

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
 Data File : BN000415.D
 Acq On : 15 Mar 2018 14:49
 Operator : JU/SJ
 Sample : J1864-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMB4

Manual Integrations
 APPROVED

Sohil
 3/16/2018 12:11:18 PM

Quant Time: Mar 16 06:33:57 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	247371	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1146082	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	630844	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1350565	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	1112218	20.00	ng/ul	0.00
22) Perylene-d12	24.40	264	1032134	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	1105002	17.65	ng/ul	0.00
10) Fluorene-d10	16.05	176	723128	17.06	ng/ul	0.00
14) Anthracene-d10	17.89	188	1105494	17.52	ng/ul	0.00
18) Pyrene-d10	20.14	212	1111765	20.43	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.24	264	825158	17.51	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.83	178	261306	3.374	ng/ul	99
16) Fluoranthene	19.81	202	559599	6.687	ng/ul	96
19) Pyrene	20.17	202	477525	6.800	ng/ul#	91
20) Benzo(a)anthracene	21.89	228	237602	3.436	ng/ul	96
21) Chrysene	21.95	228	276677m	4.217	ng/ul	
23) Benzo(b)fluoranthene	23.64	252	371188	6.031	ng/ul#	90
24) Benzo(k)fluoranthene	23.68	252	92595m	1.607	ng/ul	
26) Benzo(a)pyrene	24.29	252	220639	3.767	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.98	276	163011	2.581	ng/ul#	82
29) Benzo(g,h,i)perylene	27.77	276	202363	3.837	ng/ul#	86

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

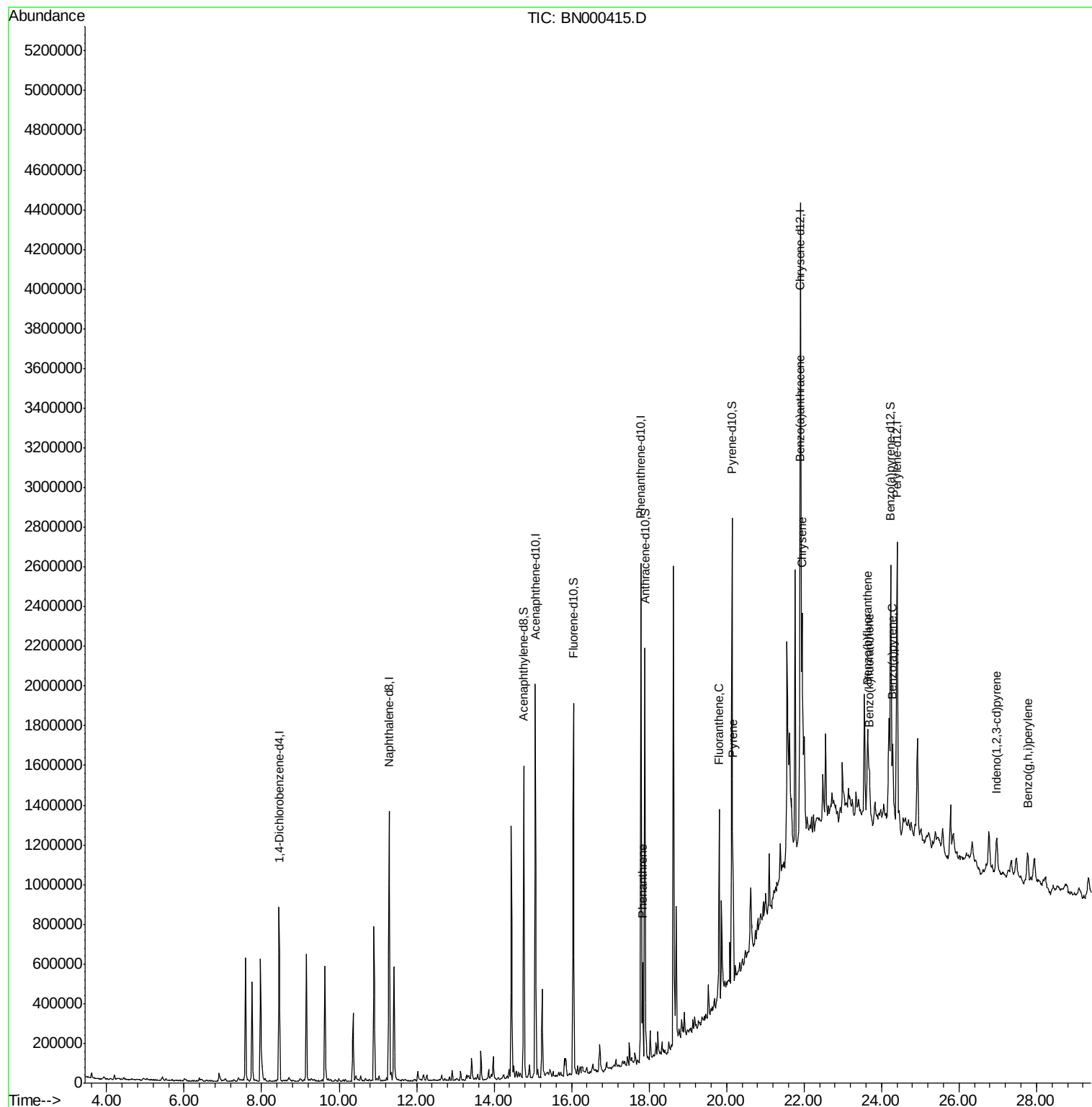
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
Data File : BN000415.D
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Operator : JU/SJ
Sample : J1864-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

