

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
 Data File : BN000422.D
 Acq On : 15 Mar 2018 18:54
 Operator : JU/SJ
 Sample : J1865-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMC2

Manual Integrations
 APPROVED

Sohil
 3/16/2018 12:11:34 PM

Quant Time: Mar 16 07:03:34 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	224694	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1062029	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	594045	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1314633	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	1115241	20.00	ng/ul	0.00
22) Perylene-d12	24.40	264	1026332	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	2375800	40.29	ng/ul	0.00
10) Fluorene-d10	16.05	176	1576623	39.49	ng/ul	0.00
14) Anthracene-d10	17.89	188	2422337	39.44	ng/ul	0.00
18) Pyrene-d10	20.14	212	2501001	45.84	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.24	264	1919447	40.96	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.34	128	69645	1.243	ng/ul	99
4) 2-Methylnaphthalene	12.92	142	53172	1.348	ng/ul	98
13) Phenanthrene	17.83	178	161126	2.137	ng/ul	99
16) Fluoranthene	19.81	202	371494	4.560	ng/ul#	93
19) Pyrene	20.17	202	345704m	4.910	ng/ul	
20) Benzo(a)anthracene	21.89	228	201601m	2.908	ng/ul	
21) Chrysene	21.95	228	232082	3.527	ng/ul	96
23) Benzo(b)fluoranthene	23.64	252	348188	5.689	ng/ul#	91
24) Benzo(k)fluoranthene	23.68	252	82962m	1.448	ng/ul	
26) Benzo(a)pyrene	24.29	252	212707	3.652	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.97	276	156996	2.500	ng/ul#	82
29) Benzo(g,h,i)perylene	27.78	276	148091	2.824	ng/ul#	84

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

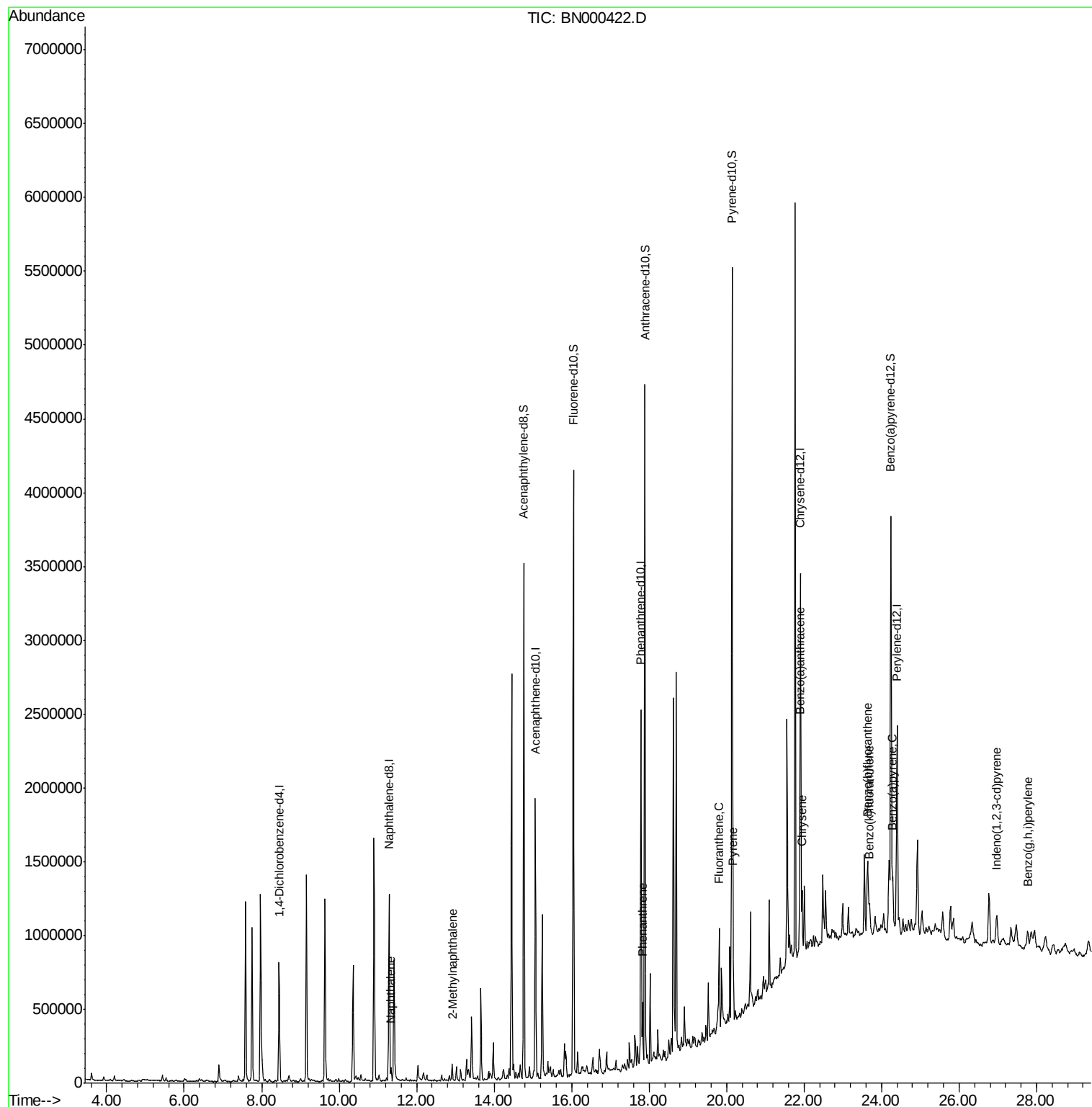
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
Data File : BN000422.D
Acq On : 15 Mar 2018 18:54
Operator : JU/SJ
Sample : J1865-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

