

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
 Data File : BN000409.D
 Acq On : 15 Mar 2018 11:22
 Operator : JU/SJ
 Sample : J1866-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAME9

Manual Integrations
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Quant Time: Mar 16 05:54:22 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 05:42:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	206608	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1007533	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	575291	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1280651	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	1166646	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1063317	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1417983	24.83	ng/ul	0.00
10) Fluorene-d10	16.04	176	933174	24.13	ng/ul	0.00
14) Anthracene-d10	17.88	188	1438723	24.04	ng/ul	0.00
18) Pyrene-d10	20.14	212	1565439	27.43	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.24	264	1193215	24.57	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.83	178	393145	5.353	ng/ul	99
15) Anthracene	17.92	178	78902	1.059	ng/ul	99
16) Fluoranthene	19.81	202	869926	10.963	ng/ul#	94
19) Pyrene	20.17	202	732662	9.947	ng/ul#	89
20) Benzo(a)anthracene	21.89	228	438138	6.041	ng/ul	97
21) Chrysene	21.94	228	441141m	6.409	ng/ul	
23) Benzo(b)fluoranthene	23.64	252	513539	8.099	ng/ul#	95
24) Benzo(k)fluoranthene	23.68	252	142570m	2.402	ng/ul	
26) Benzo(a)pyrene	24.28	252	321854	5.333	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.96	276	193936	2.981	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.96	278	57008	1.069	ng/ul#	82
29) Benzo(g,h,i)perylene	27.76	276	196309	3.613	ng/ul#	86

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

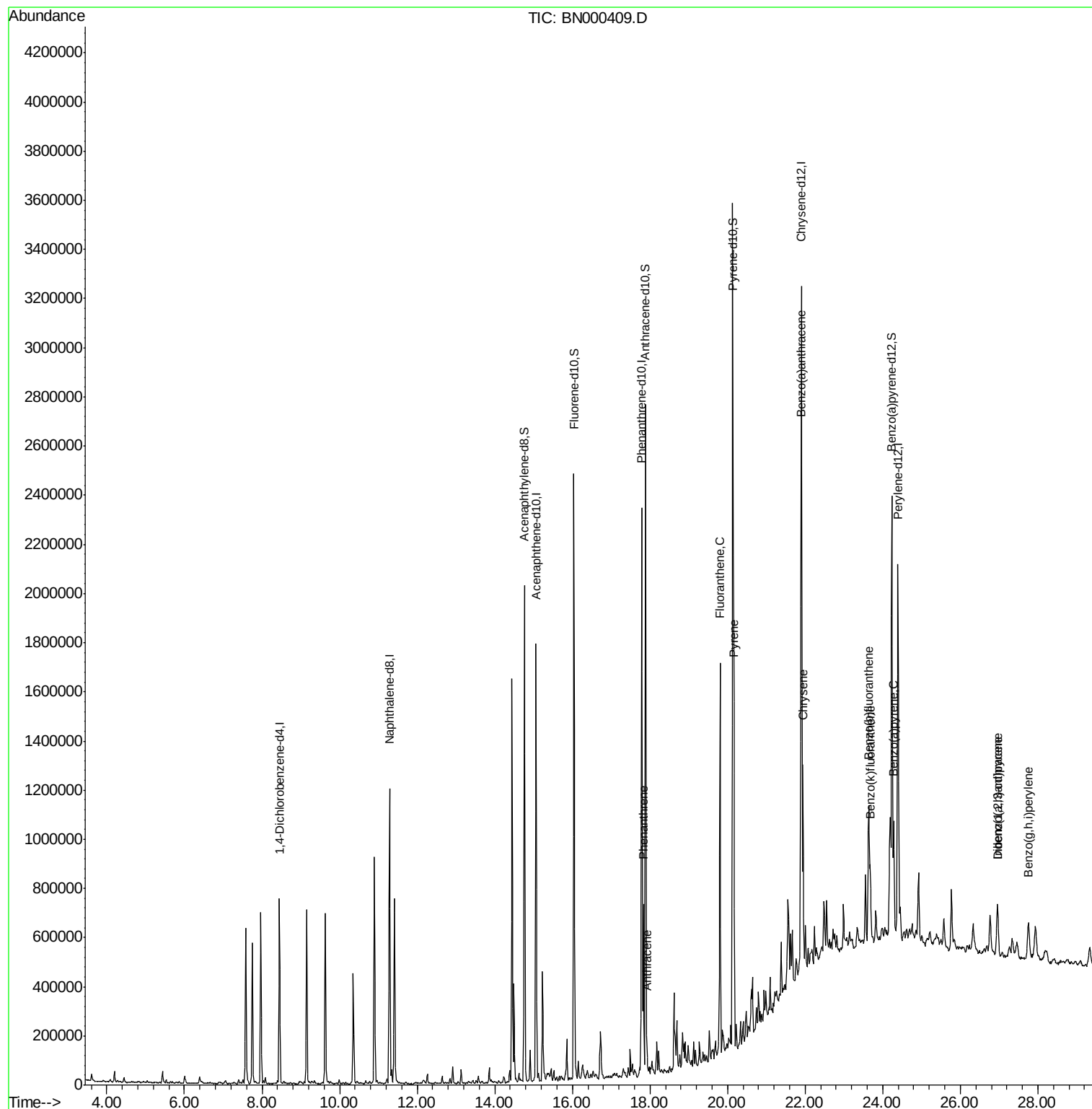
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
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ALS Vial : 4 Sample Multiplier: 1