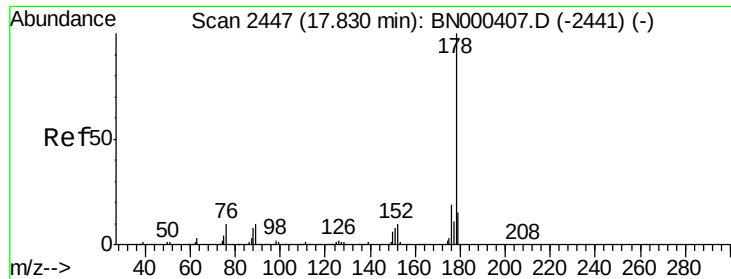
Instrument :
BNA_N
ClientSampled :
DAMB4

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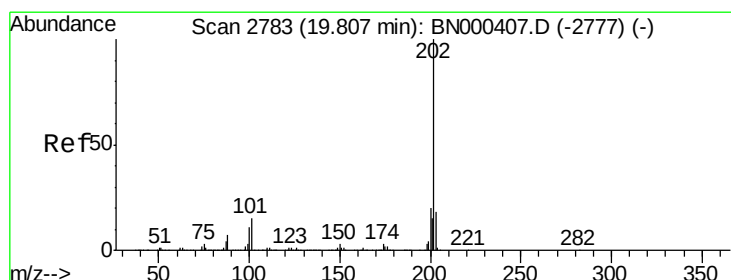
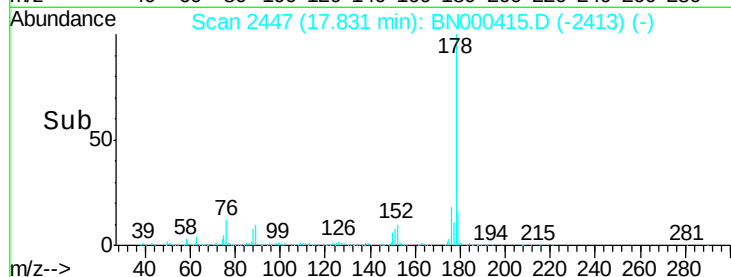
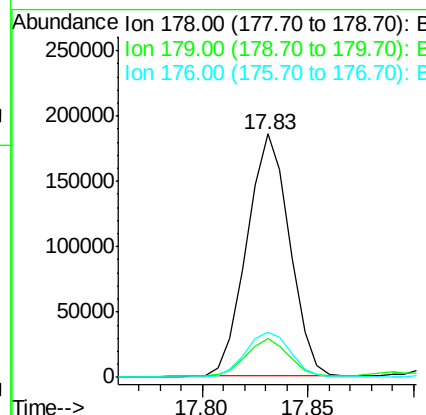
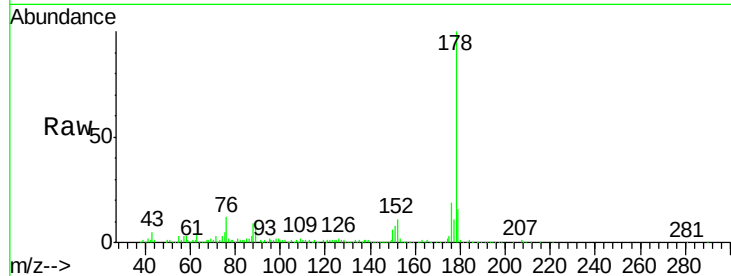
#13
Phenanthrene
Concen: 3.374 ng/ul
RT: 17.83 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BN000415.D
Acq: 15 Mar 2018 14:49

