

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031418\
 Data File : BN000396.D
 Acq On : 15 Mar 2018 03:52
 Operator : JU/SJ
 Sample : J1865-04MS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMB8MS

Manual Integrations
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Quant Time: Mar 15 08:05:59 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 15 07:55:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	235330	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1154489	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	658138	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1462656	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	1333009	20.00	ng/ul	0.00
22) Perylene-d12	24.40	264	1255510	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	2467005	37.77	ng/ul	0.00
10) Fluorene-d10	16.05	176	1604955	36.28	ng/ul	0.00
14) Anthracene-d10	17.89	188	2511956	36.76	ng/ul	0.00
18) Pyrene-d10	20.14	212	2678413	41.07	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.24	264	2116500	36.92	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	11.34	128	106328	1.745	ng/ul	100
4) 2-Methylnaphthalene	12.92	142	93910	2.190	ng/ul	96
5) 1-Methylnaphthalene	13.13	142	61180	1.422	ng/ul#	89
9) Acenaphthene	15.13	153	1438288	31.482	ng/ul	95
11) Fluorene	16.10	166	97989	1.945	ng/ul	93
13) Phenanthrene	17.83	178	1885980	22.483	ng/ul	100
15) Anthracene	17.92	178	385353	4.527	ng/ul	99
16) Fluoranthene	19.81	202	3478815	38.384	ng/ul#	92
19) Pyrene	20.17	202	5452126	64.783	ng/ul#	88
20) Benzo(a)anthracene	21.89	228	1758277	21.217	ng/ul	98
21) Chrysene	21.95	228	1753452	22.297	ng/ul	97
23) Benzo(b)fluoranthene	23.64	252	2267606	30.288	ng/ul#	96
24) Benzo(k)fluoranthene	23.68	252	619681m	8.843	ng/ul	
26) Benzo(a)pyrene	24.29	252	1463863	20.544	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.96	276	940466	12.241	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.97	278	265479	4.216	ng/ul#	81
29) Benzo(g,h,i)perylene	27.76	276	786399	12.259	ng/ul#	88

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

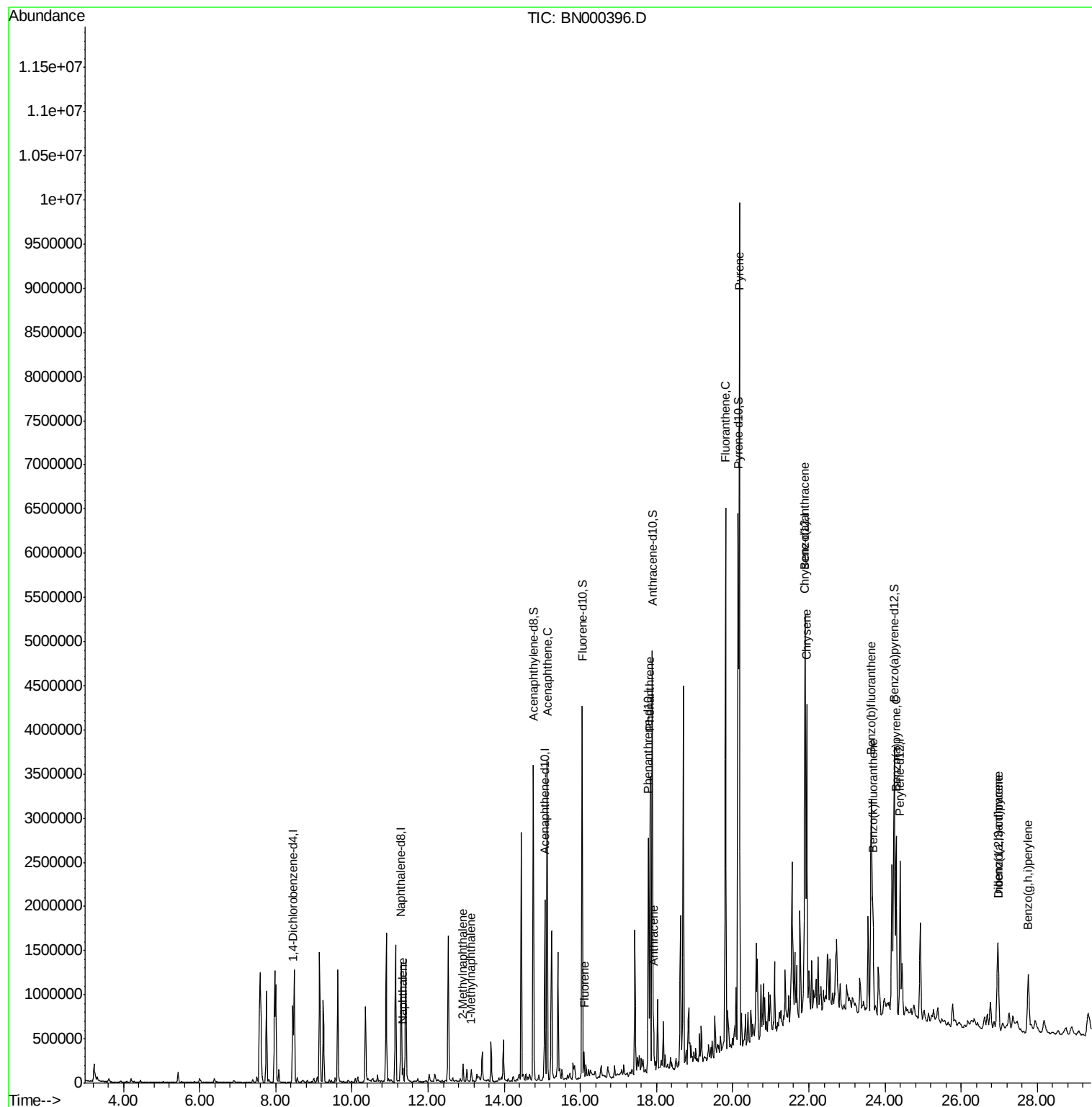
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031418\
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ALS Vial : 31 Sample Multiplier: 1

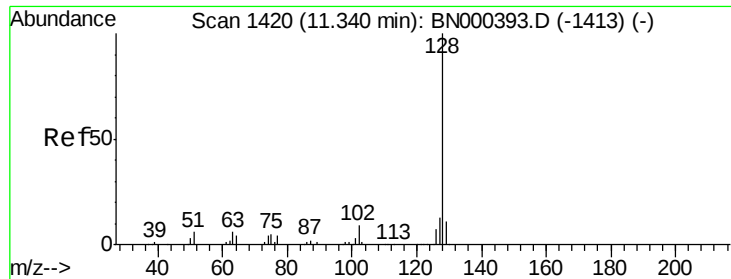
Instrument :
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DAMB8MS

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#3

Naphthalene

Concen: 1.745 ng/ul

RT: 11.34 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BN000396.D

Acq: 15 Mar 2018 03:52

Instrument :

