

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101919\
 Data File : BN008270.D
 Acq On : 19 Oct 2019 15:15
 Operator : JU
 Sample : K5177-07DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP96DL

Manual Integrations
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Quant Time: Oct 19 21:45:51 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	2510	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	12094	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	7916	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	17623	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	16884	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	15254	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	1317	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	4282	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.41	128	1367	0.040	ng/ul#	86
5) 2-Methylnaphthalene	12.03	142	604	0.026	ng/ul	99
7) Acenaphthylene	13.94	152	2114	0.056	ng/ul#	94
8) Acenaphthene	14.29	153	862	0.029	ng/ul	95
9) Fluorene	15.28	166	1205	0.036	ng/ul#	95
12) Phenanthrene	17.02	178	24145	0.468	ng/ul	99
13) Anthracene	17.11	178	4490	0.099	ng/ul	97
15) Fluoranthene	19.04	202	60741	0.891	ng/ul	99
17) Pyrene	19.40	202	59721	0.888	ng/ul	100
18) Benzo(a)anthracene	21.16	228	30443	0.496	ng/ul	97
19) Chrysene	21.21	228	37109	0.493	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	44860m	0.903	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	12679m	0.225	ng/ul	
23) Benzo(a)pyrene	23.26	252	28229	0.540	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.51	276	17516	0.285	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.51	278	3875	0.080	ng/ul#	82
26) Benzo(a,h,i)perylene	26.16	276	16335	0.289	ng/ul	98

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

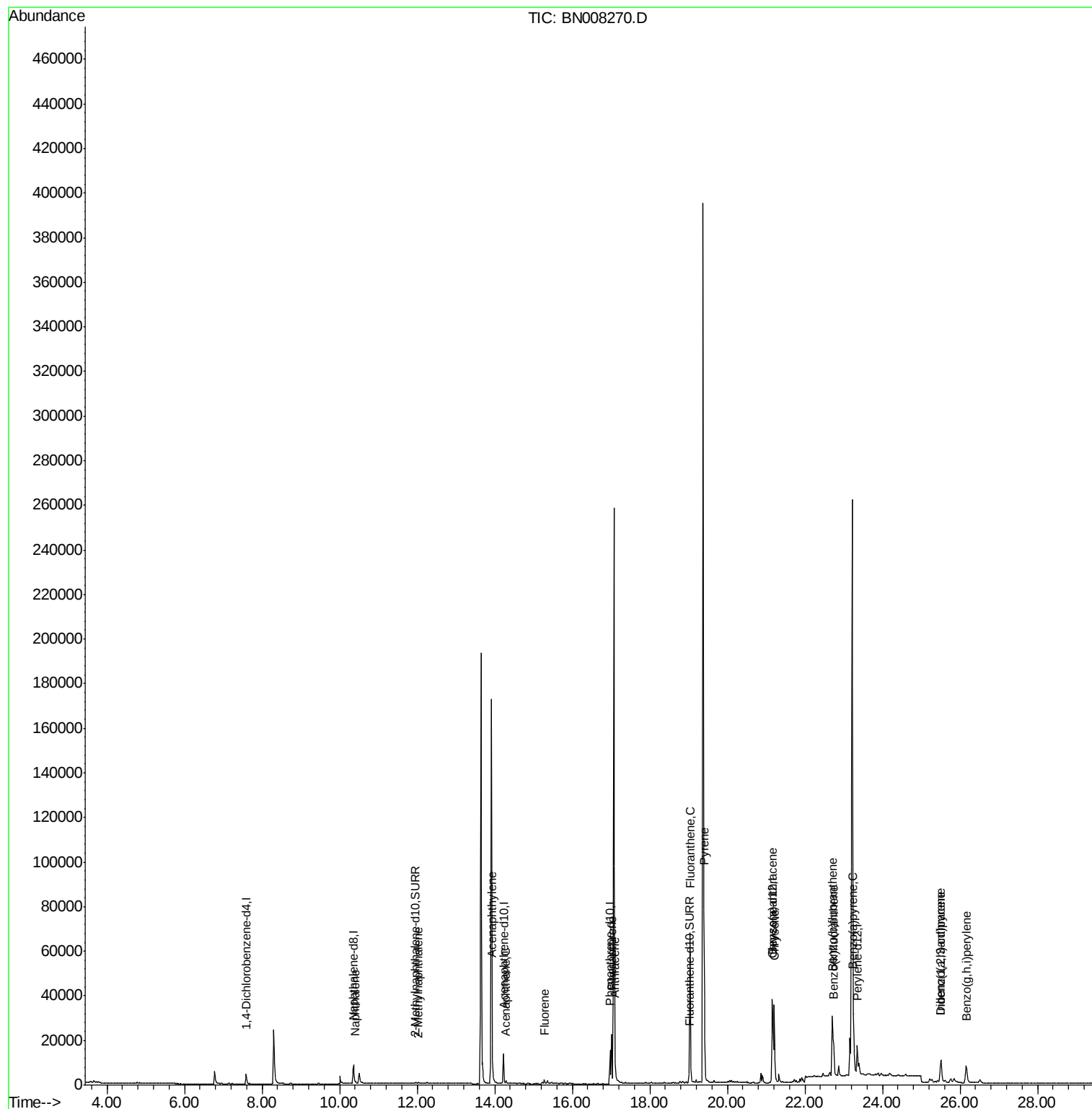
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101919\
Data File : BN008270.D
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ALS Vial : 11 Sample Multiplier: 1

