

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
 Data File : BN000410.D
 Acq On : 15 Mar 2018 11:56
 Operator : JU/SJ
 Sample : J1866-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAME9MS

Manual Integrations
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Quant Time: Mar 16 05:56:41 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	156966	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	783692	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	460820	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1073256	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	1036050	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	941156	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	1509900	33.01	ng/ul	0.00
10) Fluorene-d10	16.04	176	1023397	33.04	ng/ul	0.00
14) Anthracene-d10	17.88	188	1652414	32.95	ng/ul	0.00
18) Pyrene-d10	20.14	212	1845873	36.42	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.24	264	1456801	33.90	ng/ul	0.00
Target Compounds				Ovalue		
9) Acenaphthene	15.12	153	933062	29.168	ng/ul	95
13) Phenanthrene	17.83	178	153884	2.500	ng/ul	99
16) Fluoranthene	19.81	202	347682	5.228	ng/ul#	94
19) Pyrene	20.17	202	2486523	38.014	ng/ul#	90
20) Benzo(a)anthracene	21.89	228	186084m	2.889	ng/ul	
21) Chrysene	21.94	228	183887m	3.008	ng/ul	
23) Benzo(b)fluoranthene	23.64	252	229556	4.090	ng/ul#	93
24) Benzo(k)fluoranthene	23.68	252	62918m	1.198	ng/ul	
26) Benzo(a)pyrene	24.28	252	145852	2.731	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.97	276	94777	1.646	ng/ul#	84
29) Benzo(g,h,i)perylene	27.76	276	104946	2.182	ng/ul#	85

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

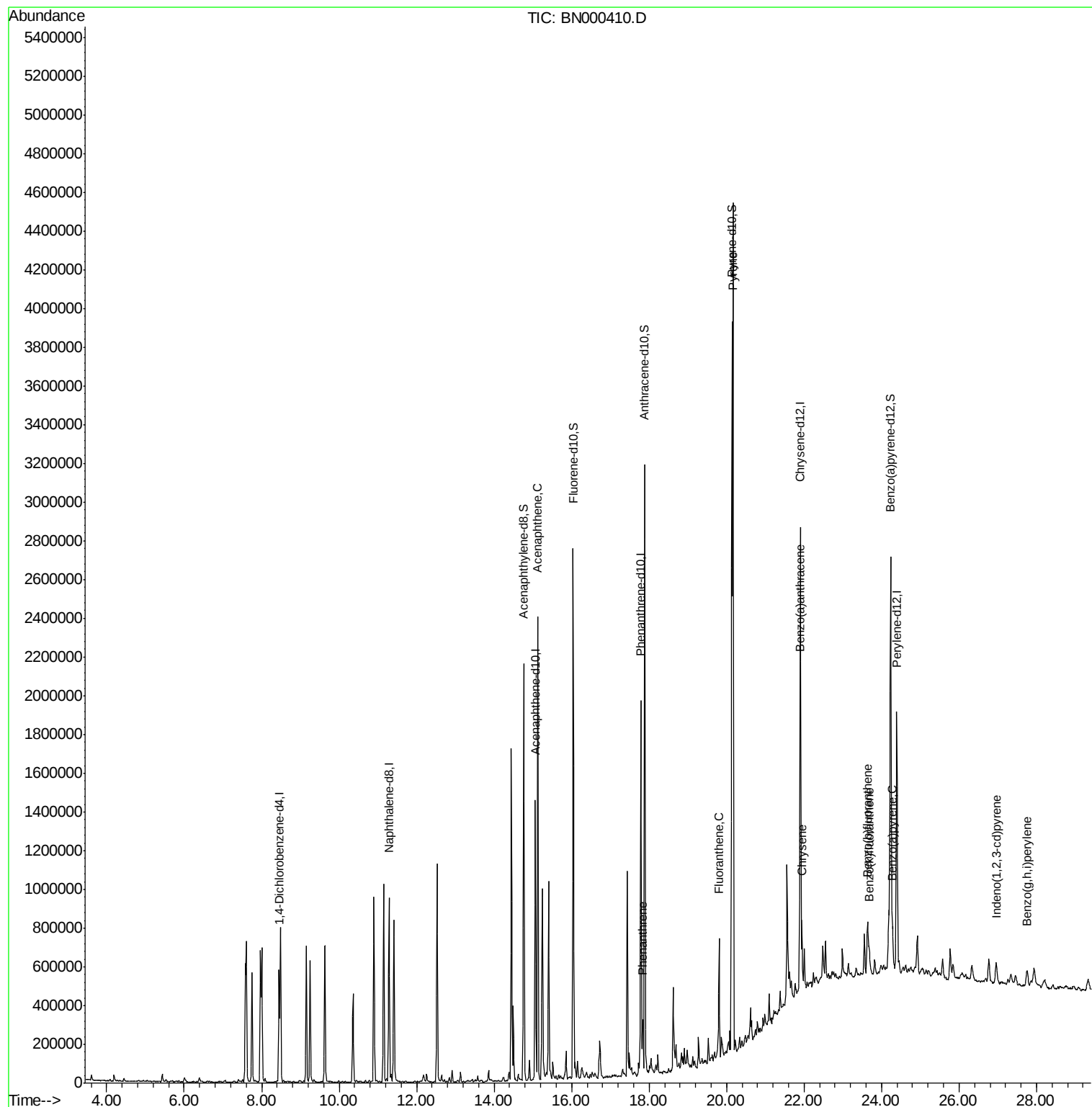
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
Data File : BN000410.D
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Operator : JU/SJ
Sample : J1866-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

