

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101919\
 Data File : BN008264.D
 Acq On : 19 Oct 2019 11:41
 Operator : JU
 Sample : K5177-13DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPA2DL

Manual Integrations
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Quant Time: Oct 19 21:25:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 23:47:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1703	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	8196	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	5224	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11567	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	12605	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	12929	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	516	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	1727	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.41	128	1182	0.051	ng/ul#	83
5) 2-Methylnaphthalene	12.03	142	737	0.046	ng/ul	97
7) Acenaphthylene	13.95	152	4354	0.175	ng/ul	96
8) Acenaphthene	14.29	153	1293	0.067	ng/ul	96
9) Fluorene	15.28	166	1624	0.074	ng/ul#	94
12) Phenanthrene	17.02	178	40808	1.205	ng/ul	99
13) Anthracene	17.11	178	7848	0.263	ng/ul	98
15) Fluoranthene	19.04	202	128495	2.873	ng/ul	99
17) Pyrene	19.40	202	137274	2.735	ng/ul	100
18) Benzo(a)anthracene	21.16	228	82538	1.801	ng/ul	97
19) Chrysene	21.21	228	94724	1.684	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	121307m	2.882	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	36105m	0.757	ng/ul	
23) Benzo(a)pyrene	23.26	252	83916	1.895	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.51	276	49433	0.948	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.51	278	12355	0.300	ng/ul	93
26) Benzo(a,h,i)perylene	26.16	276	47342	0.990	ng/ul	99

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

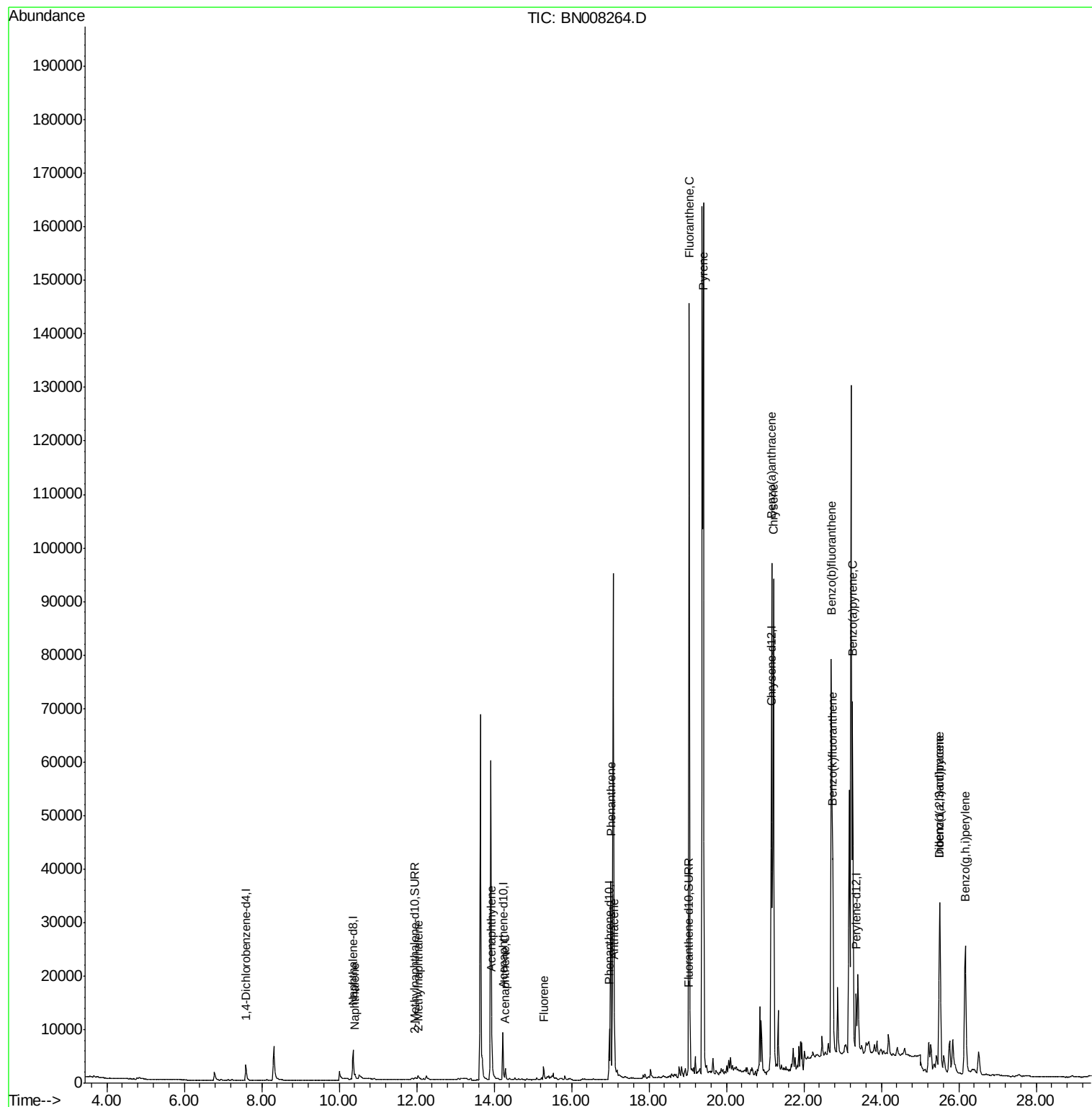
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101919\
Data File : BN008264.D
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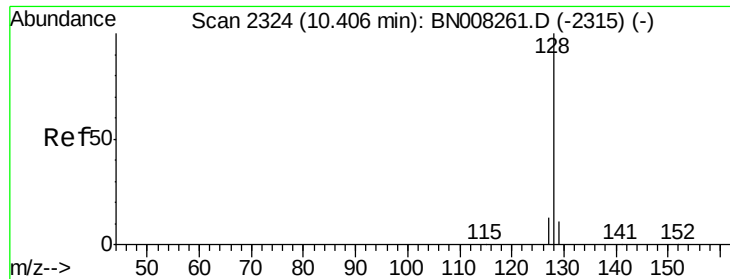
Instrument :
BNA_N
ClientSampleId :
BEP2DL