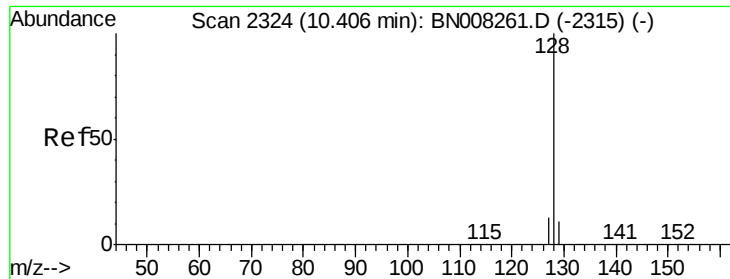
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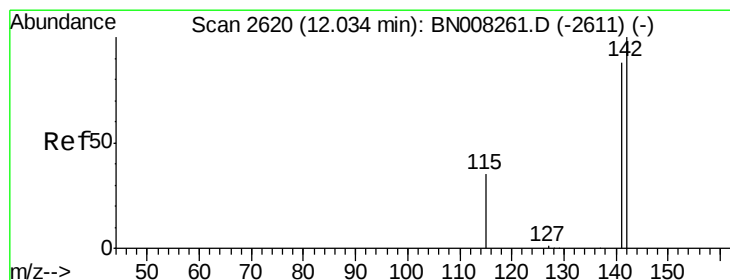
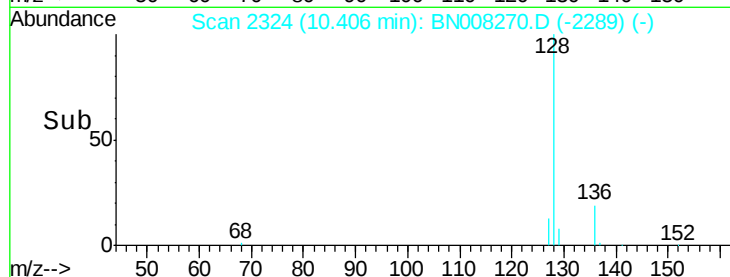
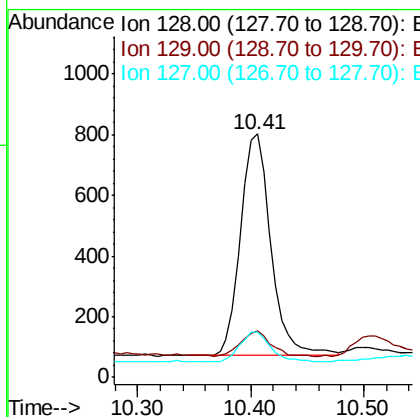
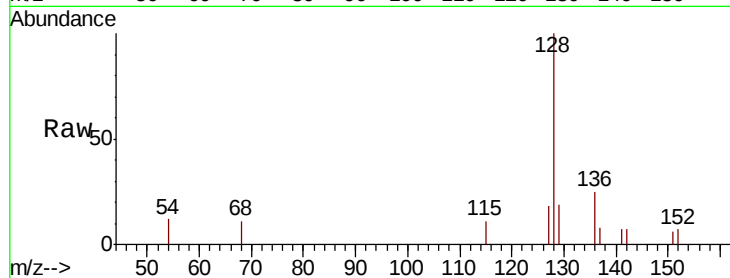
#3
Naphthalene
Concen: 0.040 ng/ul
RT: 10.41 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BN008270.D
Acq: 19 Oct 2019 15:15

Instrument :
BNA_N
ClientSampleID :
BEP96DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	18.9	9.8	14.8#
127	18.4	11.1	16.7#

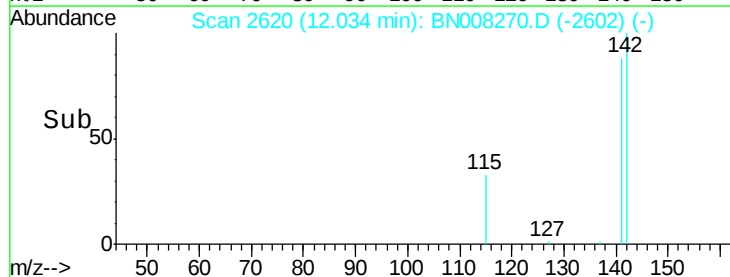
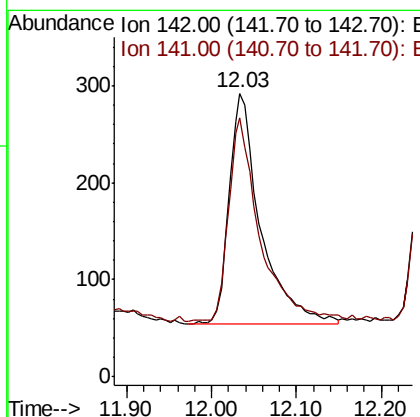
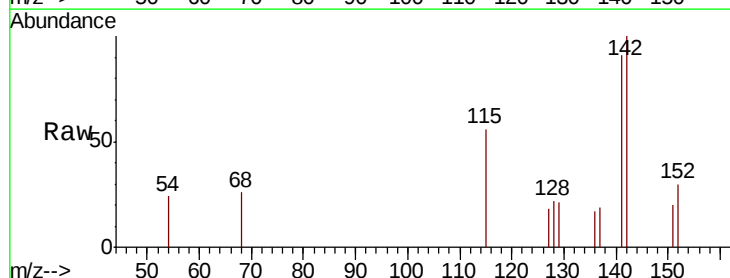
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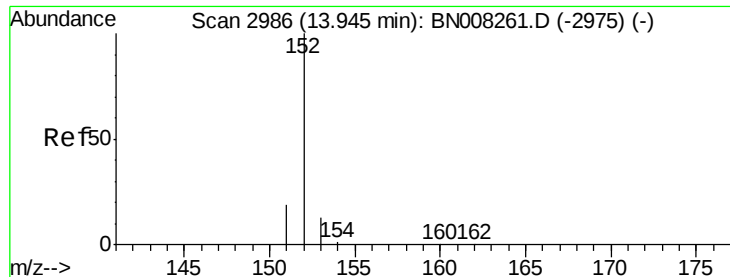
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#5
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.03 min Scan# 2620
Delta R.T. -0.00 min
Lab File: BN008270.D
Acq: 19 Oct 2019 15:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2





#7

Acenaphthylene

Concen: 0.056 ng/ul

RT: 13.94 min Scan# 2985

Delta R.T. -0.01 min

Lab File: BN008270.D

Acq: 19 Oct 2019 15:15

Instrument :

BNA_N

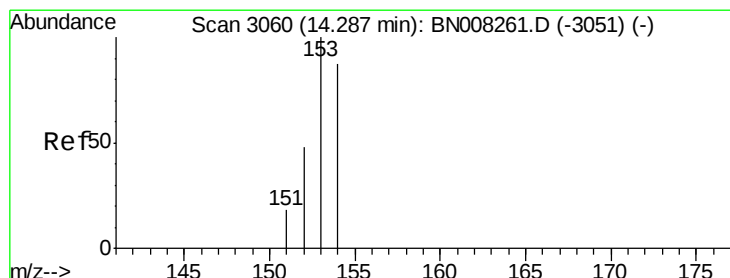
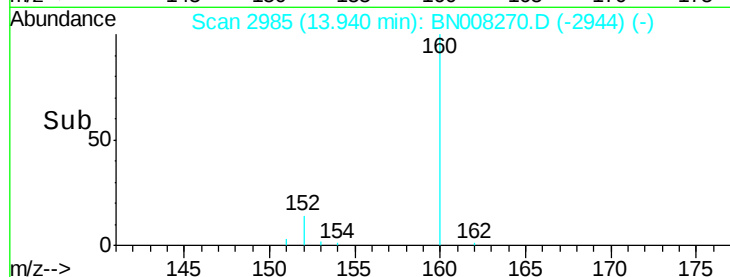
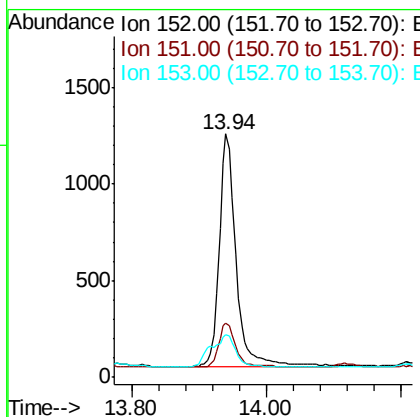
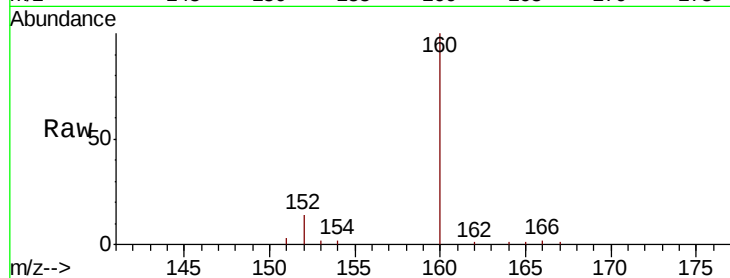
ClientSampleId :

