

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008311.D
 Acq On : 22 Oct 2019 12:27
 Operator : JU
 Sample : K5199-09DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP76DL

Manual Integrations
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Quant Time: Oct 22 13:48:34 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 : Tue Oct 22 13:04:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2051	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9916	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	6192	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	13437	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	11747	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	10942	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	962	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	2931	0.06	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.39	128	4965	0.176	ng/ul	98
5) 2-Methylnaphthalene	12.02	142	2383	0.123	ng/ul	99
7) Acenaphthylene	13.94	152	11102	0.376	ng/ul	99
8) Acenaphthene	14.28	153	6430	0.280	ng/ul	98
9) Fluorene	15.28	166	8507	0.327	ng/ul	98
12) Phenanthrene	17.01	178	195299	4.964	ng/ul	99
13) Anthracene	17.10	178	35550	1.027	ng/ul	99
15) Fluoranthene	19.04	202	479781	9.234	ng/ul	99
17) Pyrene	19.40	202	469535	10.039	ng/ul	97
18) Benzo(a)anthracene	21.16	228	251784	5.895	ng/ul	98
19) Chrysene	21.21	228	282443	5.389	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	319293m	8.964	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	99923m	2.476	ng/ul	
23) Benzo(a)pyrene	23.26	252	208761	5.569	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.50	276	123903	2.807	ng/ul	98
25) Dibenzo(a,h)anthracene	25.51	278	32406	0.929	ng/ul	99
26) Benzo(a,h,i)perylene	26.16	276	123615	3.054	ng/ul	98

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

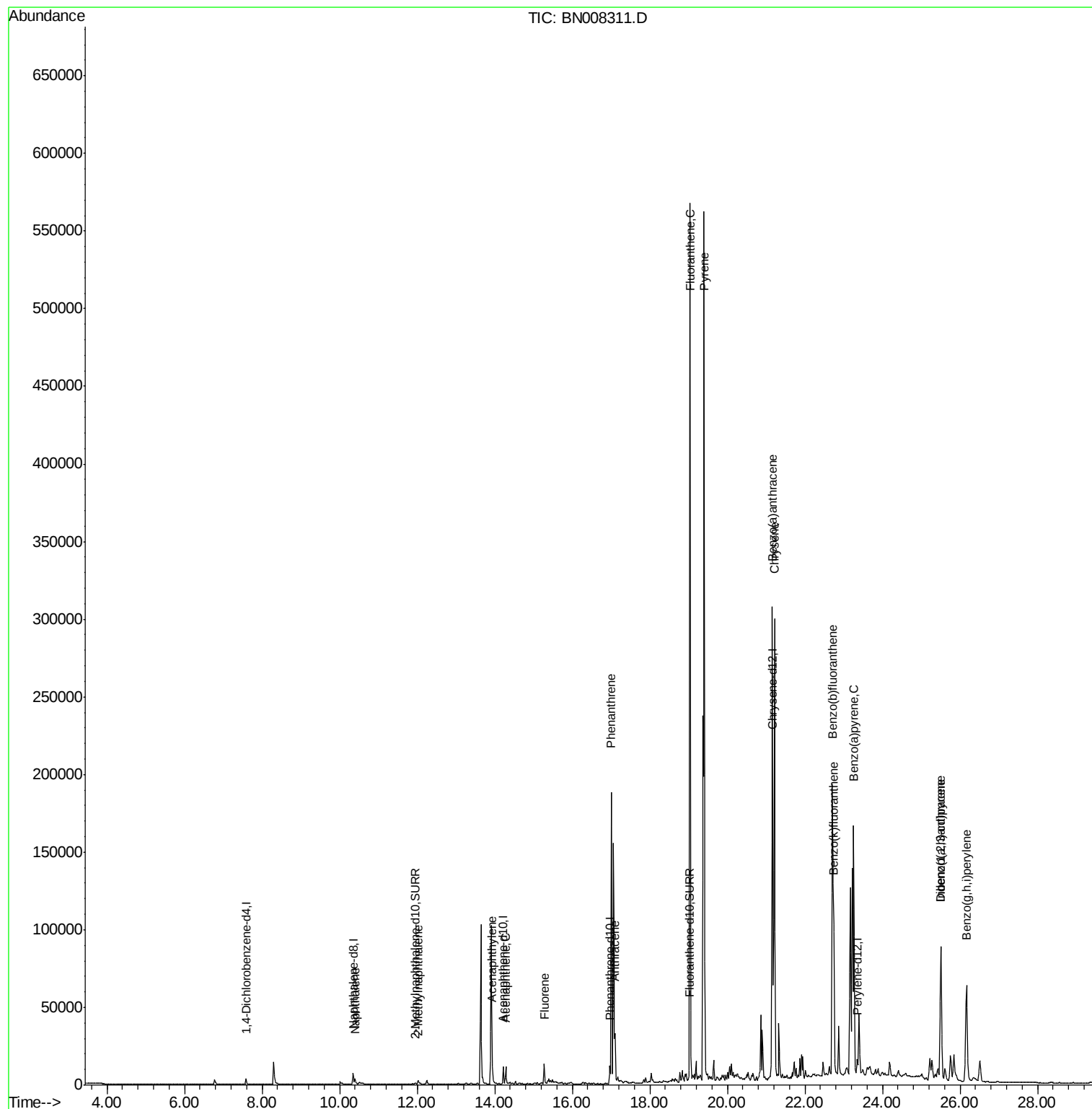
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
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ALS Vial : 7 Sample Multiplier: 1

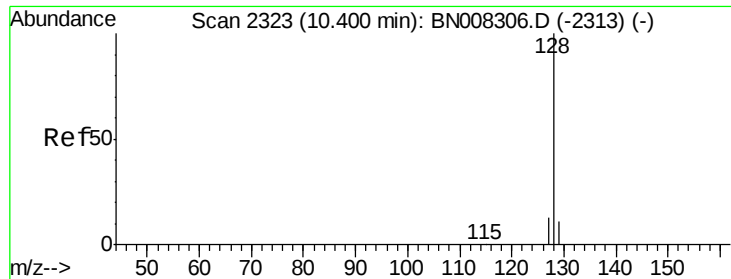
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Quant Time: Oct 22 13:48:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 22 13:04:25 2019
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#3

Naphthalene

Concen: 0.176 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BN008311.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_N

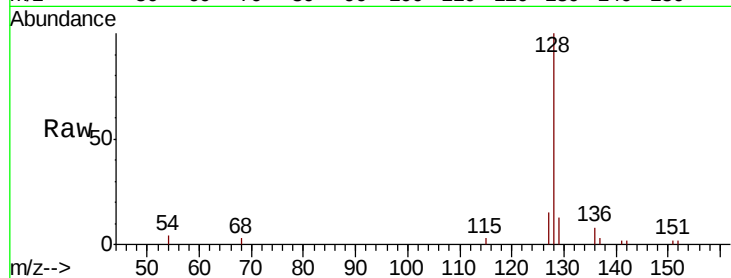
ClientSampleId :