Instrument :
BNA_N
ClientSampled :
DAMB4

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	18.6	15.1	22.7

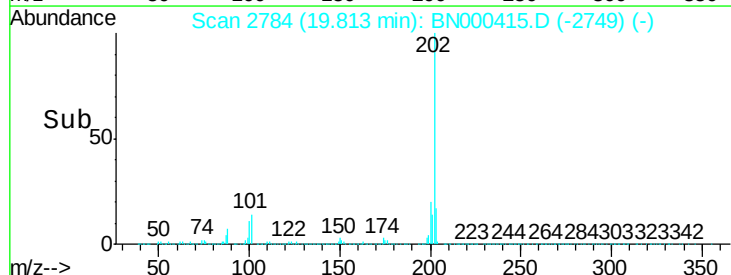
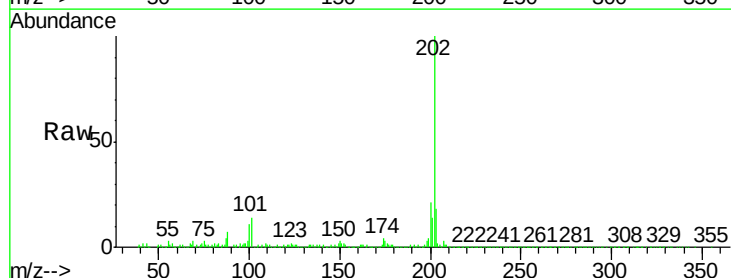
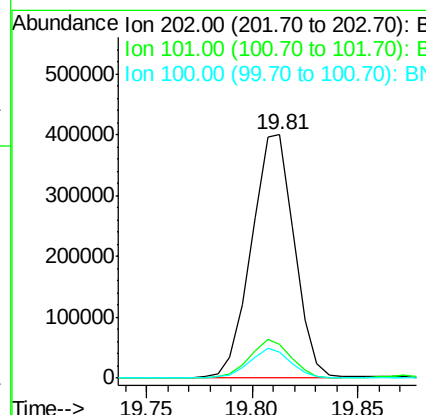
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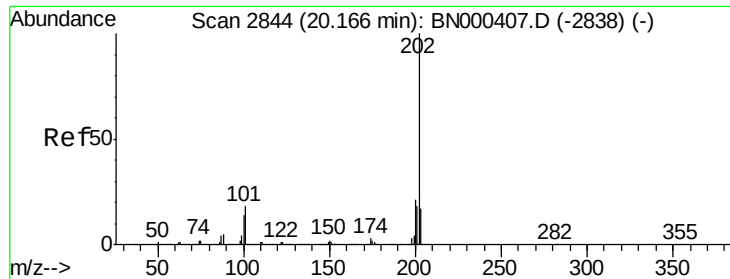
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#16
Fluoranthene
Concen: 6.687 ng/ul
RT: 19.81 min Scan# 2784
Delta R.T. 0.01 min
Lab File: BN000415.D
Acq: 15 Mar 2018 14:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.9	14.9
100	10.8	7.4	11.0





