

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121818\
 Data File : BN004088.D
 Acq On : 18 Dec 2018 21:59
 Operator : JU/SJ
 Sample : J6271-03DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F10DL

Manual Integrations
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Quant Time: Dec 19 04:21:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 04:08:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1682	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8077	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5013	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	12380	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	13323	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	14846	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	689	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	2342	0.06	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.68	128	32909	1.451	ng/ul	99
5) 2-Methylnaphthalene	12.29	142	63155	3.987	ng/ul	100
7) Acenaphthylene	14.19	152	1779	0.079	ng/ul#	51
8) Acenaphthene	14.53	153	2569	0.130	ng/ul	90
9) Fluorene	15.52	166	3299	0.143	ng/ul#	91
12) Phenanthrene	17.26	178	329719	8.115	ng/ul	99
13) Anthracene	17.35	178	25833	0.774	ng/ul	98
15) Fluoranthene	19.27	202	59682	1.244	ng/ul	94
17) Pyrene	19.64	202	312987	6.550	ng/ul	97
18) Benzo(a)anthracene	21.39	228	106658m	2.535	ng/ul	
19) Chrysene	21.44	228	193859	4.026	ng/ul	96
21) Benzo(b)fluoranthene	23.02	252	57921m	0.943	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	11089m	0.185	ng/ul	
23) Benzo(a)pyrene	23.62	252	65160	1.225	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	26.08	276	29667	0.486	ng/ul	97
25) Dibenzo(a,h)anthracene	26.08	278	20110	0.410	ng/ul#	57
26) Benzo(a,h,i)perylene	26.82	276	60827	1.148	ng/ul#	92

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

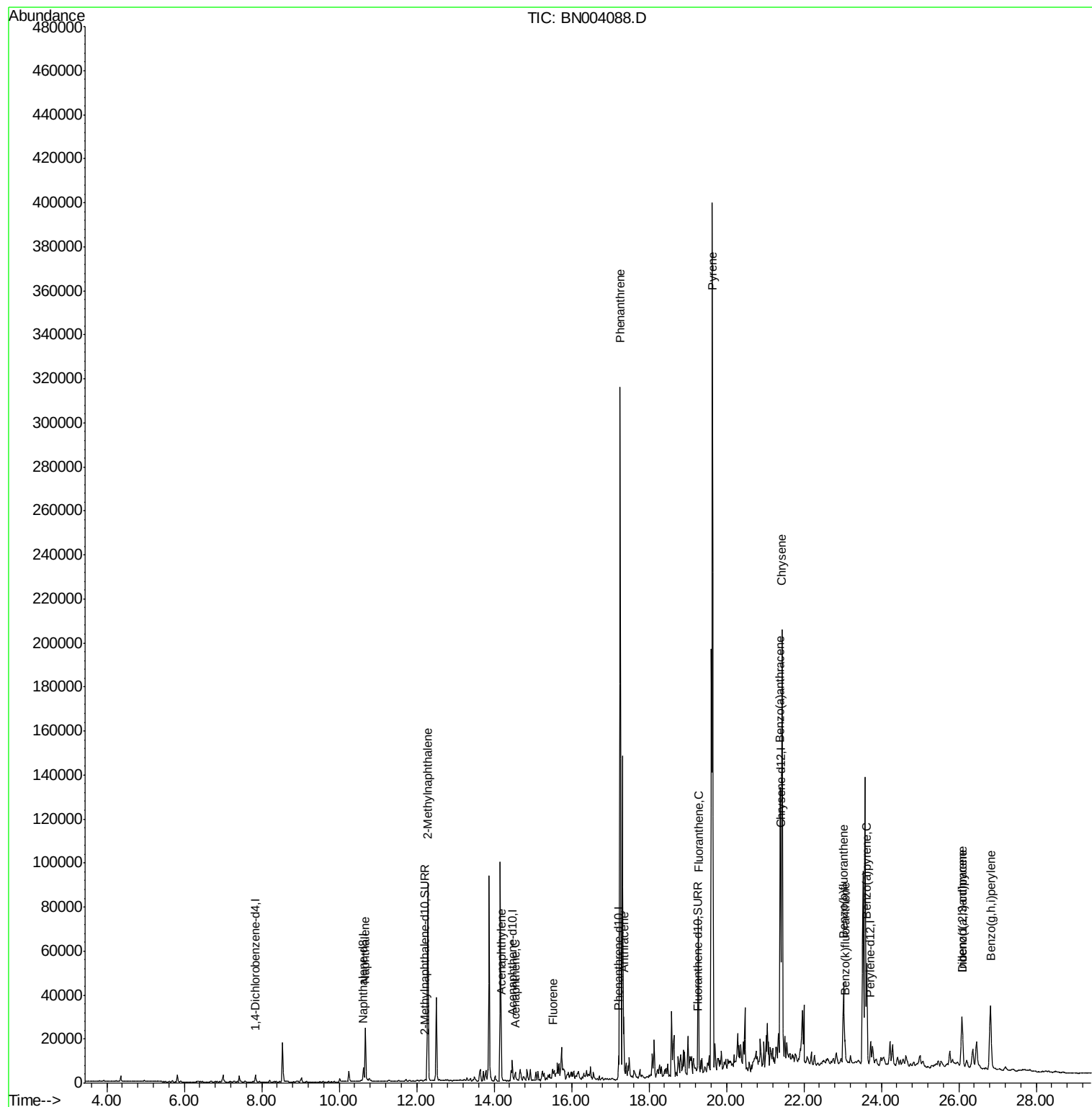
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121818\
Data File : BN004088.D
Acq On : 18 Dec 2018 21:59
Operator : JU/SJ
Sample : J6271-03DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

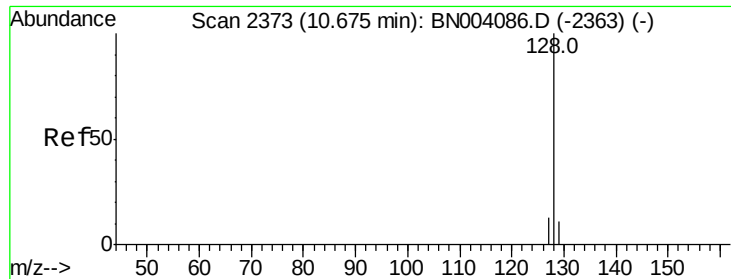
Instrument :
BNA_N
ClientSampleId :
F9F10DL

Manual Integrations
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Quant Time: Dec 19 04:21:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 04:08:55 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.451 ng/ul

RT: 10.68 min Scan# 2373

Delta R.T. 0.00 min

Lab File: BN004088.D

Acq: 18 Dec 2018 21:59

Instrument :