BNA_N

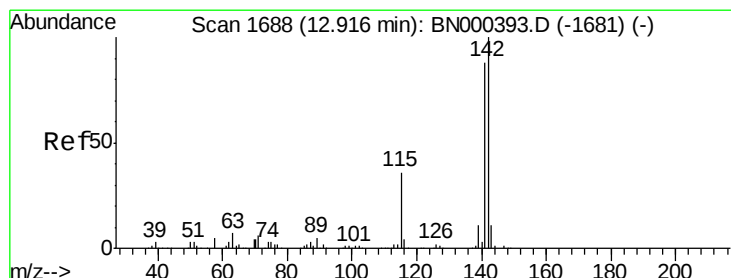
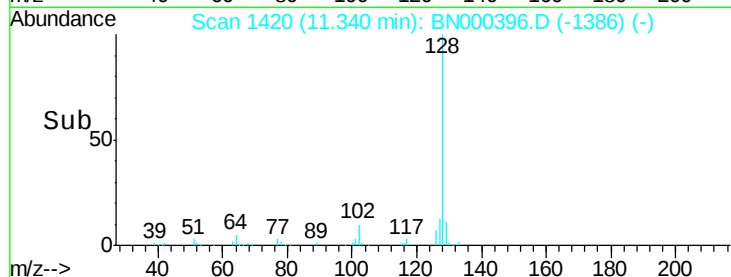
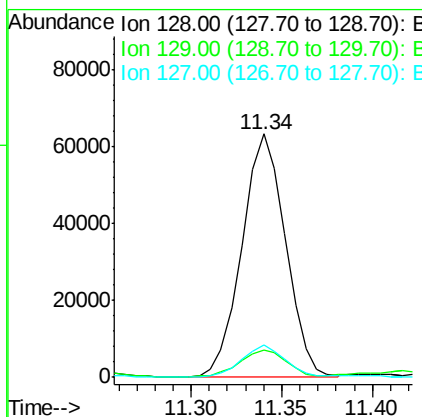
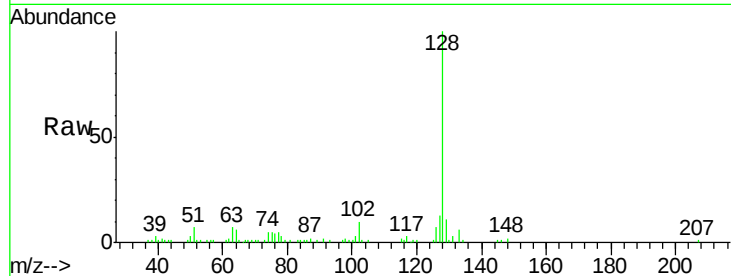
ClientSampleId :

DAMB8MS

Tgt Ion:	128	Resp:	106328
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.7	13.1
127	13.2	10.6	16.0

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#4

2-Methylnaphthalene

Concen: 2.190 ng/ul

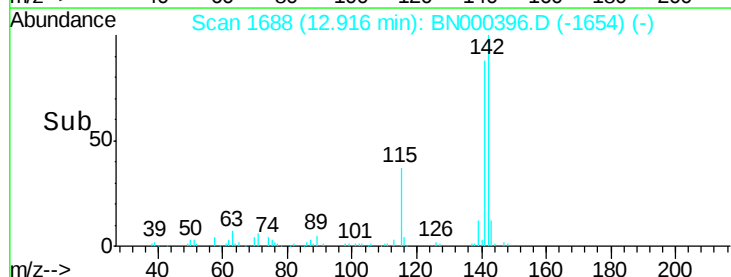
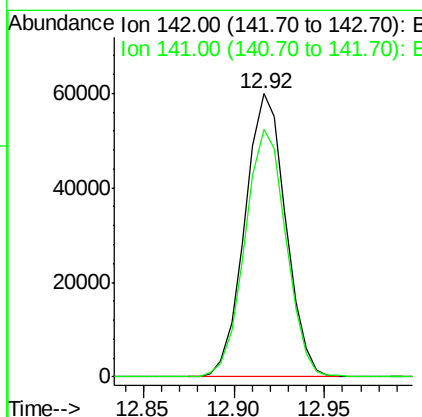
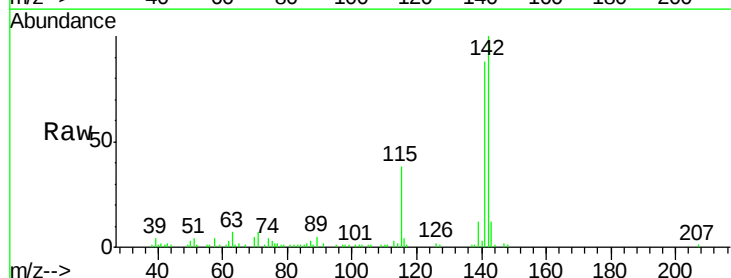
RT: 12.92 min Scan# 1688

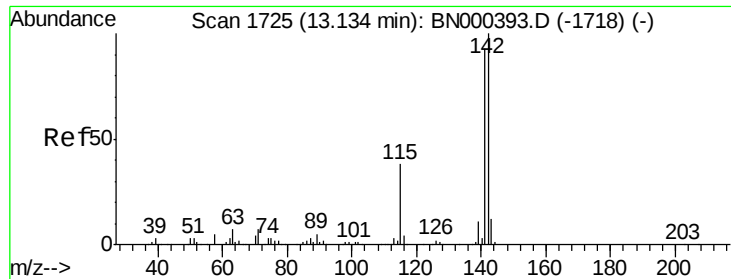
Delta R.T. 0.00 min

Lab File: BN000396.D

Acq: 15 Mar 2018 03:52

Tgt Ion:	142	Resp:	93910
Ion Ratio	Lower	Upper	
142	100		
141	87.6	72.7	109.1





#5

1-Methylnaphthalene

Concen: 1.422 ng/ul

RT: 13.13 min Scan# 1725

Delta R.T. 0.00 min

Lab File: BN000396.D

Acq: 15 Mar 2018 03:52

Instrument :

