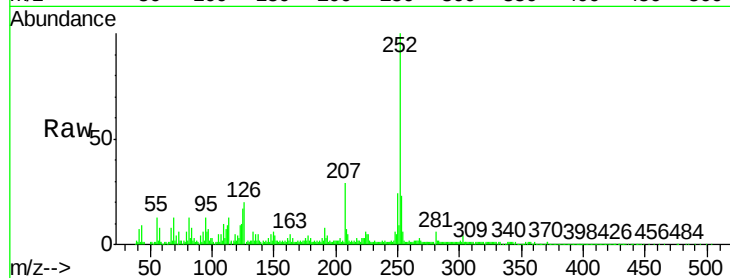
ClientSampled :

DAME7

Tot Ion:	252	Resp:	395387
Ion Ratio		Lower	Upper
252	100		
253	22.8	17.2	25.8
125	17.5	8.2	12.4

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#27

Indeno(1,2,3-cd)pyrene

Concen: 4.531 ng/ul

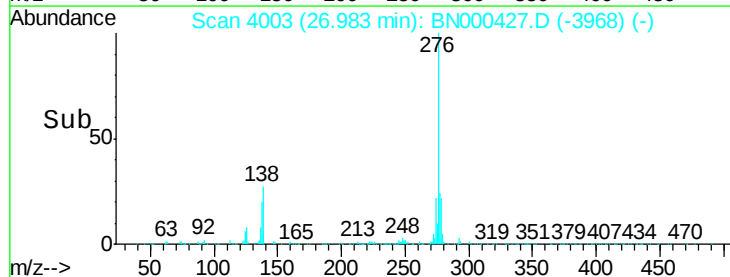
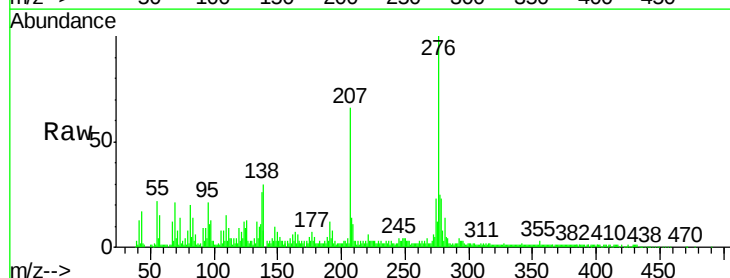
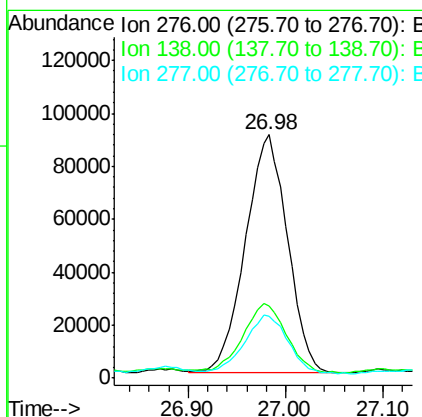
RT: 26.98 min Scan# 4003

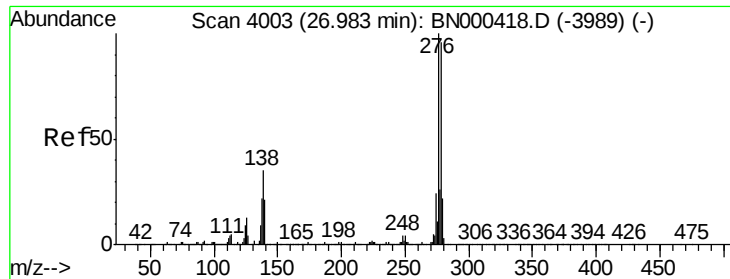
Delta R.T. 0.01 min

Lab File: BN000427.D

Acq: 15 Mar 2018 21:47

Tgt Ion:	276	Resp:	270817
Ion Ratio		Lower	Upper
276	100		
138	29.6	14.4	21.6
277	25.3	18.0	27.0





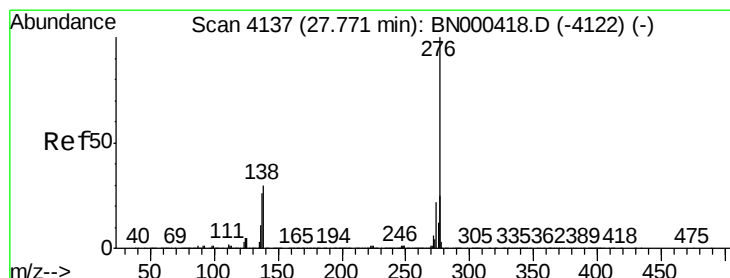
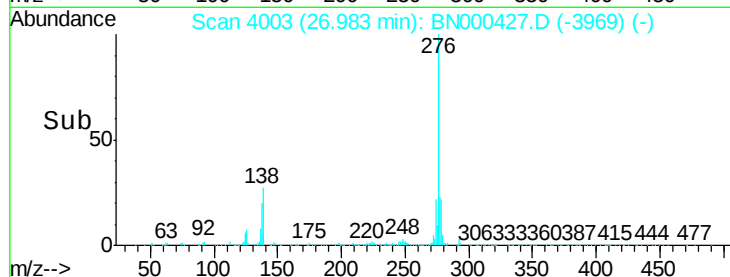
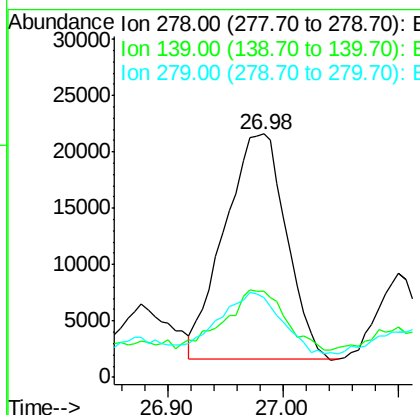
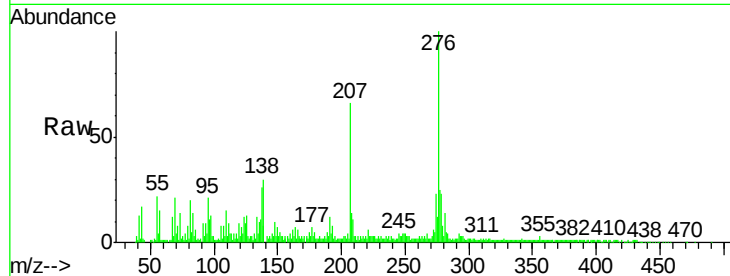
#28
Dibenzo(a,h)anthracene
Concen: 1.516 ng/ul
RT: 26.98 min Scan# 4003
Delta R.T. -0.00 min
Lab File: BN000427.D
Acq: 15 Mar 2018 21:47

Instrument :
BNA_N
ClientSampleId :
DAME7

Tot Ion	Ratio	Lower	Upper
278	100		
139	35.3	12.2	18.4#
279	32.9	19.2	28.8#

Manual Integrations
APPROVED

Sohil
3/16/2018 12:11:56 PM



#29
Benzo(g,h,i)perylene
Concen: 4.852 ng/ul
RT: 27.78 min Scan# 4138
Delta R.T. 0.01 min
Lab File: BN000427.D
Acq: 15 Mar 2018 21:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.2	15.3	22.9#
277	24.8	19.0	28.4