BEP96DL

Tot Ion:	152	Resp:	2114
Ion Ratio	Lower	Upper	
152	100		
151	22.1	16.2	24.4
153	17.6	11.0	16.4

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#8

Acenaphthene

Concen: 0.029 ng/ul

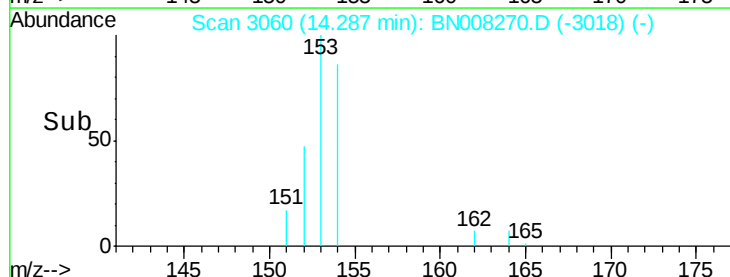
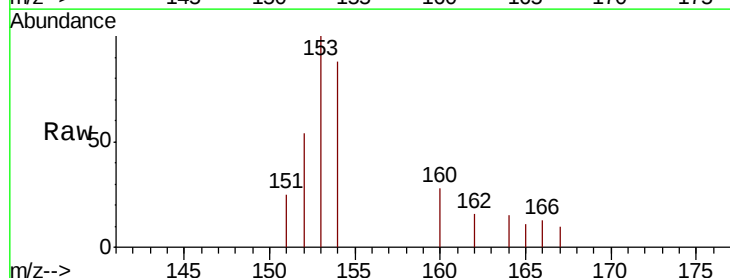
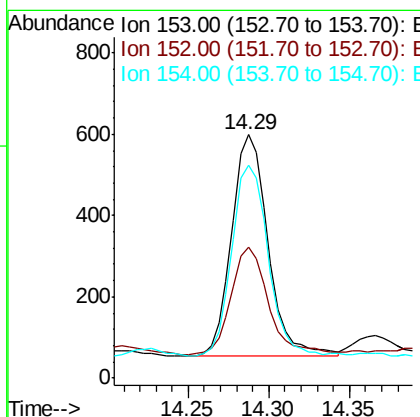
RT: 14.29 min Scan# 3060

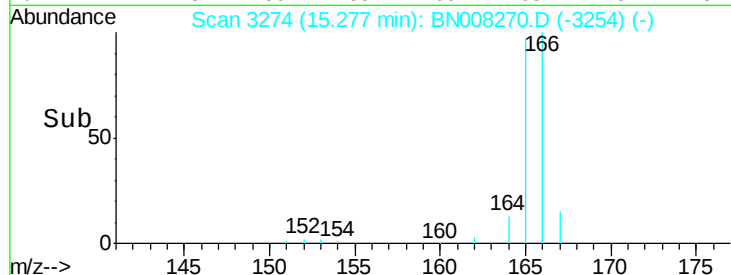
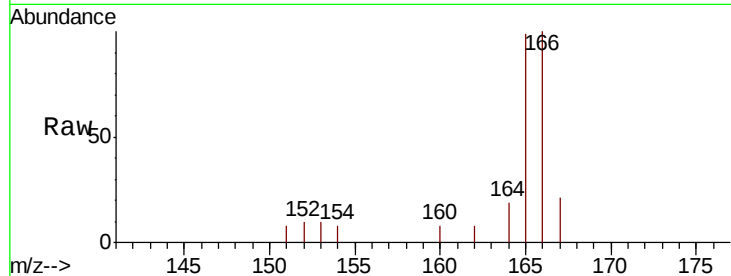
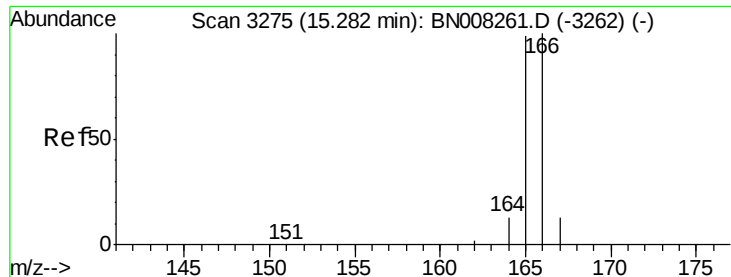
Delta R.T. -0.00 min

Lab File: BN008270.D

Acq: 19 Oct 2019 15:15

Tgt Ion:	153	Resp:	862
Ion Ratio	Lower	Upper	
153	100		
152	53.8	38.2	57.2
154	87.6	71.8	107.8