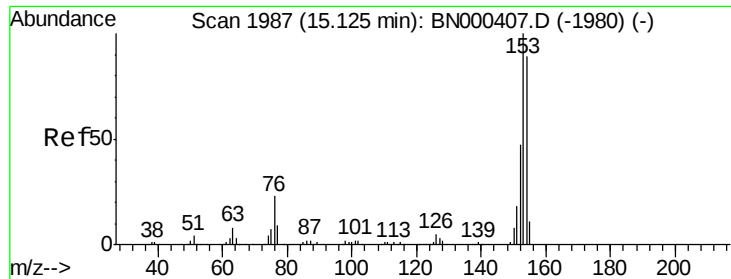
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#9

Acenaphthene

Concen: 29.168 ng/ul

RT: 15.12 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BN000410.D

Acq: 15 Mar 2018 11:56

Instrument :

BNA_N

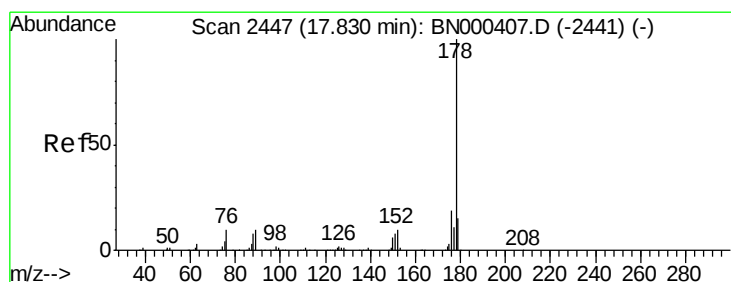
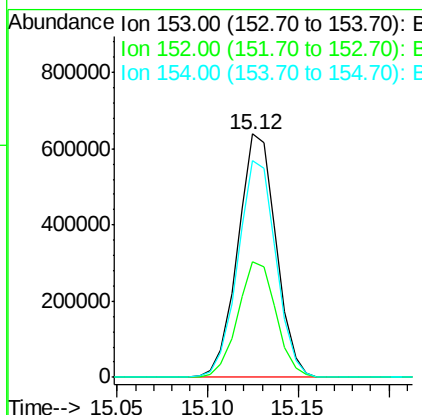
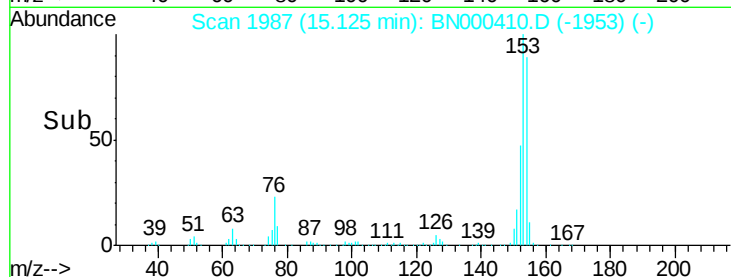
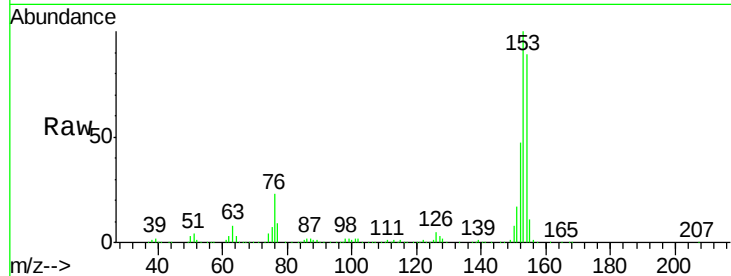
ClientSampleId :