BNA_N

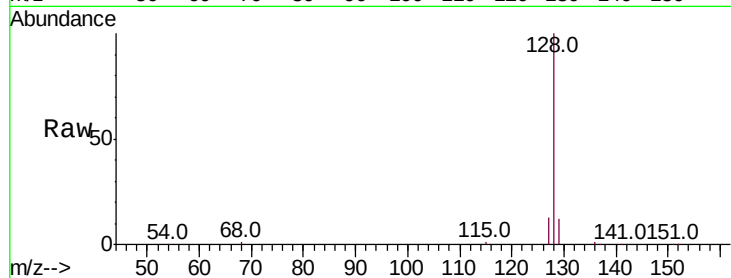
ClientSampleId :

F9F10DL

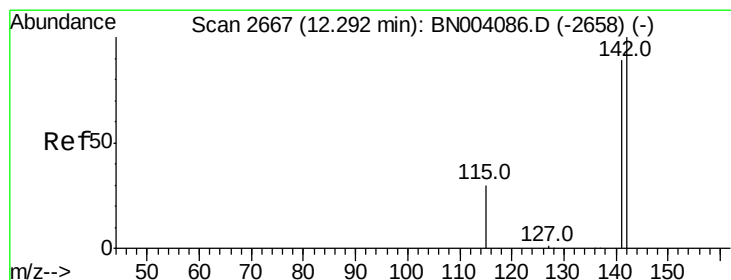
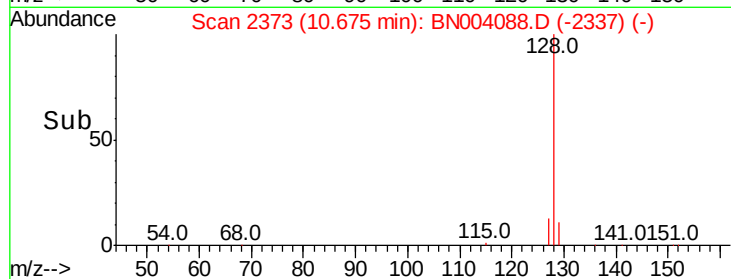
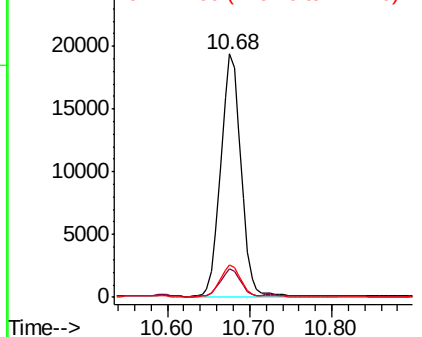
Tot Ion:	128	Resp:	32909
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.0	13.6
127	13.4	10.5	15.7

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 3.987 ng/ul

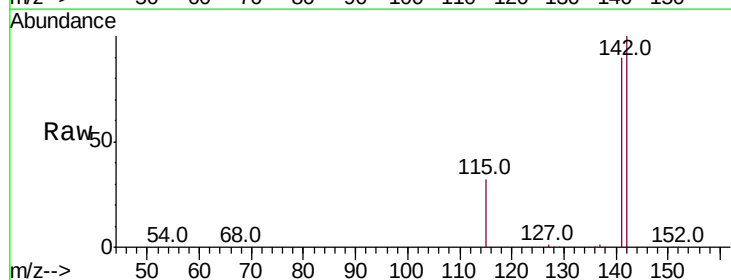
RT: 12.29 min Scan# 2666

Delta R.T. -0.01 min

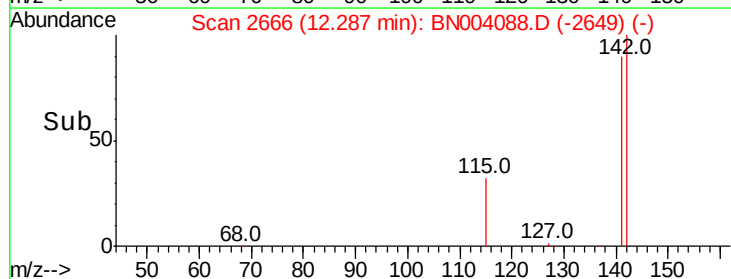
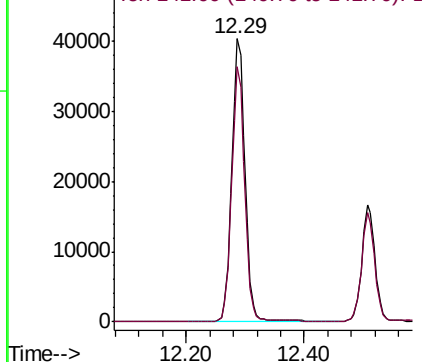
Lab File: BN004088.D

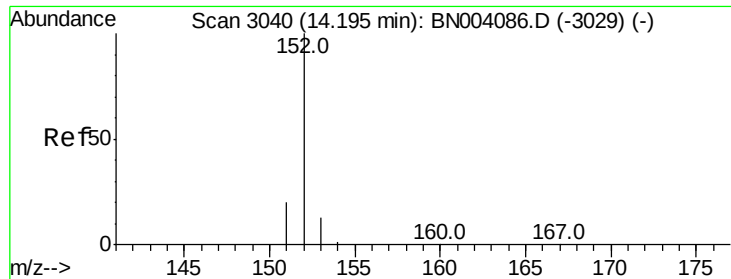
Acq: 18 Dec 2018 21:59

Tgt Ion:	142	Resp:	63155
Ion Ratio	Lower	Upper	
142	100		
141	89.4	71.5	107.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.079 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN004088.D

Acq: 18 Dec 2018 21:59

Instrument :