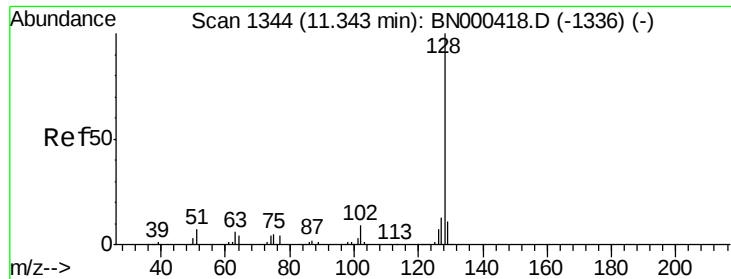
Instrument :
BNA_N
ClientSampled :
DAMC2

Manual Integrations
APPROVED

Sohil
3/16/2018 12:11:34 PM

Quant Time: Mar 16 07:03:34 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: 1.243 ng/ul

RT: 11.34 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BN000422.D

Acq: 15 Mar 2018 18:54

Instrument :

BNA_N

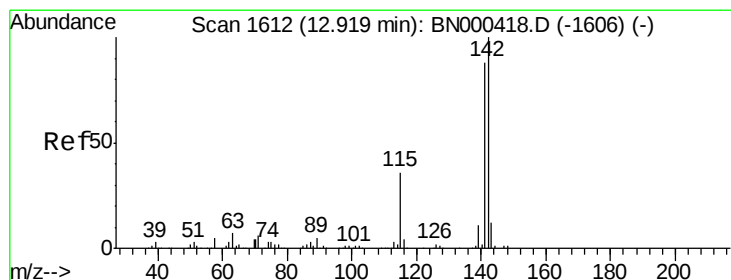
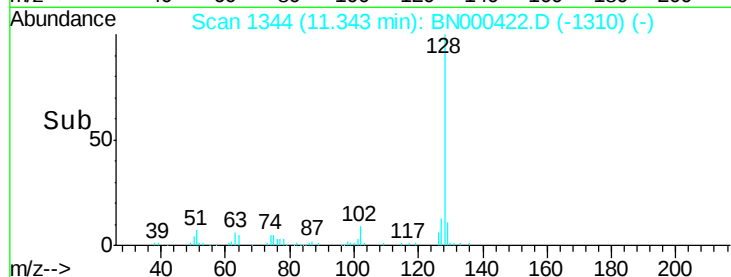
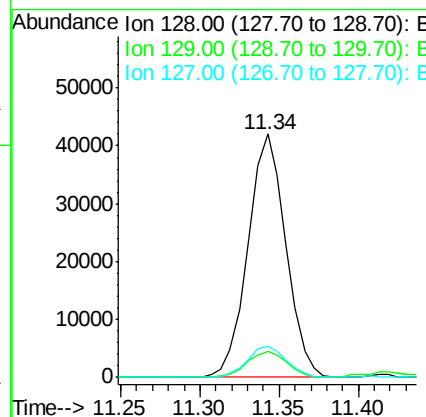
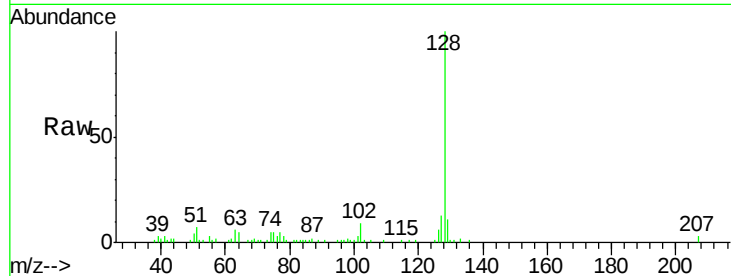
ClientSampled :

DAMC2

Tot Ion:	128	Resp:	69645
Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	12.9	10.6	16.0