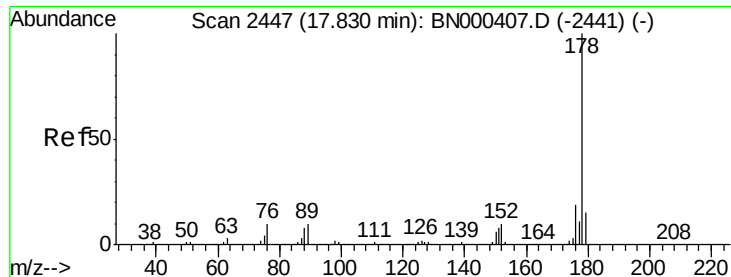
Instrument :
BNA_N
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DAME9

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#13

Phenanthrene

Concen: 5.353 ng/ul

RT: 17.83 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BN000409.D

Acq: 15 Mar 2018 11:22

Instrument :

BNA_N

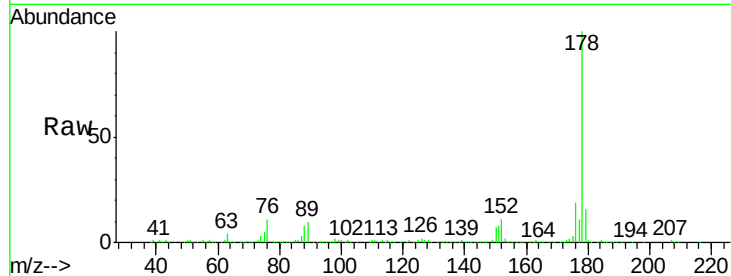
ClientSampled :

DAME9

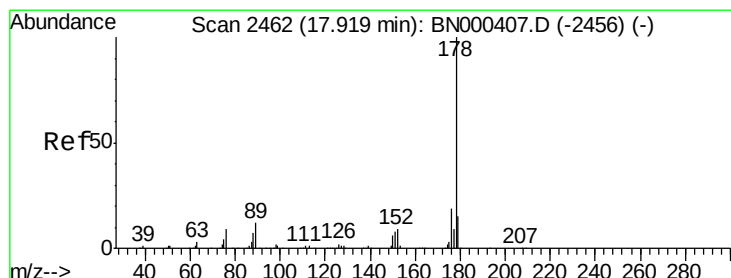
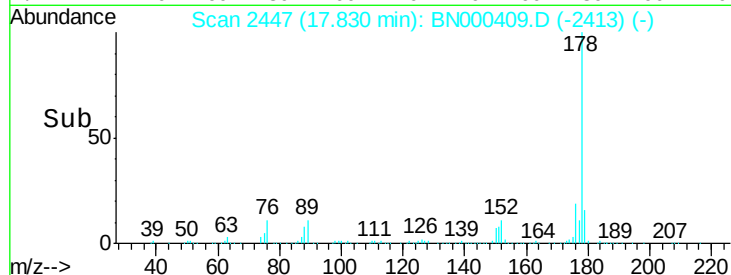
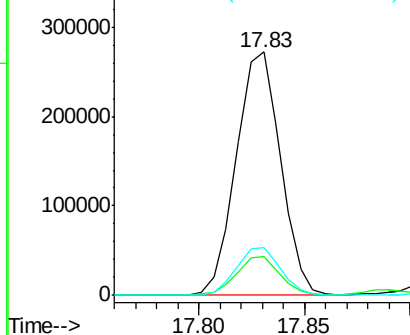
Tot Ion:	178	Resp:	393145
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.3	18.5
176	19.5	15.1	22.7

