

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008308.D
 Acq On : 22 Oct 2019 10:39
 Operator : JU
 Sample : K5199-07DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP74DL

Manual Integrations
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mohammad
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Quant Time: Oct 22 13:41:36 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	2006	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9694	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	6342	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	13903	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	13535	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	13812	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	976	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	3252	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.39	128	1520	0.055	ng/ul#	86
5) 2-Methylnaphthalene	12.03	142	1208	0.064	ng/ul	98
7) Acenaphthylene	13.94	152	785	0.026	ng/ul#	74
8) Acenaphthene	14.28	153	2497	0.106	ng/ul	99
9) Fluorene	15.27	166	1985	0.074	ng/ul#	96
12) Phenanthrene	17.01	178	24944	0.613	ng/ul	99
13) Anthracene	17.10	178	6048	0.169	ng/ul	98
15) Fluoranthene	19.04	202	26709	0.497	ng/ul	98
17) Pyrene	19.40	202	30991	0.575	ng/ul	99
18) Benzo(a)anthracene	21.16	228	14462	0.294	ng/ul	96
19) Chrysene	21.21	228	16418	0.272	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	14947m	0.332	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	5311m	0.104	ng/ul	
23) Benzo(a)pyrene	23.26	252	10785	0.228	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.51	276	5790	0.104	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.51	278	1489	0.034	ng/ul#	53
26) Benzo(a,h,i)perylene	26.16	276	5150	0.101	ng/ul#	91

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

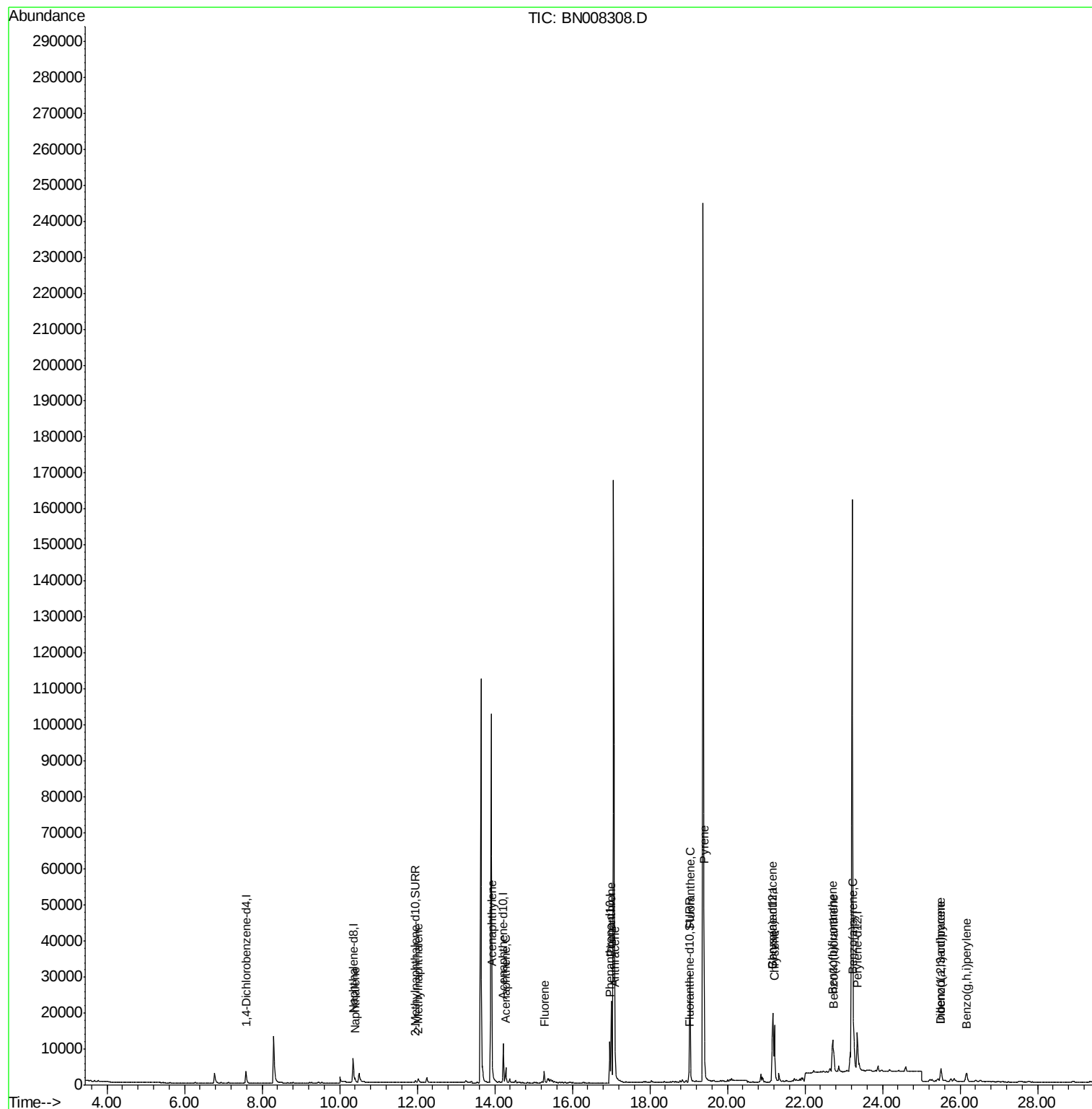
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