Manual Integrations
APPROVED

Sohil
3/16/2018 12:11:34 PM



#4

2-Methylnaphthalene

Concen: 1.348 ng/ul

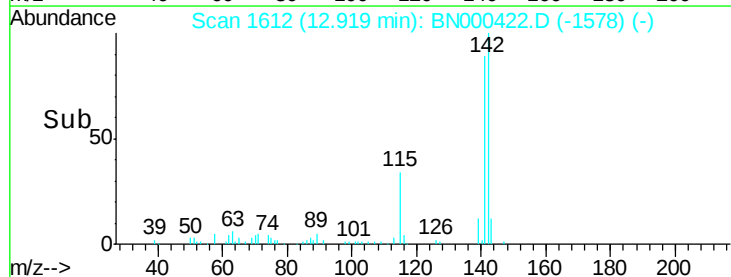
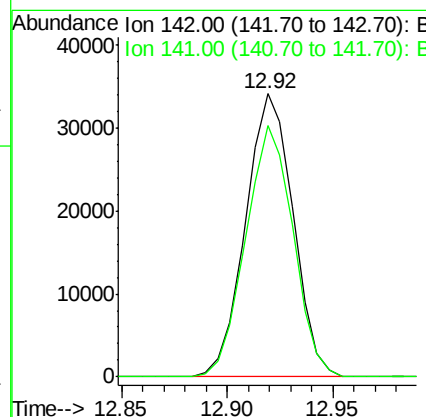
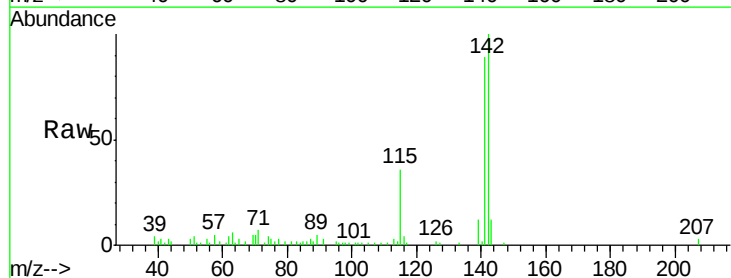
RT: 12.92 min Scan# 1612

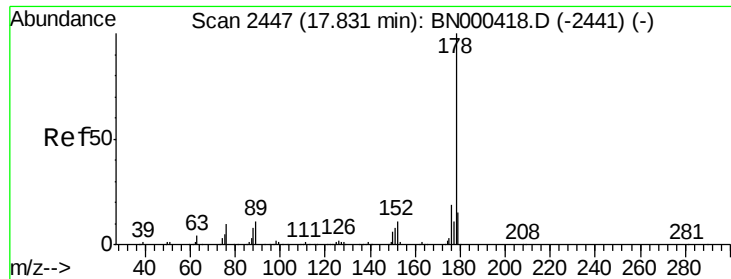
Delta R.T. -0.00 min

Lab File: BN000422.D

Acq: 15 Mar 2018 18:54

Tgt Ion:	142	Resp:	53172
Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.7	109.1





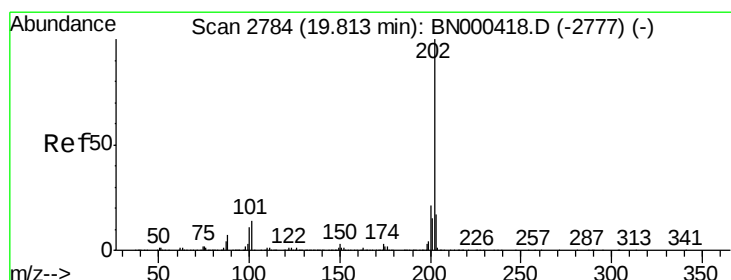
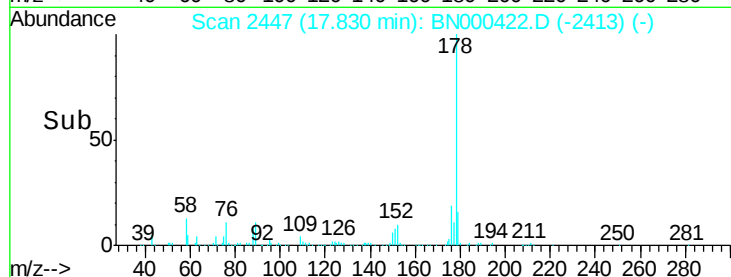
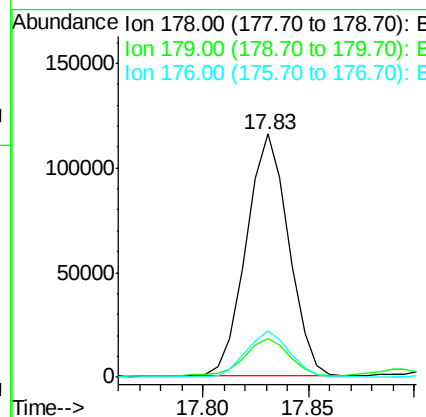
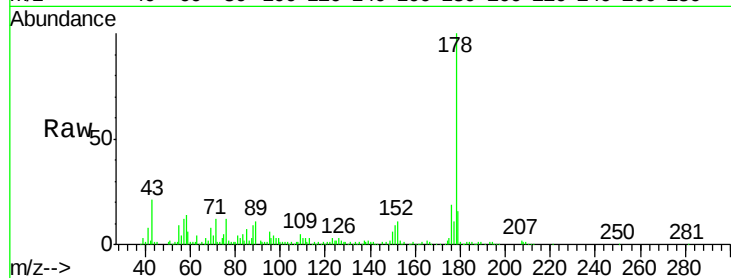
#13
Phenanthrene
Concen: 2.137 ng/ul
RT: 17.83 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BN000422.D
Acq: 15 Mar 2018 18:54