DAME9MS

Tot Ion:	153	Resp:	933062
Ion Ratio	Lower	Upper	
153	100		
152	47.4	39.0	58.6
154	89.1	66.8	100.2

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#13

Phenanthrene

Concen: 2.500 ng/ul

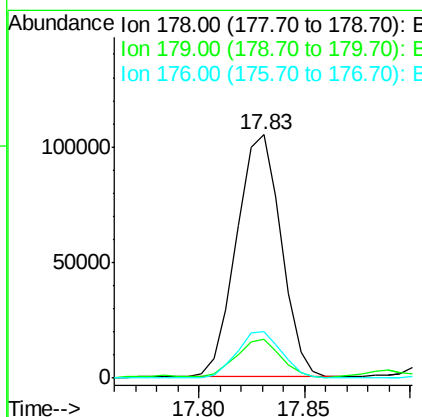
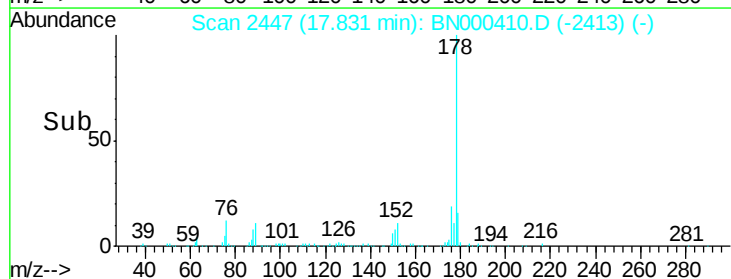
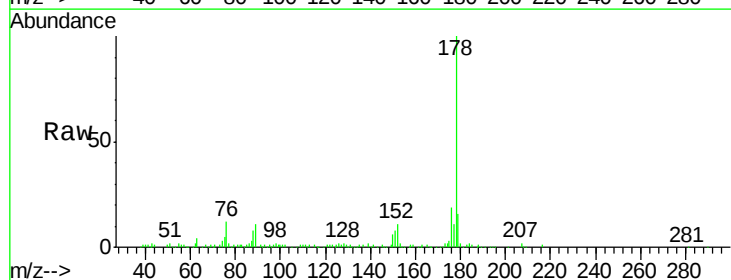
RT: 17.83 min Scan# 2447

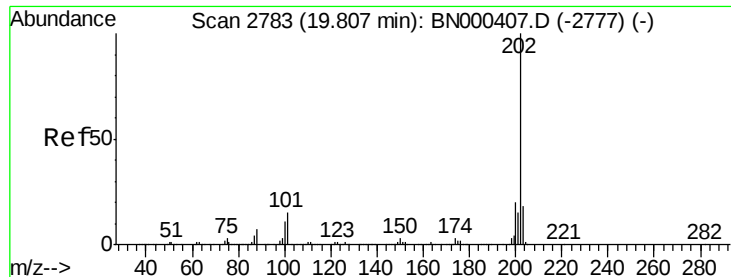
Delta R.T. 0.00 min

Lab File: BN000410.D

Acq: 15 Mar 2018 11:56

Tgt Ion:	178	Resp:	153884
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.3	18.5
176	19.3	15.1	22.7