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Quant Time: Oct 19 21:25:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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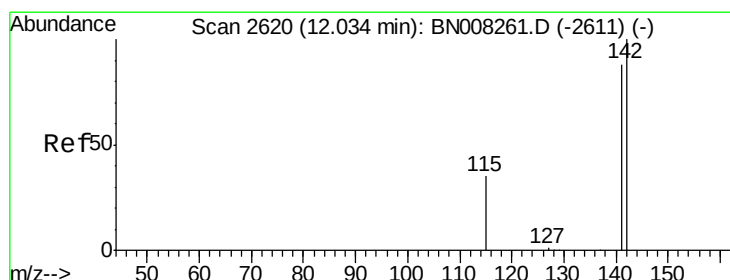
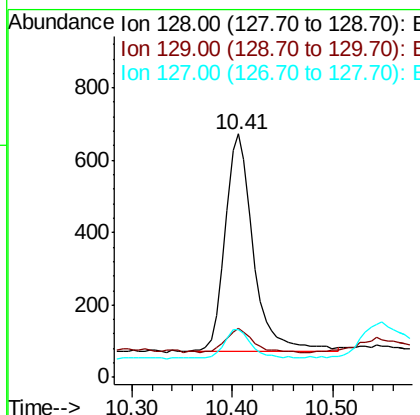
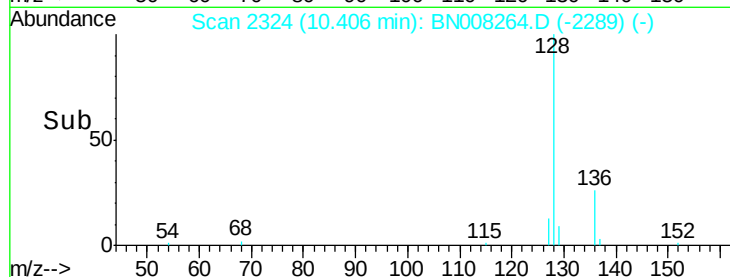
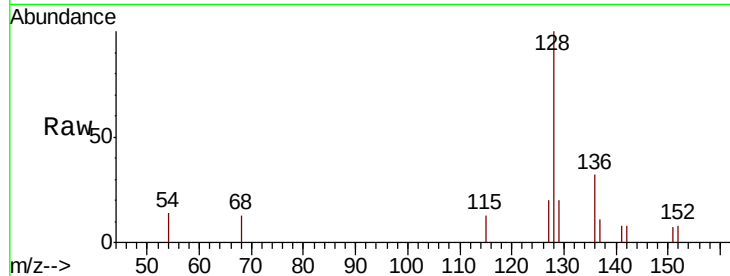
#3
Naphthalene
Concen: 0.051 ng/ul
RT: 10.41 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BN008264.D
Acq: 19 Oct 2019 11:41

Instrument :
BNA_N
ClientSampleId :
BEPA2DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	19.9	9.8	14.8#
127	19.6	11.1	16.7#

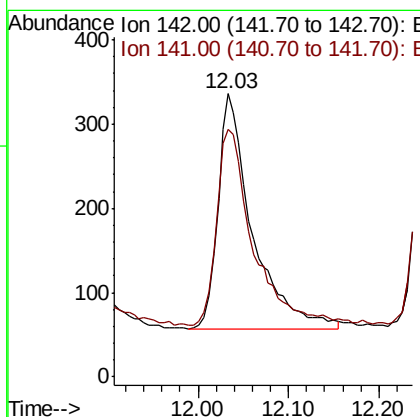
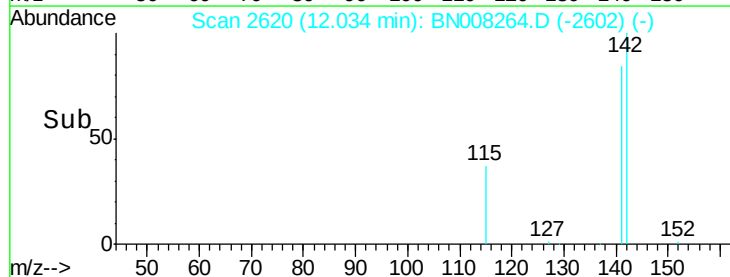
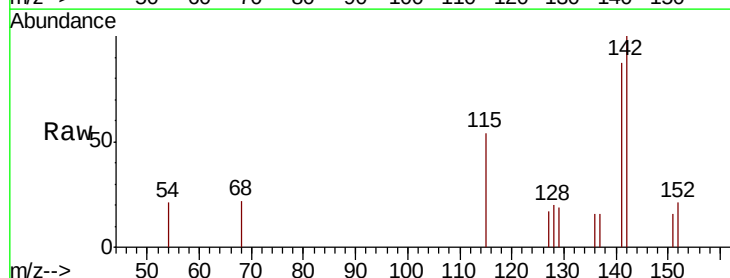
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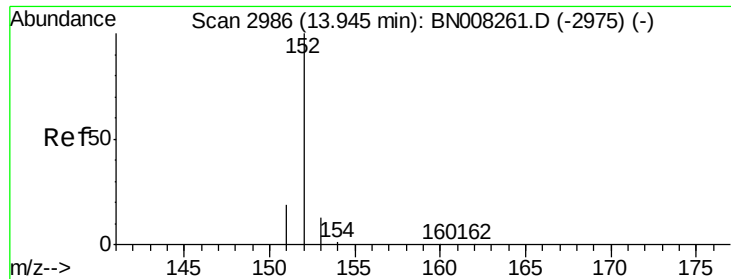
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#5
2-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.03 min Scan# 2620
Delta R.T. 0.00 min
Lab File: BN008264.D
Acq: 19 Oct 2019 11:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.4	71.4	107.2





#7

Acenaphthylene

Concen: 0.175 ng/ul

RT: 13.95 min Scan# 2986

Delta R.T. -0.00 min

Lab File: BN008264.D

Acq: 19 Oct 2019 11:41

Instrument :

BNA_N

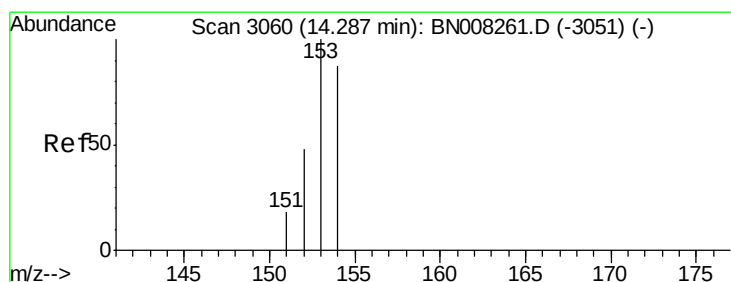
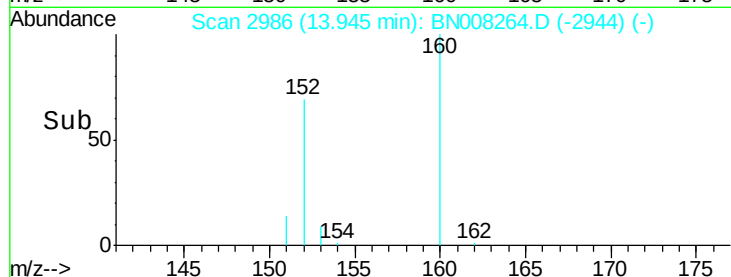
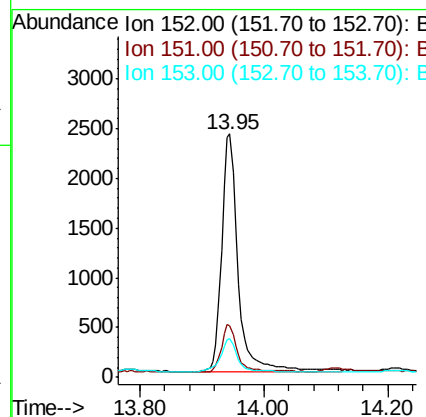
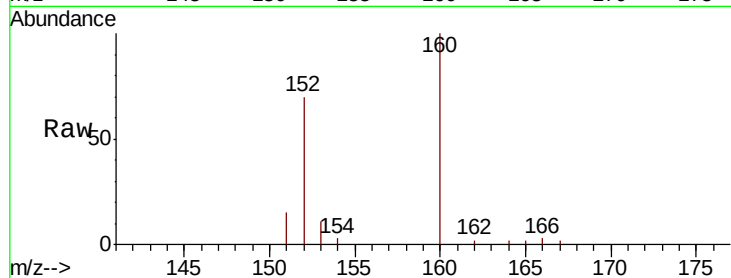
ClientSampleId :