Instrument :
BNA_N
ClientSampleId :
DAMC2

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.3	18.5
176	19.4	15.1	22.7

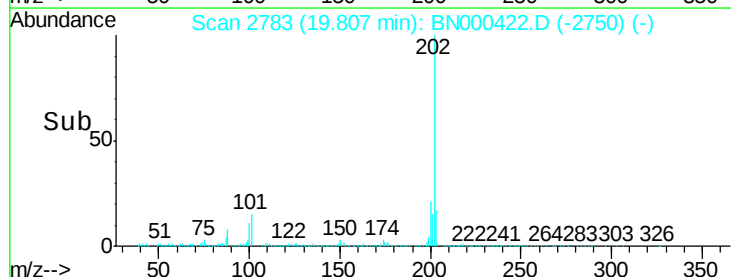
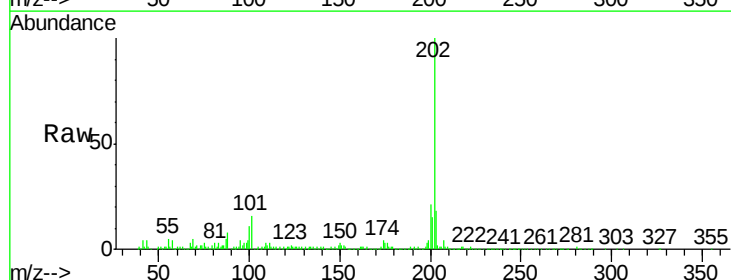
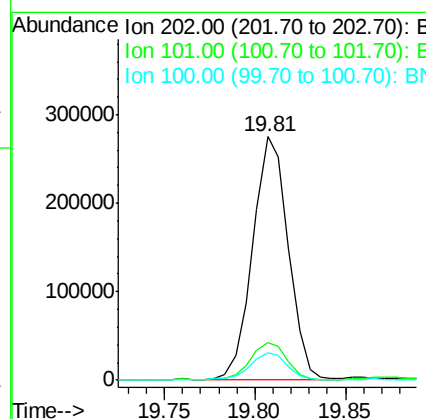
Manual Integrations
APPROVED

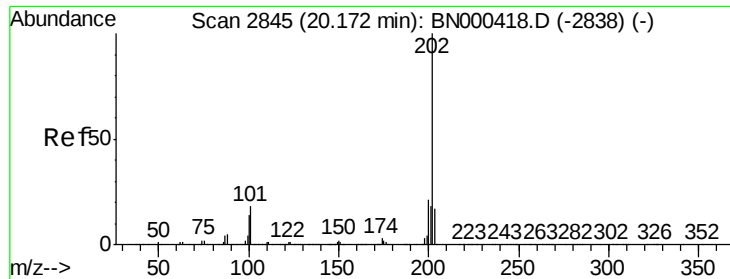
Sohil
3/16/2018 12:11:34 PM



#16
Fluoranthene
Concen: 4.560 ng/ul
RT: 19.81 min Scan# 2783
Delta R.T. -0.01 min
Lab File: BN000422.D
Acq: 15 Mar 2018 18:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.6	9.9	14.9#
100	11.4	7.4	11.0#