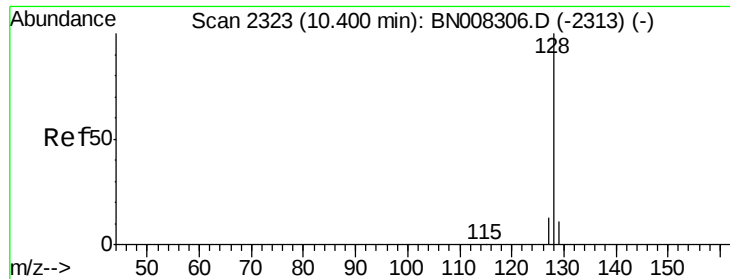
Instrument :
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BEP74DL

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Quant Time: Oct 22 13:41:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Tue Oct 22 13:04:25 2019
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#3

Naphthalene

Concen: 0.055 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BN008308.D

Acq: 22 Oct 2019 10:39

Instrument :

BNA_N

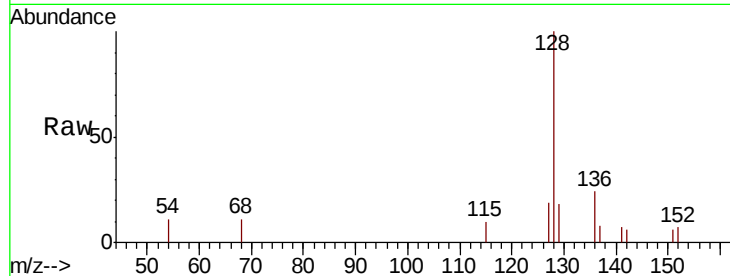
ClientSampleId :

BEP74DL

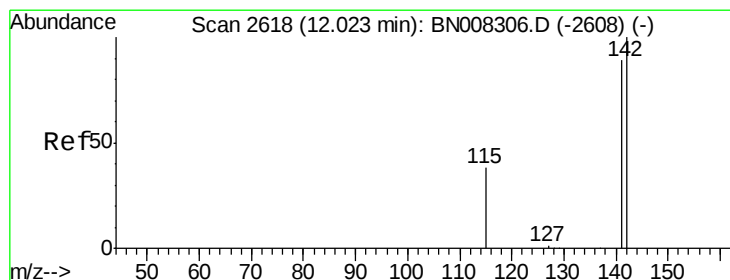
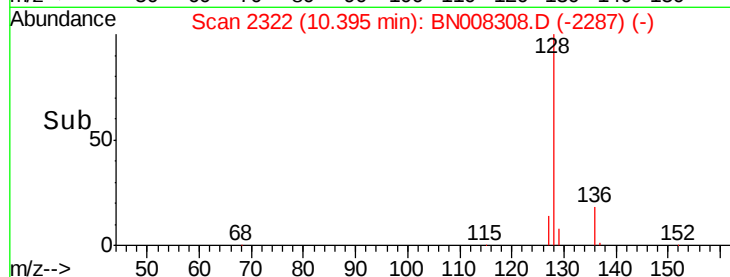
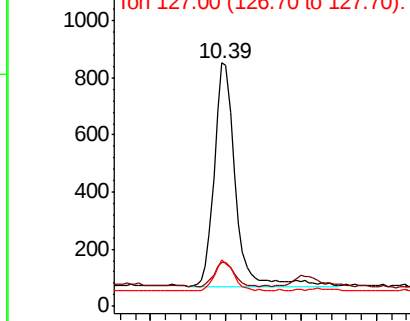
Tot Ion:	128	Resp:	1520
Ion Ratio	Lower	Upper	
128	100		
129	17.9	9.8	14.8#
127	19.2	11.1	16.7#