BEPA2DL

Tot Ion:	152	Resp:	4354
Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.2	24.4
153	15.8	11.0	16.4

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#8

Acenaphthene

Concen: 0.067 ng/ul

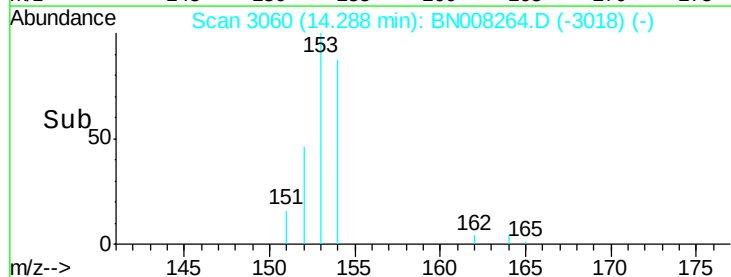
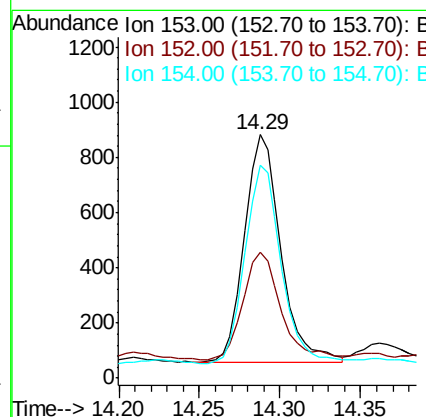
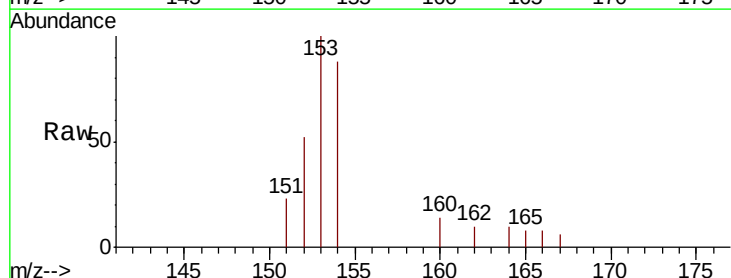
RT: 14.29 min Scan# 3060

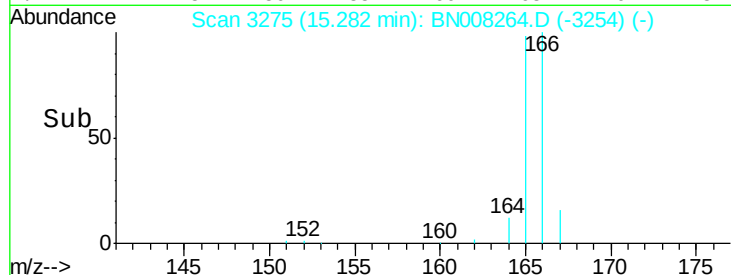
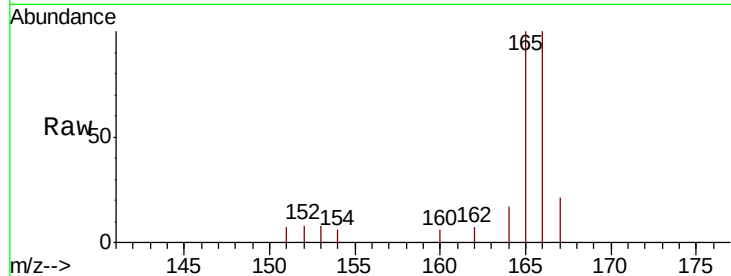
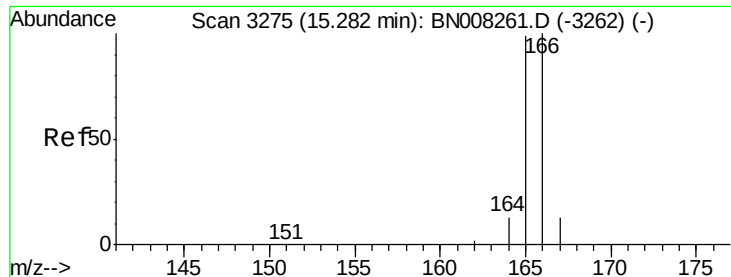
Delta R.T. -0.00 min

Lab File: BN008264.D

Acq: 19 Oct 2019 11:41

Tgt Ion:	153	Resp:	1293
Ion	Ratio	Lower	Upper
153	100		
152	51.7	38.2	57.2
154	87.5	71.8	107.8





#9

Fluorene

Concen: 0.074 ng/ul

RT: 15.28 min Scan# 3275

Delta R.T. -0.00 min

Lab File: BN008264.D

Acq: 19 Oct 2019 11:41

Instrument :