BNA_N

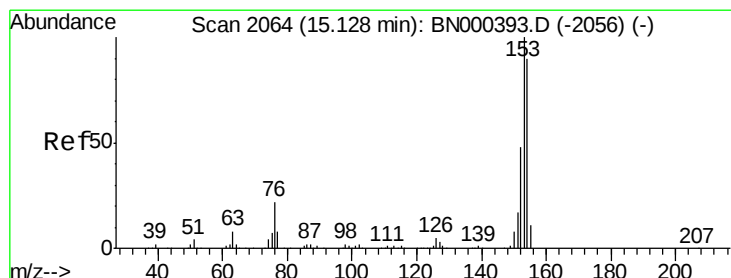
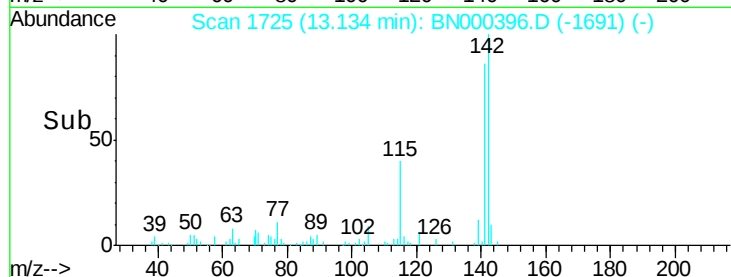
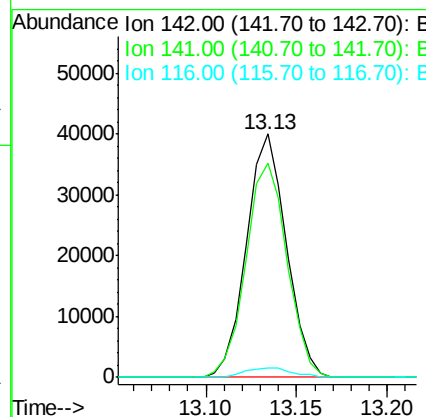
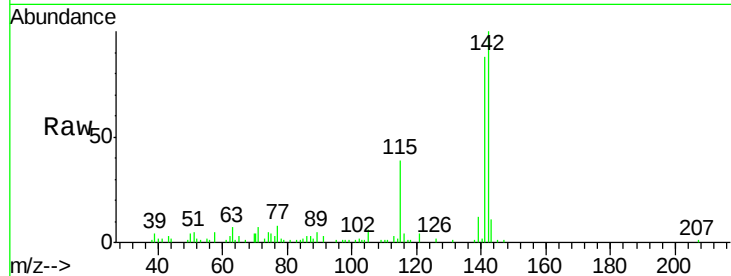
ClientSampled :

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Tgt Ion:	142	Resp:	61180
Ion Ratio	Lower	Upper	
142	100		
141	88.1	79.3	118.9
116	3.8	4.2	6.2#

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#9

Acenaphthene

Concen: 31.482 ng/ul

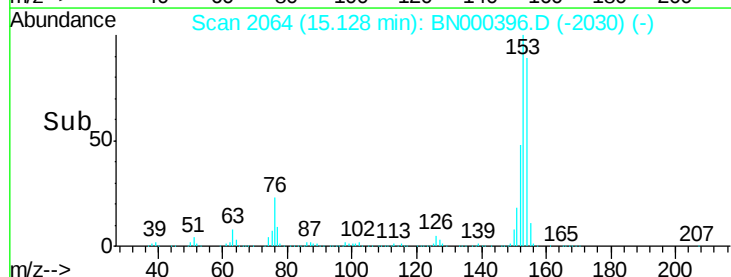
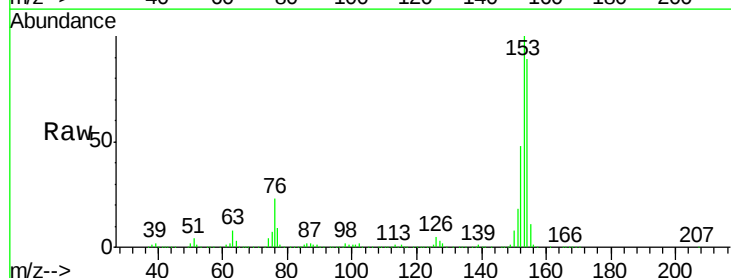
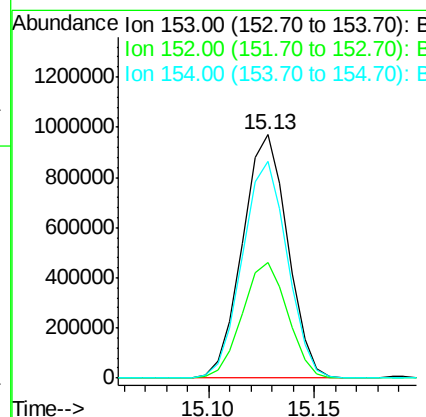
RT: 15.13 min Scan# 2064

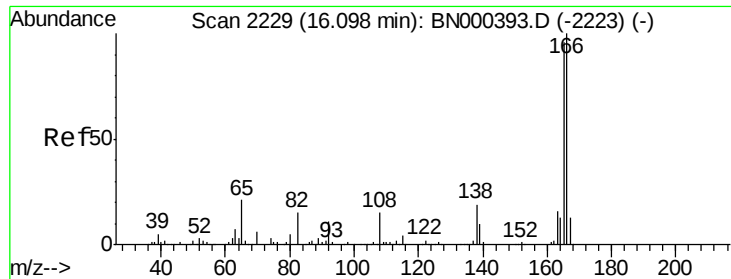
Delta R.T. 0.00 min

Lab File: BN000396.D

Acq: 15 Mar 2018 03:52

Tgt Ion:	153	Resp:	1438288
Ion Ratio	Lower	Upper	
153	100		
152	47.6	39.0	58.6
154	89.2	66.8	100.2





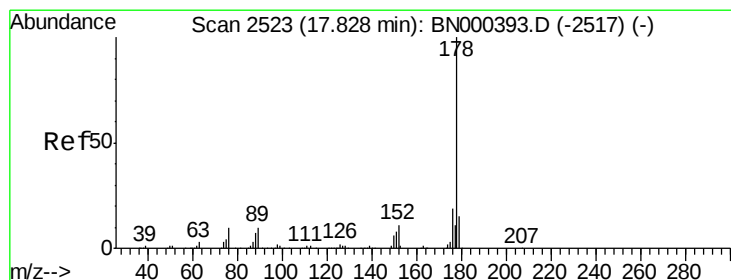
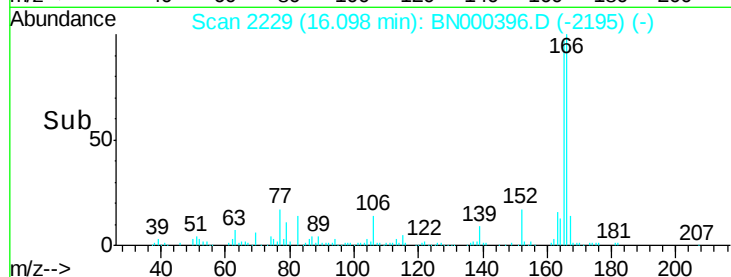
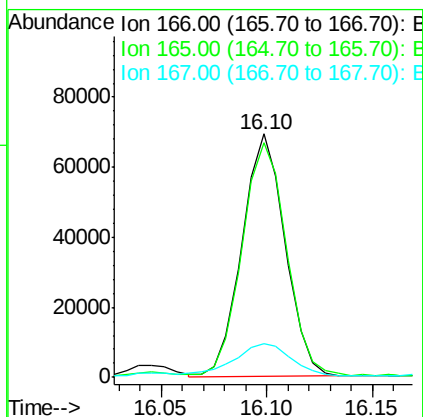
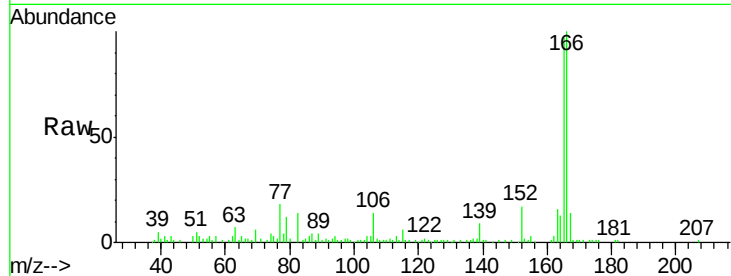
#11
Fluorene
 Concen: 1.945 ng/ul
 RT: 16.10 min Scan# 2229
 Delta R.T. 0.00 min
 Lab File: BN000396.D
 Acq: 15 Mar 2018 03:52