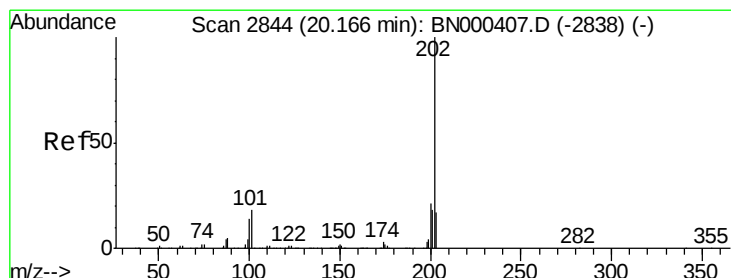
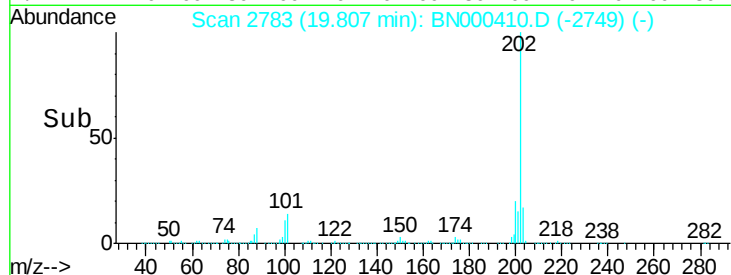
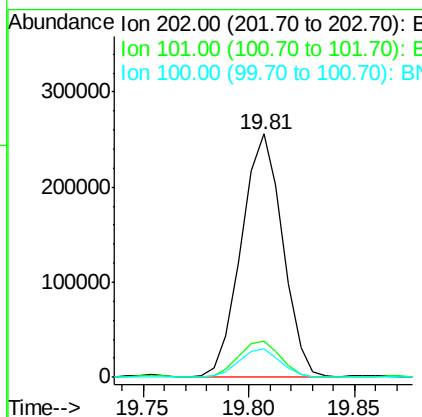
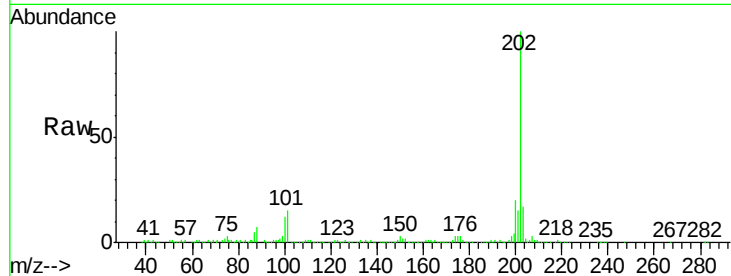
#16
Fluoranthene
 Concen: 5.228 ng/ul
 RT: 19.81 min Scan# 2783
 Delta R.T. 0.00 min
 Lab File: BN000410.D
 Acq: 15 Mar 2018 11:56

Instrument :
 BNA_N
 ClientSampleId :
 DAME9MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.7	9.9	14.9
100	11.6	7.4	11.0#

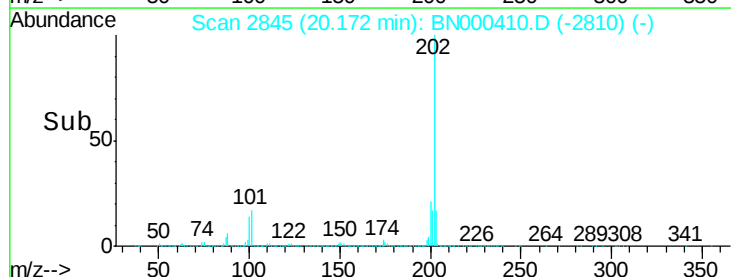
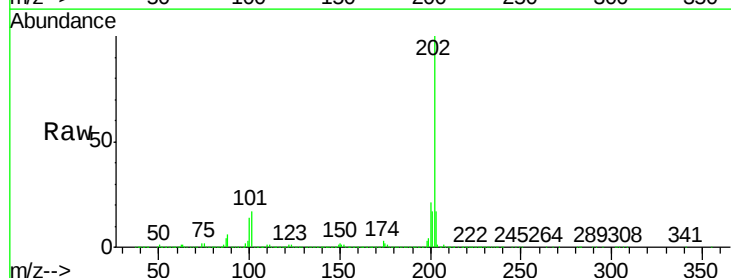
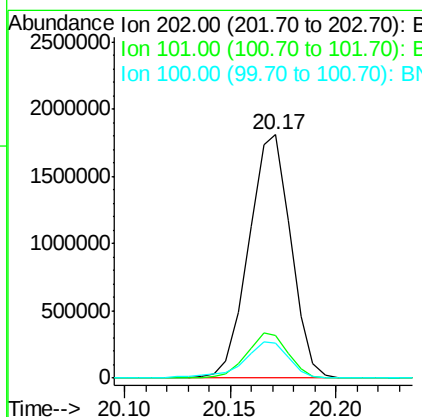
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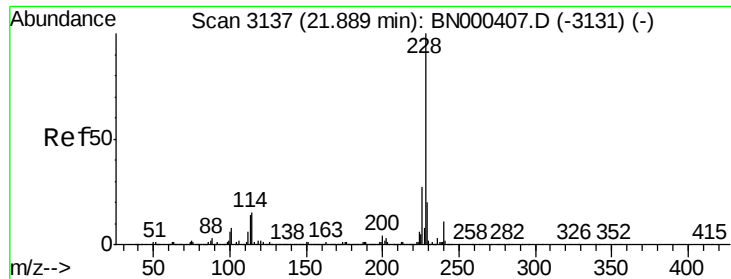
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#19
Pyrene
 Concen: 38.014 ng/ul
 RT: 20.17 min Scan# 2845
 Delta R.T. 0.01 min
 Lab File: BN000410.D
 Acq: 15 Mar 2018 11:56