BNA_N

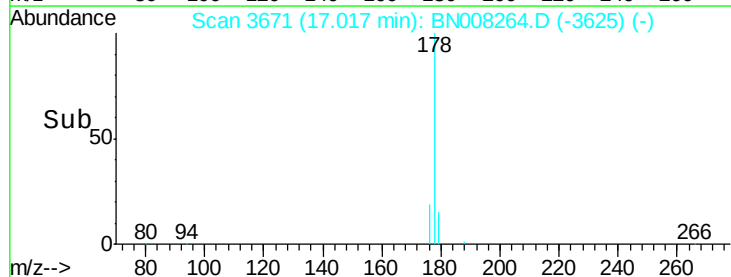
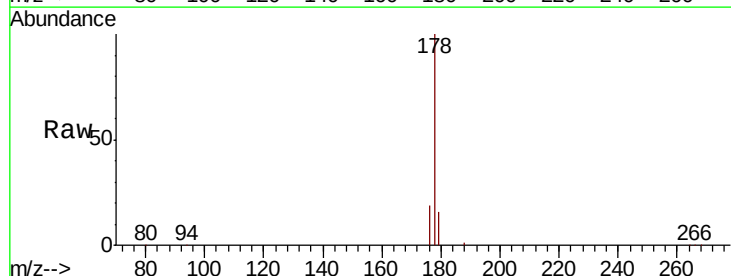
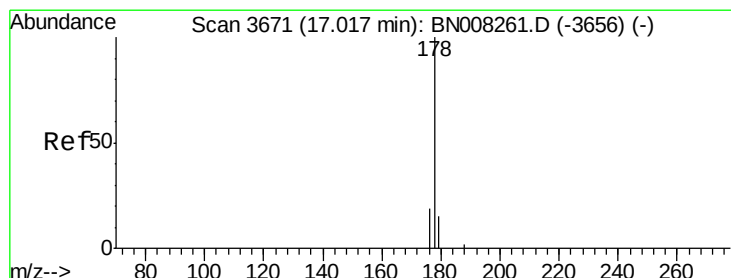
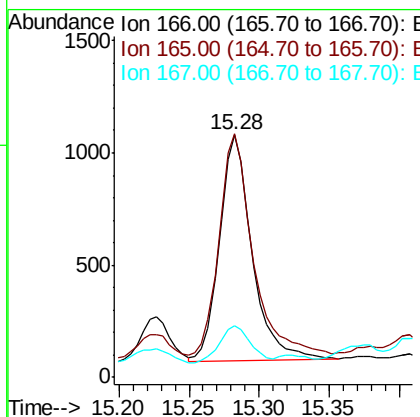
ClientSampled :

BEPA2DL

Tot Ion:	166	Resp:	1624
Ion Ratio	Lower	Upper	
166	100		
165	100.5	76.6	115.0
167	21.4	11.7	17.5#

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#12

Phenanthrene

Concen: 1.205 ng/ul

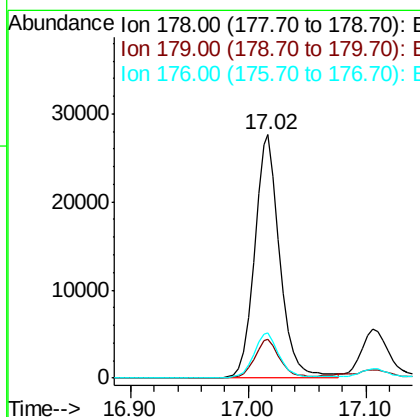
RT: 17.02 min Scan# 3671

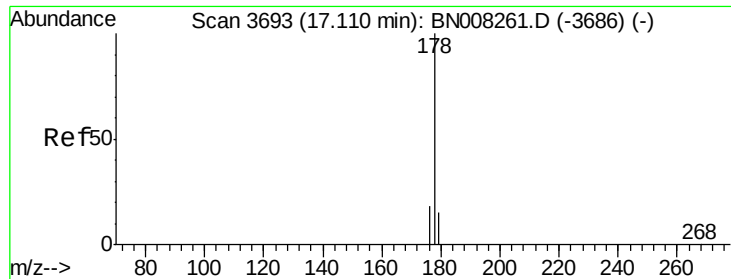
Delta R.T. -0.00 min

Lab File: BN008264.D

Acq: 19 Oct 2019 11:41

Tgt Ion:	178	Resp:	40808
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.8	19.2
176	18.8	15.4	23.2





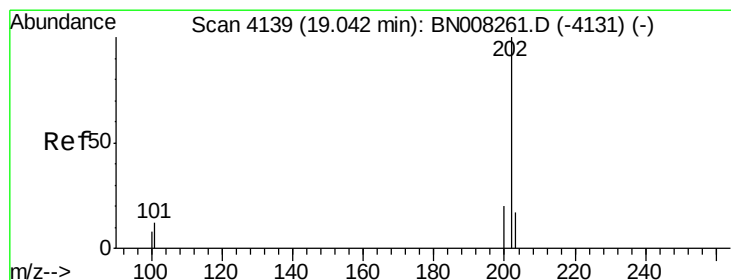
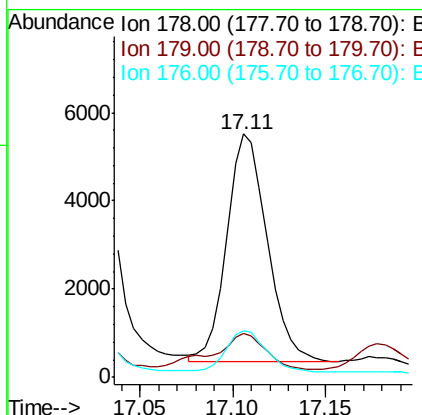
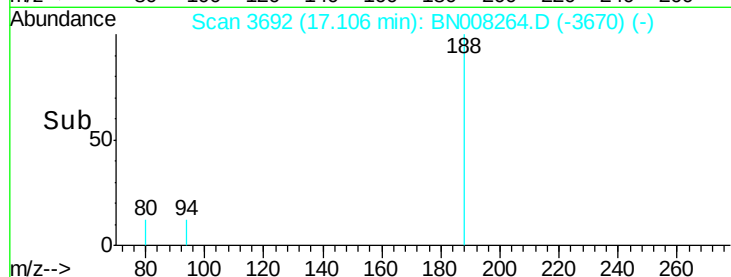
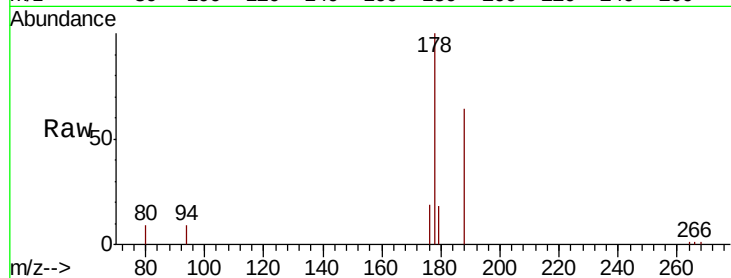
#13
 Anthracene
 Concen: 0.263 ng/ul
 RT: 17.11 min Scan# 3692
 Delta R.T. -0.01 min
 Lab File: BN008264.D
 Acq: 19 Oct 2019 11:41

Instrument :
 BNA_N
 ClientSampleId :
 BEPA2DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.0	13.0	19.6
176	19.3	15.0	22.6