BNA_N

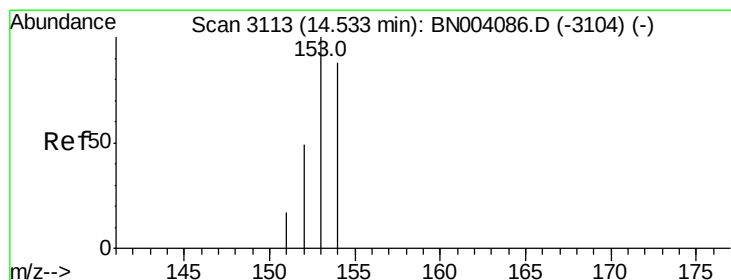
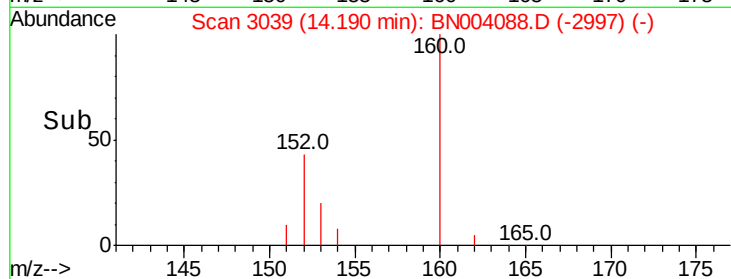
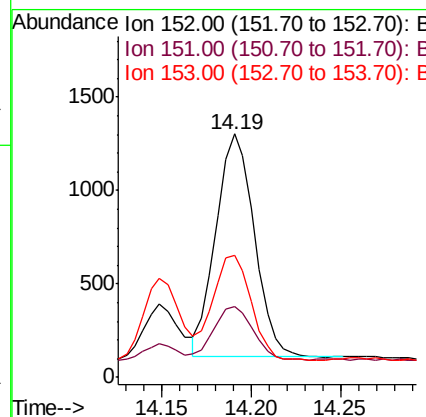
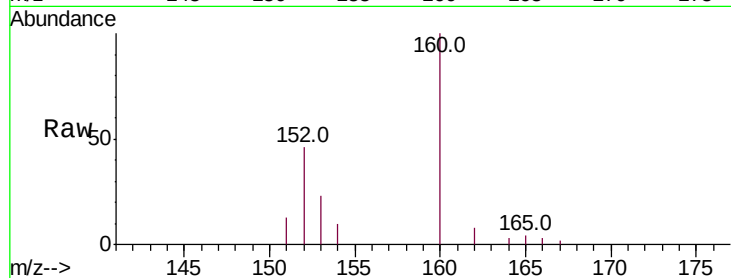
ClientSampled :

F9F10DL

Tot Ion:	152	Resp:	1779
Ion Ratio	Lower	Upper	
152	100		
151	29.2	15.9	23.9#
153	50.2	10.7	16.1#

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#8

Acenaphthene

Concen: 0.130 ng/ul

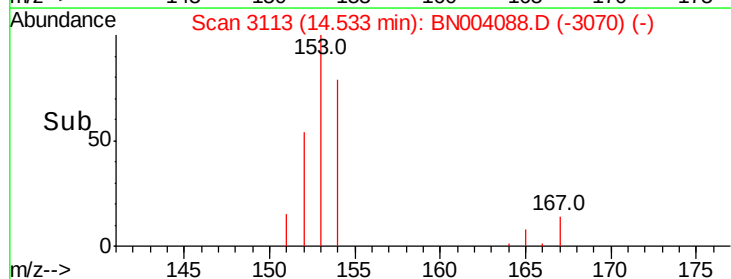
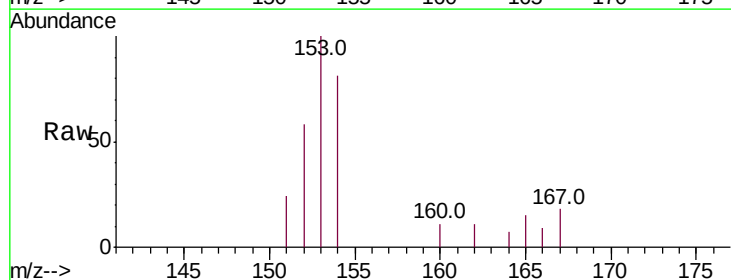
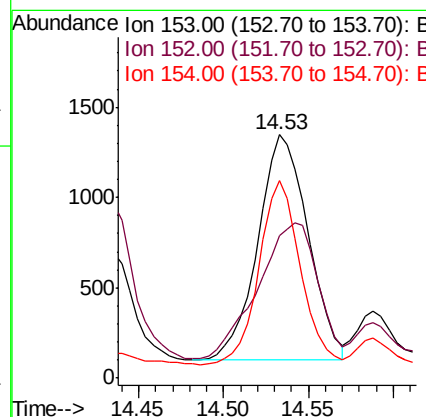
RT: 14.53 min Scan# 3113

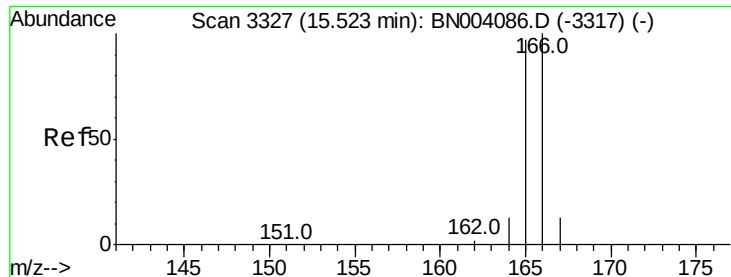
Delta R.T. 0.00 min

Lab File: BN004088.D

Acq: 18 Dec 2018 21:59

Tgt Ion:	153	Resp:	2569
Ion Ratio	Lower	Upper	
153	100		
152	58.5	39.3	58.9
154	81.2	70.3	105.5





#9

Fluorene

Concen: 0.143 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. -0.00 min

Lab File: BN004088.D

Acq: 18 Dec 2018 21:59

Instrument :

BNA_N

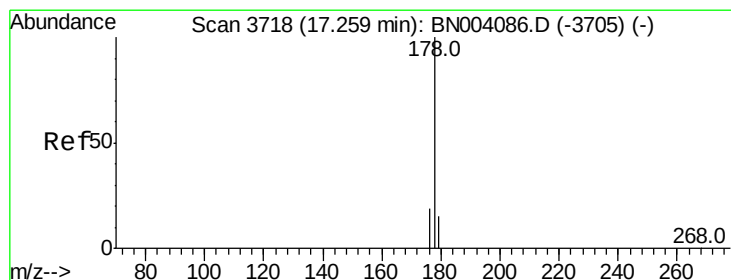
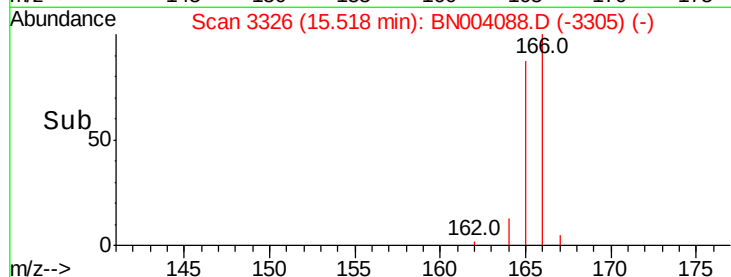
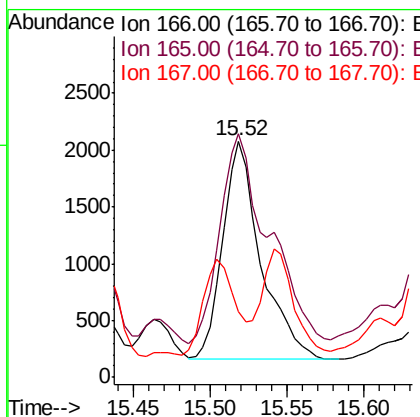
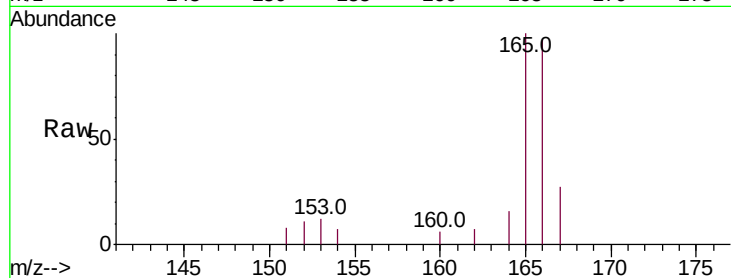
ClientSampleId :