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	17.4	11.0	16.4#
100	14.4	8.1	12.1#





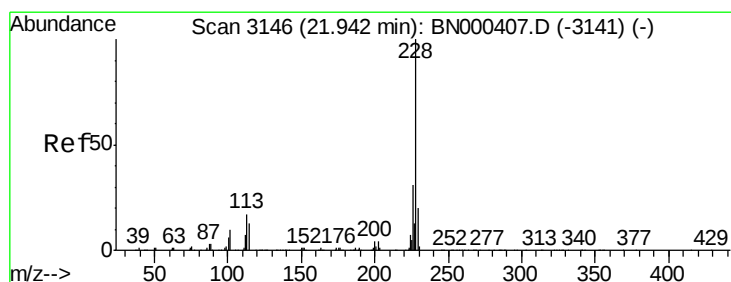
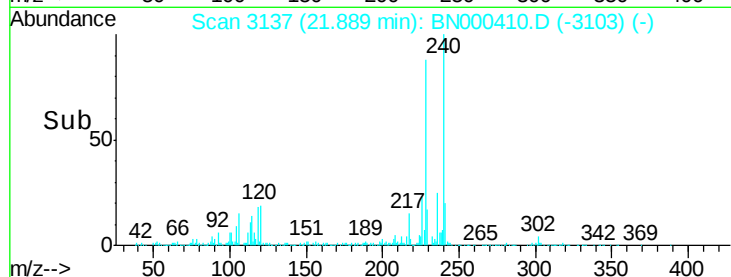
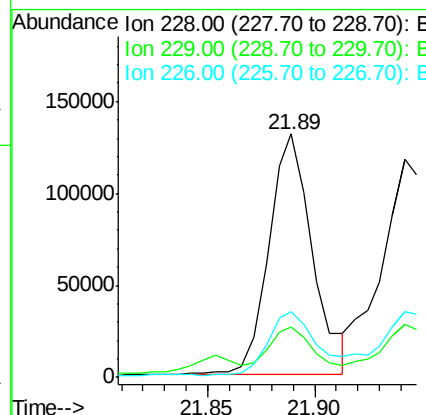
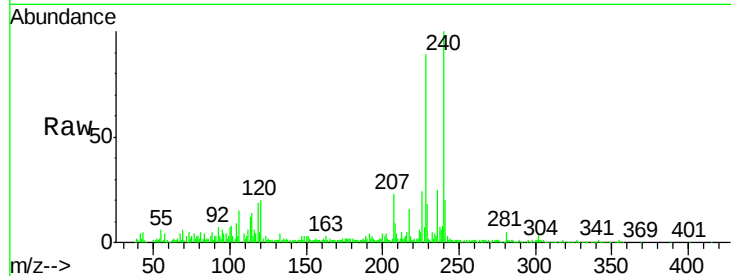
#20
Benzo(a)anthracene
Concen: 2.889 ng/ul m
RT: 21.89 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BN000410.D
Acq: 15 Mar 2018 11:56