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.5	83.8	125.8
167	14.1	11.5	17.3

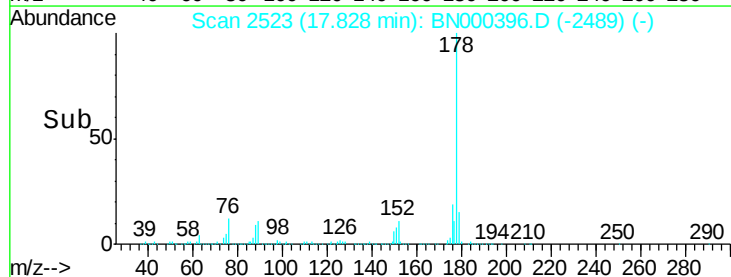
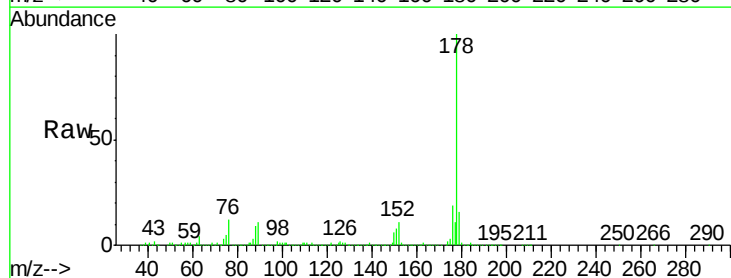
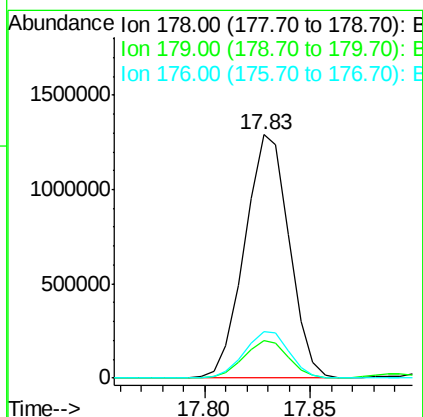
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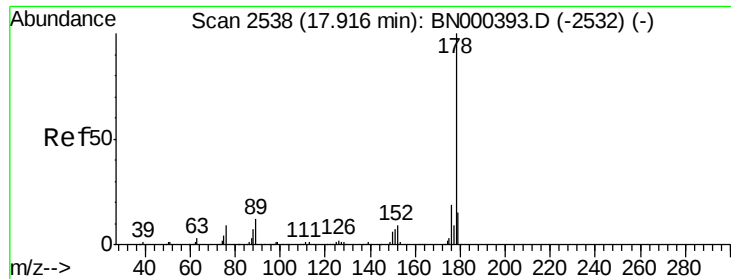
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#13
Phenanthrene
 Concen: 22.483 ng/ul
 RT: 17.83 min Scan# 2523
 Delta R.T. 0.00 min
 Lab File: BN000396.D
 Acq: 15 Mar 2018 03:52

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.2	15.1	22.7





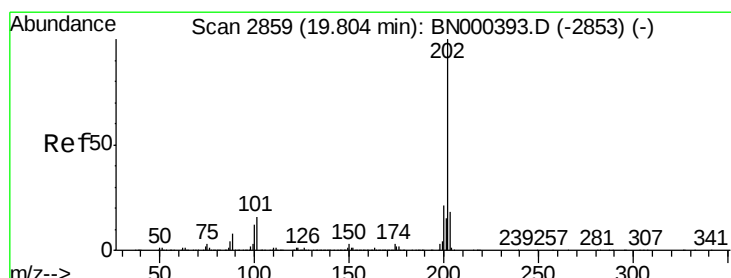
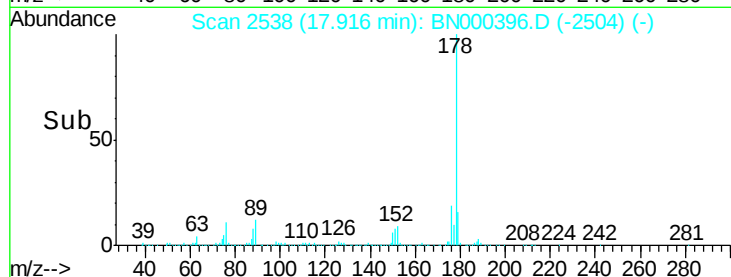
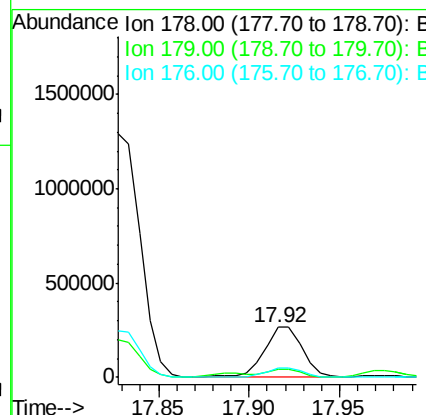
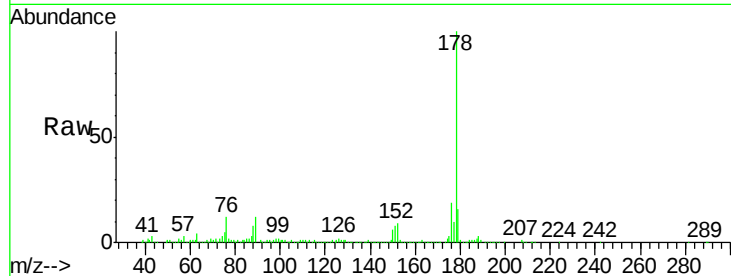
#15
 Anthracene
 Concen: 4.527 ng/ul
 RT: 17.92 min Scan# 2538
 Delta R.T. 0.00 min
 Lab File: BN000396.D
 Acq: 15 Mar 2018 03:52