BEP76DL

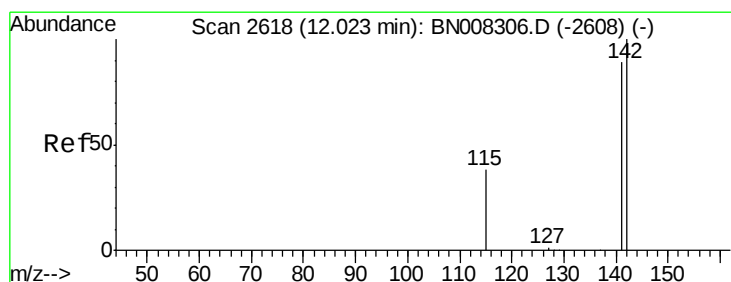
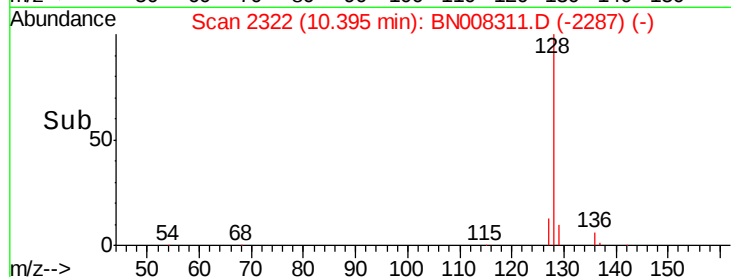
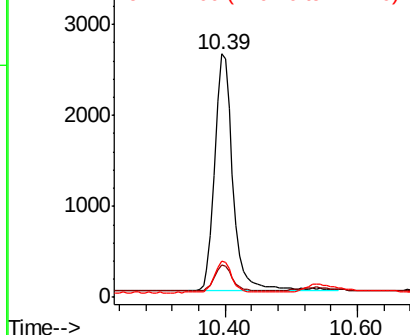
Tot Ion:	128	Resp:	4965
Ion Ratio	Lower	Upper	
128	100		
129	13.3	9.8	14.8
127	14.6	11.1	16.7

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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: 0.123 ng/ul

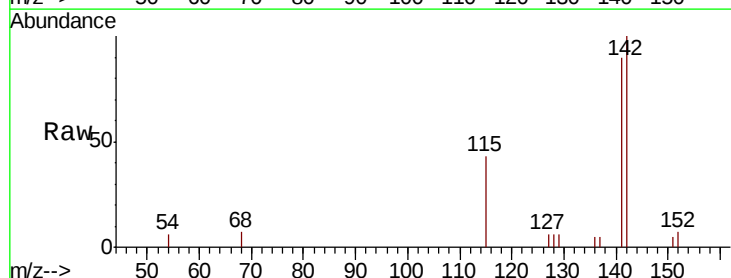
RT: 12.02 min Scan# 2618

Delta R.T. -0.01 min

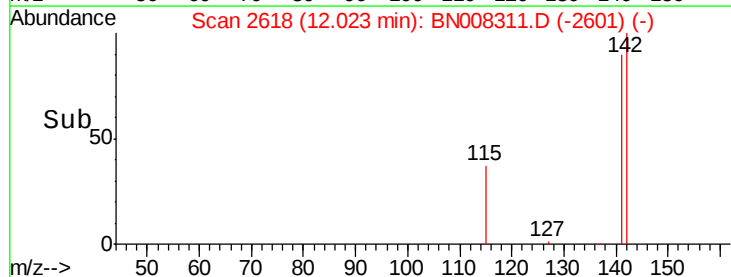
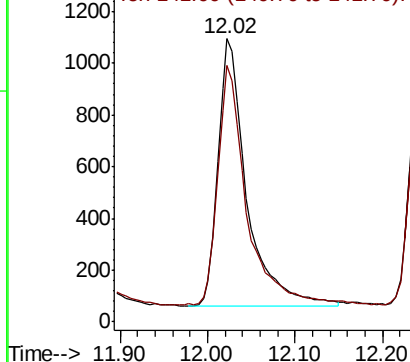
Lab File: BN008311.D

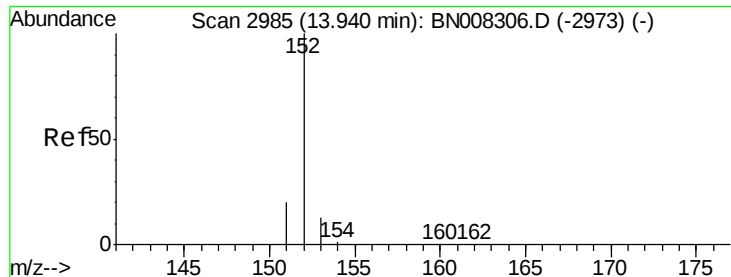
Acq: 22 Oct 2019 12:27

Tgt Ion:	142	Resp:	2383
Ion Ratio	Lower	Upper	
142	100		
141	88.2	71.4	107.2



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





#7

Acenaphthylene

Concen: 0.376 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN008311.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_N