F9F10DL

Tot Ion:	166	Resp:	3299
Ion	Ratio	Lower	Upper
166	100		
165	103.2	78.3	117.5
167	27.8	11.3	16.9#

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#12

Phenanthrene

Concen: 8.115 ng/ul

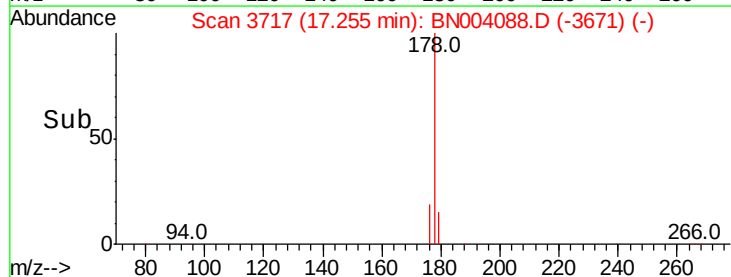
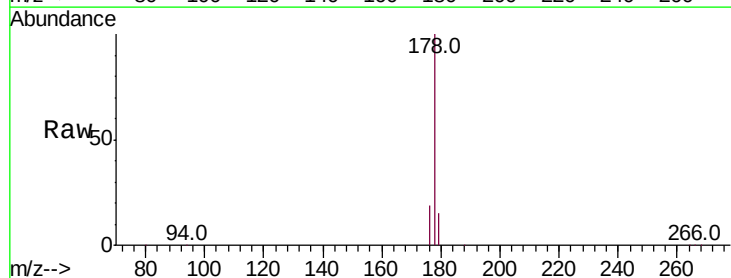
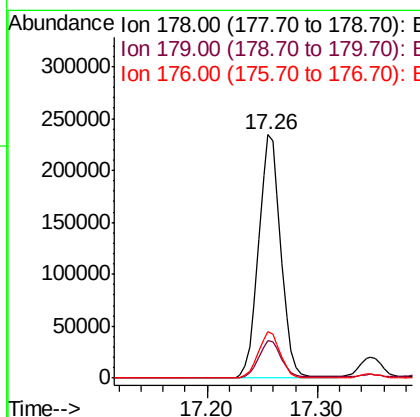
RT: 17.26 min Scan# 3717

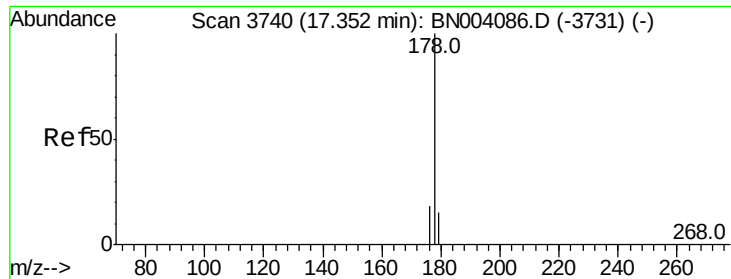
Delta R.T. -0.00 min

Lab File: BN004088.D

Acq: 18 Dec 2018 21:59

Tgt Ion:	178	Resp:	329719
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	19.0	15.0	22.4





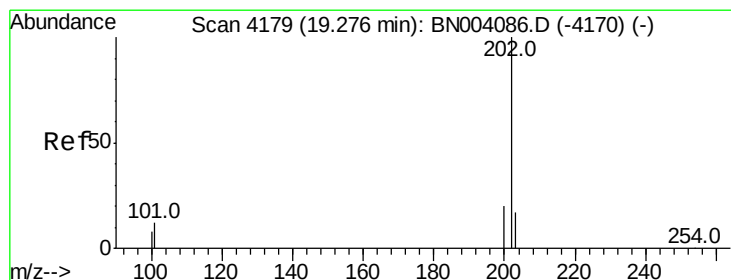
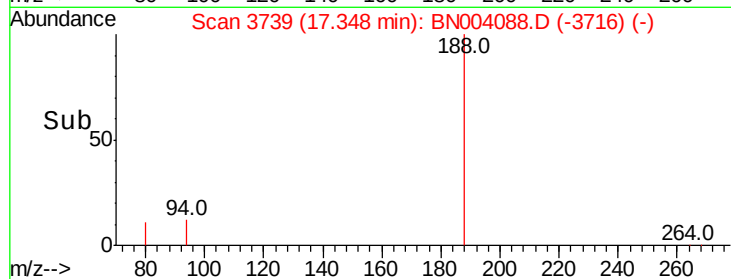
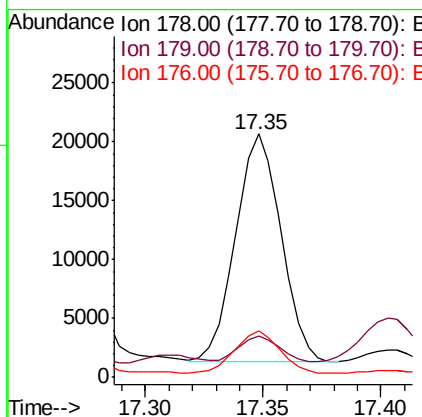
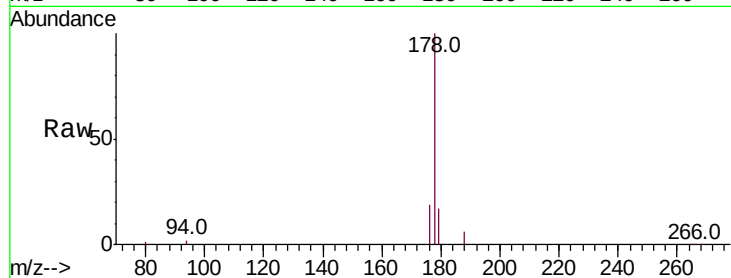
#13
 Anthracene
 Concen: 0.774 ng/ul
 RT: 17.35 min Scan# 3739
 Delta R.T. -0.00 min
 Lab File: BN004088.D
 Acq: 18 Dec 2018 21:59

Instrument :
 BNA_N
 ClientSampled :
 F9F10DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.3	18.5
176	18.9	14.8	22.2