Instrument :
 BNA_N
 ClientSampleId :
 DAMB8MS

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.8	17.8
176	18.7	15.2	22.8

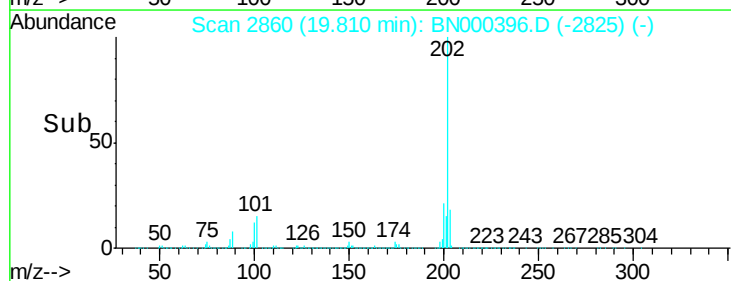
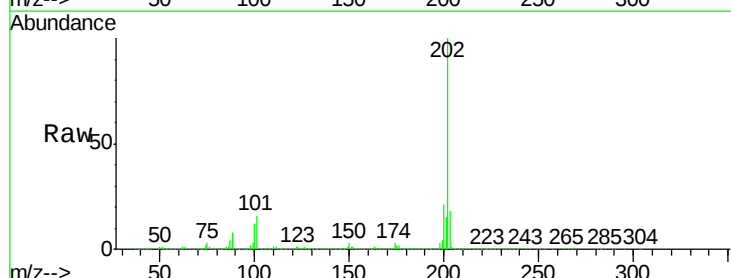
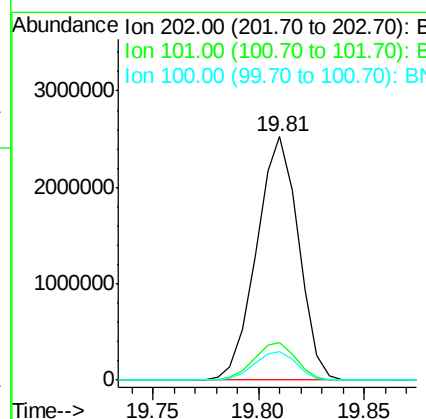
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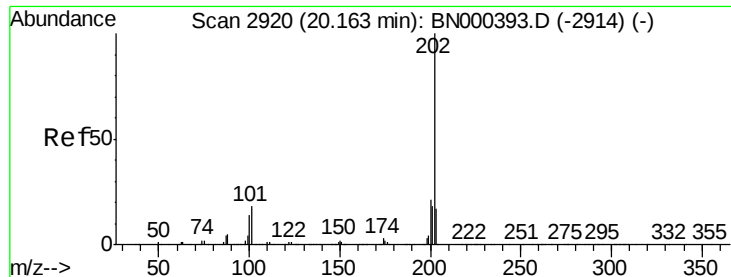
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#16
 Fluoranthene
 Concen: 38.384 ng/ul
 RT: 19.81 min Scan# 2860
 Delta R.T. 0.01 min
 Lab File: BN000396.D
 Acq: 15 Mar 2018 03:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.6	9.9	14.9#
100	12.0	7.4	11.0#





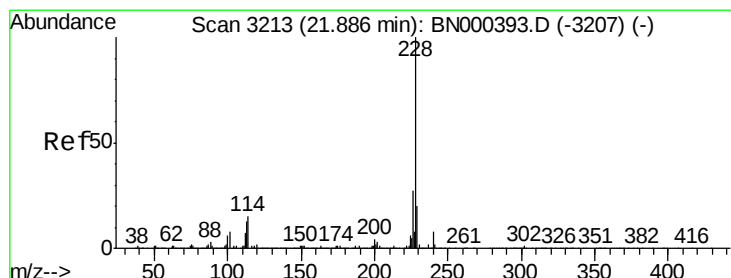
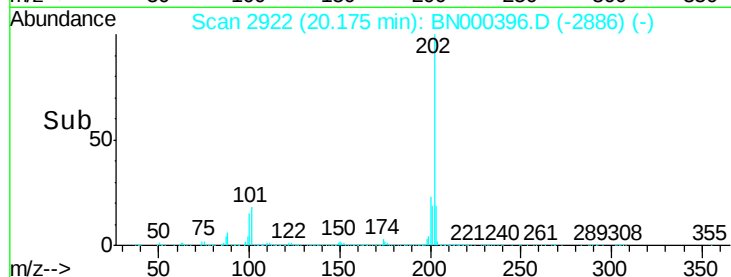
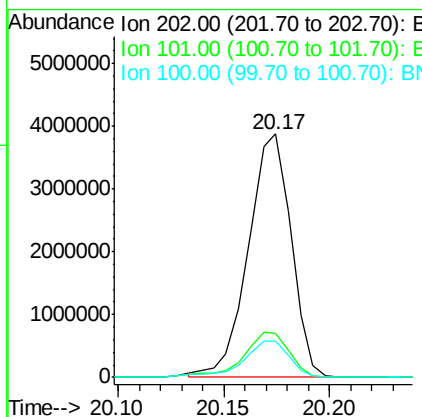
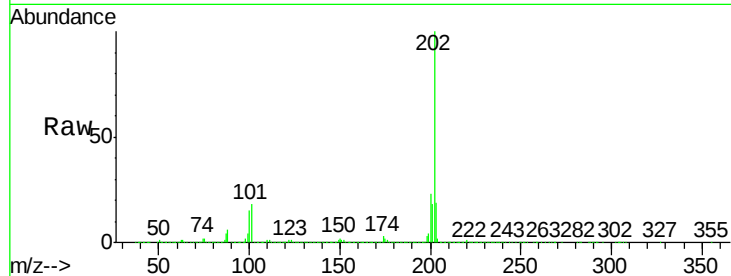
#19
Pyrene
Concen: 64.783 ng/ul
RT: 20.17 min Scan# 2922
Delta R.T. 0.01 min
Lab File: BN000396.D
Acq: 15 Mar 2018 03:52

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.2	11.0	16.4#
100	14.9	8.1	12.1#