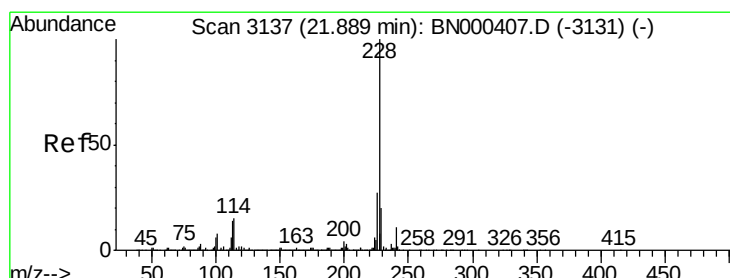
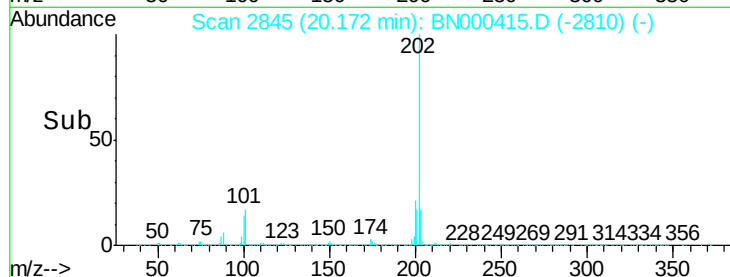
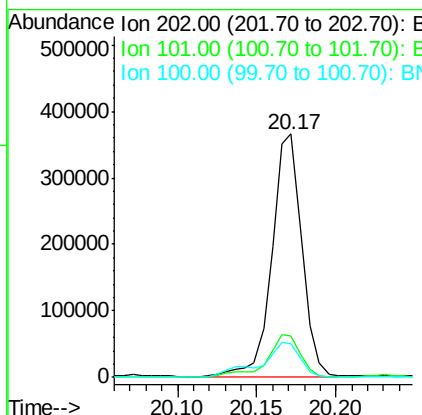
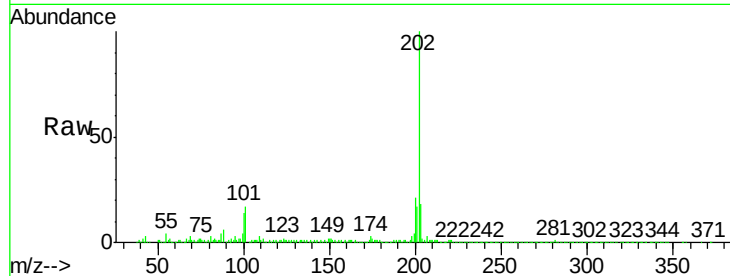
#19
Pvrene
Concen: 6.800 ng/ul
RT: 20.17 min Scan# 2845
Delta R.T. 0.01 min
Lab File: BN000415.D
Acq: 15 Mar 2018 14:49

Instrument :
BNA_N
ClientSampleId :
DAMB4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.8	11.0	16.4#
100	13.9	8.1	12.1#

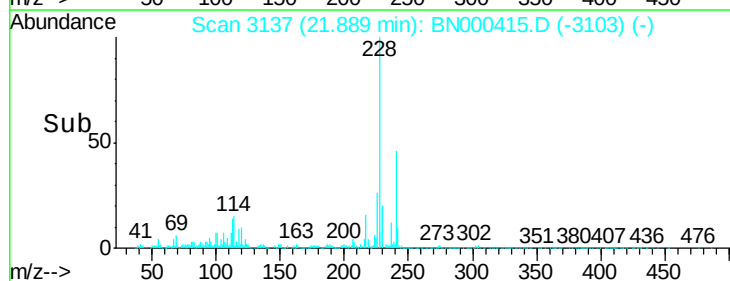
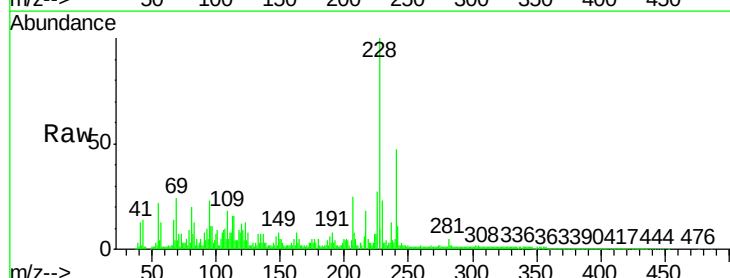
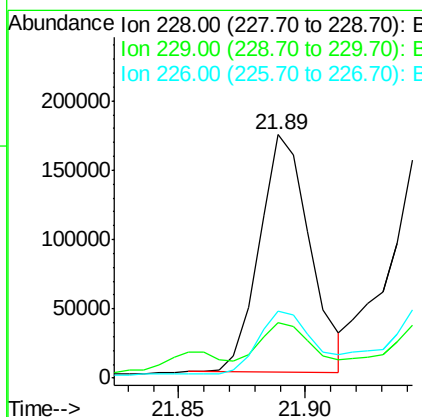
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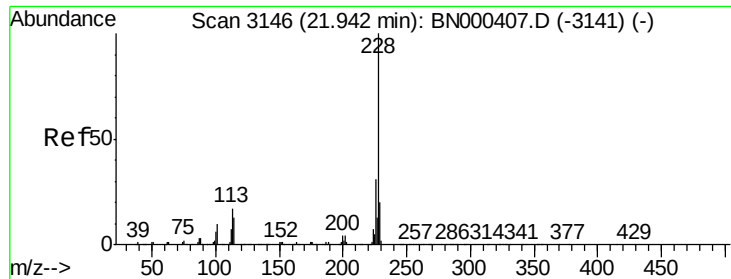
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#20
Benzo(a)anthracene
Concen: 3.436 ng/ul
RT: 21.89 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BN000415.D
Acq: 15 Mar 2018 14:49