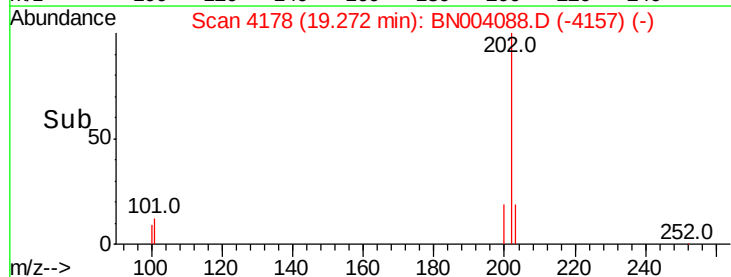
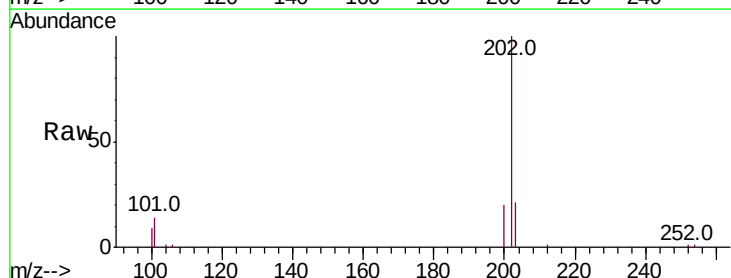
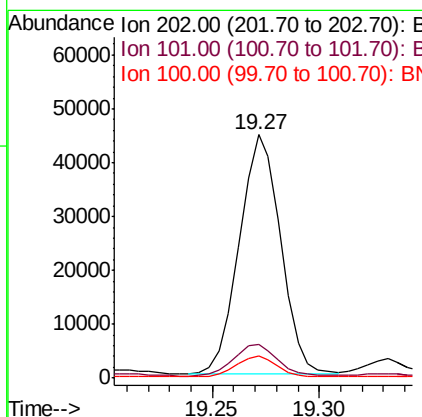
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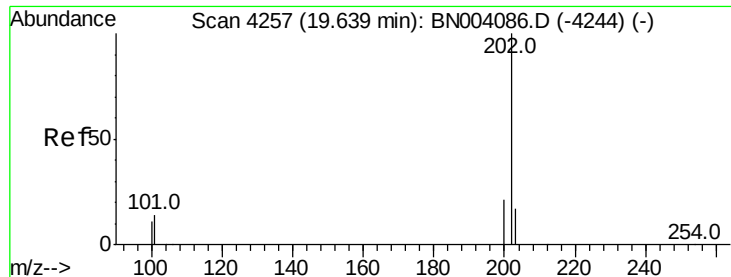
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#15
 Fluoranthene
 Concen: 1.244 ng/ul
 RT: 19.27 min Scan# 4178
 Delta R.T. -0.00 min
 Lab File: BN004088.D
 Acq: 18 Dec 2018 21:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	30.7
100	9.0	0.0	28.1





#17

Pvrene

Concen: 6.550 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. 0.00 min

Lab File: BN004088.D

Acq: 18 Dec 2018 21:59

Instrument :

BNA_N

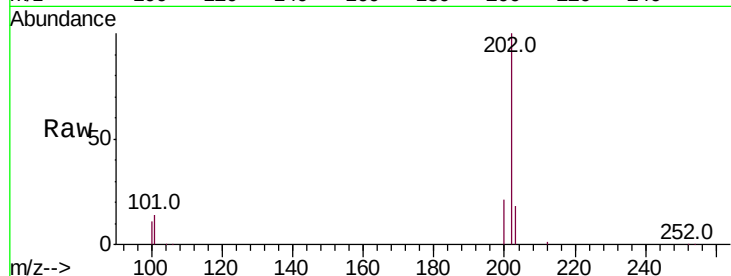
ClientSampleId :

F9F10DL

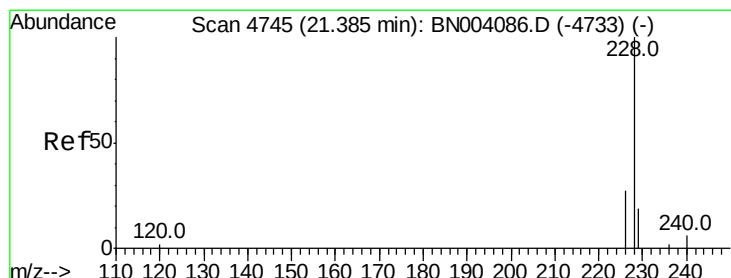
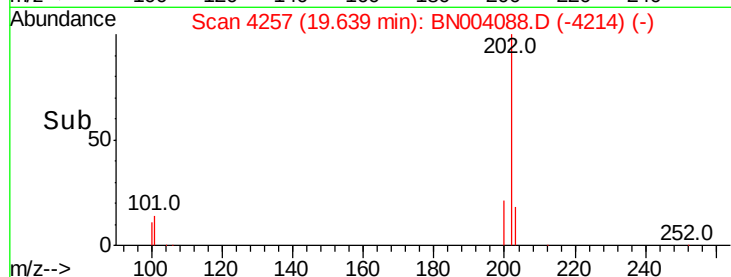
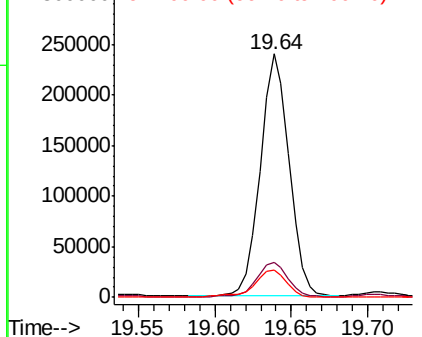
Tot Ion:	202	Resp:	312987
Ion Ratio	Lower	Upper	
202	100		
101	14.5	10.3	15.5
100	11.4	8.5	12.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 2.535 ng/ul m