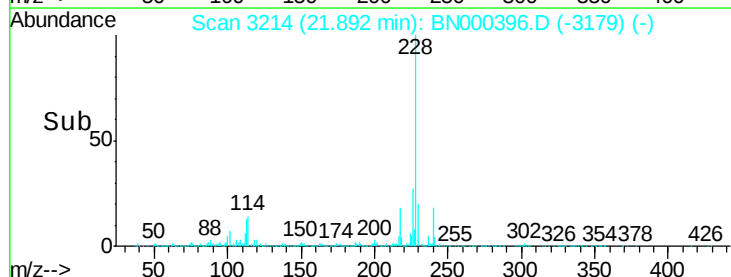
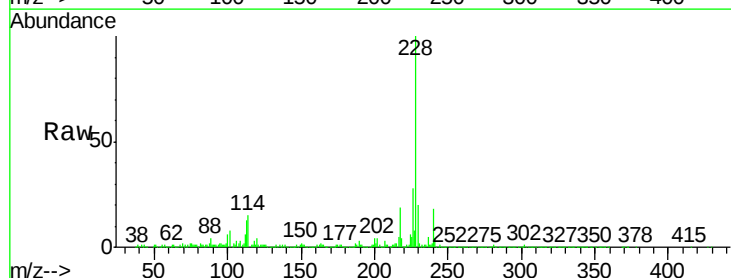
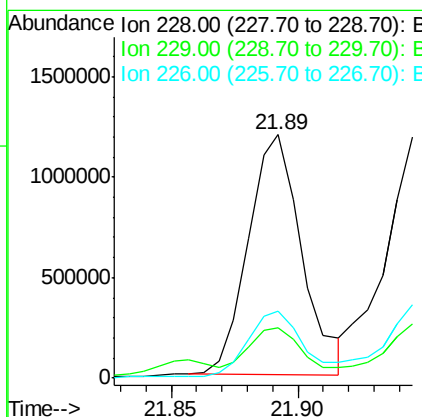
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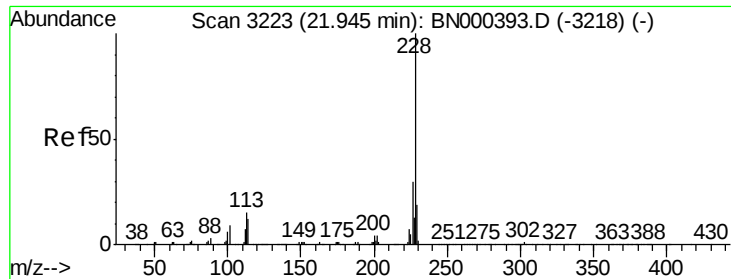
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#20
Benzo(a)anthracene
Concen: 21.217 ng/ul
RT: 21.89 min Scan# 3214
Delta R.T. 0.01 min
Lab File: BN000396.D
Acq: 15 Mar 2018 03:52

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.7	23.5
226	27.6	21.1	31.7





#21

Chrysene

Concen: 22.297 ng/ul

RT: 21.95 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BN000396.D

Acq: 15 Mar 2018 03:52

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:228 Resp: 1753452

Ion Ratio Lower Upper

228 100

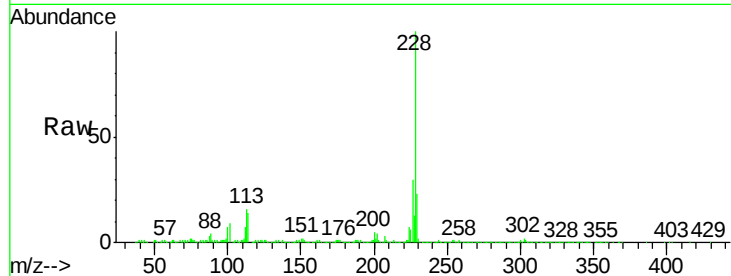
226 30.3 24.5 36.7

229 22.6 15.8 23.8

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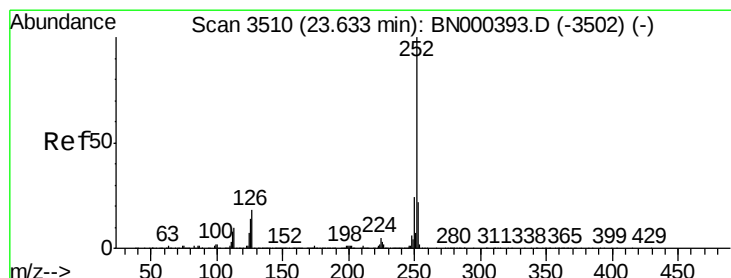
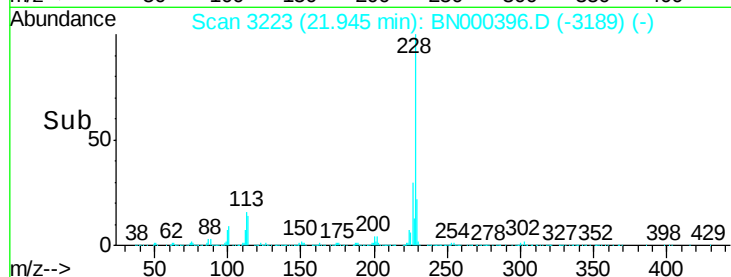
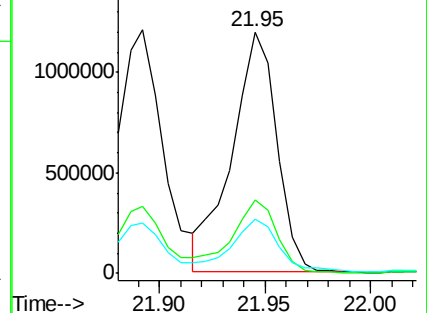
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#23

Benzo(b)fluoranthene

Concen: 30.288 ng/ul

RT: 23.64 min Scan# 3511

Delta R.T. 0.01 min

Lab File: BN000396.D

Acq: 15 Mar 2018 03:52

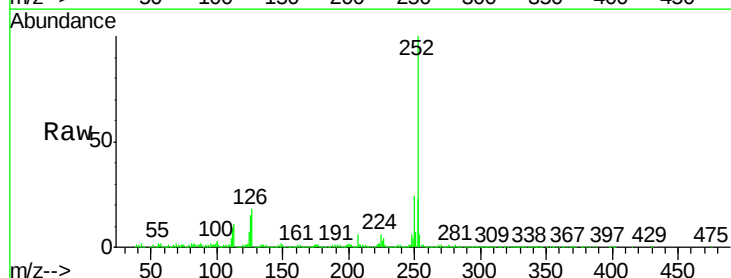
Tgt Ion:252 Resp: 2267606

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

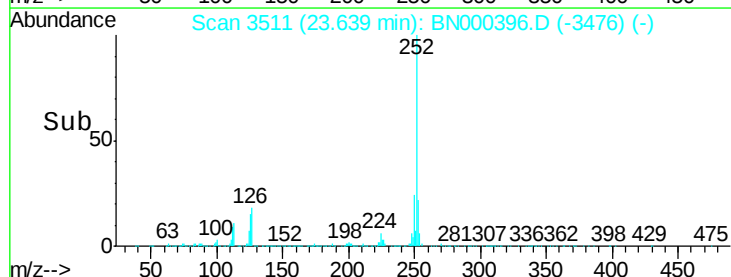
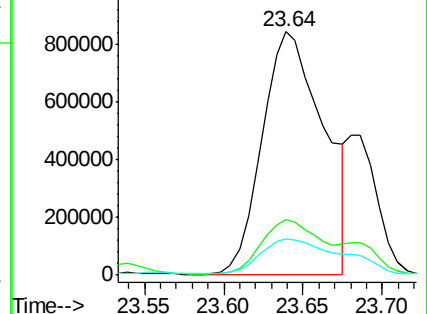
125 15.1 8.0 12.0#