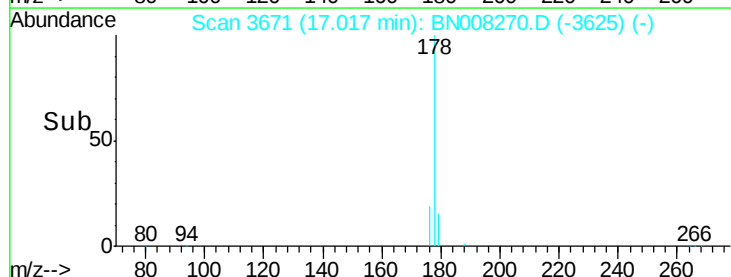
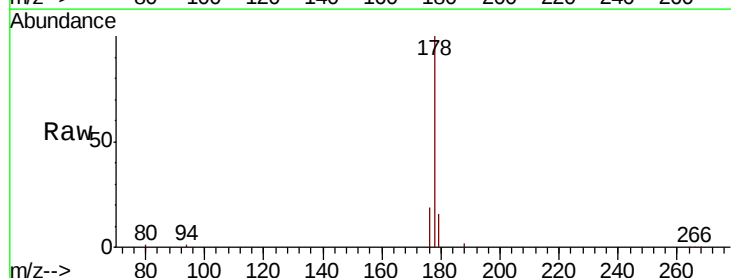
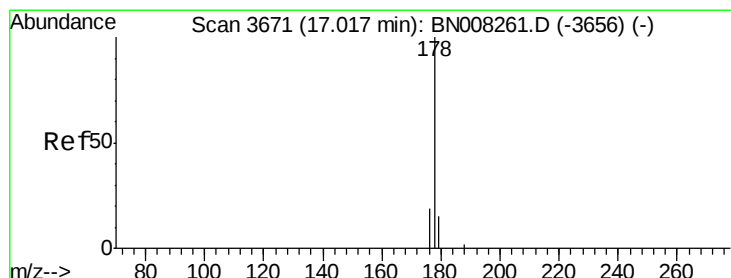
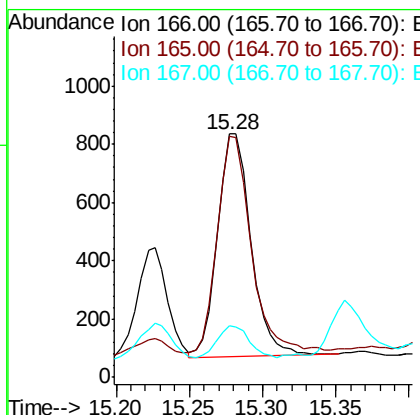
#9
Fluorene
 Concen: 0.036 ng/ul
 RT: 15.28 min Scan# 3274
 Delta R.T. -0.01 min
 Lab File: BN008270.D
 Acq: 19 Oct 2019 15:15

Instrument :
 BNA_N
 ClientSampleId :
 BEP96DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
1205	166	100			
	165	98.9	76.6	115.0	
	167	21.3	11.7	17.5	

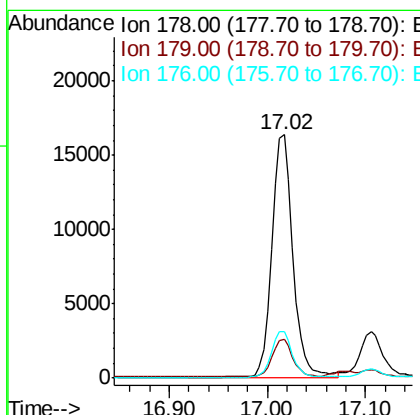
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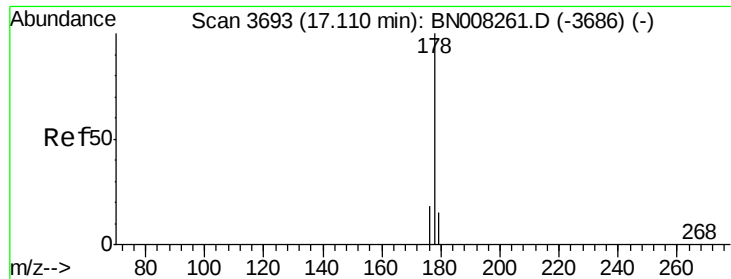
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#12
Phenanthrene
 Concen: 0.468 ng/ul
 RT: 17.02 min Scan# 3671
 Delta R.T. -0.00 min
 Lab File: BN008270.D
 Acq: 19 Oct 2019 15:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
24145	178	100			
	179	15.9	12.8	19.2	
	176	18.8	15.4	23.2	





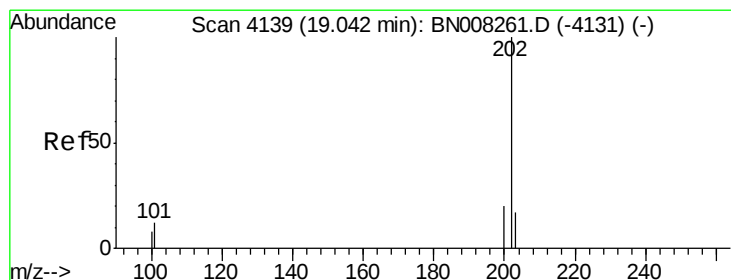
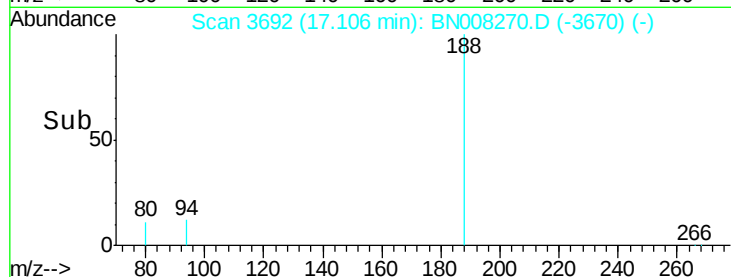
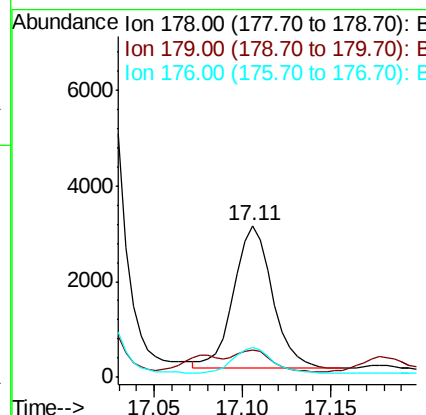
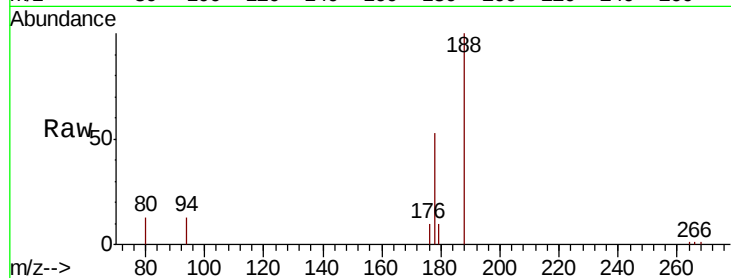
#13
 Anthracene
 Concen: 0.099 ng/ul
 RT: 17.11 min Scan# 3692
 Delta R.T. -0.01 min
 Lab File: BN008270.D
 Acq: 19 Oct 2019 15:15

Instrument :
 BNA_N
 ClientSampleId :
 BEP96DL

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
179	18.4	13.0	19.6	
176	19.8	15.0	22.6	