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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: 0.064 ng/ul

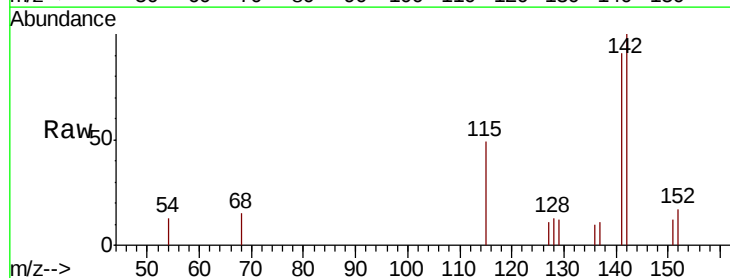
RT: 12.03 min Scan# 2619

Delta R.T. 0.00 min

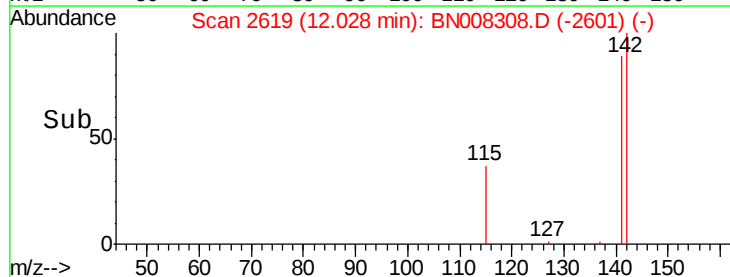
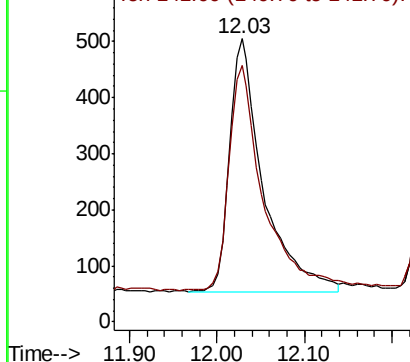
Lab File: BN008308.D

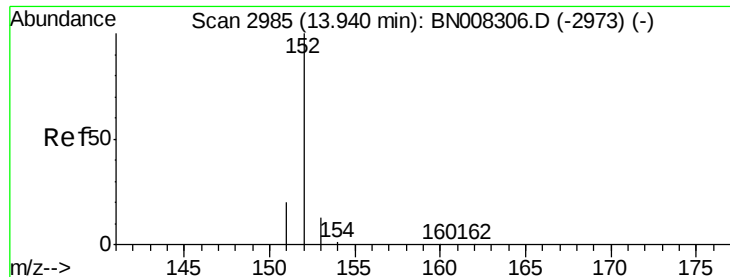
Acq: 22 Oct 2019 10:39

Tgt Ion:	142	Resp:	1208
Ion Ratio	Lower	Upper	
142	100		
141	91.3	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: 0.026 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN008308.D

Acq: 22 Oct 2019 10:39

Instrument :

BNA_N

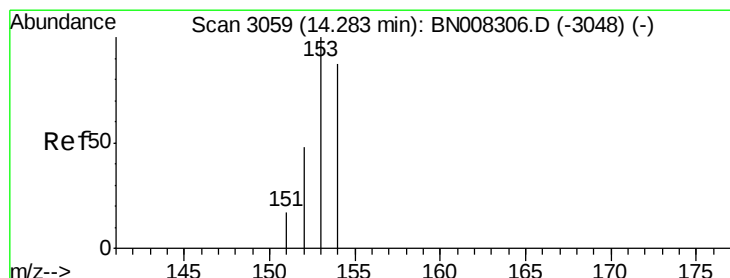
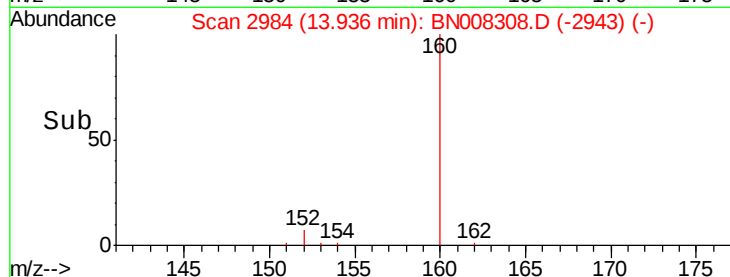
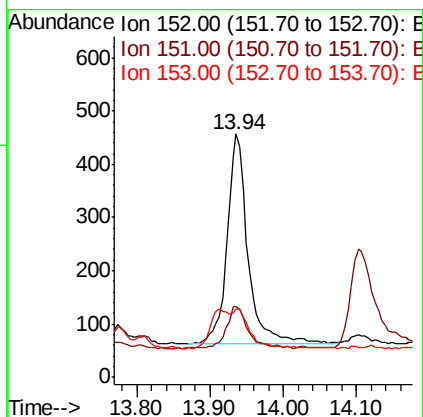
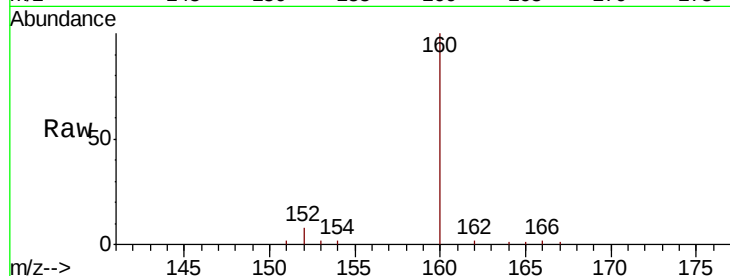
ClientSampleId :