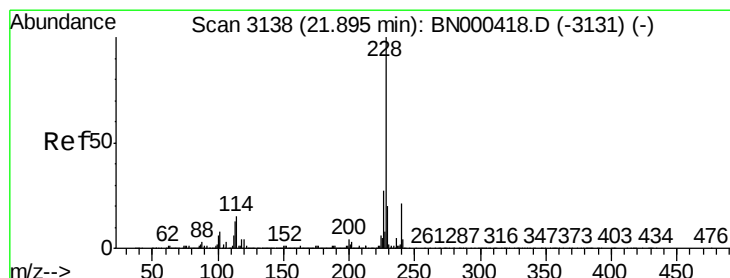
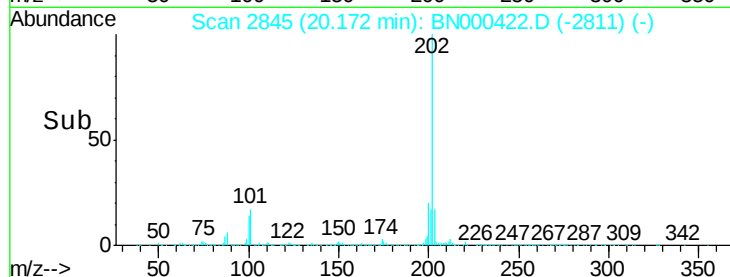
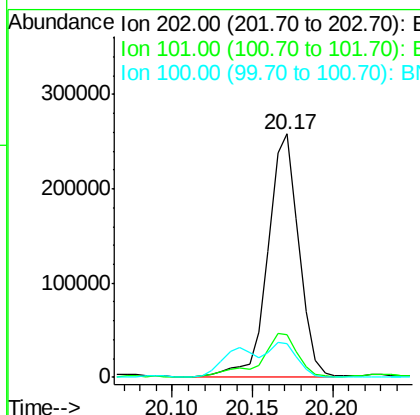
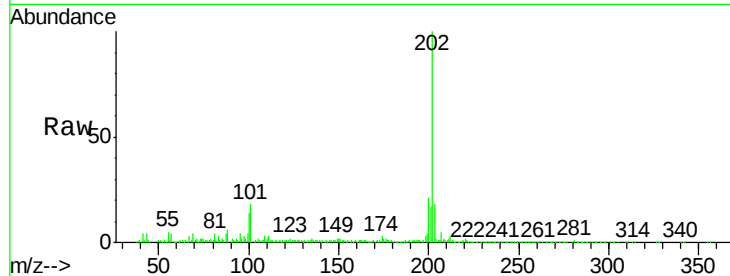
#19
Pvrene
Concen: 4.910 ng/ul m
RT: 20.17 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BN000422.D
Acq: 15 Mar 2018 18:54

Instrument :
BNA_N
ClientSampleId :
DAMC2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	17.7	11.0	16.4#
100	13.6	8.1	12.1#

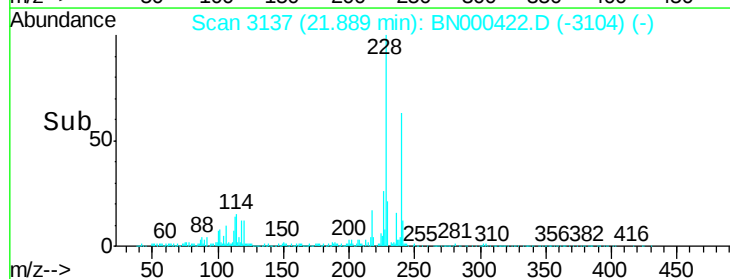
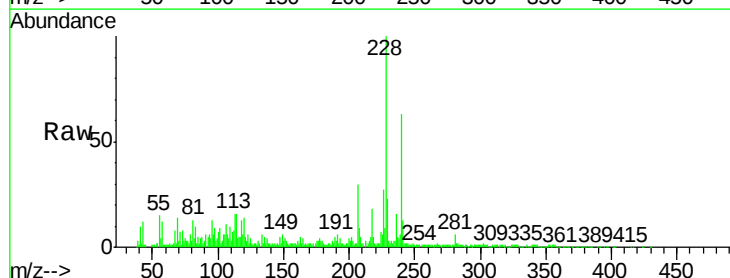
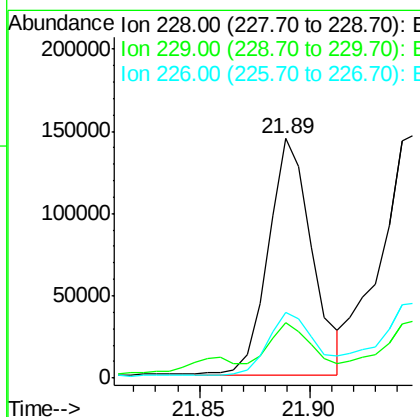
Manual Integrations
APPROVED

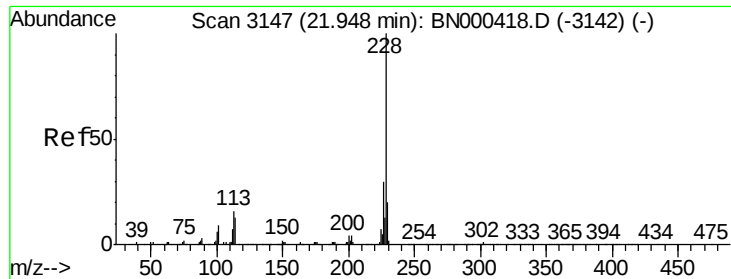
Sohil
3/16/2018 12:11:34 PM



#20
Benzo(a)anthracene
Concen: 2.908 ng/ul m
RT: 21.89 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BN000422.D
Acq: 15 Mar 2018 18:54

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.0	15.7	23.5
226	27.3	21.1	31.7





#21

Chrysene

Concen: 3.527 ng/ul

RT: 21.95 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BN000422.D

Acq: 15 Mar 2018 18:54

Instrument :