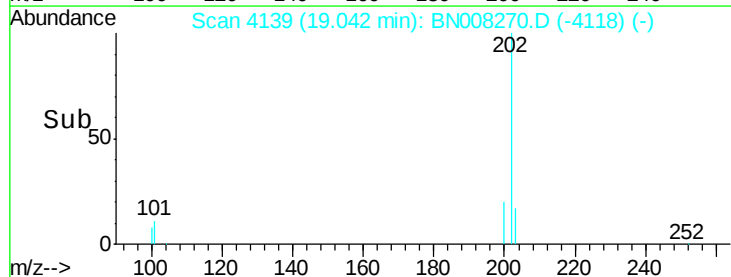
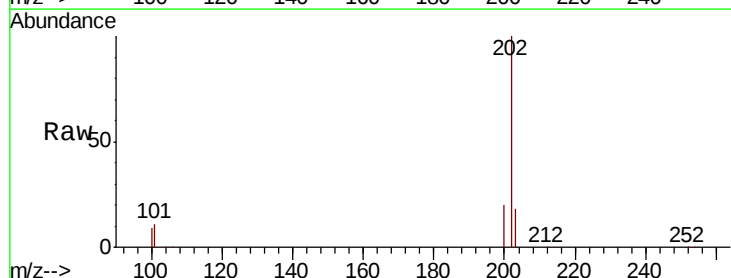
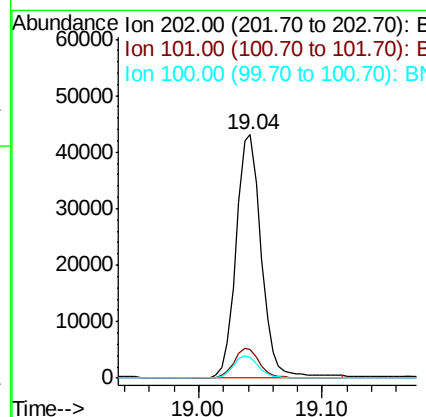
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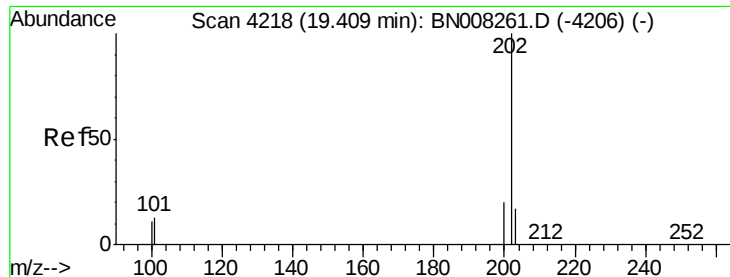
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#15
 Fluoranthene
 Concen: 0.891 ng/ul
 RT: 19.04 min Scan# 4139
 Delta R.T. -0.00 min
 Lab File: BN008270.D
 Acq: 19 Oct 2019 15:15

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
101	11.5	0.0	31.2	
100	8.7	0.0	28.5	





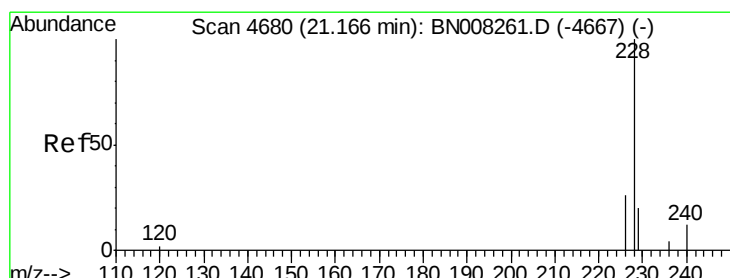
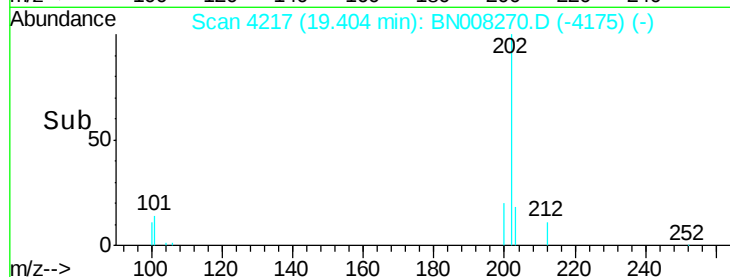
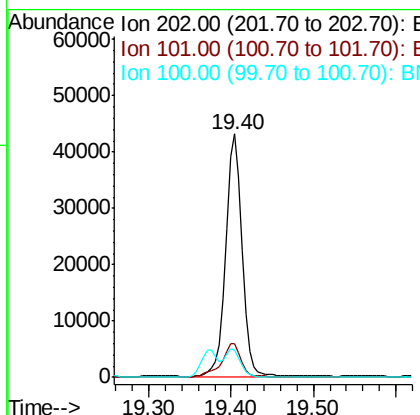
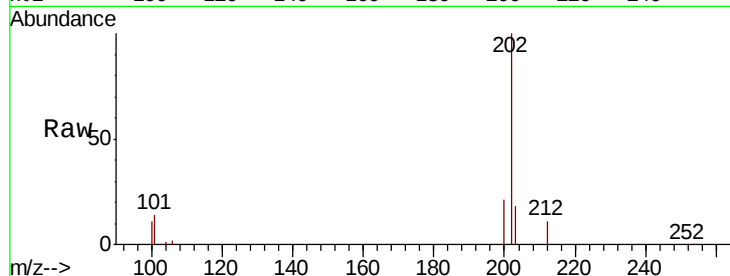
#17
Pvrene
Concen: 0.888 ng/ul
RT: 19.40 min Scan# 4217
Delta R.T. -0.00 min
Lab File: BN008270.D
Acq: 19 Oct 2019 15:15

Instrument :
BNA_N
ClientSampleId :
BEP96DL

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.7	10.9	16.3
100	11.2	8.7	13.1