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#15

Anthracene

Concen: 1.059 ng/ul

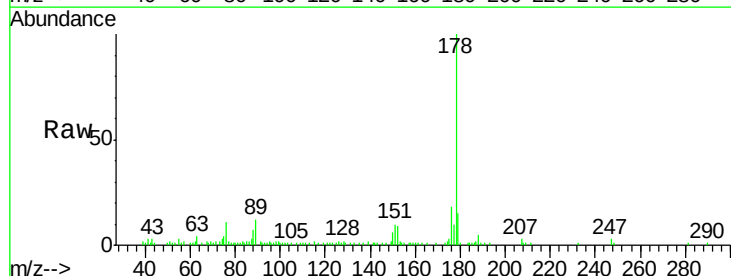
RT: 17.92 min Scan# 2462

Delta R.T. -0.00 min

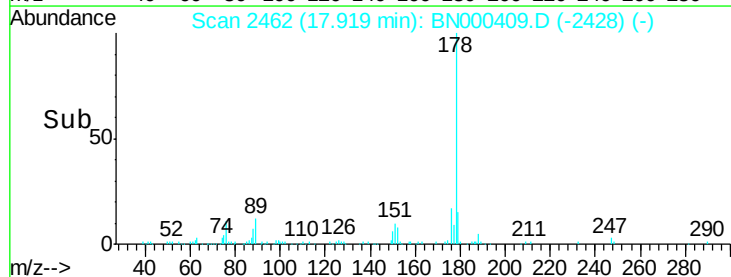
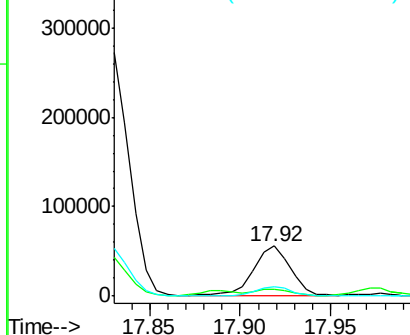
Lab File: BN000409.D

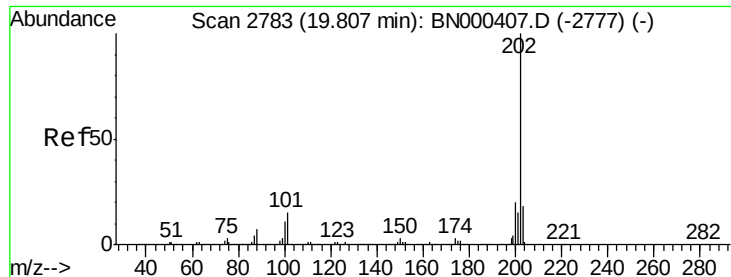
Acq: 15 Mar 2018 11:22

Tgt Ion:	178	Resp:	78902
Ion Ratio	Lower	Upper	
178	100		
179	14.8	11.8	17.8
176	18.5	15.2	22.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





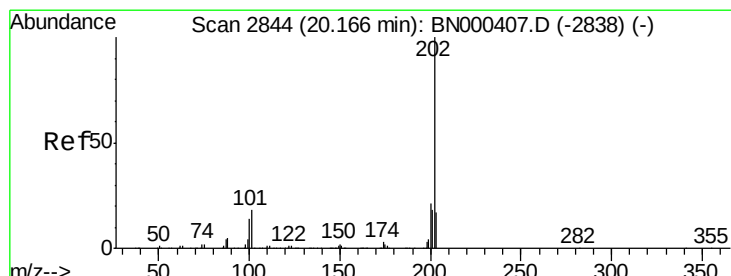
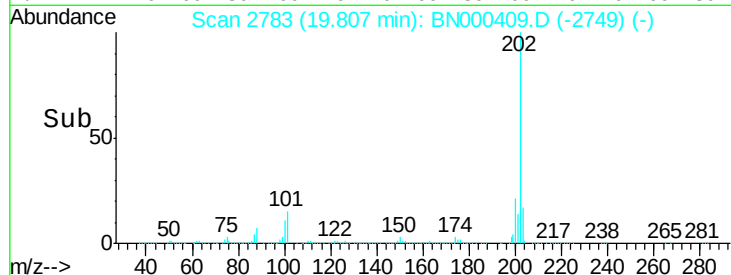
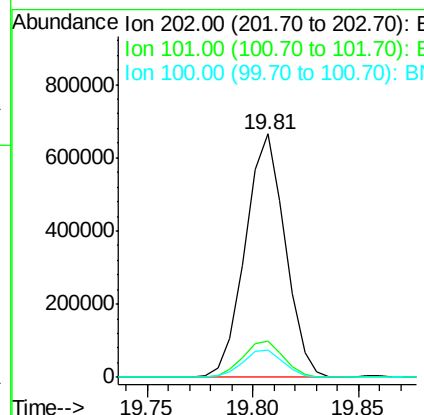
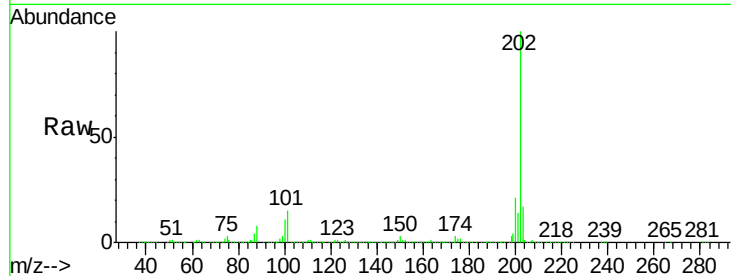
#16
Fluoranthene
Concen: 10.963 ng/ul
RT: 19.81 min Scan# 2783
Delta R.T. -0.00 min
Lab File: BN000409.D
Acq: 15 Mar 2018 11:22