RT: 21.39 min Scan# 4745

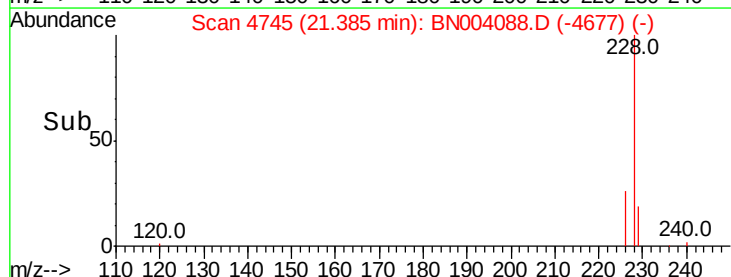
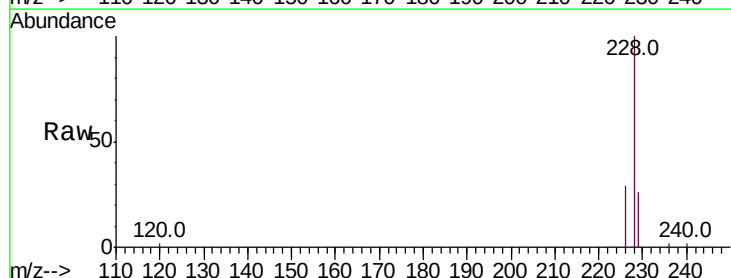
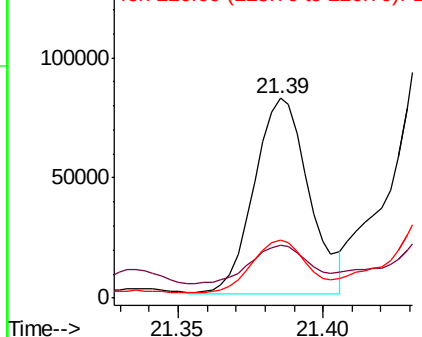
Delta R.T. 0.00 min

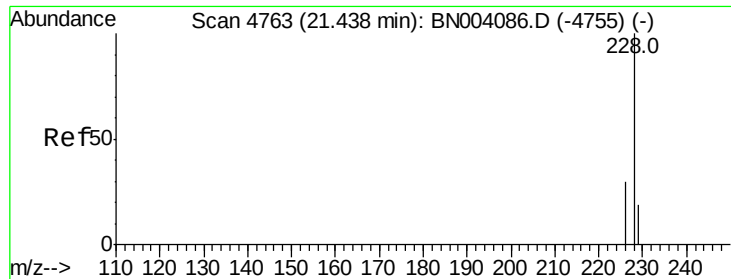
Lab File: BN004088.D

Acq: 18 Dec 2018 21:59

Tgt Ion:	228	Resp:	106658
Ion Ratio	Lower	Upper	
228	100		
229	26.5	15.6	23.4#
226	29.1	21.1	31.7

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 4.026 ng/ul

RT: 21.44 min Scan# 4763

Delta R.T. 0.00 min

Lab File: BN004088.D

Acq: 18 Dec 2018 21:59

Instrument :

BNA_N

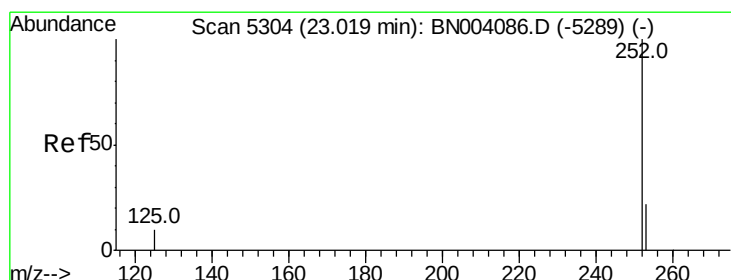
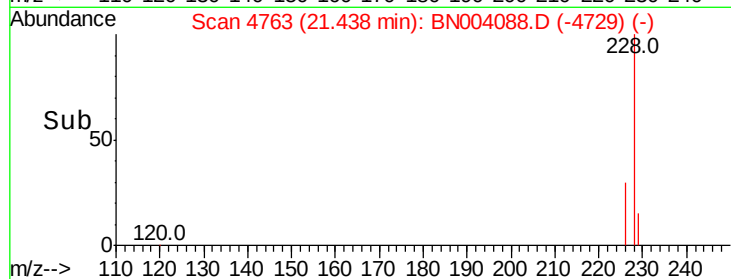
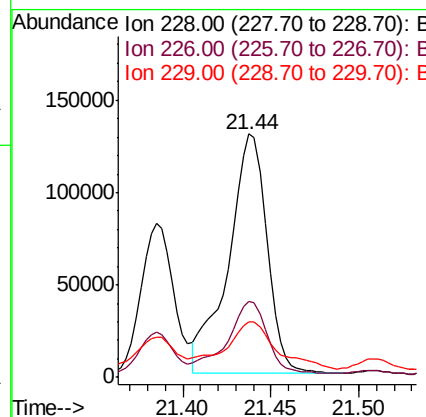
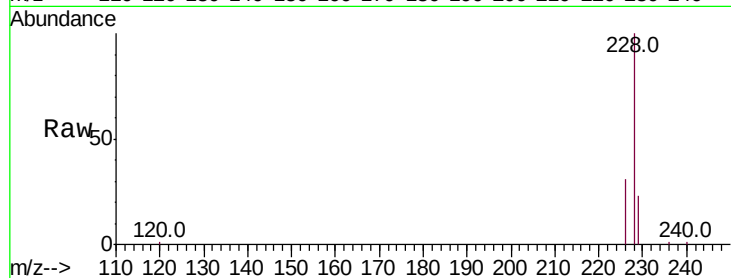
ClientSampleId :

F9F10DL

Tot Ion:	228	Resp:	193859
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.0	36.0
229	22.9	15.7	23.5

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#21

Benzo(b)fluoranthene

Concen: 0.943 ng/ul m

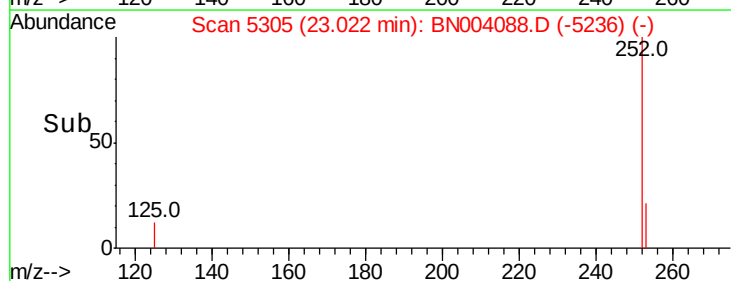
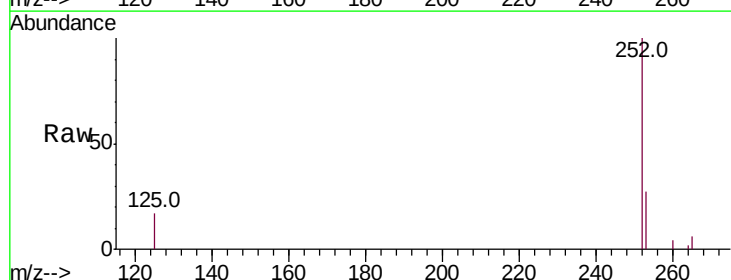
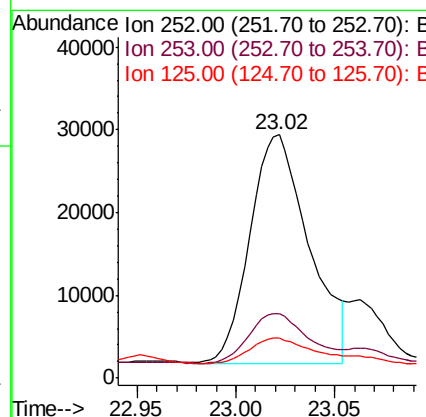
RT: 23.02 min Scan# 5305