BNA_N

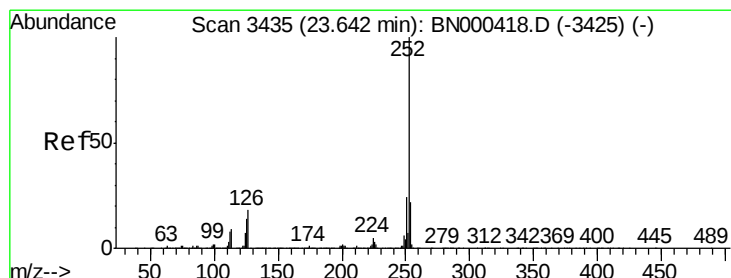
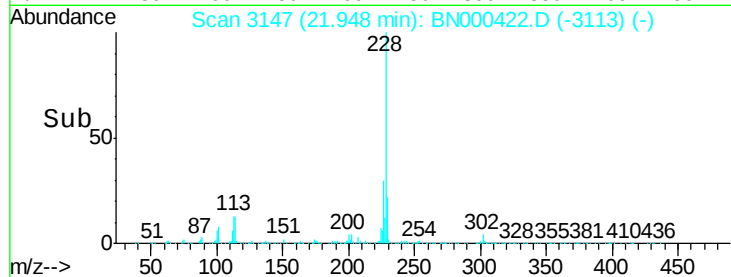
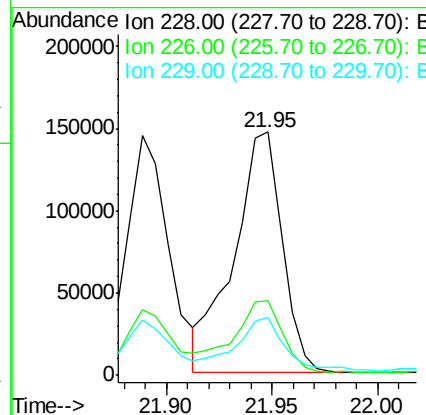
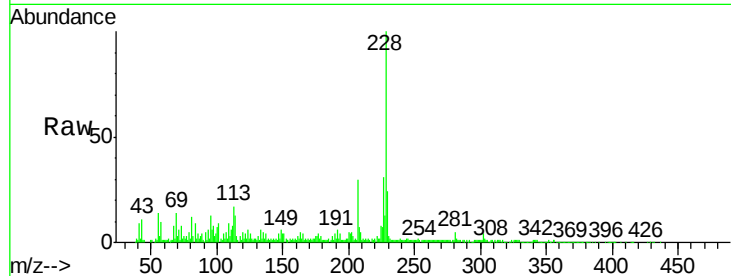
ClientSampled :

DAMC2

Tot Ion:	228	Resp:	232082
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.5	36.7
229	23.7	15.8	23.8

Manual Integrations
APPROVED

Sohil
3/16/2018 12:11:34 PM



#23

Benzo(b)fluoranthene

Concen: 5.689 ng/ul

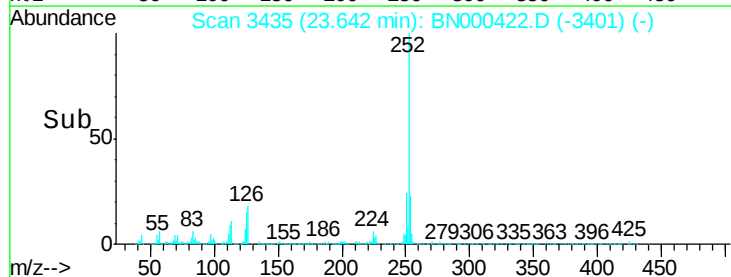
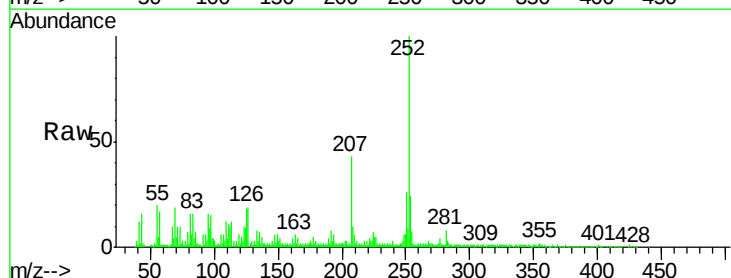
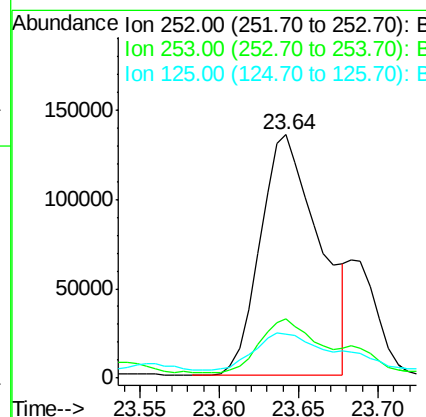
RT: 23.64 min Scan# 3435