BEP74DL

Tot Ion:	152	Resp:	785
Ion Ratio	Lower	Upper	
152	100		
151	28.9	16.2	24.4#
153	28.2	11.0	16.4#

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#8

Acenaphthene

Concen: 0.106 ng/ul

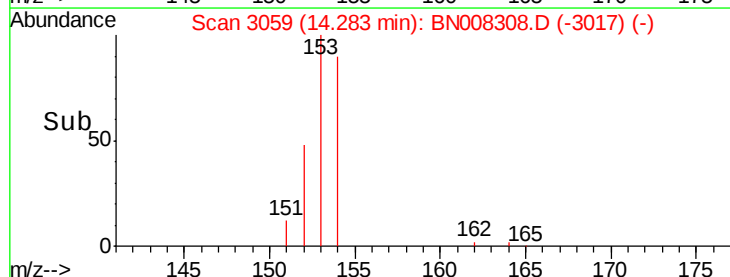
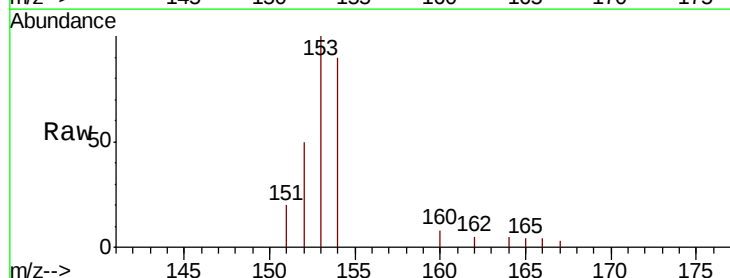
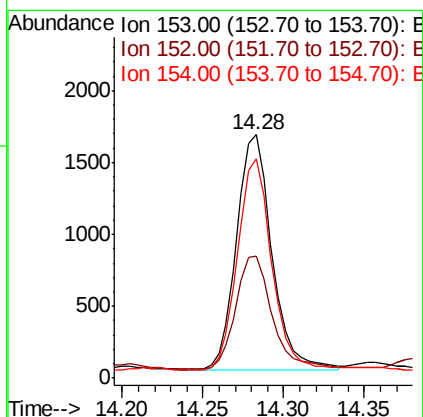
RT: 14.28 min Scan# 3059

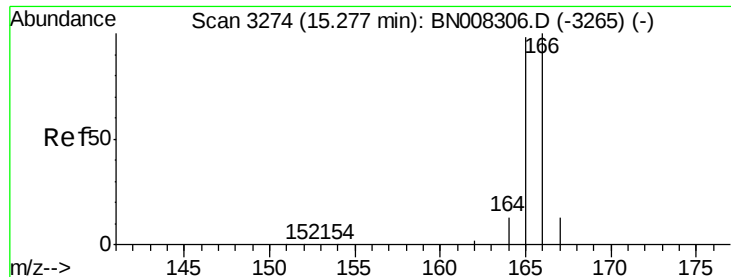
Delta R.T. -0.00 min

Lab File: BN008308.D

Acq: 22 Oct 2019 10:39

Tgt Ion:	153	Resp:	2497
Ion Ratio	Lower	Upper	
153	100		
152	50.2	38.2	57.2
154	90.0	71.8	107.8