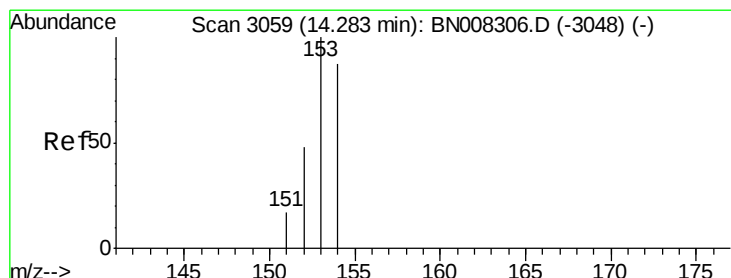
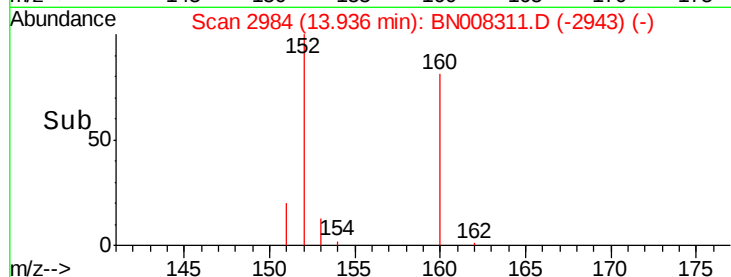
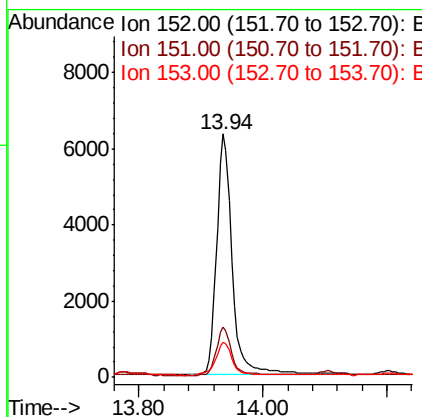
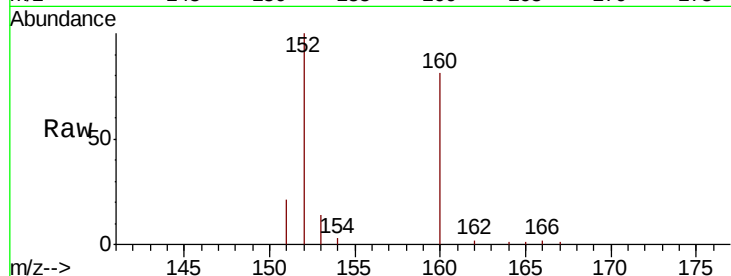
ClientSampleId :

BEP76DL

Tot Ion:	152	Resp:	11102
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.2	24.4
153	14.4	11.0	16.4

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#8

Acenaphthene

Concen: 0.280 ng/ul

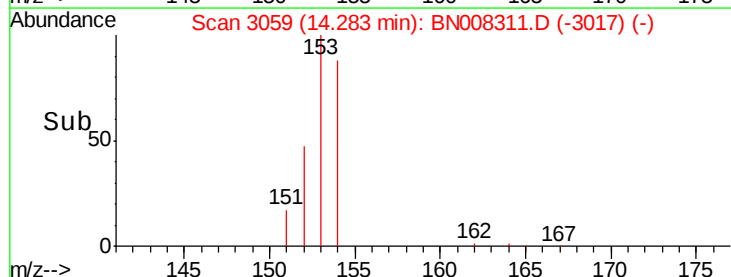
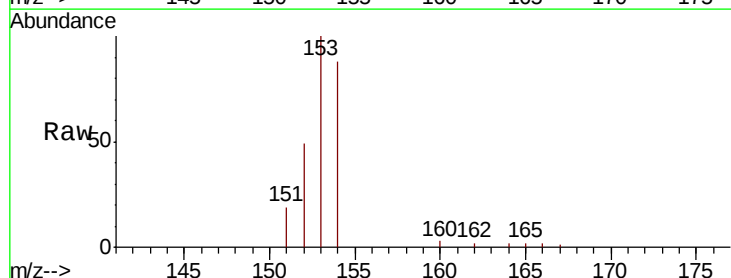
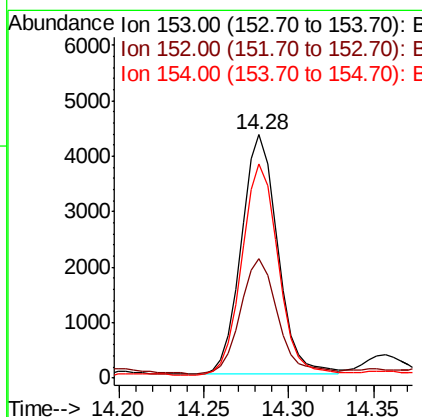
RT: 14.28 min Scan# 3059

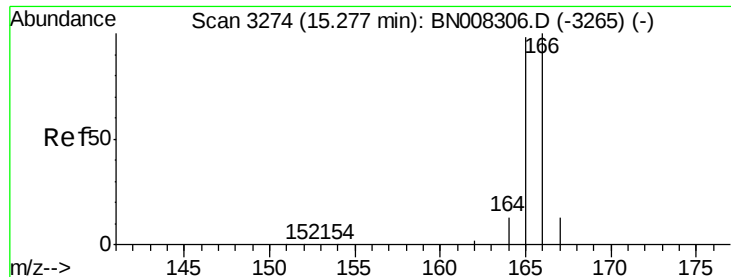
Delta R.T. -0.00 min

Lab File: BN008311.D

Acq: 22 Oct 2019 12:27

Tgt Ion:	153	Resp:	6430
Ion Ratio	Lower	Upper	
153	100		
152	48.9	38.2	57.2
154	87.9	71.8	107.8





#9

Fluorene

Concen: 0.327 ng/ul

RT: 15.28 min Scan# 3274

Delta R.T. -0.00 min

Lab File: BN008311.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_N

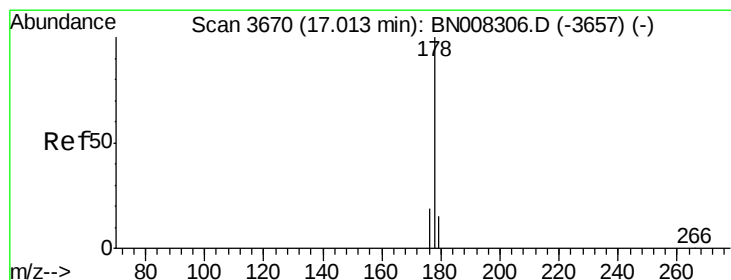
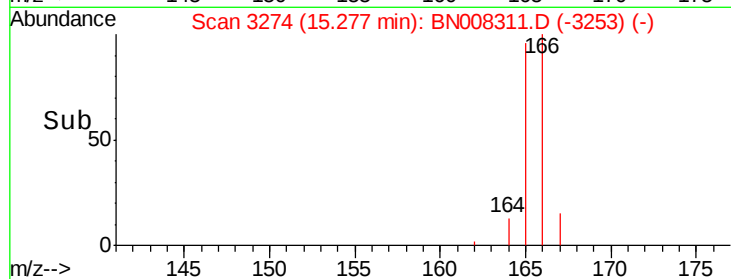
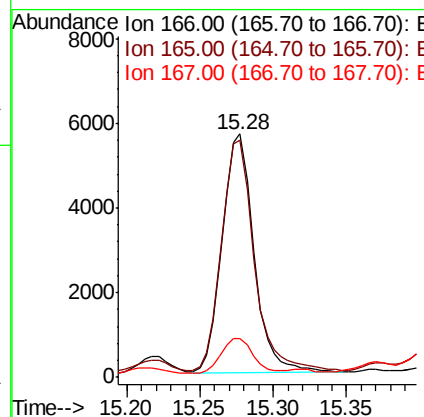
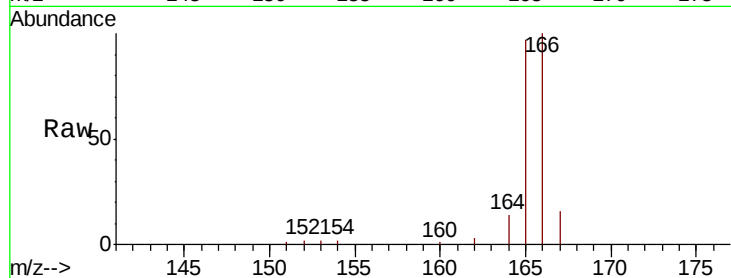
ClientSampleId :