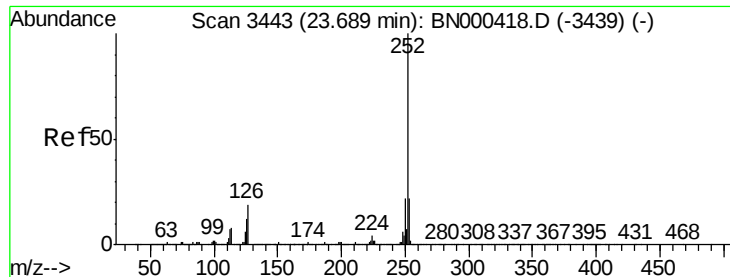
Delta R.T. -0.00 min

Lab File: BN000422.D

Acq: 15 Mar 2018 18:54

Tgt Ion:	252	Resp:	348188
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.0	27.0
125	18.2	8.0	12.0#





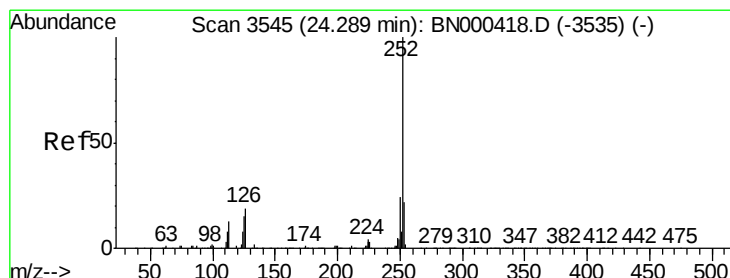
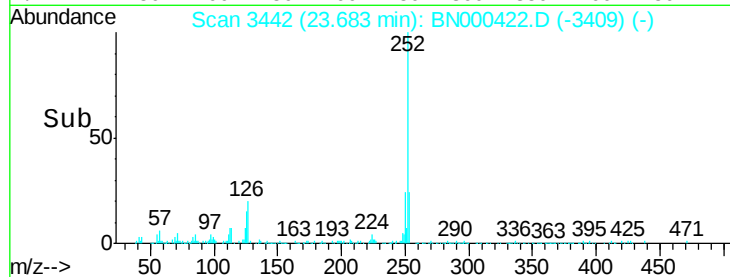
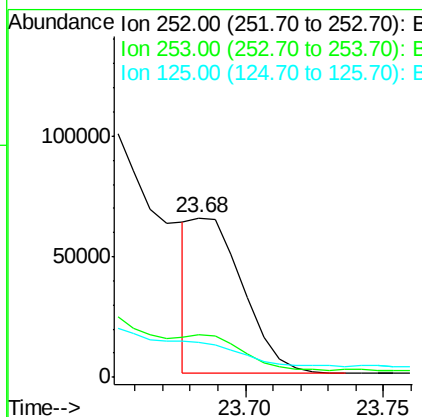
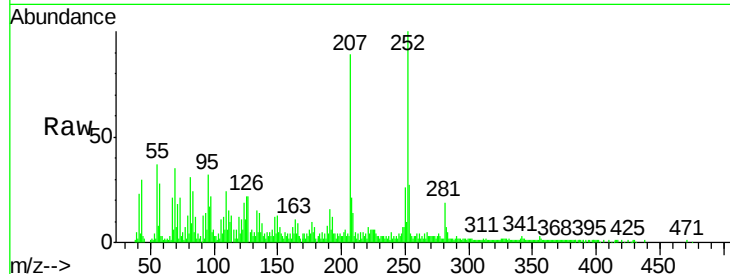
#24
Benzo(k)fluoranthene
Concen: 1.448 ng/ul m
RT: 23.68 min Scan# 3442
Delta R.T. -0.01 min
Lab File: BN000422.D
Acq: 15 Mar 2018 18:54

Instrument :
BNA_N
ClientSampled :
DAMC2

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.0	27.0#
125	22.1	8.1	12.1#

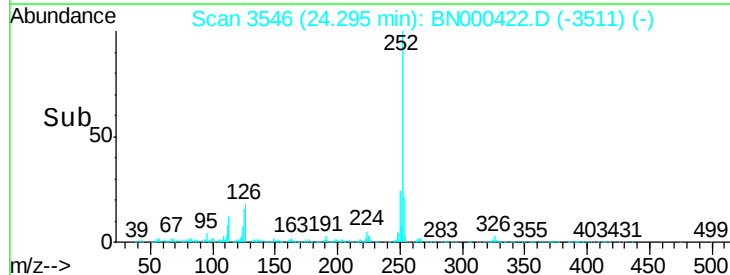
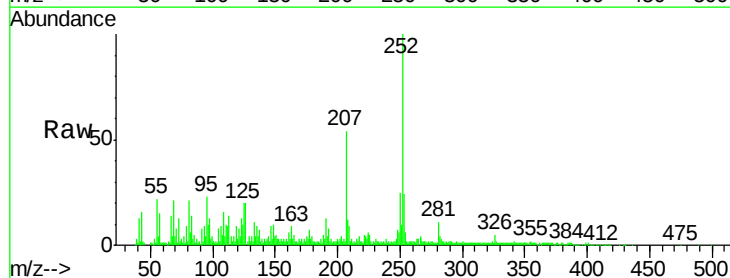
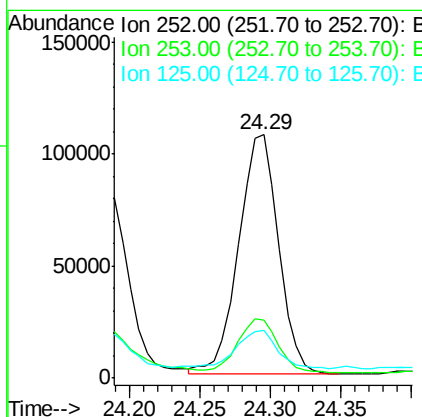
Manual Integrations
APPROVED