#9

Fluorene

Concen: 0.074 ng/ul

RT: 15.27 min Scan# 3273

Delta R.T. -0.01 min

Lab File: BN008308.D

Acq: 22 Oct 2019 10:39

Instrument :

BNA_N

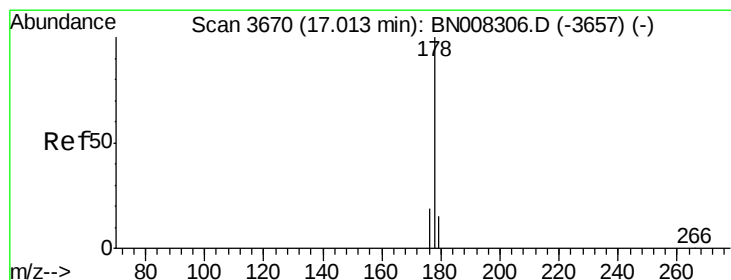
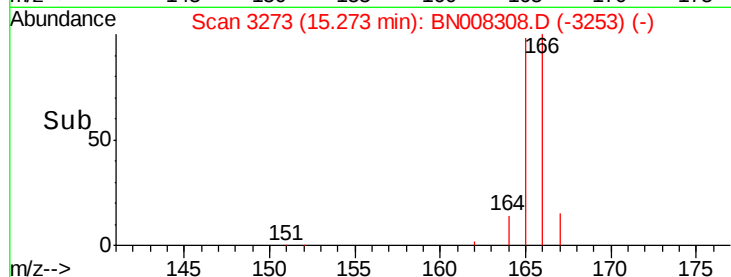
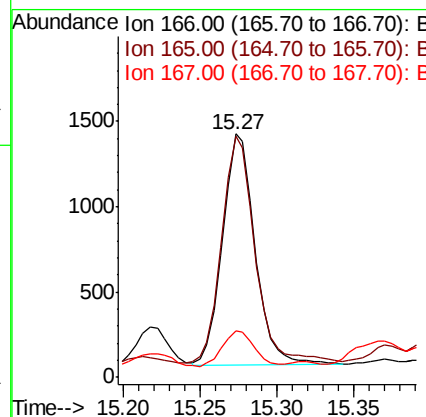
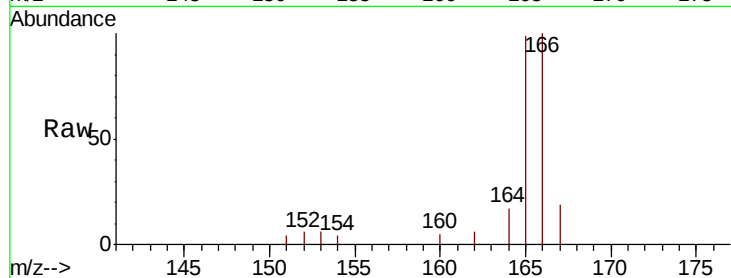
ClientSampleId :

BEP74DL

Tot Ion:	166	Resp:	1985
Ion Ratio	Lower	Upper	
166	100		
165	99.2	76.6	115.0
167	18.9	11.7	17.5#

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#12

Phenanthrene

Concen: 0.613 ng/ul

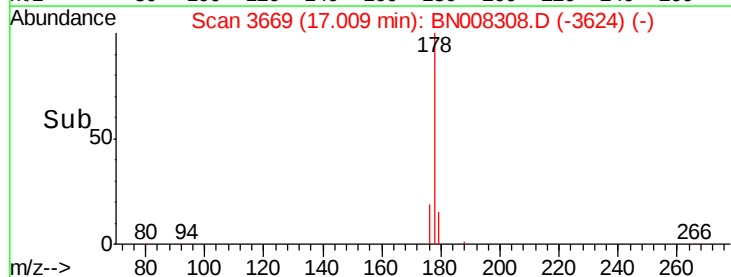
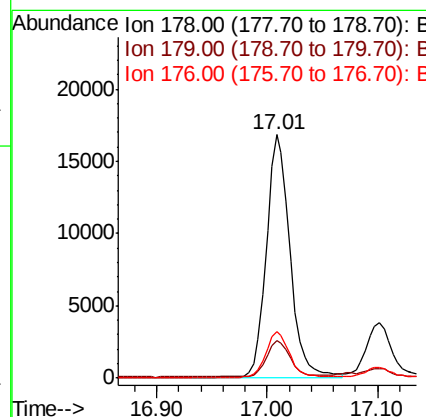
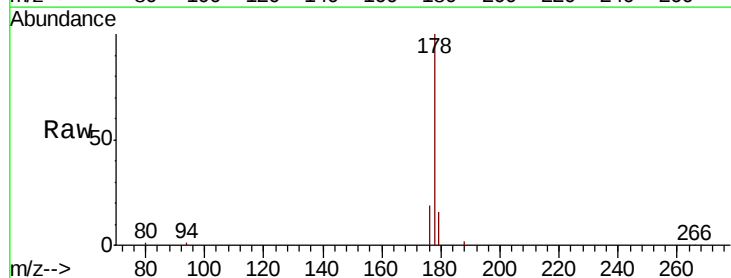
RT: 17.01 min Scan# 3669