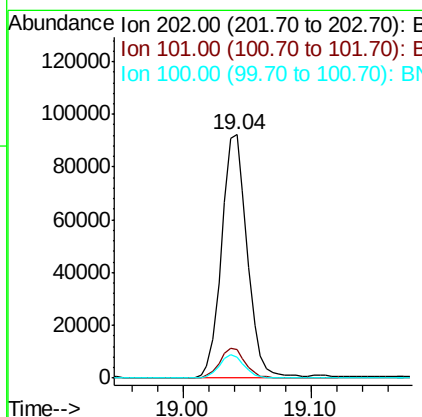
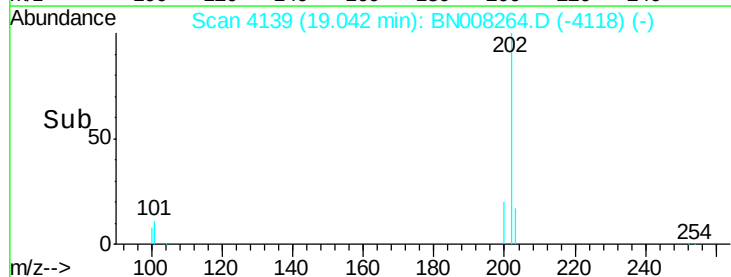
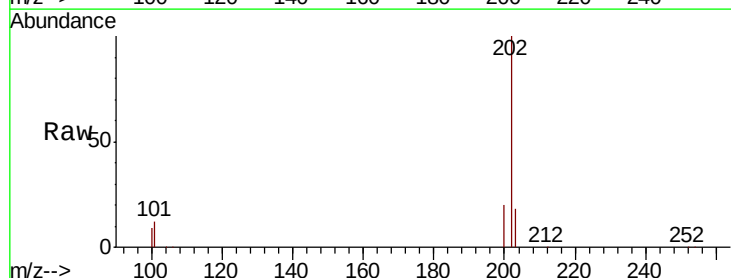
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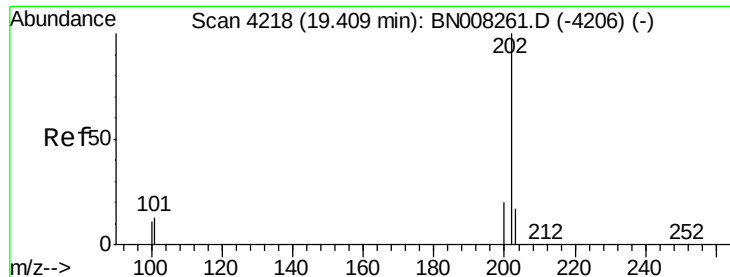
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#15
 Fluoranthene
 Concen: 2.873 ng/ul
 RT: 19.04 min Scan# 4139
 Delta R.T. -0.00 min
 Lab File: BN008264.D
 Acq: 19 Oct 2019 11:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.2
100	8.6	0.0	28.5





#17

Pvrene

Concen: 2.735 ng/ul

RT: 19.40 min Scan# 4217

Delta R.T. -0.00 min

Lab File: BN008264.D

Acq: 19 Oct 2019 11:41

Instrument :

BNA_N

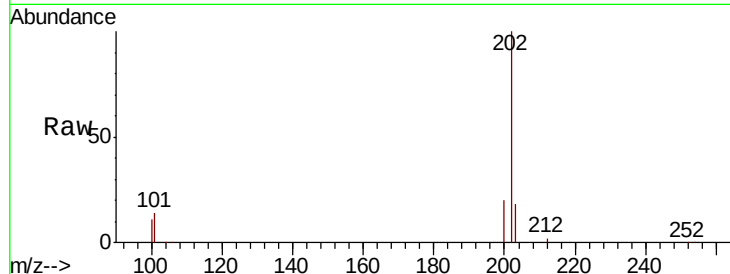
ClientSampled :

BEPA2DL

Tot Ion:	202	Resp:	137274
Ion Ratio	Lower	Upper	
202	100		
101	13.7	10.9	16.3
100	11.1	8.7	13.1

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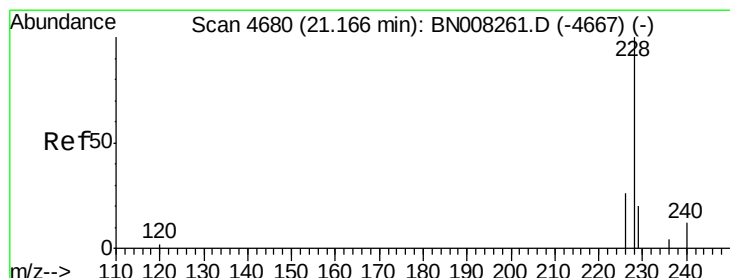
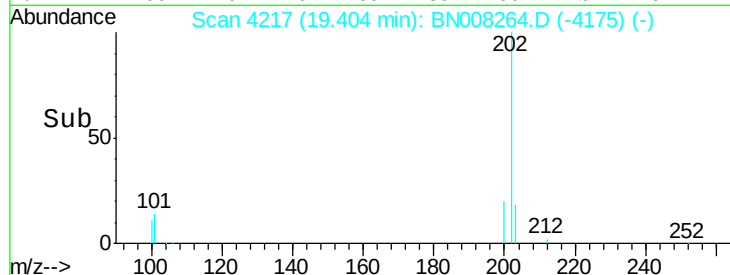
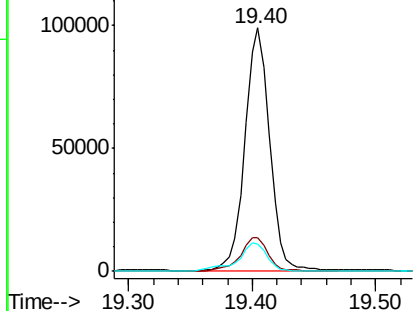
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 1.801 ng/ul

RT: 21.16 min Scan# 4679

Delta R.T. -0.01 min

Lab File: BN008264.D

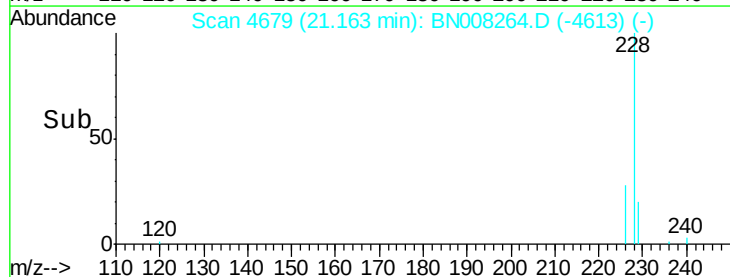
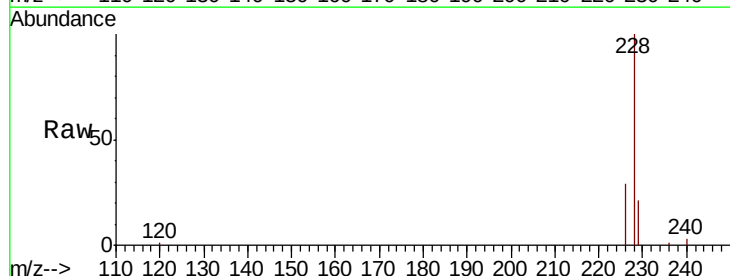
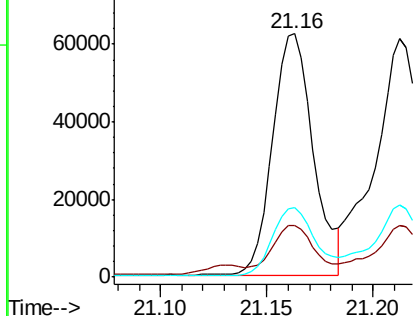
Acq: 19 Oct 2019 11:41