Instrument :
BNA_N
ClientSampleId :
DAME9MS

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.7	23.5
226	27.1	21.1	31.7

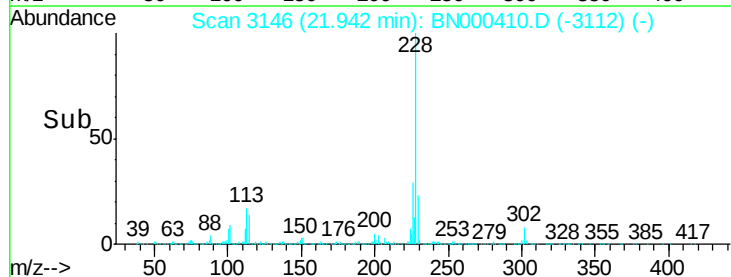
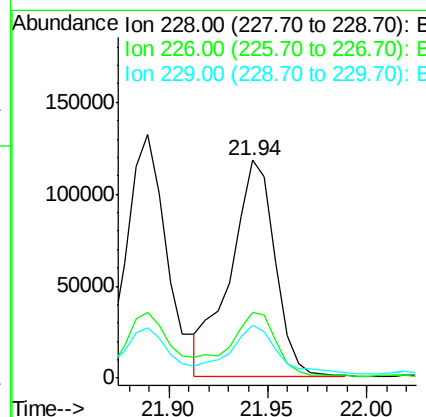
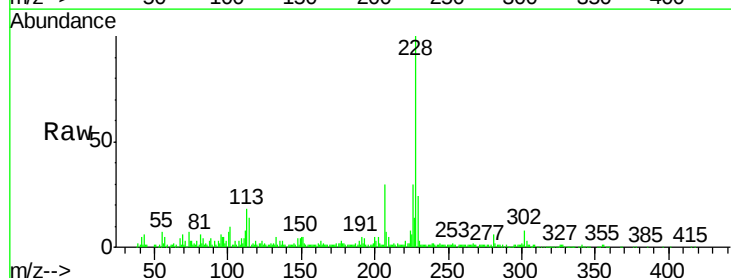
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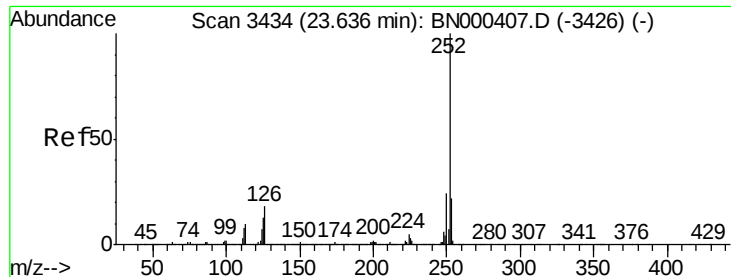
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#21
Chrysene
Concen: 3.008 ng/ul m
RT: 21.94 min Scan# 3146
Delta R.T. 0.00 min
Lab File: BN000410.D
Acq: 15 Mar 2018 11:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.5	36.7
229	24.0	15.8	23.8#





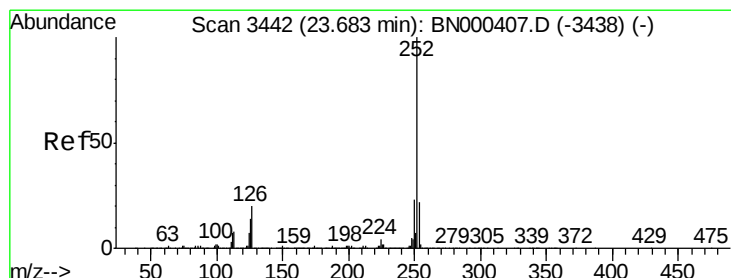
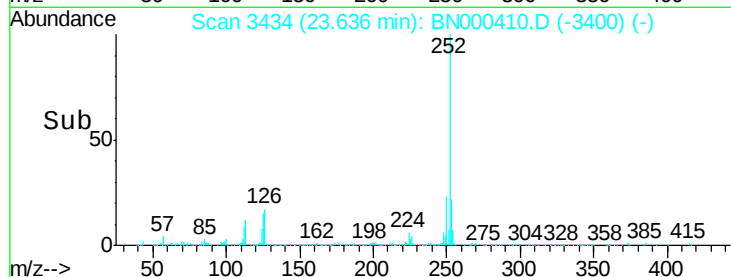
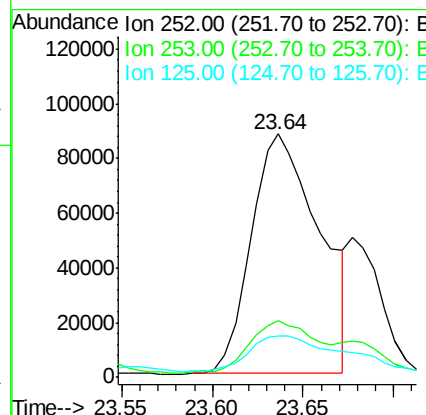
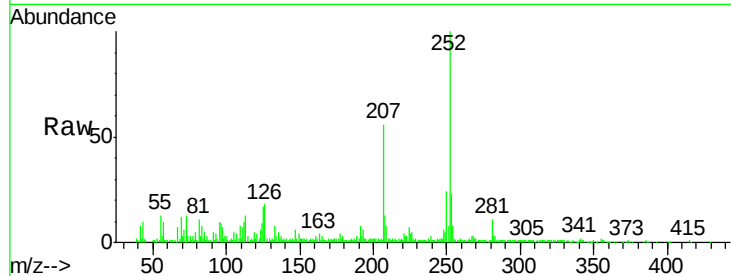
#23
Benzo(b)fluoranthene
Concen: 4.090 ng/ul
RT: 23.64 min Scan# 3434
Delta R.T. 0.00 min
Lab File: BN000410.D
Acq: 15 Mar 2018 11:56

Instrument :
BNA_N
ClientSampleId :
DAME9MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	17.1	8.0	12.0