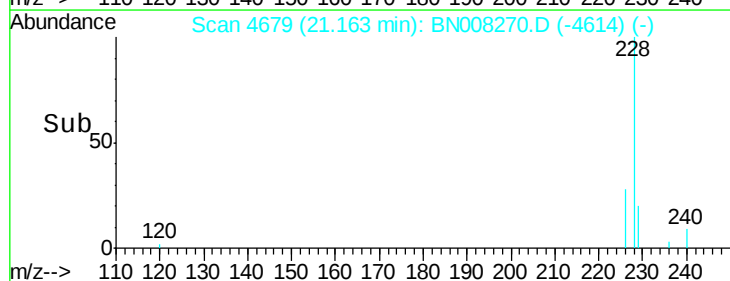
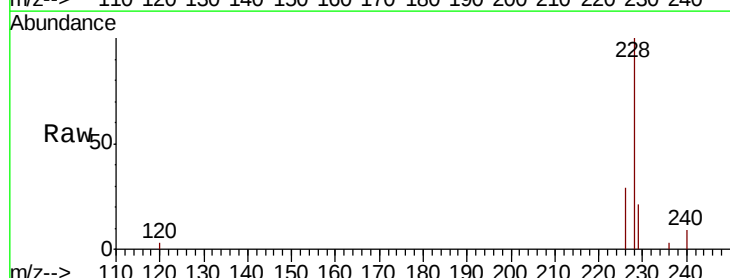
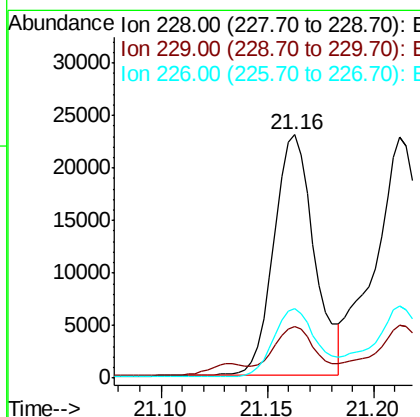
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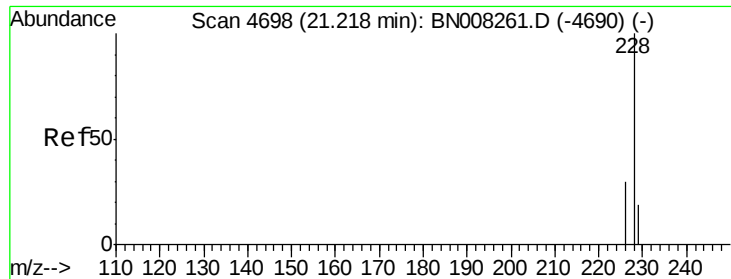
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#18
Benzo(a)anthracene
Concen: 0.496 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.01 min
Lab File: BN008270.D
Acq: 19 Oct 2019 15:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.2	16.2	24.2
226	28.8	21.4	32.0





#19

Chrysene

Concen: 0.493 ng/ul

RT: 21.21 min Scan# 4696

Delta R.T. -0.01 min

Lab File: BN008270.D

Acq: 19 Oct 2019 15:15

Instrument :

BNA_N

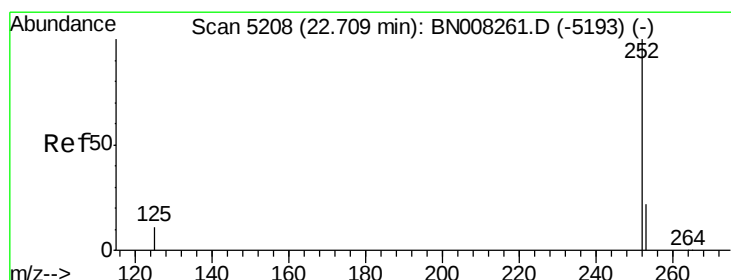
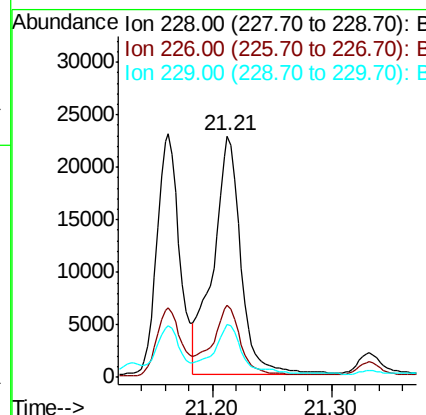
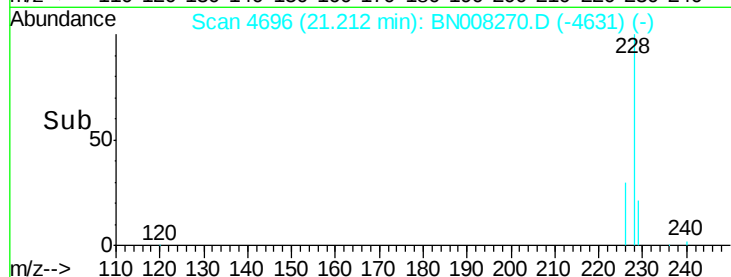
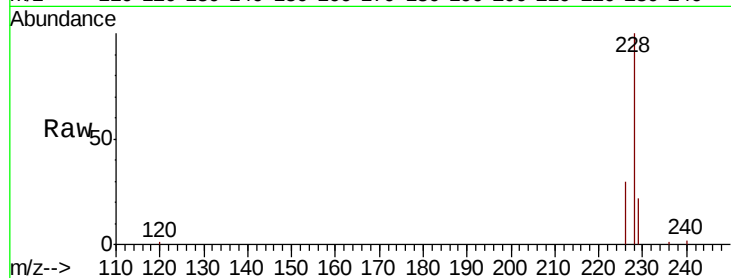
ClientSampleId :

BEP96DL

Tot Ion:	228	Resp:	37109
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.1	36.1
229	21.7	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 0.903 ng/ul m

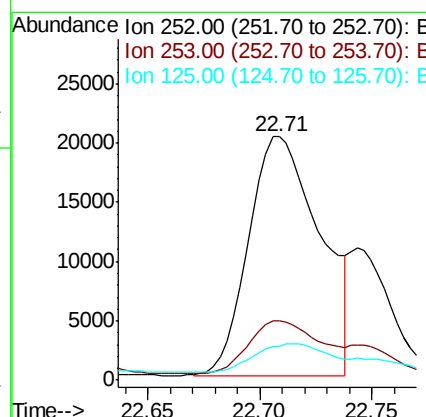
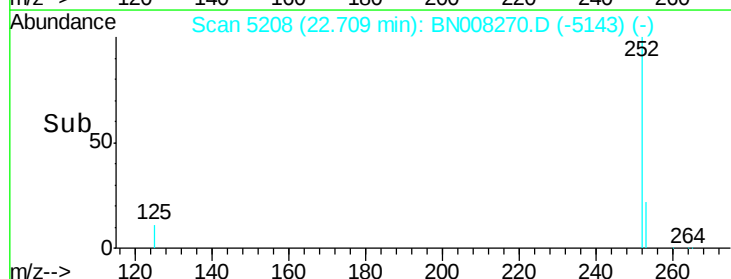
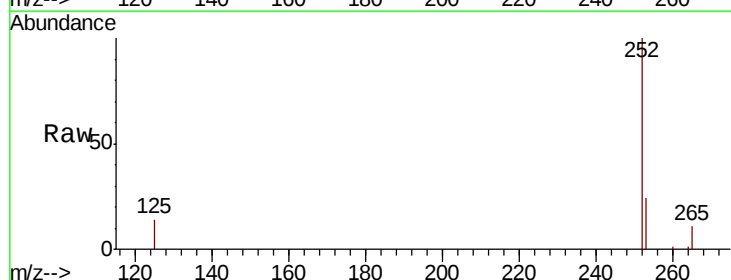
RT: 22.71 min Scan# 5208