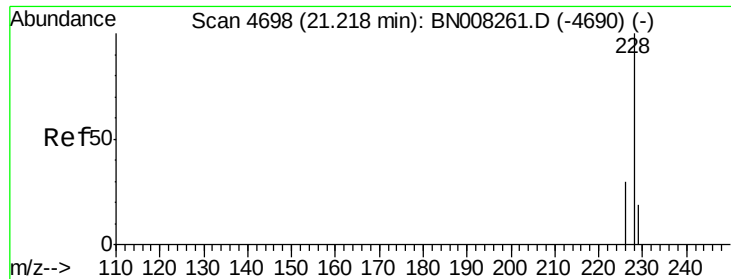
Tgt Ion:	228	Resp:	82538
Ion Ratio	Lower	Upper	
228	100		
229	21.1	16.2	24.2
226	28.5	21.4	32.0

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: 1.684 ng/ul

RT: 21.21 min Scan# 4696

Delta R.T. -0.01 min

Lab File: BN008264.D

Acq: 19 Oct 2019 11:41

Instrument :

BNA_N

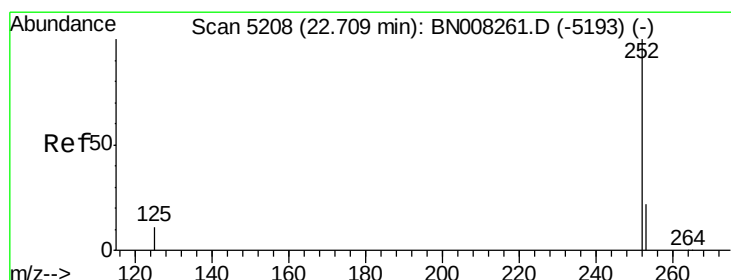
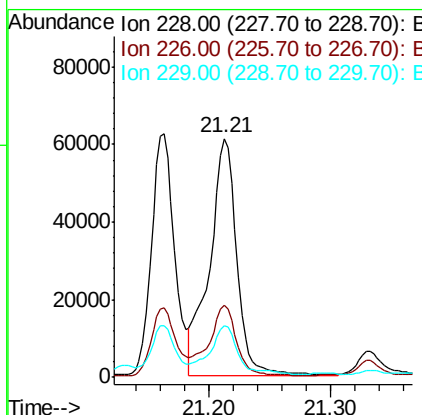
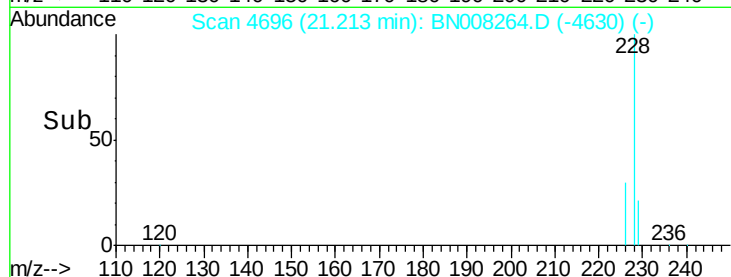
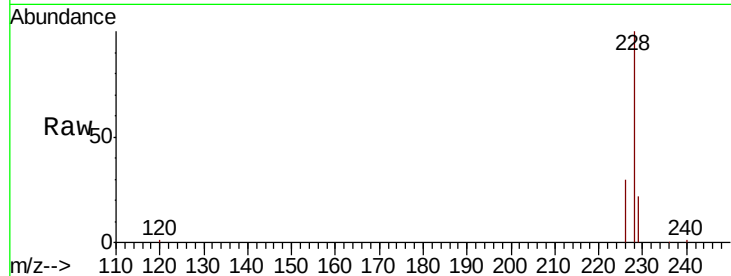
ClientSampleId :

BEPA2DL

Tot Ion:	228	Resp:	94724
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	21.5	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 2.882 ng/ul m

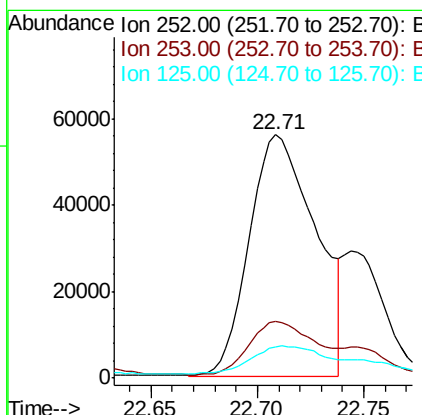
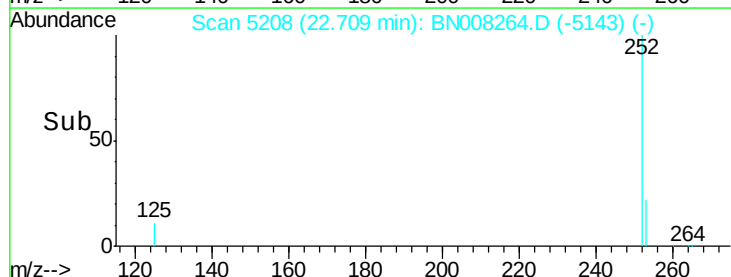
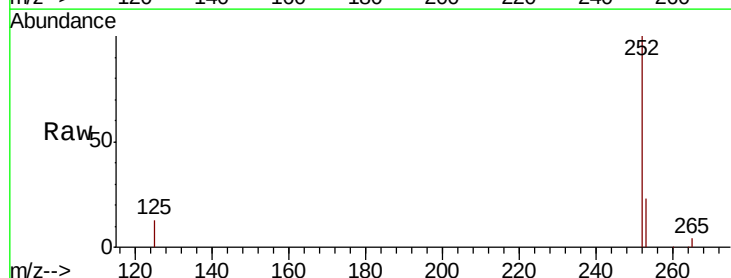
RT: 22.71 min Scan# 5208