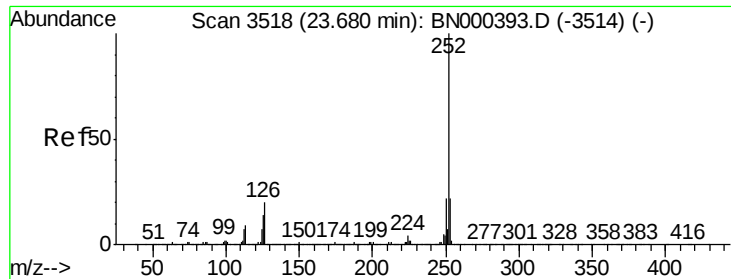


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





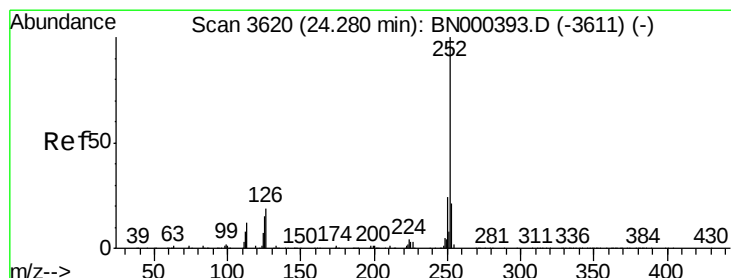
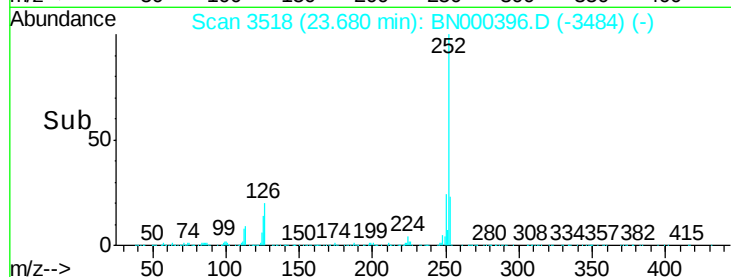
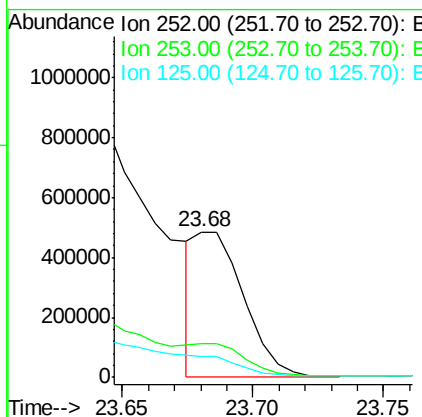
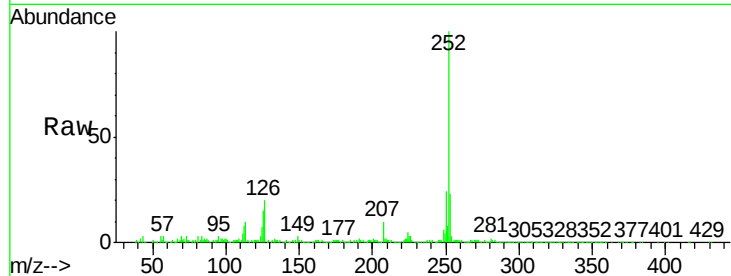
#24
Benzo(k)fluoranthene
Concen: 8.843 ng/ul m
RT: 23.68 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BN000396.D
Acq: 15 Mar 2018 03:52

Instrument :
BNA_N
ClientSampled :
DAMB8MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	14.6	8.1	12.1

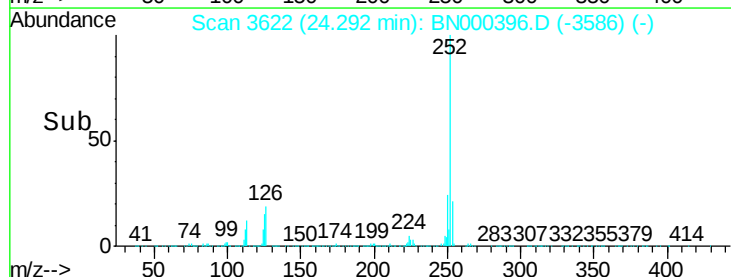
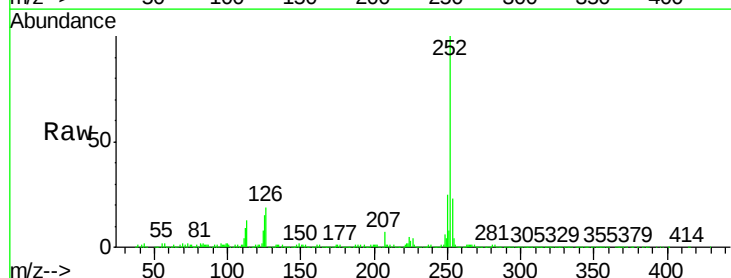
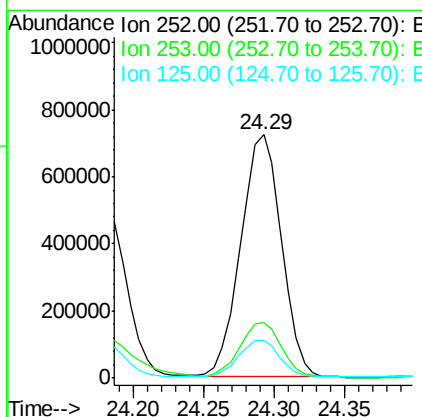
Manual Integrations
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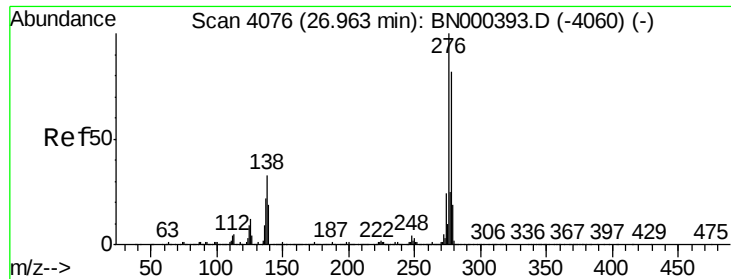
Sohil
3/15/2018 7:03:26 PM