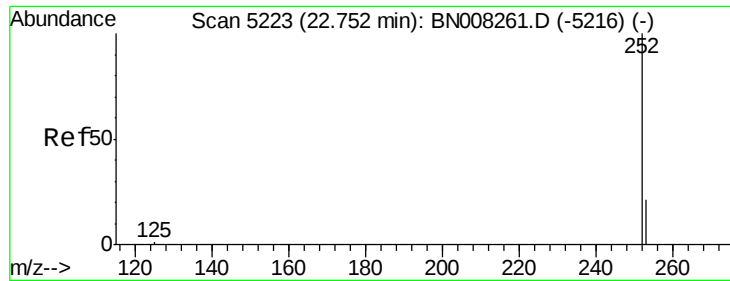
Delta R.T. -0.01 min

Lab File: BN008270.D

Acq: 19 Oct 2019 15:15

Tgt Ion:	252	Resp:	44860
Ion Ratio	Lower	Upper	
252	100		
253	24.5	0.0	53.4
125	14.0	0.0	32.4





#22

Benzo(k)fluoranthene

Concen: 0.225 ng/ul m

RT: 22.74 min Scan# 5220

Delta R.T. -0.02 min

Lab File: BN008270.D

Acq: 19 Oct 2019 15:15

Instrument :

BNA_N

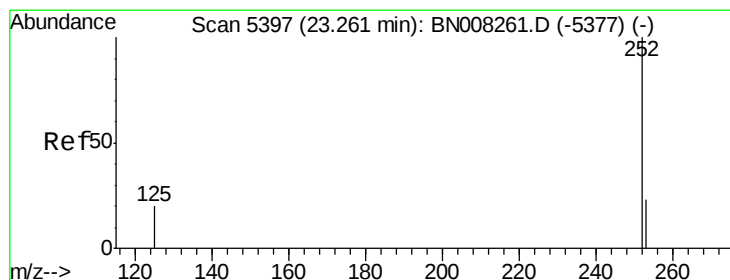
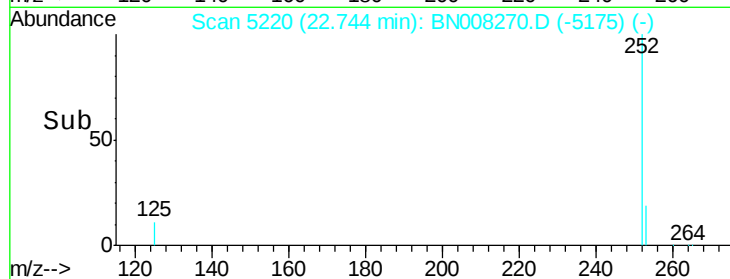
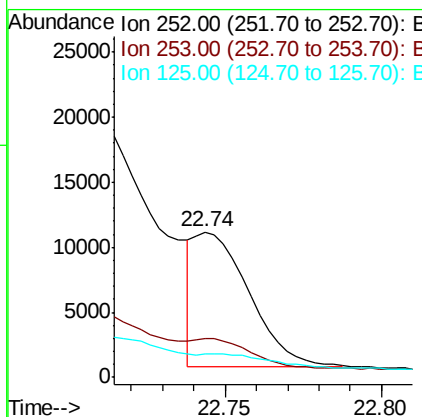
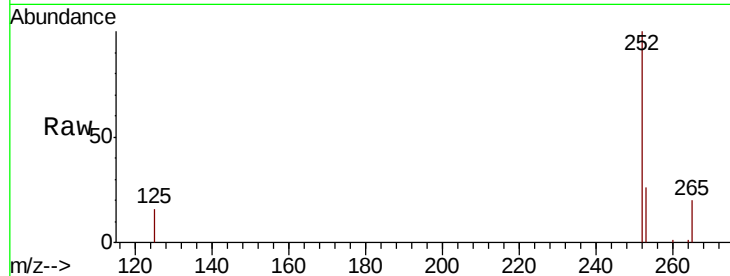
ClientSampleId :

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Tot Ion:	252	Resp:	12679
Ion Ratio	Lower	Upper	
252	100		
253	26.4	21.3	31.9
125	16.3	12.3	18.5

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#23

Benzo(a)pyrene

Concen: 0.540 ng/ul

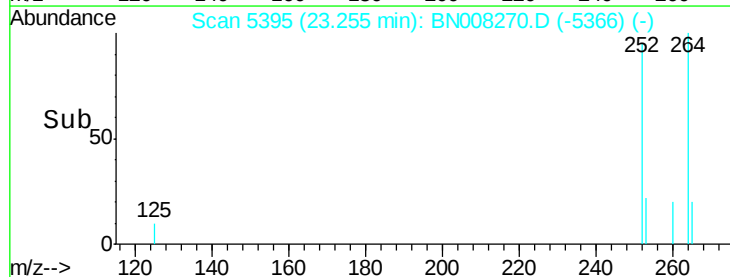
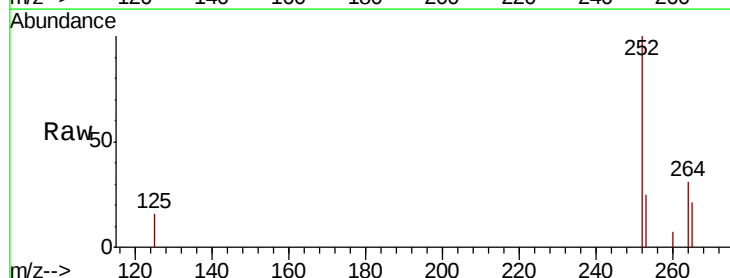
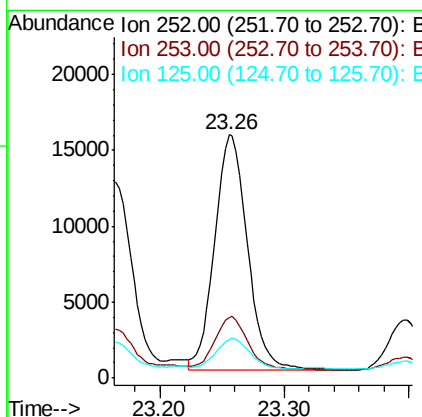
RT: 23.26 min Scan# 5395

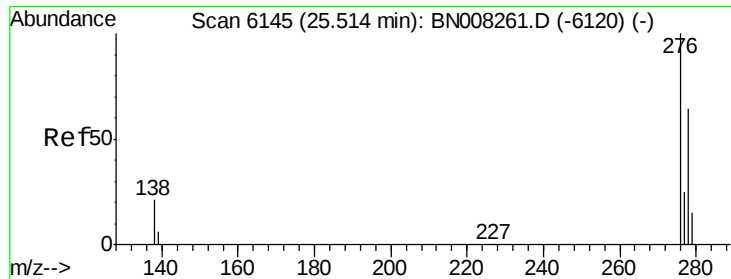
Delta R.T. -0.01 min

Lab File: BN008270.D

Acq: 19 Oct 2019 15:15

Tgt Ion:	252	Resp:	28229
Ion Ratio	Lower	Upper	
252	100		
253	25.1	22.8	34.2
125	16.1	18.4	27.6#