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.7	15.7	23.5
226	27.4	21.1	31.7





#21

Chrysene

Concen: 4.217 ng/ul m

RT: 21.95 min Scan# 3147

Delta R.T. 0.01 min

Lab File: BN000415.D

Acq: 15 Mar 2018 14:49

Instrument :

BNA_N

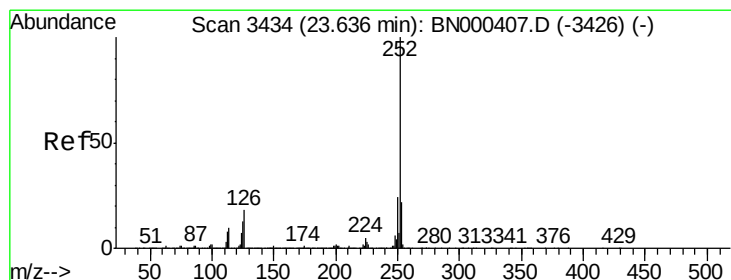
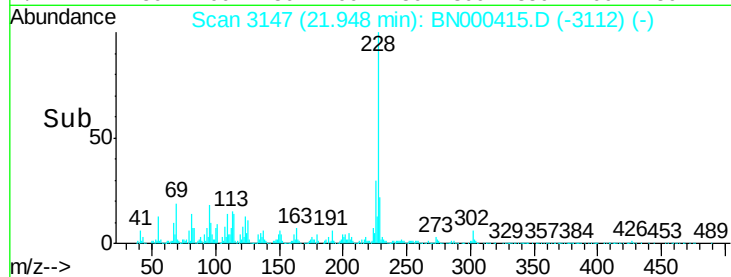
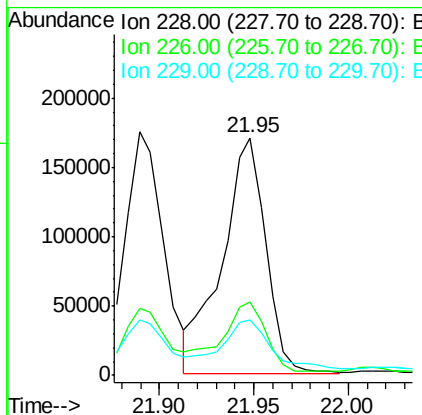
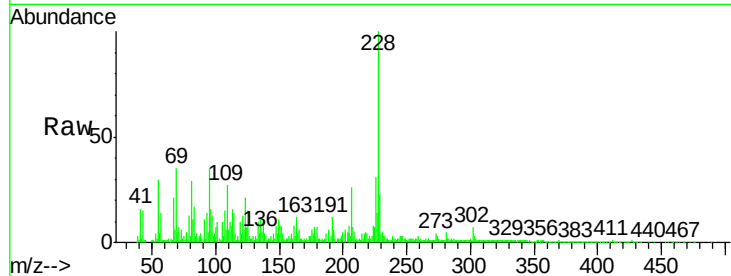
ClientSampled :