Instrument :
BNA_N
ClientSampled :
DAME9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.9	9.9	14.9#
100	11.4	7.4	11.0#

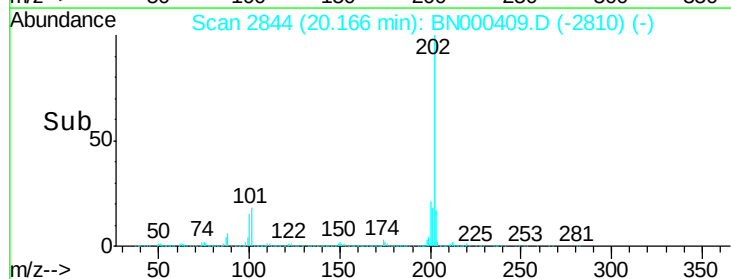
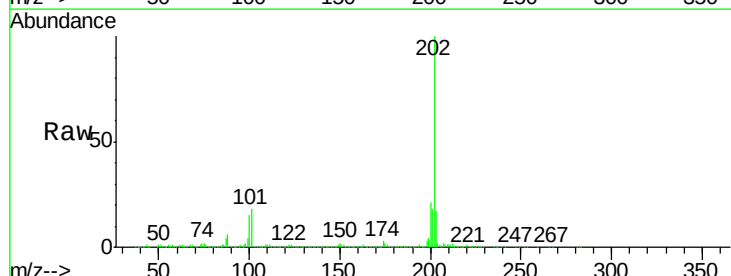
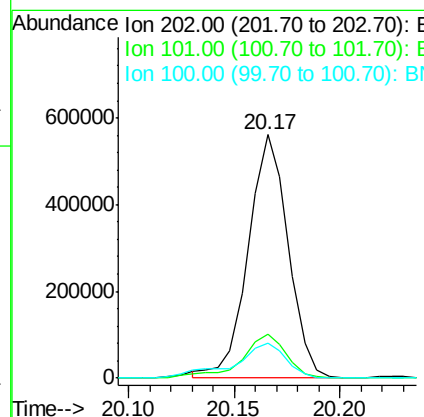
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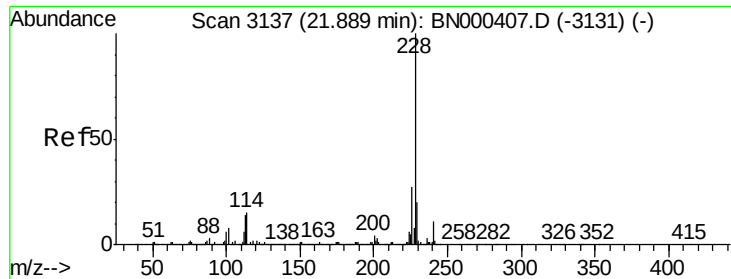
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#19
Pyrene
Concen: 9.947 ng/ul
RT: 20.17 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BN000409.D
Acq: 15 Mar 2018 11:22

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	18.0	11.0	16.4#
100	14.6	8.1	12.1#





#20

Benzo(a)anthracene

Concen: 6.041 ng/ul

RT: 21.89 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BN000409.D

Acq: 15 Mar 2018 11:22

Instrument :