BEP76DL

Tot Ion:	166	Resp:	8507
Ion Ratio	Lower	Upper	
166	100		
165	97.2	76.6	115.0
167	16.2	11.7	17.5

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#12

Phenanthrene

Concen: 4.964 ng/ul

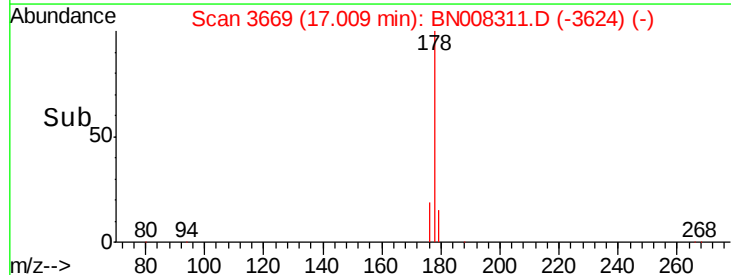
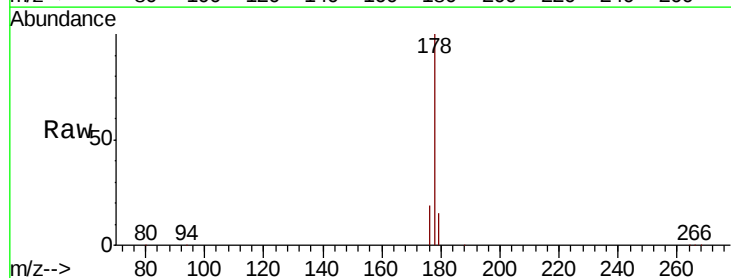
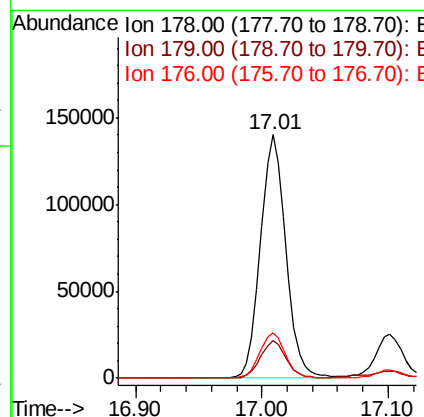
RT: 17.01 min Scan# 3669

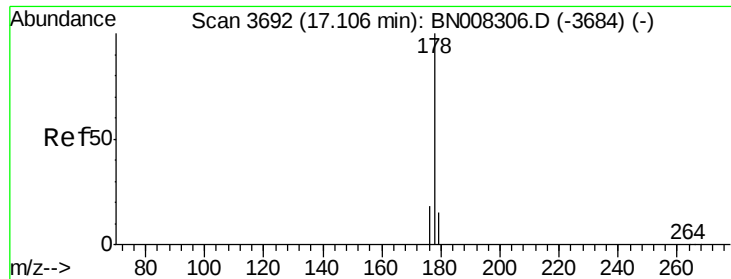
Delta R.T. -0.01 min

Lab File: BN008311.D

Acq: 22 Oct 2019 12:27

Tgt Ion:	178	Resp:	195299
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.8	19.2
176	18.6	15.4	23.2





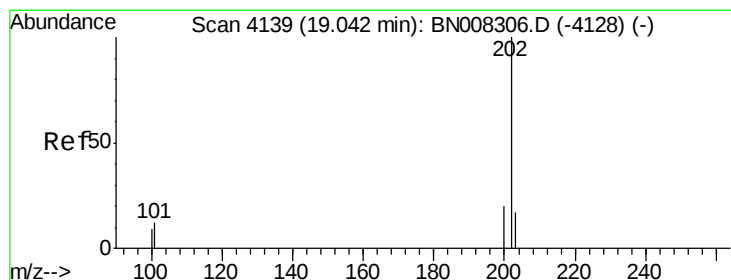
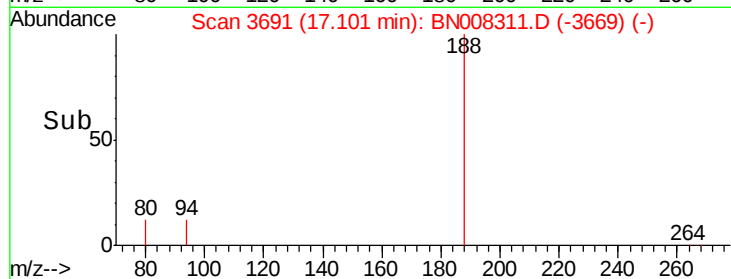
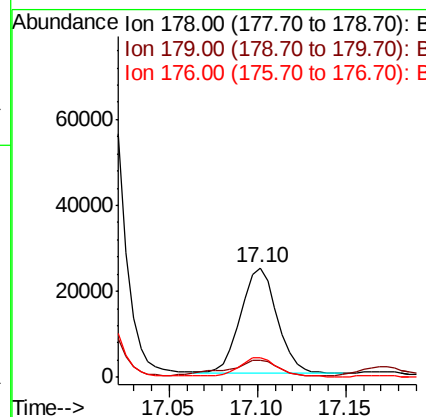
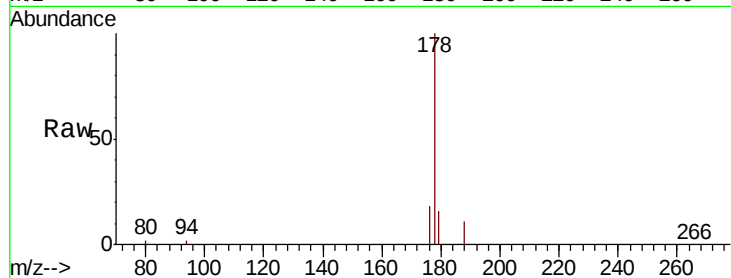
#13
 Anthracene
 Concen: 1.027 ng/ul
 RT: 17.10 min Scan# 3691
 Delta R.T. -0.01 min
 Lab File: BN008311.D
 Acq: 22 Oct 2019 12:27