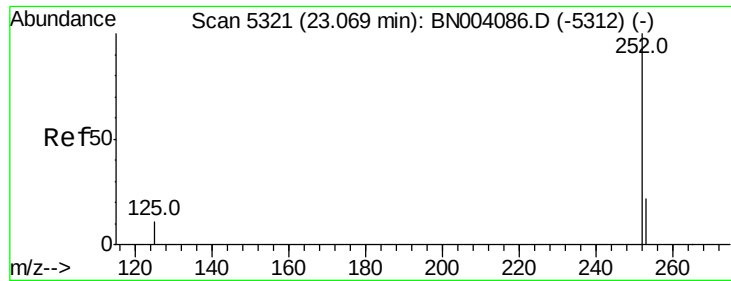
Delta R.T. 0.00 min

Lab File: BN004088.D

Acq: 18 Dec 2018 21:59

Tgt Ion:	252	Resp:	57921
Ion Ratio	Lower	Upper	
252	100		
253	26.6	0.0	46.0
125	16.6	0.0	22.4





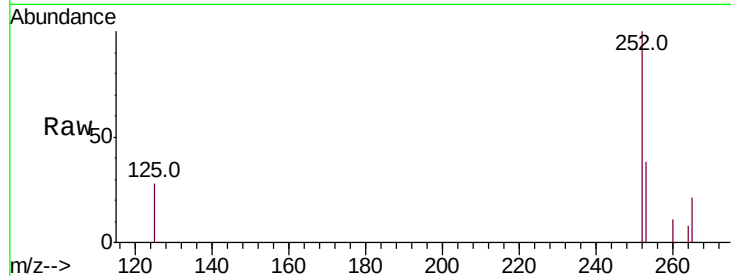
#22
Benzo(k)fluoranthene
Concen: 0.185 ng/ul m
RT: 23.06 min Scan# 5319
Delta R.T. -0.01 min
Lab File: BN004088.D
Acq: 18 Dec 2018 21:59

Instrument :
BNA_N
ClientSampleId :
F9F10DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	38.2	18.5	27.7#
125	27.5	9.0	13.6#

Manual Integrations
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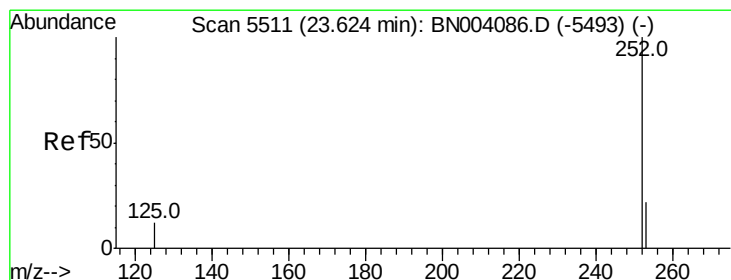
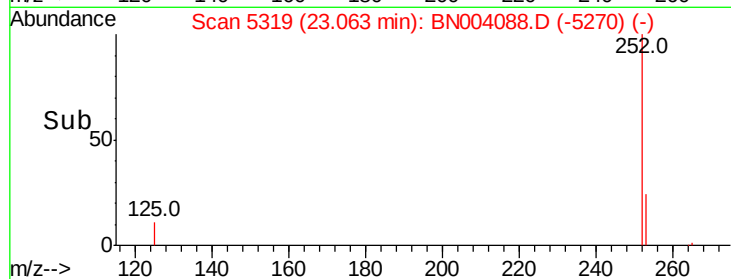
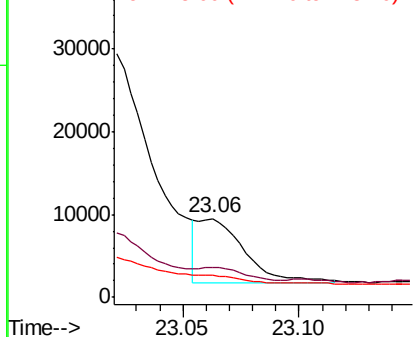


Abundance

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



#23
Benzo(a)pyrene
Concen: 1.225 ng/ul
RT: 23.62 min Scan# 5511
Delta R.T. 0.00 min
Lab File: BN004088.D
Acq: 18 Dec 2018 21:59

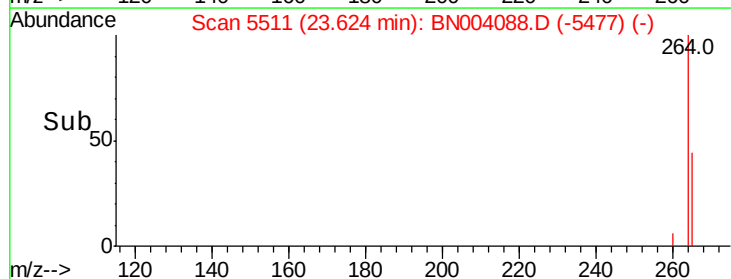
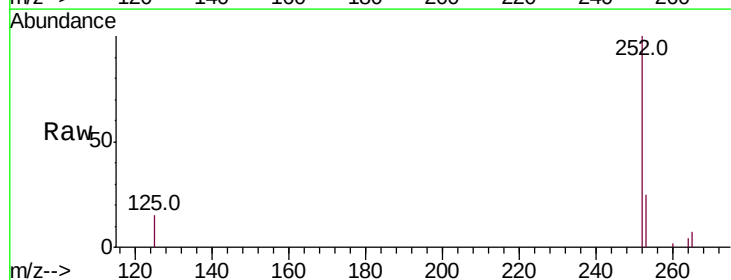
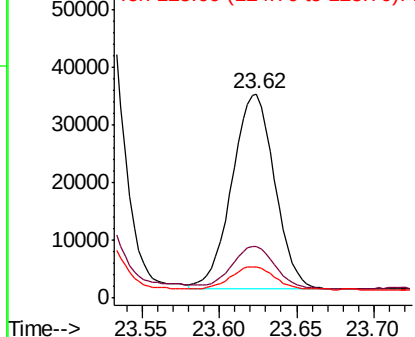
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.0	28.4
125	15.4	10.2	15.4#