BNA_N

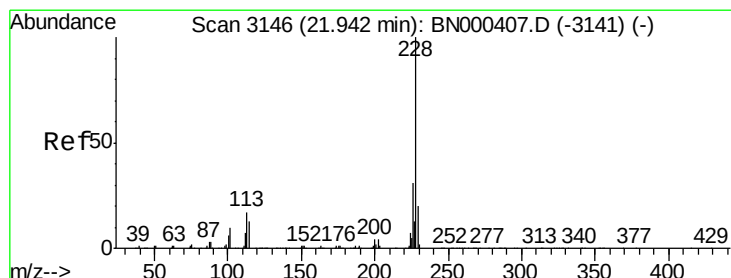
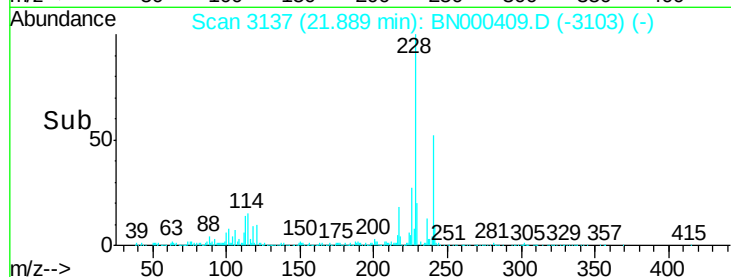
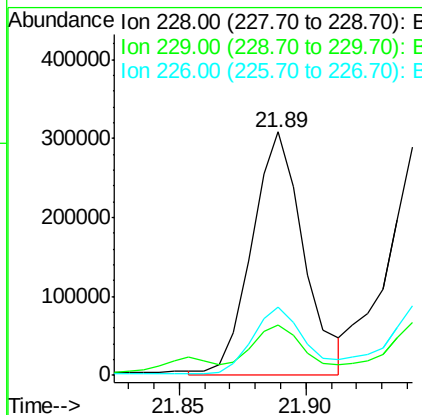
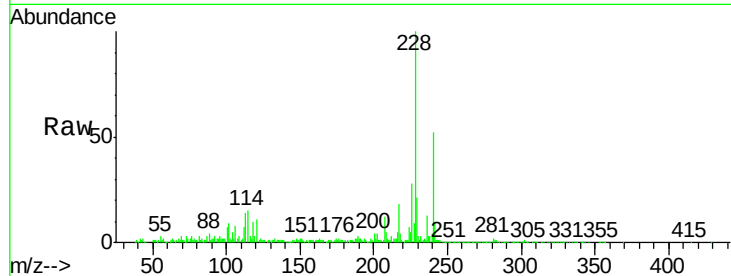
ClientSampled :

DAME9

Tot Ion:	228	Resp:	438138
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.7	23.5
226	27.8	21.1	31.7

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#21

Chrysene

Concen: 6.409 ng/ul m

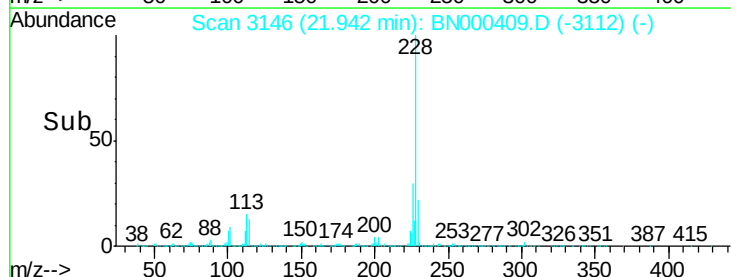
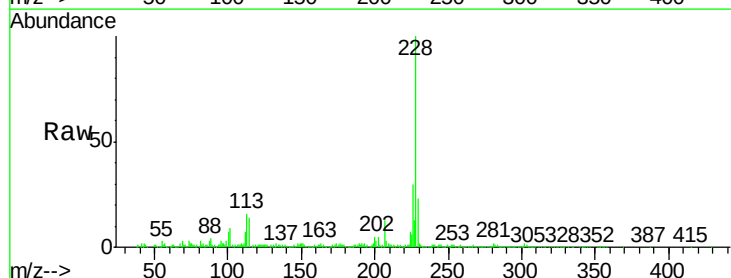
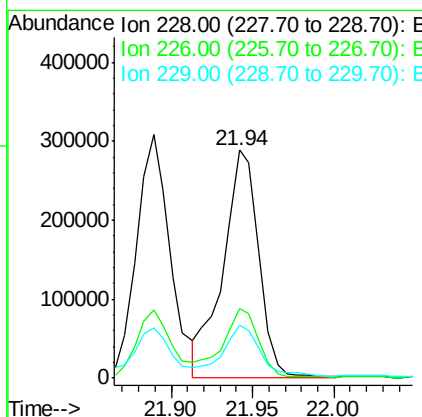
RT: 21.94 min Scan# 3146

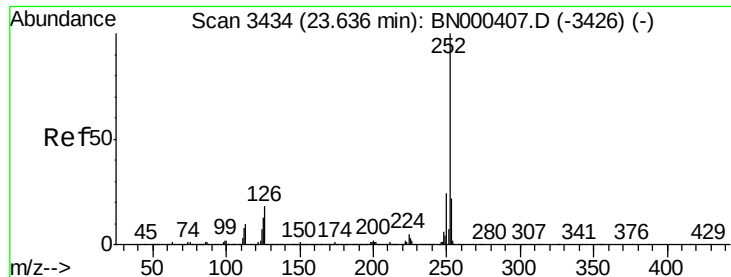
Delta R.T. -0.00 min

Lab File: BN000409.D

Acq: 15 Mar 2018 11:22

Tgt Ion:	228	Resp:	441141
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.5	36.7
229	22.9	15.8	23.8