Instrument :
 BNA_N
 ClientSampleId :
 BEP76DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.0	19.6
176	18.4	15.0	22.6

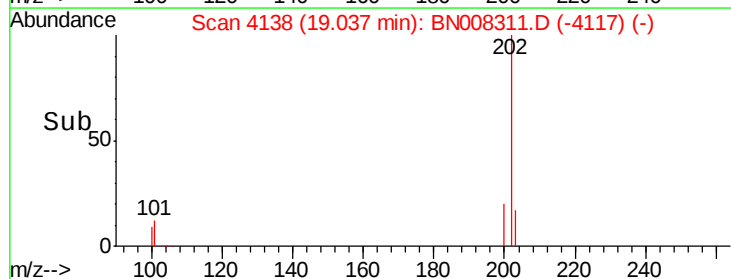
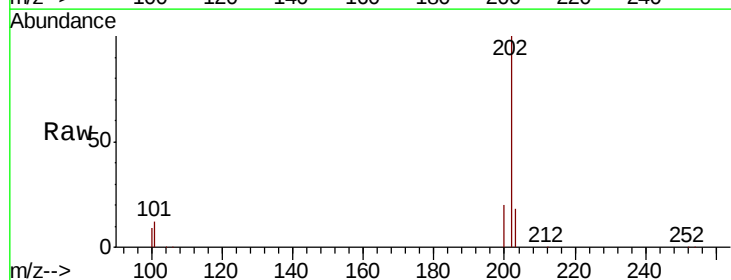
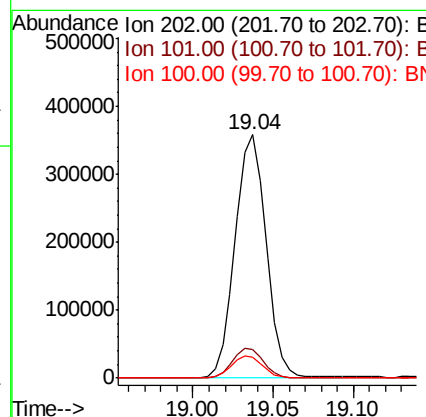
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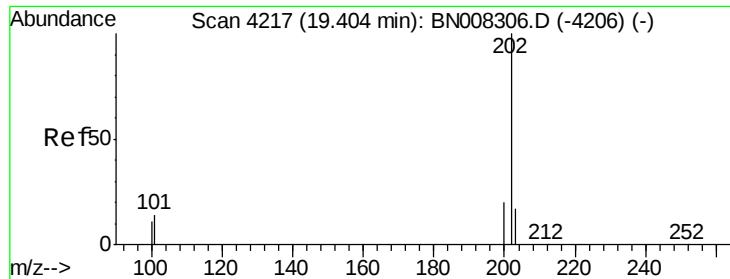
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#15
 Fluoranthene
 Concen: 9.234 ng/ul
 RT: 19.04 min Scan# 4138
 Delta R.T. -0.00 min
 Lab File: BN008311.D
 Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.2
100	8.8	0.0	28.5





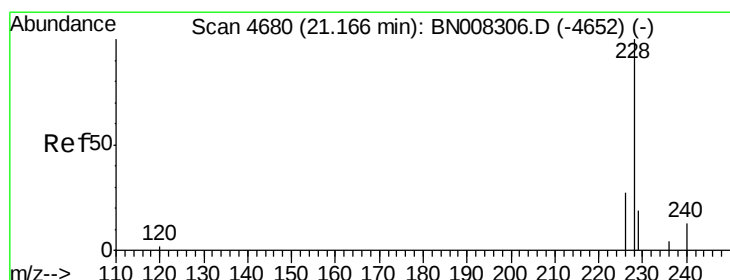
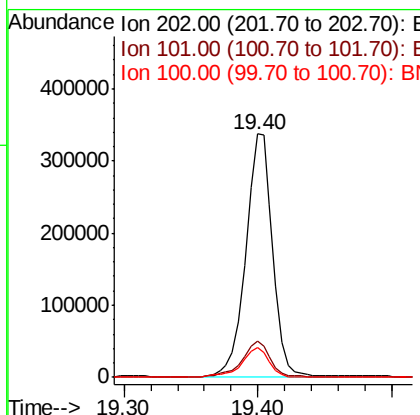
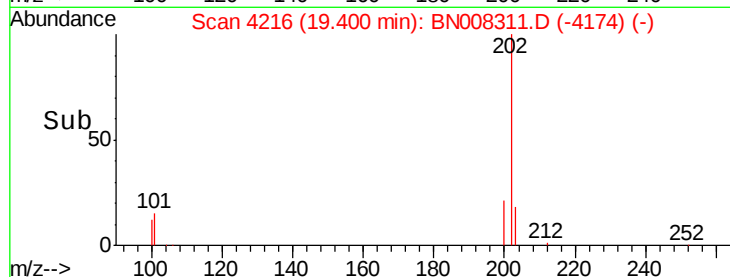
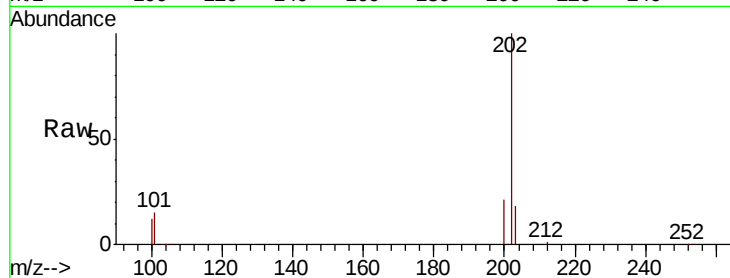
#17
Pvrene
Concen: 10.039 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008311.D
Acq: 22 Oct 2019 12:27

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.7	10.9	16.3
100	12.2	8.7	13.1