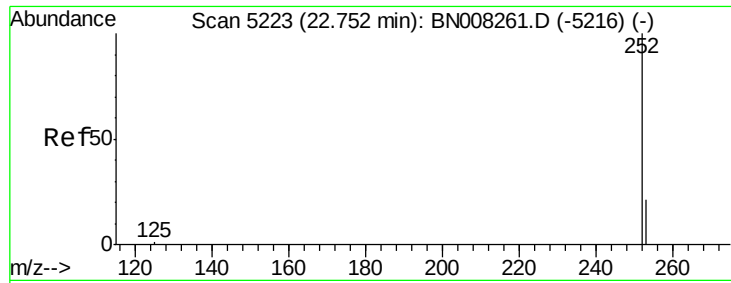
Delta R.T. -0.01 min

Lab File: BN008264.D

Acq: 19 Oct 2019 11:41

Tgt Ion:	252	Resp:	121307
Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	53.4
125	12.7	0.0	32.4





#22

Benzo(k)fluoranthene

Concen: 0.757 ng/ul m

RT: 22.74 min Scan# 5220

Delta R.T. -0.02 min

Lab File: BN008264.D

Acq: 19 Oct 2019 11:41

Instrument :

BNA_N

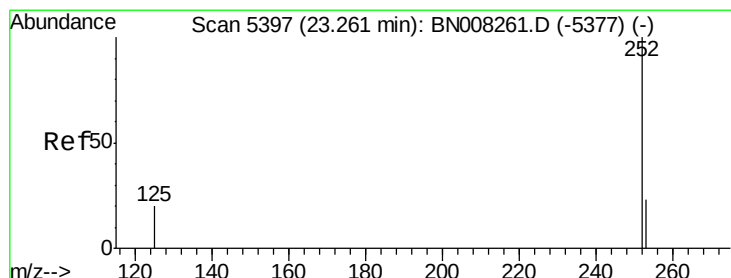
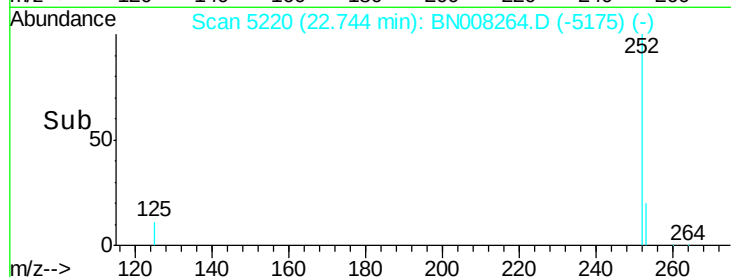
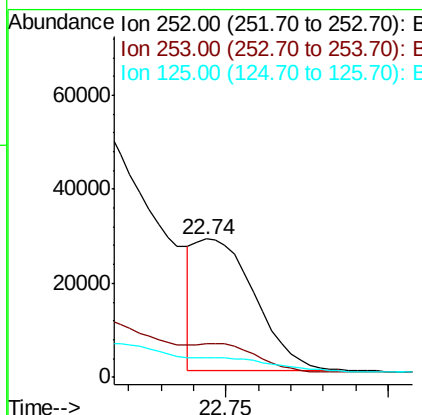
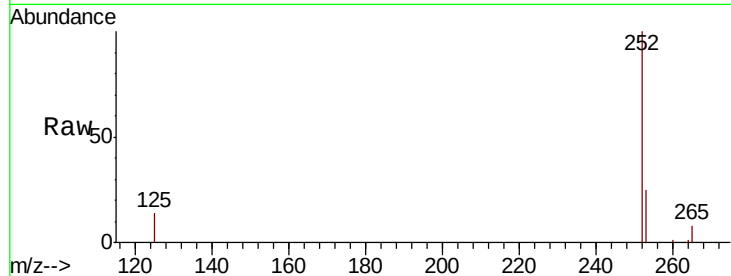
ClientSampleId :

BEPA2DL

Tot Ion:	252	Resp:	36105
Ion Ratio	Lower	Upper	
252	100		
253	24.6	21.3	31.9
125	14.1	12.3	18.5

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#23

Benzo(a)pyrene

Concen: 1.895 ng/ul

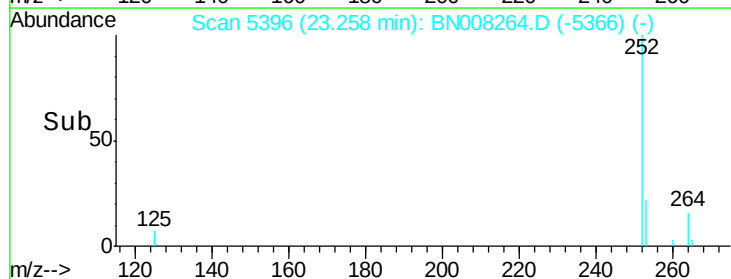
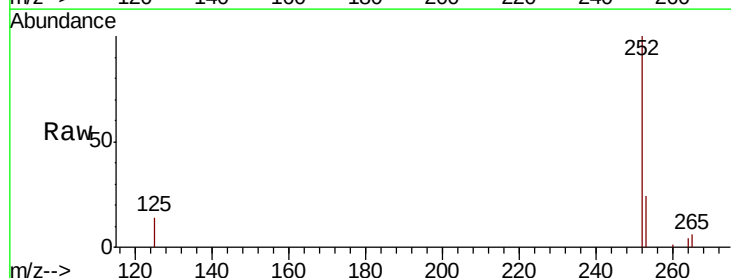
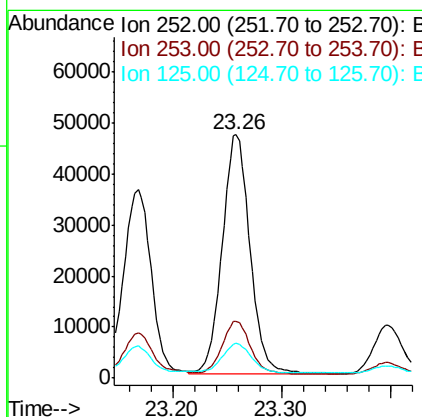
RT: 23.26 min Scan# 5396

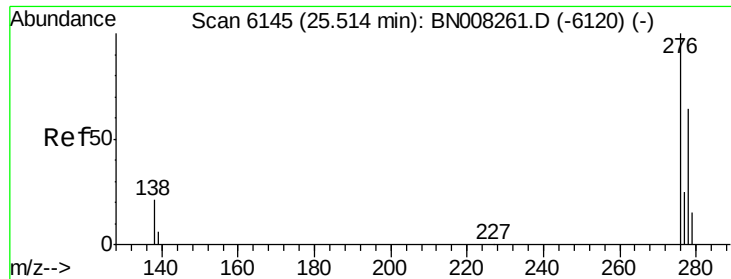
Delta R.T. -0.01 min

Lab File: BN008264.D

Acq: 19 Oct 2019 11:41

Tgt Ion:	252	Resp:	83916
Ion Ratio	Lower	Upper	
252	100		
253	23.6	22.8	34.2
125	14.1	18.4	27.6#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.948 ng/ul