DAMB4

Tot Ion:	228	Resp:	276677
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.5	36.7
229	23.5	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 6.031 ng/ul

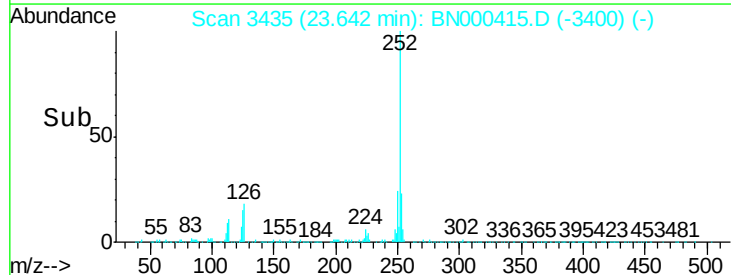
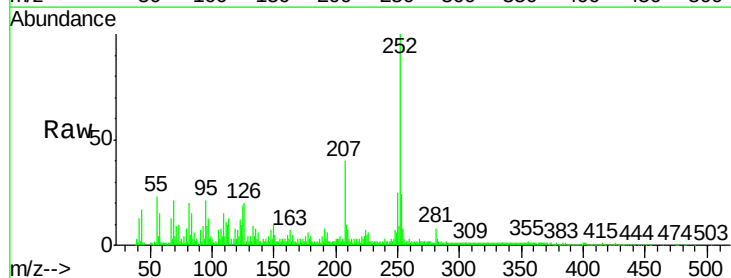
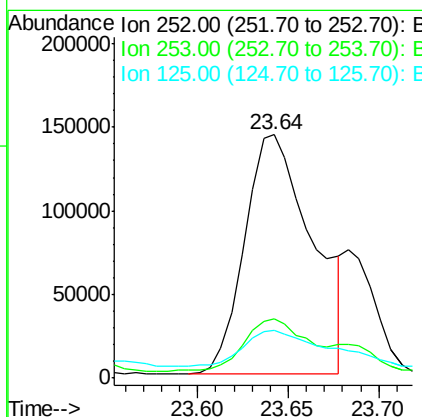
RT: 23.64 min Scan# 3435

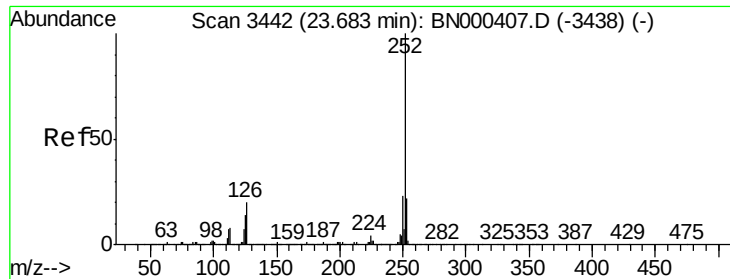
Delta R.T. 0.01 min

Lab File: BN000415.D

Acq: 15 Mar 2018 14:49

Tgt Ion:	252	Resp:	371188
Ion Ratio	Lower	Upper	
252	100		
253	24.4	18.0	27.0
125	19.4	8.0	12.0#