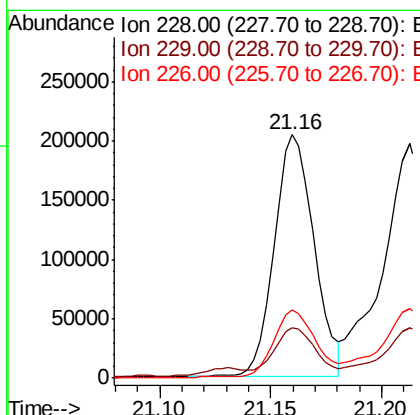
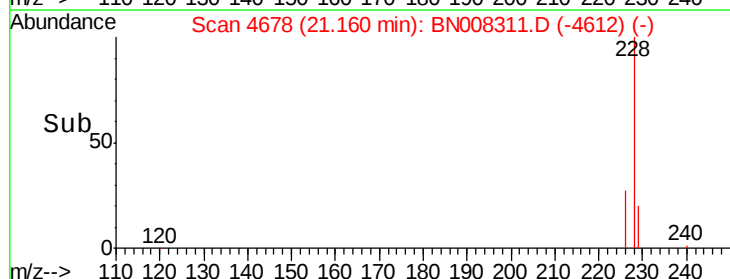
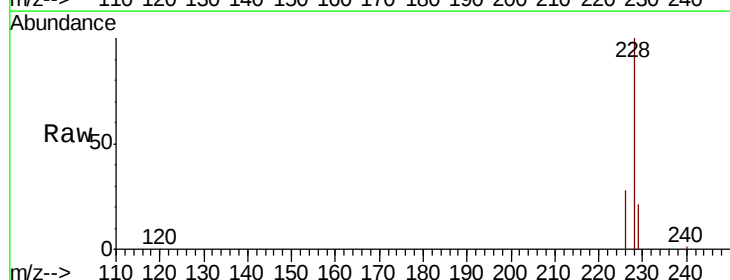
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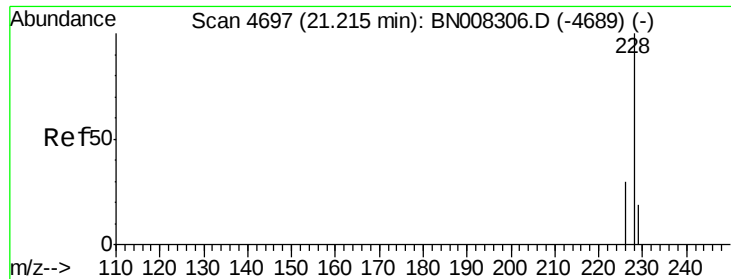
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#18
Benzo(a)anthracene
Concen: 5.895 ng/ul
RT: 21.16 min Scan# 4678
Delta R.T. -0.01 min
Lab File: BN008311.D
Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.9	16.2	24.2
226	27.9	21.4	32.0





#19

Chrysene

Concen: 5.389 ng/ul

RT: 21.21 min Scan# 4696

Delta R.T. -0.00 min

Lab File: BN008311.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_N

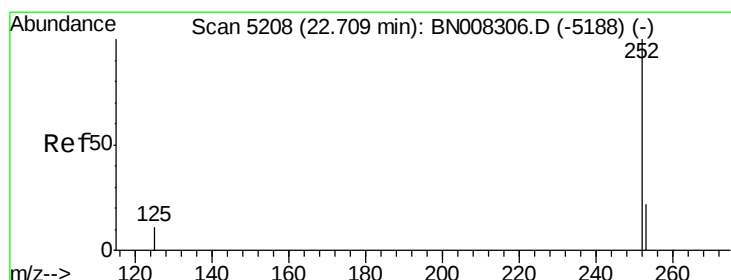
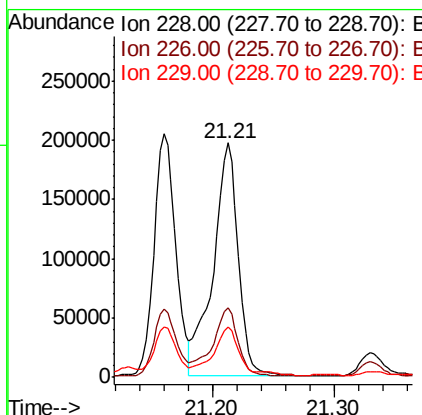
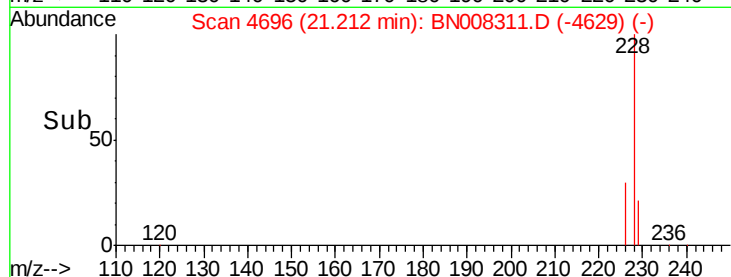
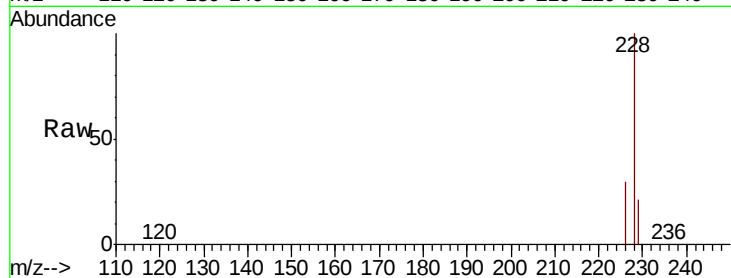
ClientSampled :

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Tot Ion:	228	Resp:	282443
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.1	36.1
229	21.5	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 8.964 ng/ul m

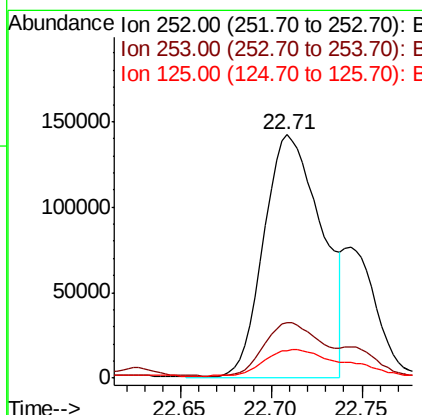
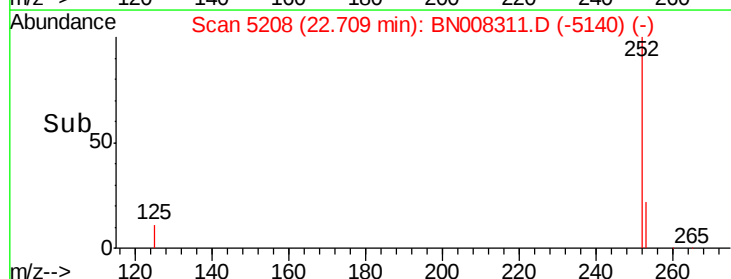
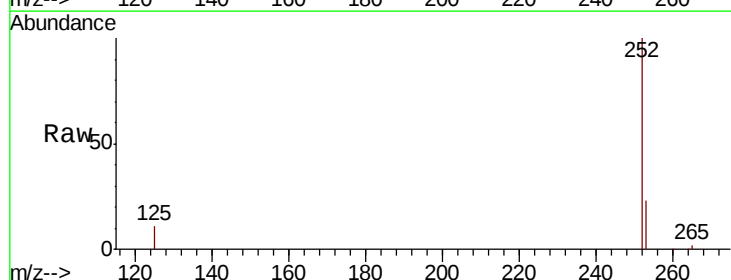
RT: 22.71 min Scan# 5208