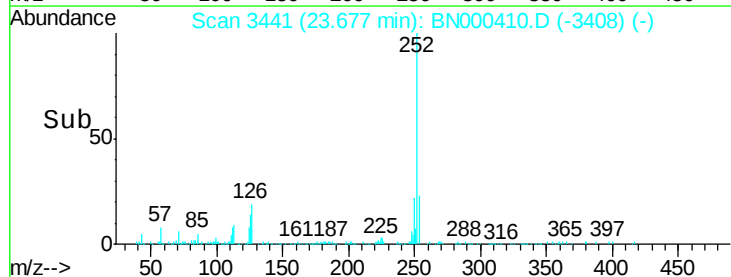
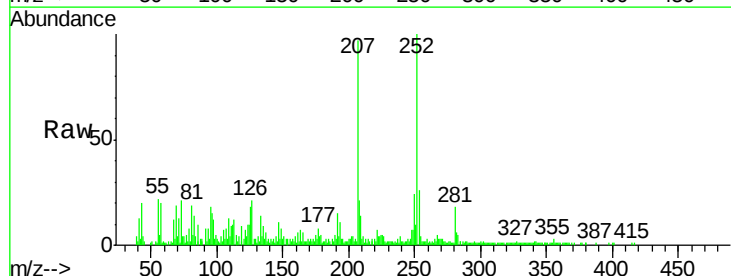
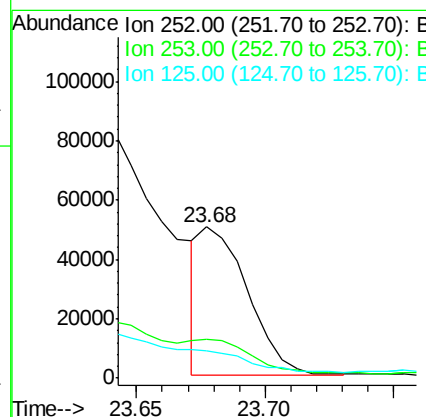
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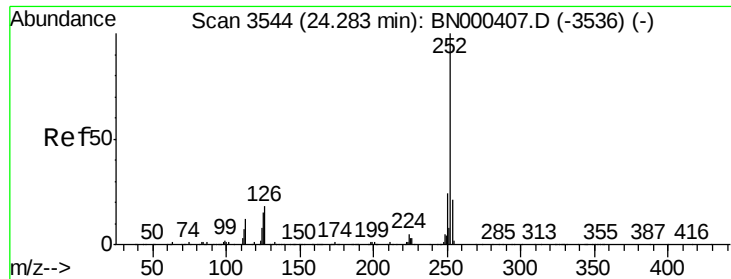
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#24
Benzo(k)fluoranthene
Concen: 1.198 ng/ul m
RT: 23.68 min Scan# 3441
Delta R.T. -0.01 min
Lab File: BN000410.D
Acq: 15 Mar 2018 11:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.0	27.0
125	18.0	8.1	12.1





#26

Benzo(a)pyrene

Concen: 2.731 ng/ul

RT: 24.28 min Scan# 3544

Delta R.T. 0.00 min

Lab File: BN000410.D

Acq: 15 Mar 2018 11:56

Instrument :

BNA_N

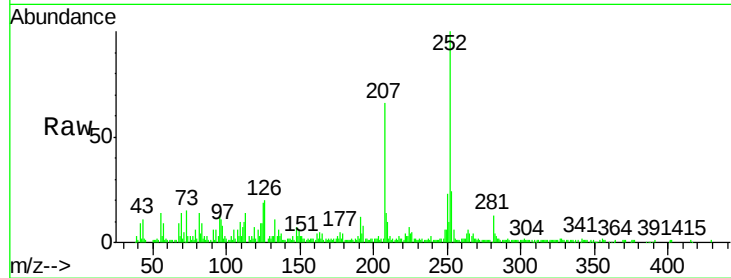
ClientSampleId :