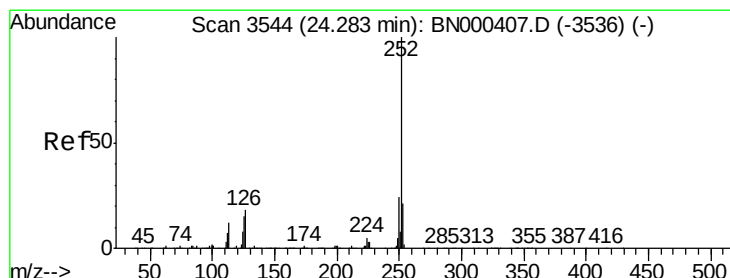
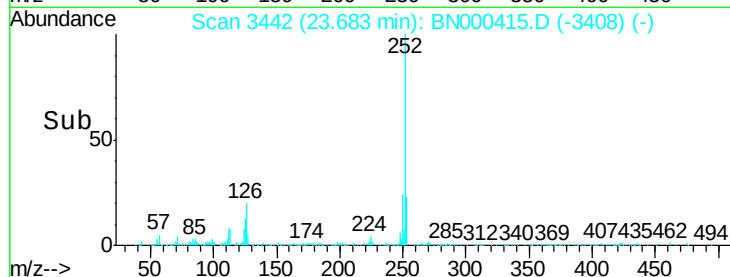
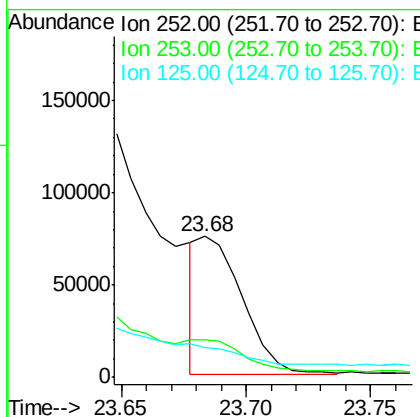
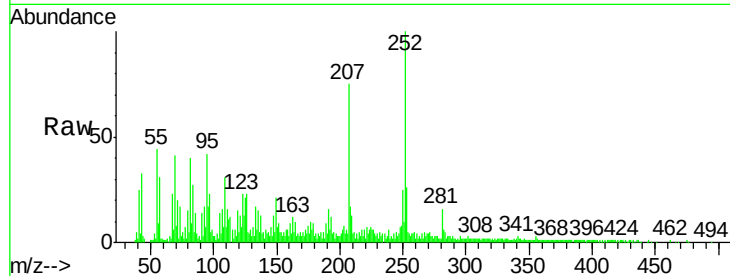
#24
Benzo(k)fluoranthene
Concen: 1.607 ng/ul m
RT: 23.68 min Scan# 3442
Delta R.T. 0.00 min
Lab File: BN000415.D
Acq: 15 Mar 2018 14:49

Instrument :
BNA_N
ClientSampleId :
DAMB4

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.0	27.0
125	21.5	8.1	12.1#

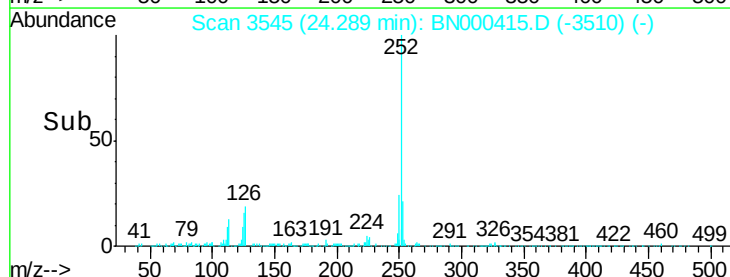
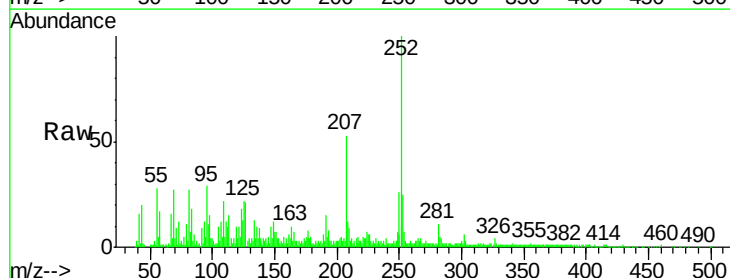
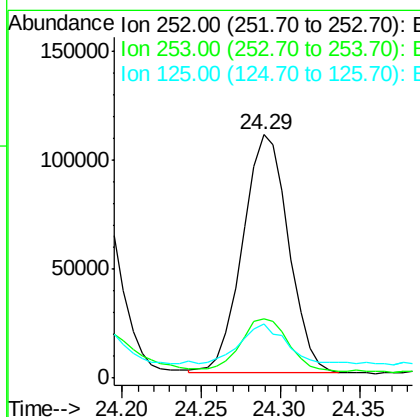
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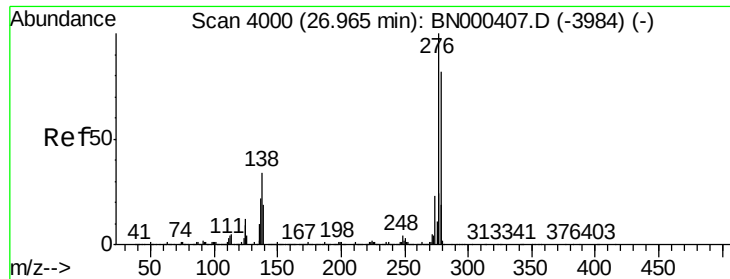
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#26
Benzo(a)pyrene
Concen: 3.767 ng/ul
RT: 24.29 min Scan# 3545
Delta R.T. 0.01 min
Lab File: BN000415.D
Acq: 15 Mar 2018 14:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.2	25.8
125	22.0	8.2	12.4#