#26
Benzo(a)pyrene
Concen: 20.544 ng/ul
RT: 24.29 min Scan# 3622
Delta R.T. 0.01 min
Lab File: BN000396.D
Acq: 15 Mar 2018 03:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	15.3	8.2	12.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 12.241 ng/ul

RT: 26.96 min Scan# 4076

Delta R.T. 0.00 min

Lab File: BN000396.D

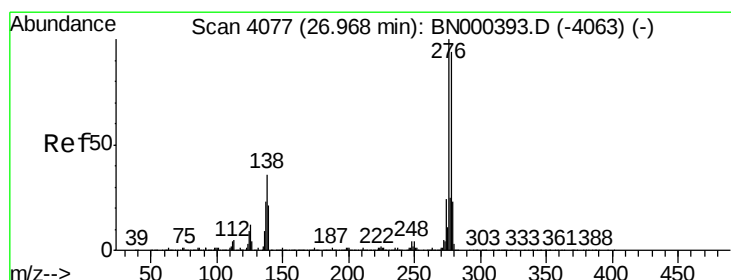
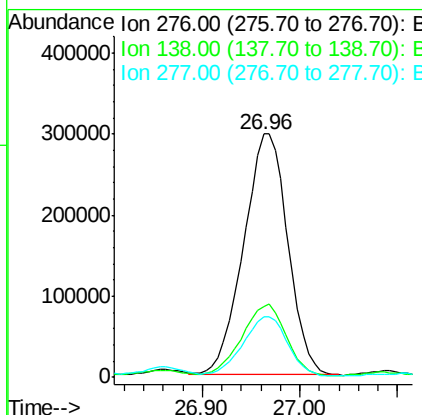
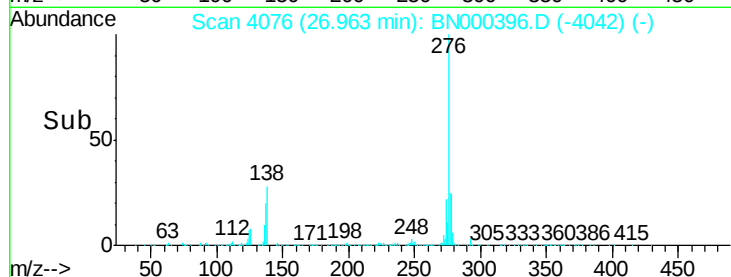
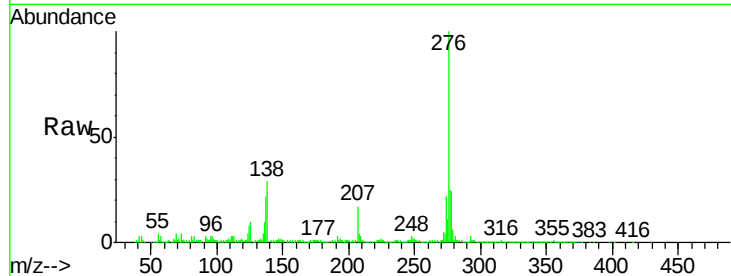
Acq: 15 Mar 2018 03:52

Instrument :
BNA_N
ClientSampleId :
DAMB8MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.0	14.4	21.6#
277	25.1	18.0	27.0

Manual Integrations
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#28

Dibenzo(a,h)anthracene

Concen: 4.216 ng/ul

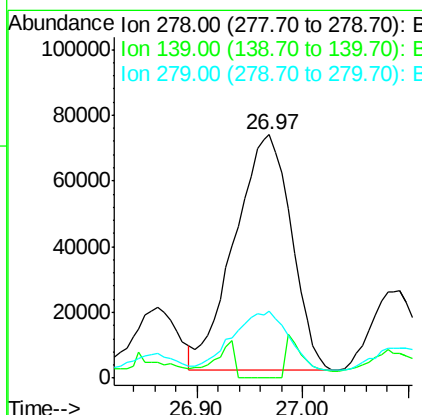
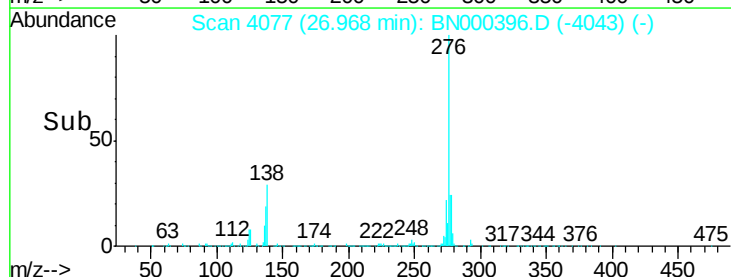
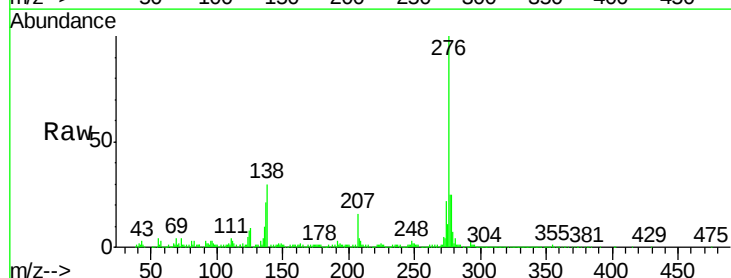
RT: 26.97 min Scan# 4077

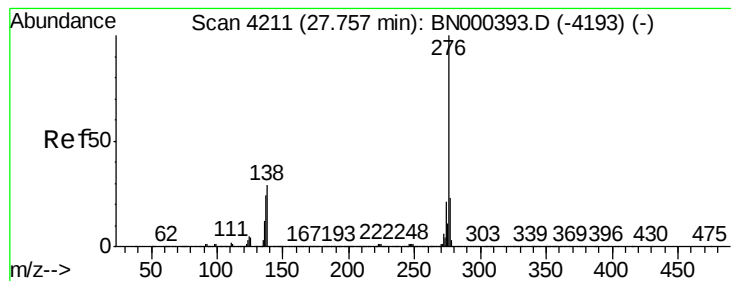
Delta R.T. 0.00 min

Lab File: BN000396.D

Acq: 15 Mar 2018 03:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	27.6	19.2	28.8





#29

Benzo(g,h,i)perylene

Concen: 12.259 ng/ul

RT: 27.76 min Scan# 4212

Delta R.T. 0.01 min

Lab File: BN000396.D

Acq: 15 Mar 2018 03:52

Instrument :

BNA_N

ClientSampleId :

DAMB8MS

Tgt Ion:	276	Resp:	786399
Ion Ratio		Lower	Upper
276	100		
138	30.3	15.3	22.9#
277	24.4	19.0	28.4

Manual Integrations
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