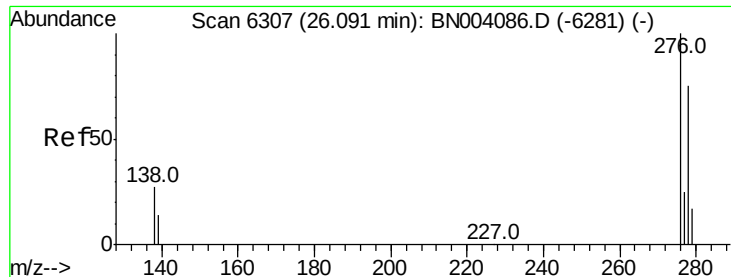
Abundance

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

Indeno(1,2,3-cd)pyrene

Concen: 0.486 ng/ul

RT: 26.08 min Scan# 6304

Delta R.T. -0.01 min

Lab File: BN004088.D

Acq: 18 Dec 2018 21:59

Instrument :

BNA_N

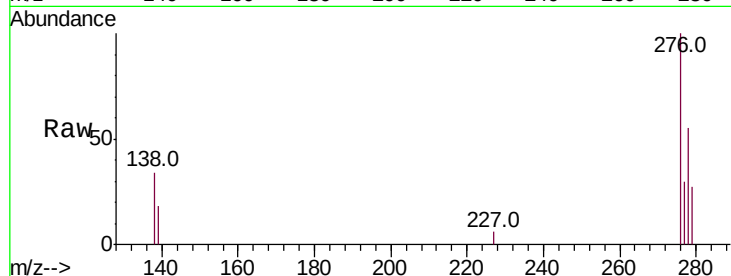
ClientSampleId :

F9F10DL

Tot Ion:	276	Resp:	29667
Ion Ratio	Lower	Upper	
276	100		
138	27.2	20.3	30.5
227	0.2	0.2	0.2

Manual Integrations
APPROVED

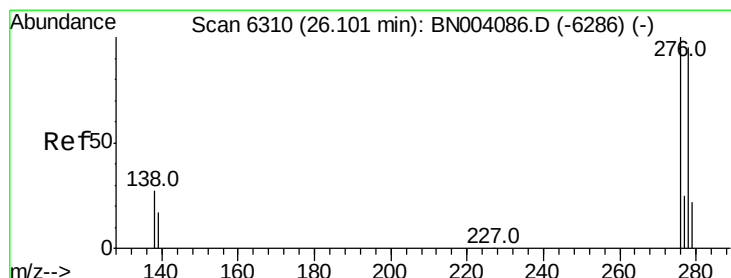
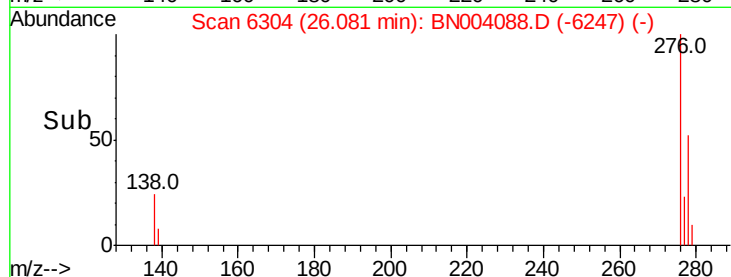
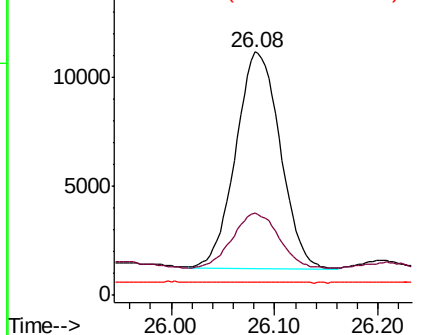
Sohil
12/19/2018 4:16:40 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25

Dibenzo(a,h)anthracene

Concen: 0.410 ng/ul

RT: 26.08 min Scan# 6304

Delta R.T. -0.02 min

Lab File: BN004088.D

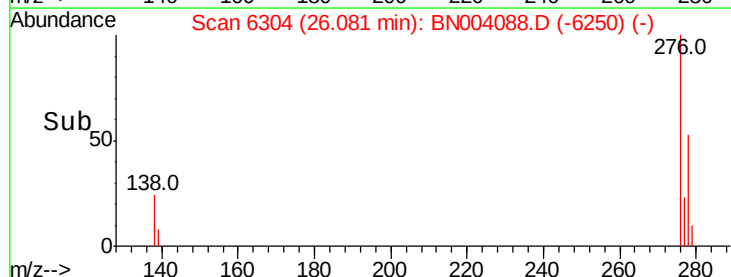
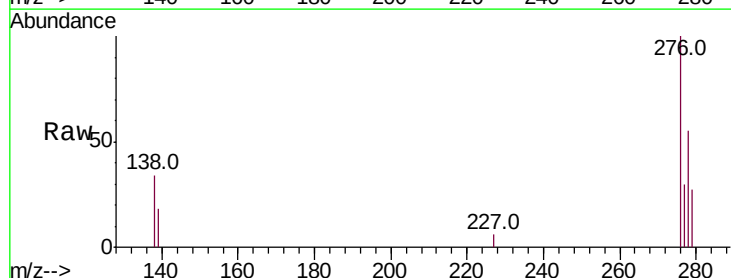
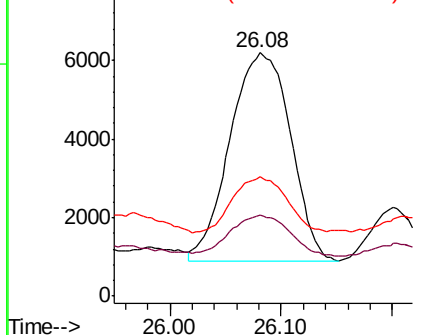
Acq: 18 Dec 2018 21:59

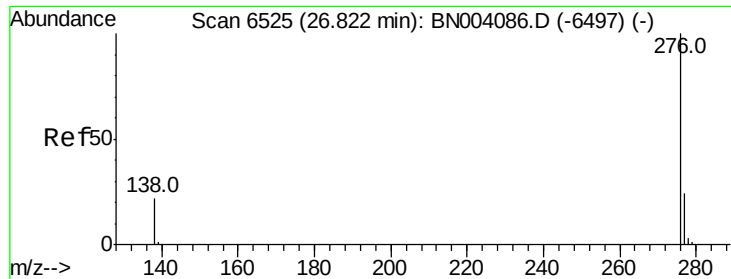
Tgt Ion:	278	Resp:	20110
Ion Ratio	Lower	Upper	
278	100		
139	33.1	14.2	21.4#
279	48.9	19.8	29.6#

Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26
 Benzo(a,h,i)perylene
 Concen: 1.148 ng/ul
 RT: 26.82 min Scan# 6524
 Delta R.T. -0.00 min
 Lab File: BN004088.D
 Acq: 18 Dec 2018 21:59

Instrument :
 BNA_N
 ClientSampleId :
 F9F10DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.0	17.7	26.5#
277	26.9	19.3	28.9

Manual Integrations
 APPROVED

Sohil
 12/19/2018 4:16:40 PM