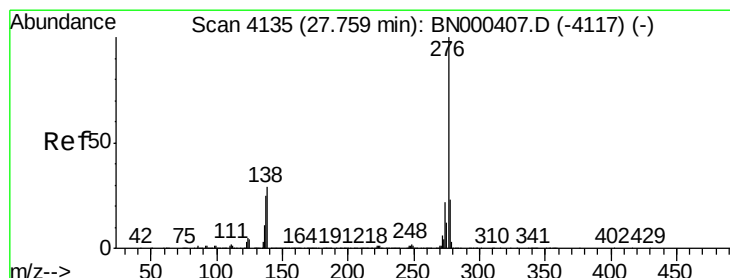
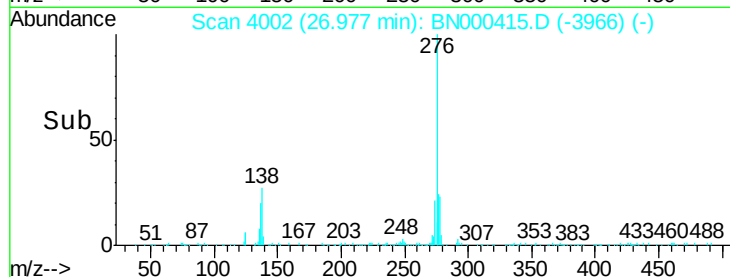
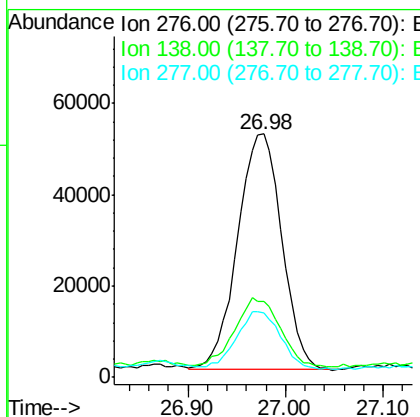
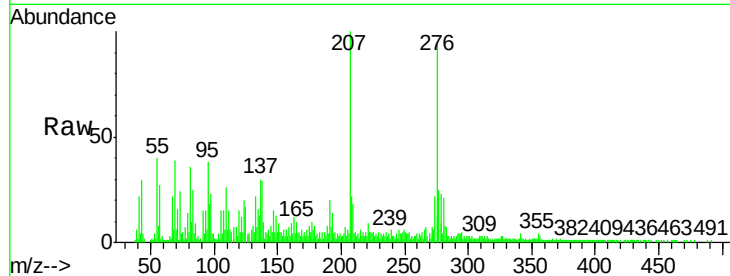
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.581 ng/ul
 RT: 26.98 min Scan# 4002
 Delta R.T. 0.01 min
 Lab File: BN000415.D
 Acq: 15 Mar 2018 14:49

Instrument :
 BNA_N
 ClientSampleId :
 DAMB4

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.0	14.4	21.6#
277	26.7	18.0	27.0

Manual Integrations
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#29
 Benzo(g,h,i)perylene
 Concen: 3.837 ng/ul
 RT: 27.77 min Scan# 4137
 Delta R.T. 0.01 min
 Lab File: BN000415.D
 Acq: 15 Mar 2018 14:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.5	15.3	22.9#
277	25.1	19.0	28.4