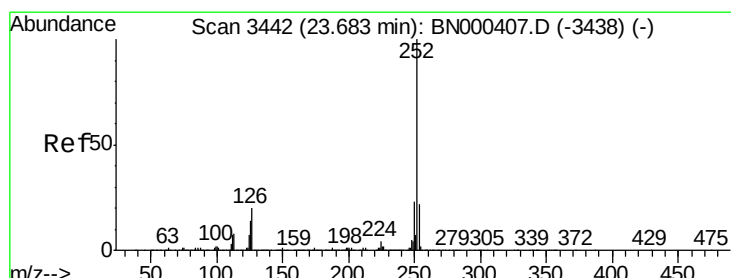
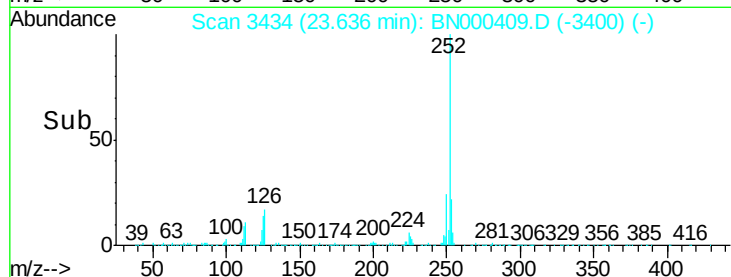
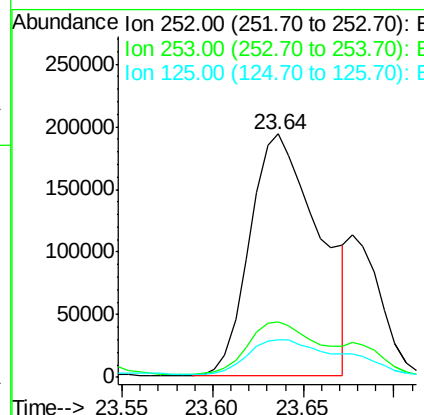
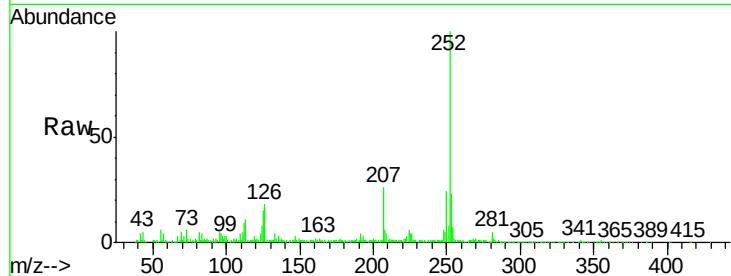
#23
Benzo(b)fluoranthene
Concen: 8.099 ng/ul
RT: 23.64 min Scan# 3434
Delta R.T. -0.00 min
Lab File: BN000409.D
Acq: 15 Mar 2018 11:22

Instrument :
BNA_N
ClientSampled :
DAME9

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	15.3	8.0	12.0

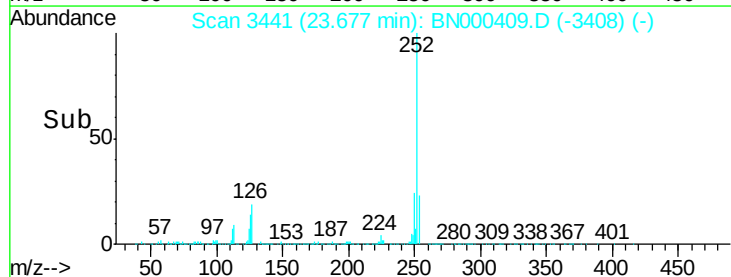
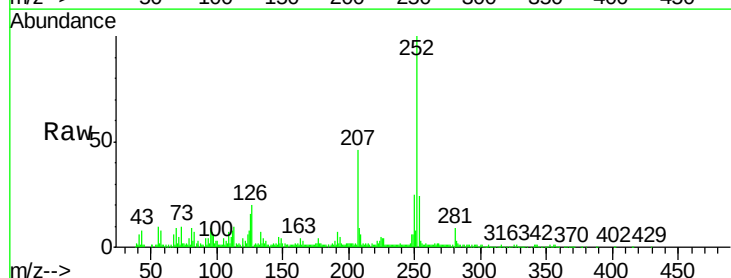
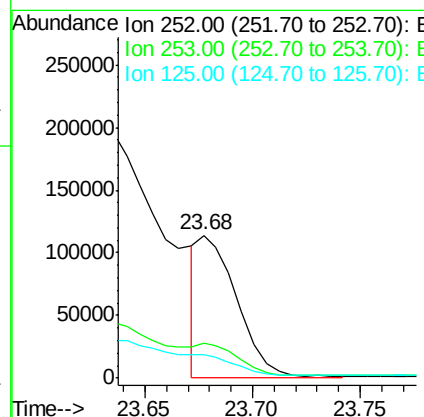
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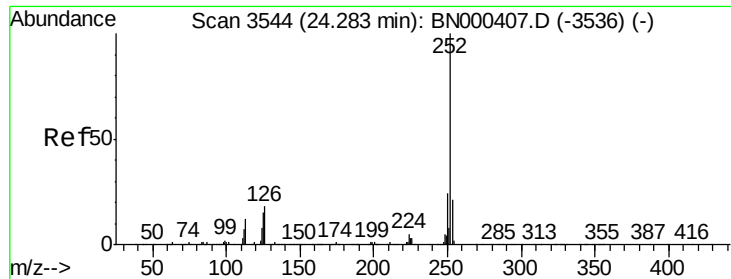
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#24
Benzo(k)fluoranthene
Concen: 2.402 ng/ul m
RT: 23.68 min Scan# 3441
Delta R.T. -0.01 min
Lab File: BN000409.D
Acq: 15 Mar 2018 11:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	16.4	8.1	12.1