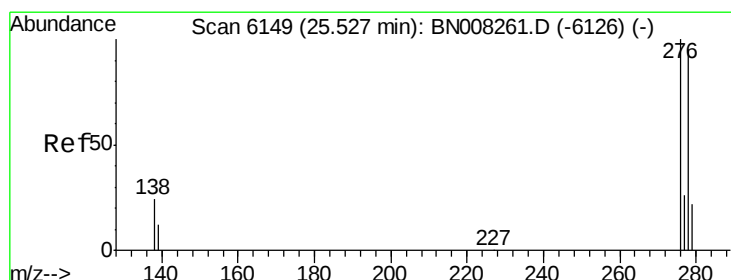
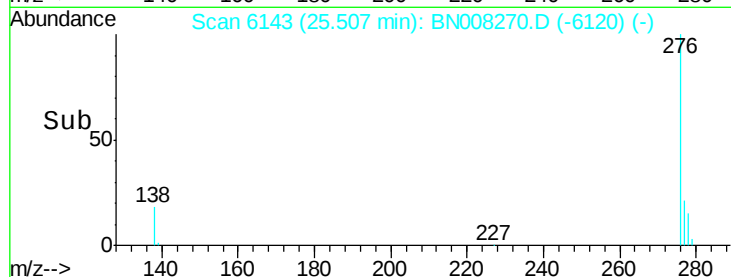
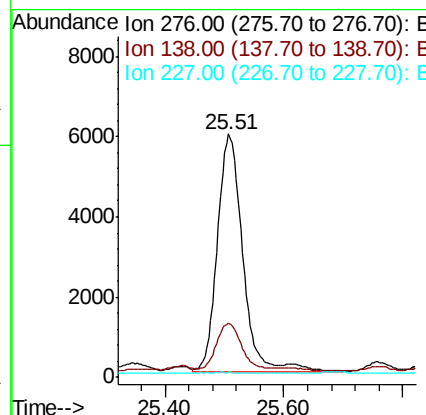
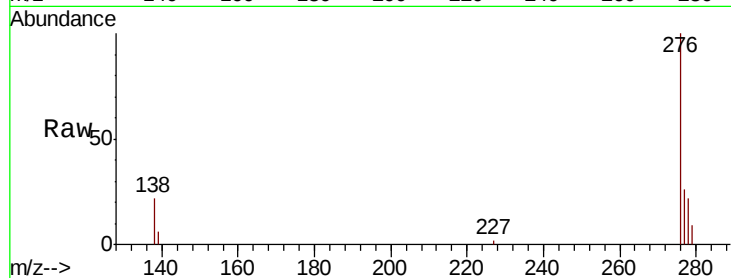
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.285 ng/ul
RT: 25.51 min Scan# 6143
Delta R.T. -0.02 min
Lab File: BN008270.D
Acq: 19 Oct 2019 15:15

Instrument :
BNA_N
ClientSampleId :
BEP96DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.4	16.1	24.1
227	0.1	0.2	0.2

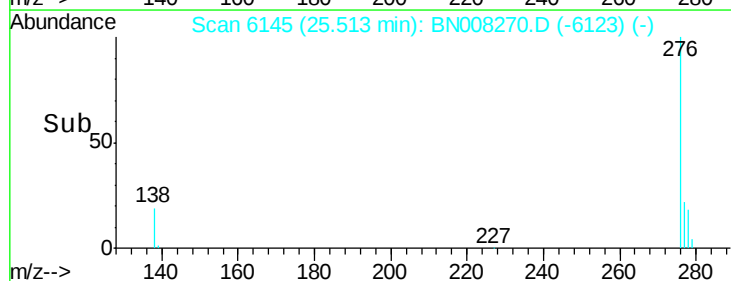
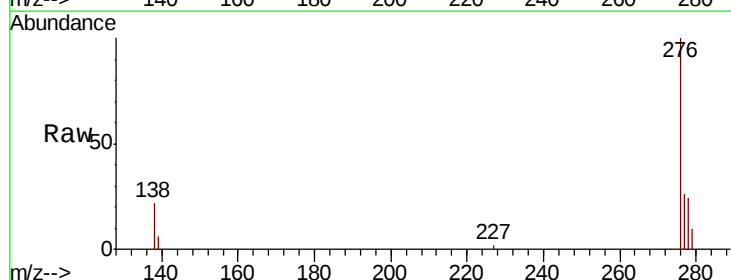
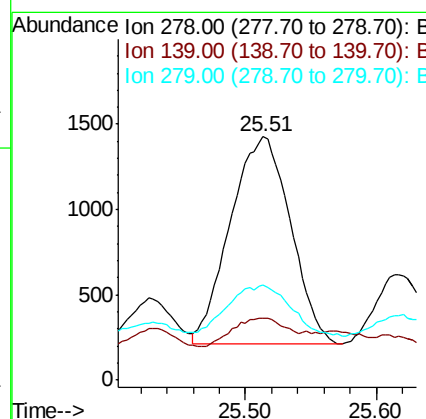
Manual Integrations
APPROVED

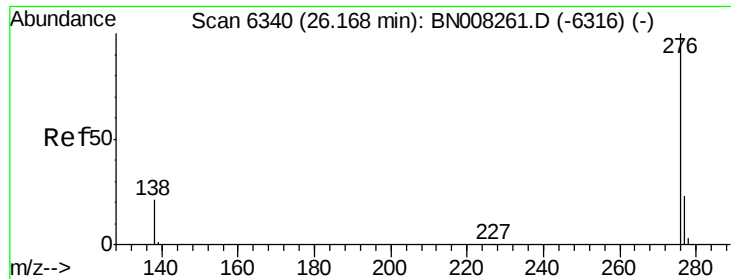
mohammad
10/20/2019 8:03:52 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.080 ng/ul
RT: 25.51 min Scan# 6145
Delta R.T. -0.03 min
Lab File: BN008270.D
Acq: 19 Oct 2019 15:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.4	15.0	22.6
279	38.9	22.4	33.6





#26

Benzo(a,h,i)perylene

Concen: 0.289 ng/ul

RT: 26.16 min Scan# 6339

Delta R.T. -0.02 min

Lab File: BN008270.D

Acq: 19 Oct 2019 15:15

Instrument :

BNA_N

ClientSampleId :

BEP96DL

Tot Ion:	276	Resp:	16335
Ion Ratio	Lower	Upper	
276	100		
138	23.0	17.0	25.4
277	25.3	20.4	30.6

Manual Integrations
APPROVED

mohammad
10/20/2019 8:03:52 PM