DAME9MS

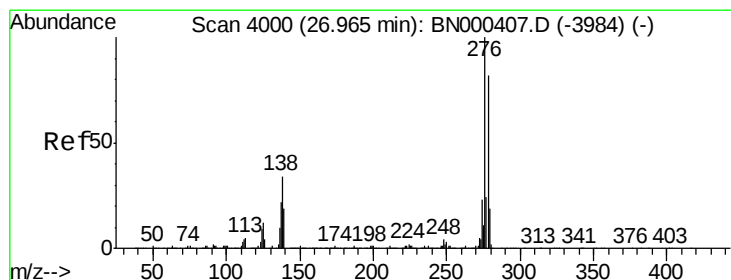
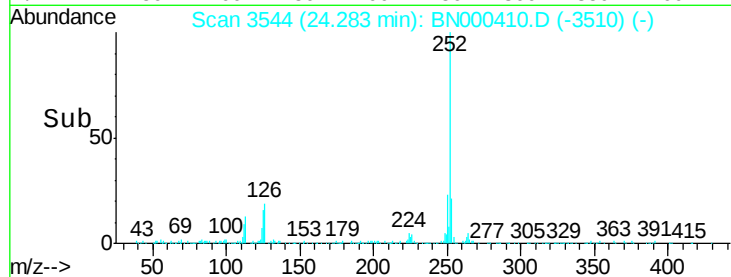
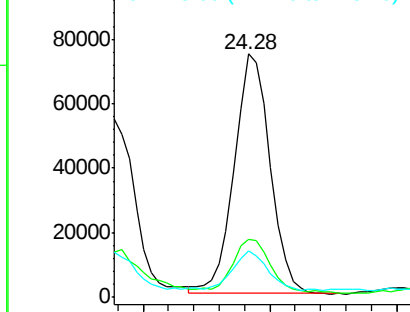
Tot Ion:	252	Resp:	145852
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.2	25.8
125	18.9	8.2	12.4#

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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: 1.646 ng/ul

RT: 26.97 min Scan# 4000

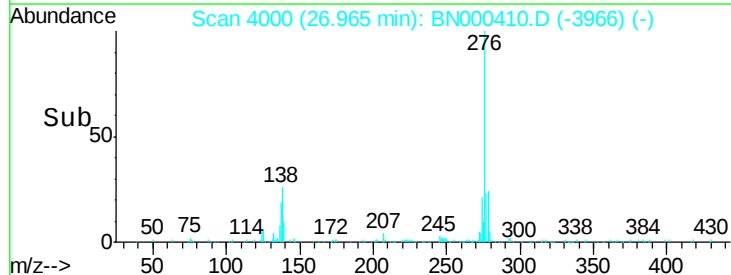
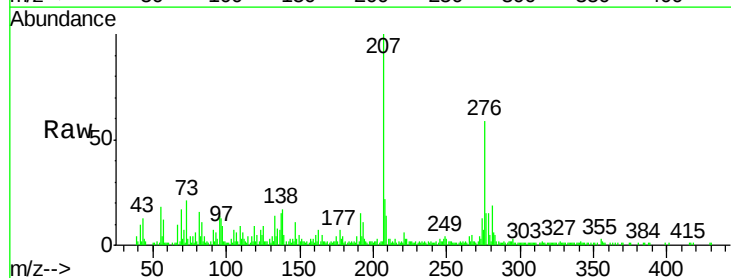
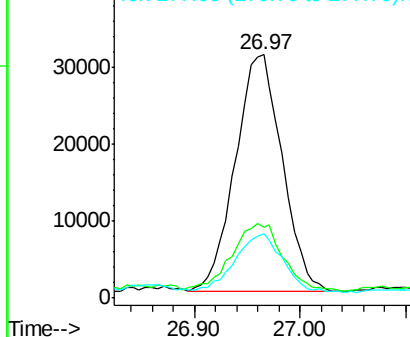
Delta R.T. 0.00 min

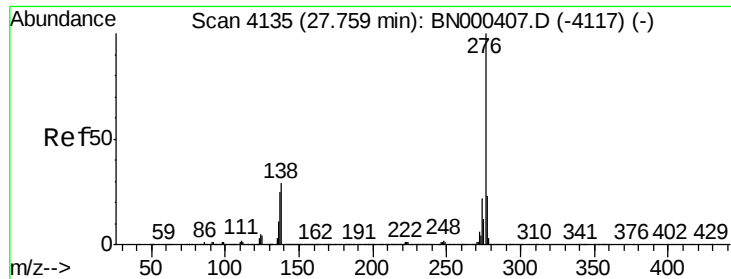
Lab File: BN000410.D

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Tgt Ion:	276	Resp:	94777
Ion Ratio	Lower	Upper	
276	100		
138	29.3	14.4	21.6#
277	26.2	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





#29

Benzo(a,h,i)perylene

Concen: 2.182 ng/ul

RT: 27.76 min Scan# 4135

Delta R.T. 0.00 min

Lab File: BN000410.D

Acq: 15 Mar 2018 11:56

Instrument :

BNA_N

ClientSampleId :

DAME9MS

Tot Ion:	276	Resp:	104946
Ion Ratio	Lower	Upper	
276	100		
138	33.1	15.3	22.9#
277	24.6	19.0	28.4

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