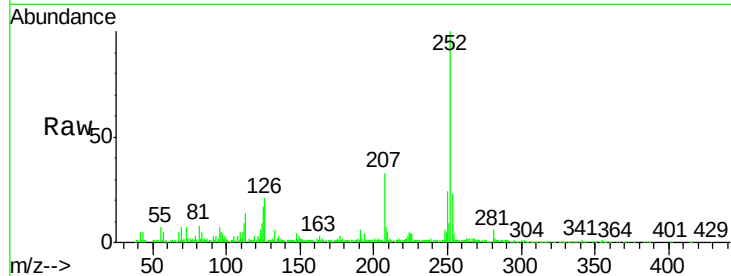
#26
Benzo(a)pyrene
Concen: 5.333 ng/ul
RT: 24.28 min Scan# 3544
Delta R.T. -0.00 min
Lab File: BN000409.D
Acq: 15 Mar 2018 11:22

Instrument :
BNA_N
ClientSampled :
DAME9

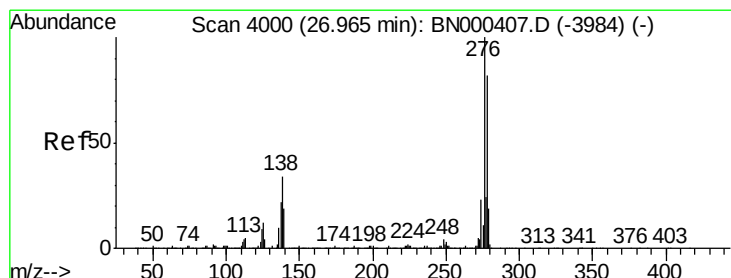
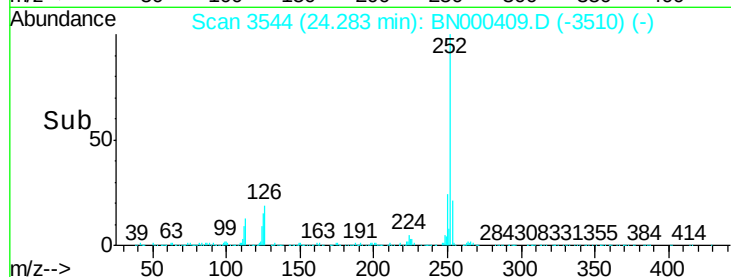
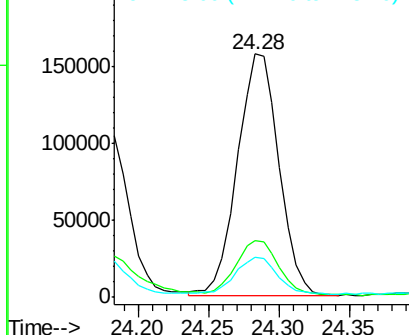
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	16.6	8.2	12.4

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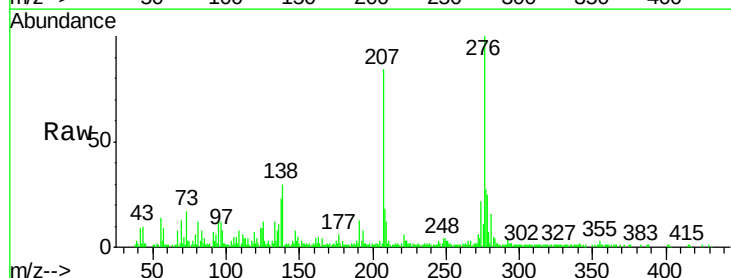