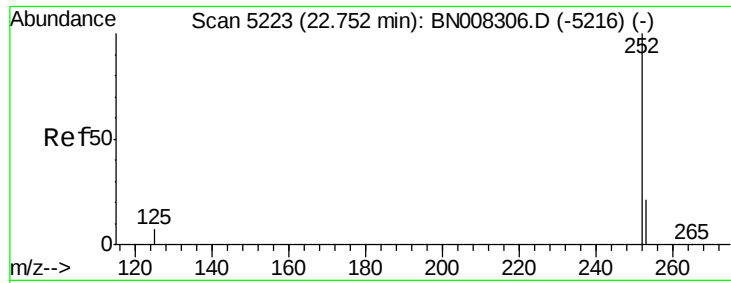
Delta R.T. 0.00 min

Lab File: BN008311.D

Acq: 22 Oct 2019 12:27

Tgt Ion:	252	Resp:	319293
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	53.4
125	11.5	0.0	32.4





#22

Benzo(k)fluoranthene

Concen: 2.476 ng/ul m

RT: 22.74 min Scan# 5220

Delta R.T. -0.01 min

Lab File: BN008311.D

Acq: 22 Oct 2019 12:27

Instrument :

BNA_N

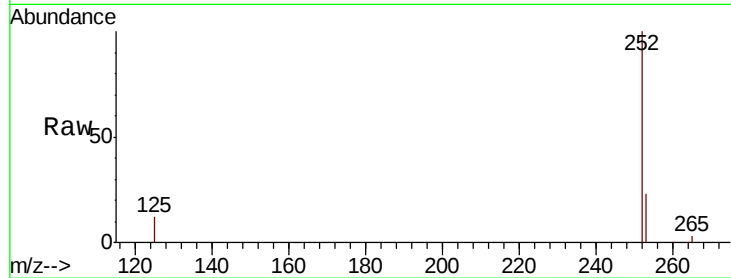
ClientSampleId :

BEP76DL

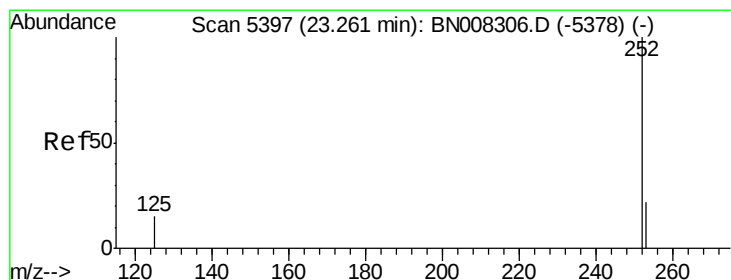
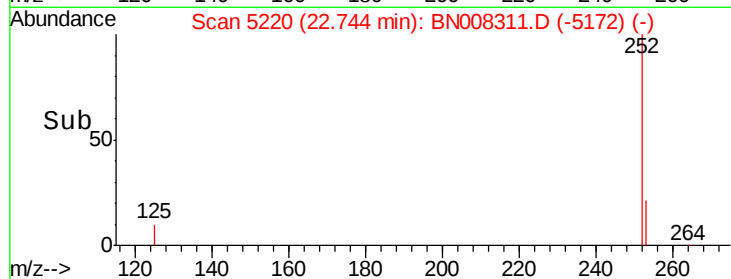
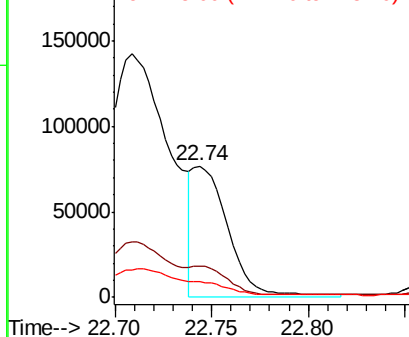
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	21.3	31.9
125	11.7	12.3	18.5#

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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: 5.569 ng/ul

RT: 23.26 min Scan# 5395

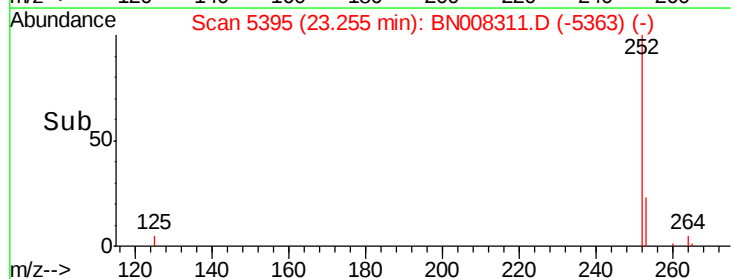
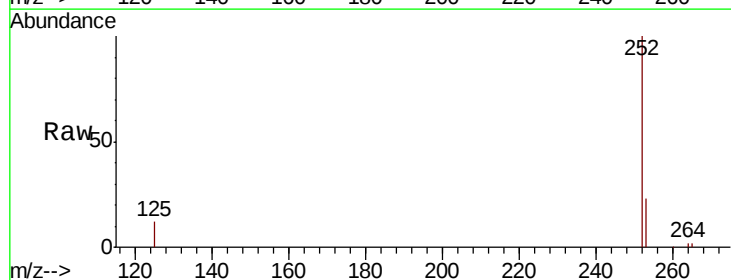
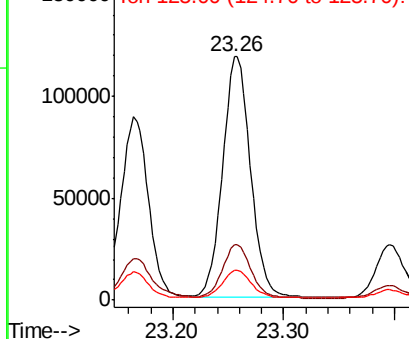
Delta R.T. -0.01 min

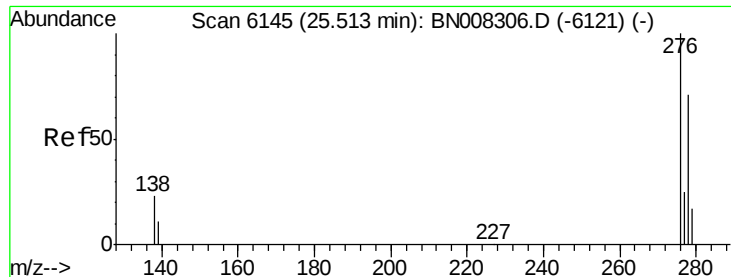
Lab File: BN008311.D

Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	22.8	34.2
125	12.4	18.4	27.6#