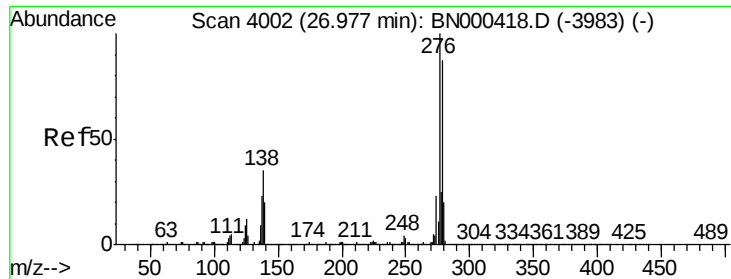
Sohil
3/16/2018 12:11:34 PM



#26
Benzo(a)pyrene
Concen: 3.652 ng/ul
RT: 24.29 min Scan# 3546
Delta R.T. 0.01 min
Lab File: BN000422.D
Acq: 15 Mar 2018 18:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	19.8	8.2	12.4#





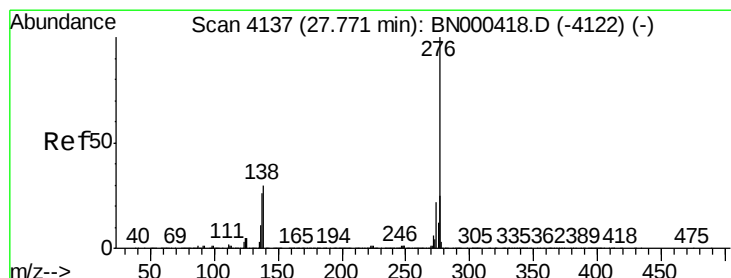
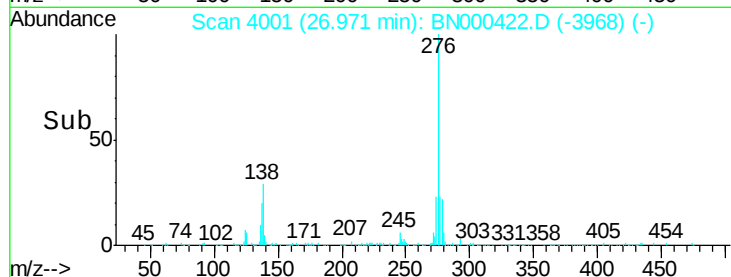
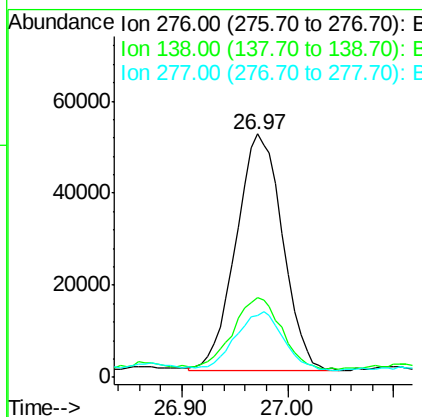
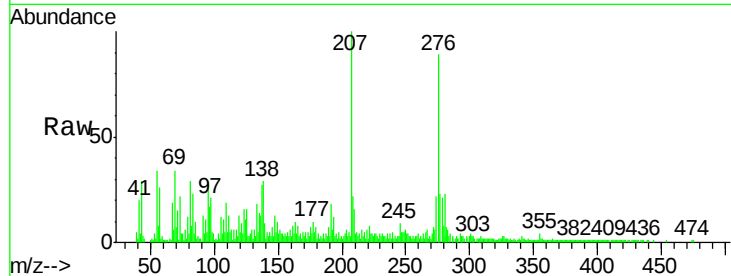
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.500 ng/ul
RT: 26.97 min Scan# 4001
Delta R.T. -0.01 min
Lab File: BN000422.D
Acq: 15 Mar 2018 18:54

Instrument :
BNA_N
ClientSampleId :
DAMC2

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.6	14.4	21.6#
277	25.4	18.0	27.0

Manual Integrations
APPROVED

Sohil
3/16/2018 12:11:34 PM



#29
Benzo(g,h,i)perylene
Concen: 2.824 ng/ul
RT: 27.78 min Scan# 4138
Delta R.T. 0.01 min
Lab File: BN000422.D
Acq: 15 Mar 2018 18:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.4	15.3	22.9#
277	25.4	19.0	28.4