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

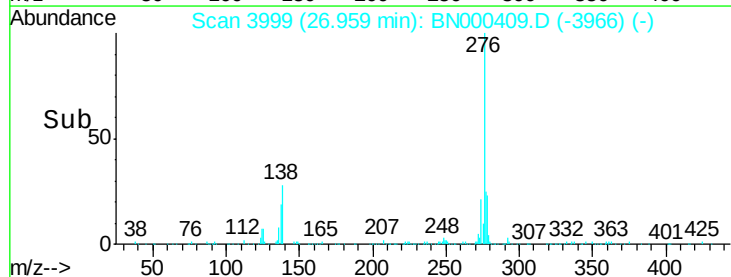
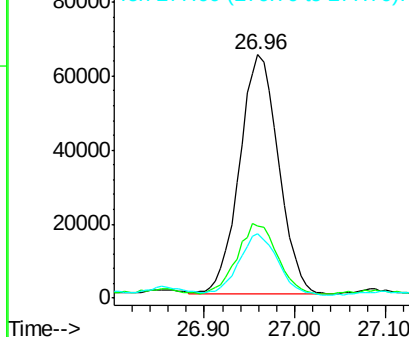


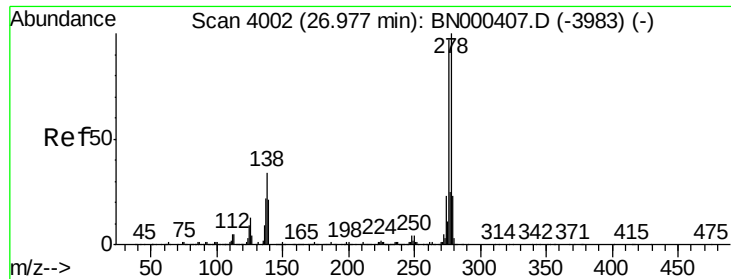
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.981 ng/ul
RT: 26.96 min Scan# 3999
Delta R.T. -0.01 min
Lab File: BN000409.D
Acq: 15 Mar 2018 11:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.8	14.4	21.6
277	26.5	18.0	27.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





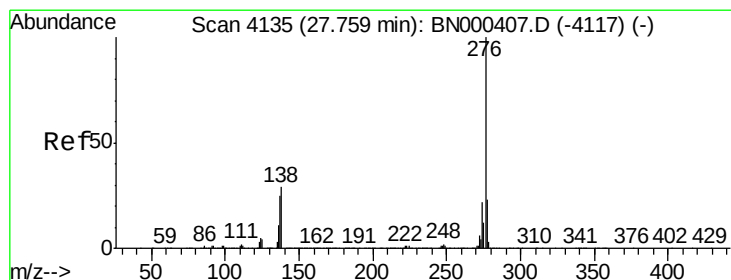
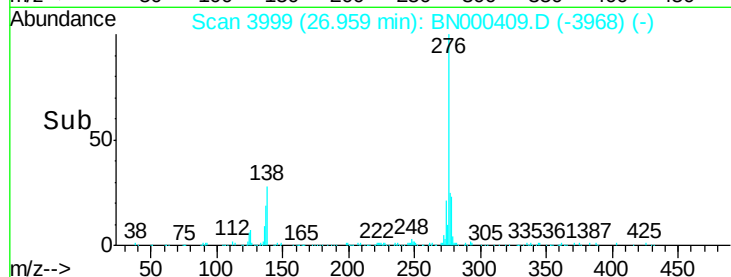
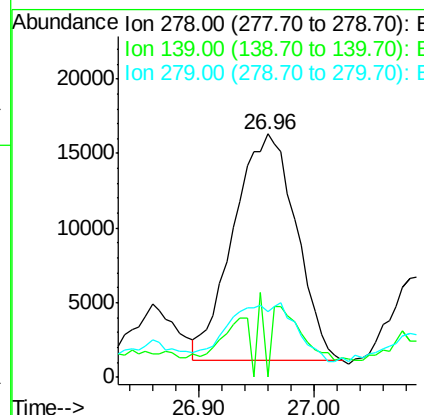
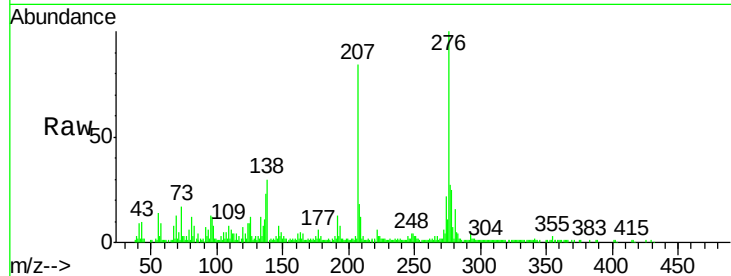
#28
Dibenzo(a,h)anthracene
Concen: 1.069 ng/ul
RT: 26.96 min Scan# 3999
Delta R.T. -0.02 min
Lab File: BN000409.D
Acq: 15 Mar 2018 11:22

Instrument :
BNA_N
ClientSampleId :
DAME9

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	27.1	19.2	28.8

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#29
Benzo(g,h,i)perylene
Concen: 3.613 ng/ul
RT: 27.76 min Scan# 4135
Delta R.T. -0.00 min
Lab File: BN000409.D
Acq: 15 Mar 2018 11:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.3	15.3	22.9#
277	25.0	19.0	28.4