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





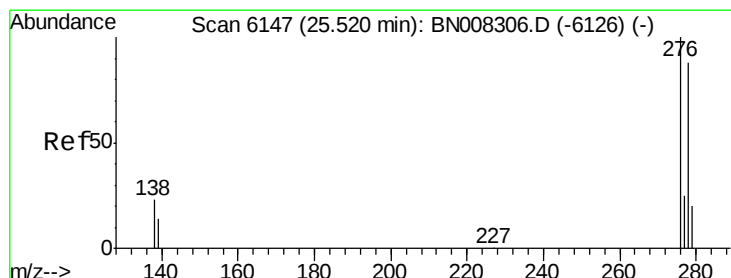
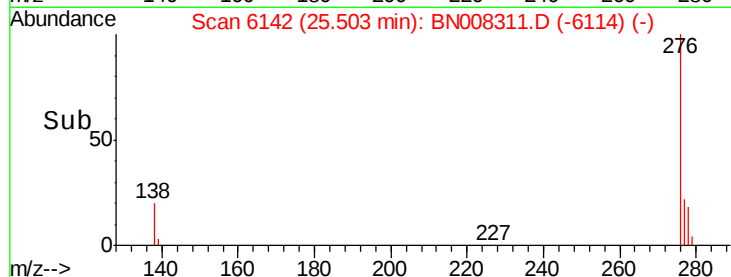
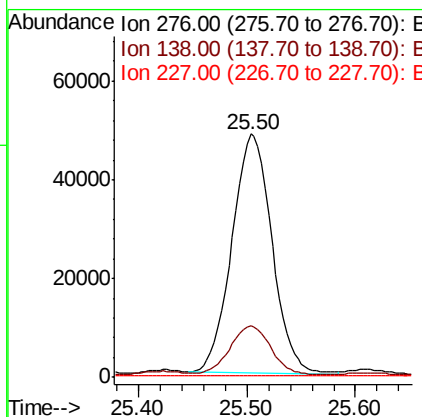
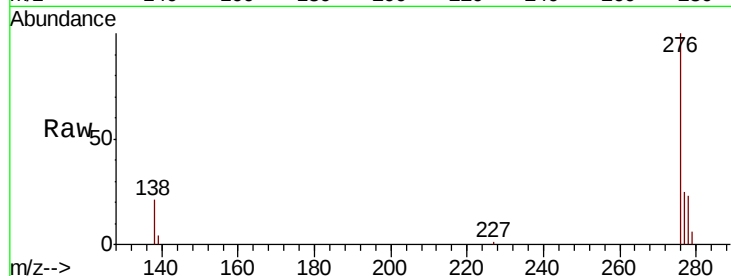
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 2.807 ng/ul
 RT: 25.50 min Scan# 6142
 Delta R.T. -0.01 min
 Lab File: BN008311.D
 Acq: 22 Oct 2019 12:27

Instrument :
 BNA_N
 ClientSampleID :
 BEP76DL

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	20.9	16.1	24.1
227	0.2	0.2	0.2

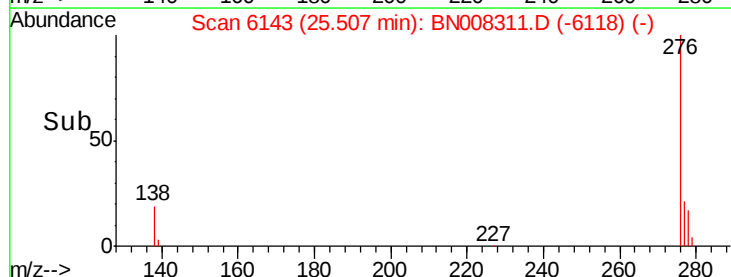
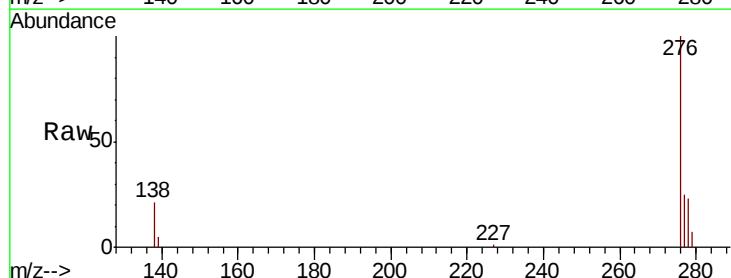
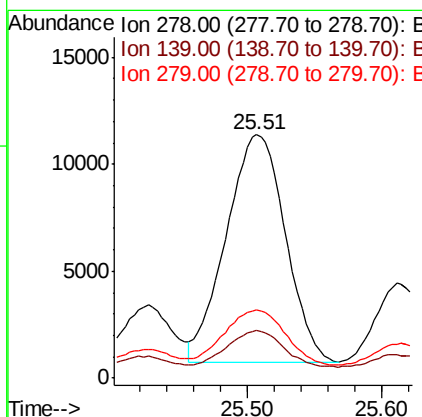
Manual Integrations
 APPROVED

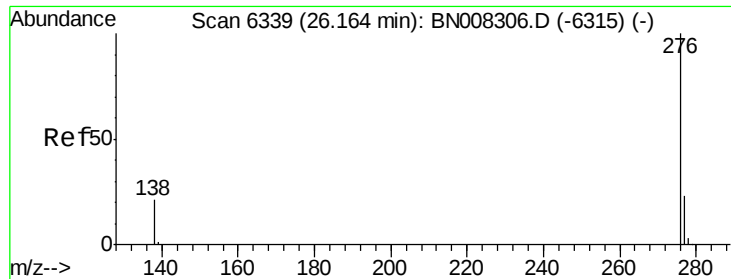
mohammad
 10/23/2019 8:06:28 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.929 ng/ul
 RT: 25.51 min Scan# 6143
 Delta R.T. -0.02 min
 Lab File: BN008311.D
 Acq: 22 Oct 2019 12:27

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	19.4	15.0	22.6
279	28.0	22.4	33.6





#26
 Benzo(a,h,i)perylene
 Concen: 3.054 ng/ul
 RT: 26.16 min Scan# 6339
 Delta R.T. -0.00 min
 Lab File: BN008311.D
 Acq: 22 Oct 2019 12:27

Instrument :
 BNA_N
 ClientSampleId :
 BEP76DL

Tot Ion:	276	Resp:	123615
Ion Ratio	Lower	Upper	
276	100		
138	21.5	17.0	25.4
277	24.4	20.4	30.6

Manual Integrations
 APPROVED

mohammad
 10/23/2019 8:06:28 AM