RT: 25.51 min Scan# 6143

Delta R.T. -0.02 min

Lab File: BN008264.D

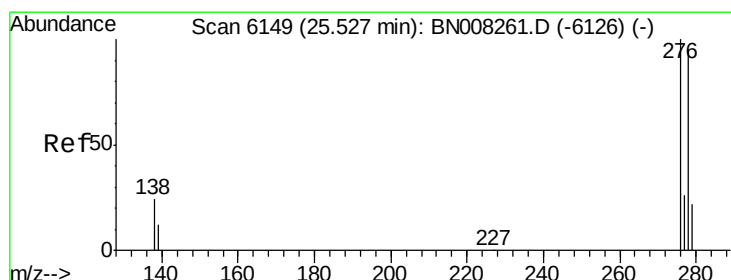
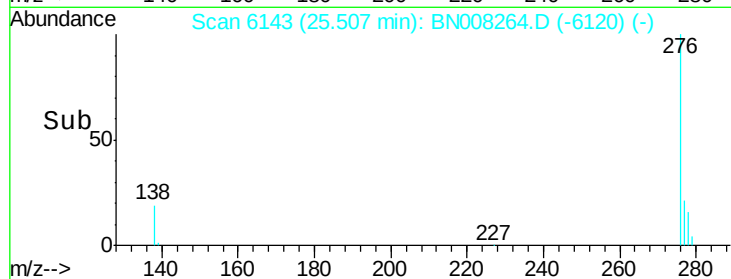
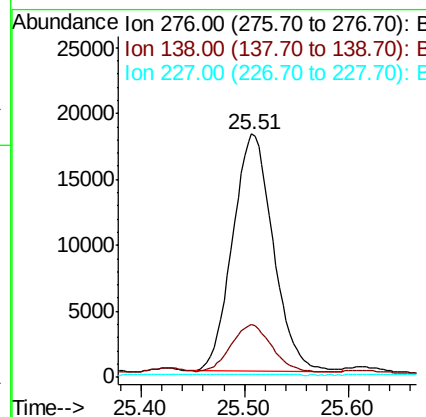
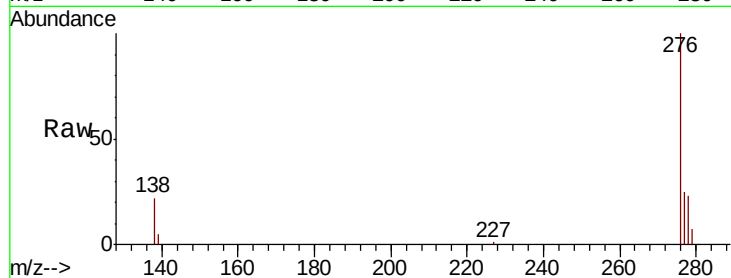
Acq: 19 Oct 2019 11:41

Instrument :
BNA_N
ClientSampleId :
BEP2DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.1	24.1
227	0.0	0.2	0.2

Manual Integrations
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#25

Dibenzo(a,h)anthracene

Concen: 0.300 ng/ul

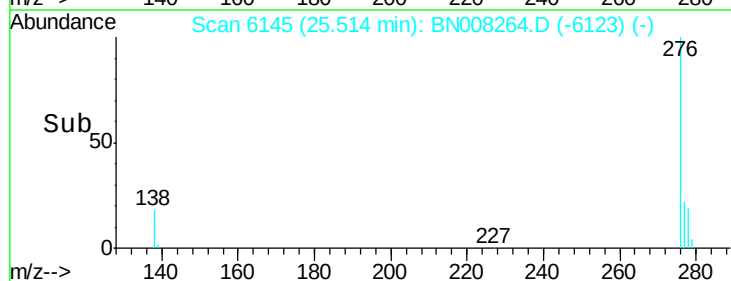
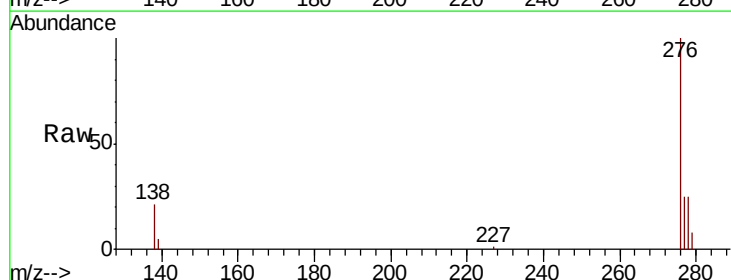
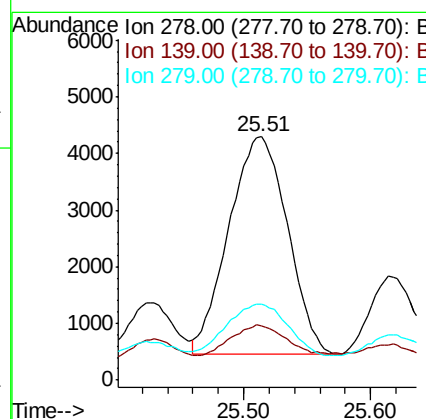
RT: 25.51 min Scan# 6145

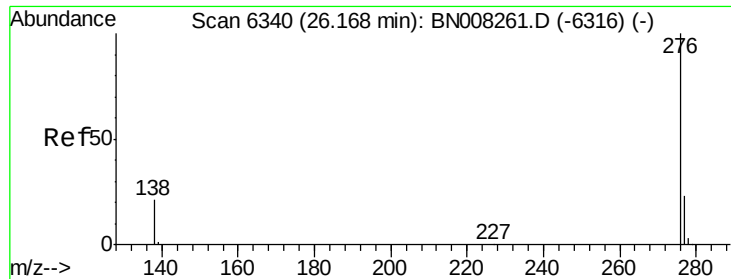
Delta R.T. -0.03 min

Lab File: BN008264.D

Acq: 19 Oct 2019 11:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.2	15.0	22.6
279	31.3	22.4	33.6





#26
 Benzo(a,h,i)perylene
 Concen: 0.990 ng/ul
 RT: 26.16 min Scan# 6339
 Delta R.T. -0.02 min
 Lab File: BN008264.D
 Acq: 19 Oct 2019 11:41

Instrument :
 BNA_N
 ClientSampleId :
 BEPA2DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	17.0	25.4
277	24.6	20.4	30.6

Manual Integrations
 APPROVED

mohammad
 10/20/2019 8:03:29 PM