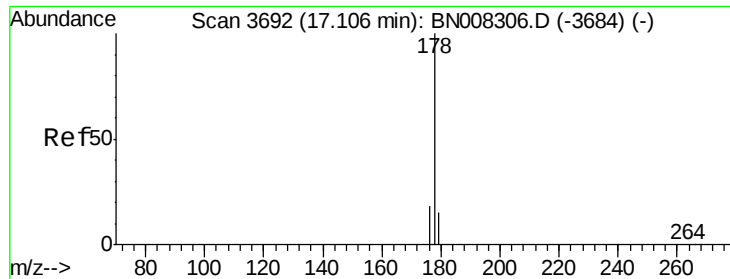
Delta R.T. -0.01 min

Lab File: BN008308.D

Acq: 22 Oct 2019 10:39

Tgt Ion:	178	Resp:	24944
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.8	19.2
176	18.9	15.4	23.2





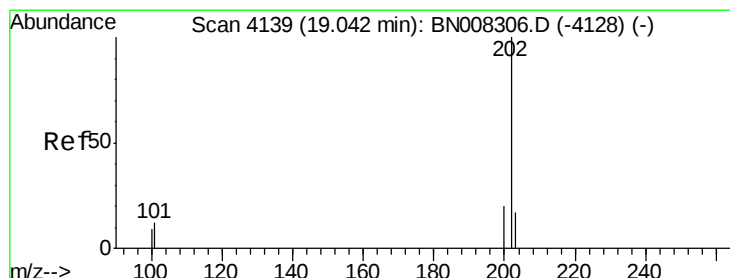
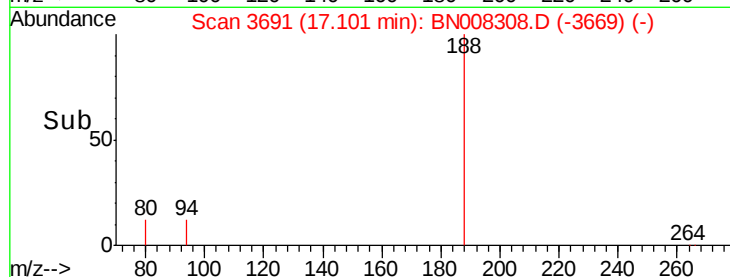
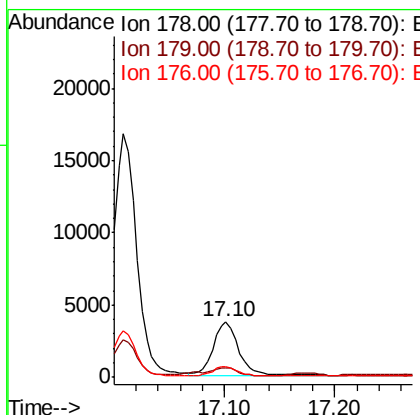
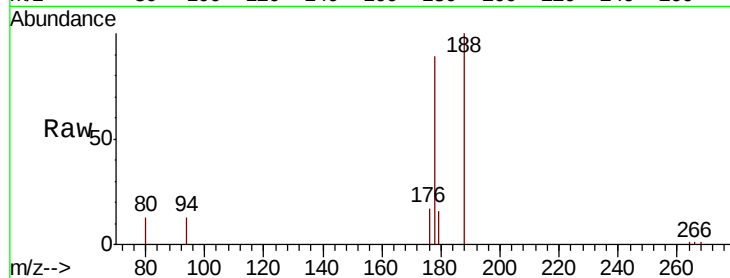
#13
 Anthracene
 Concen: 0.169 ng/ul
 RT: 17.10 min Scan# 3691
 Delta R.T. -0.01 min
 Lab File: BN008308.D
 Acq: 22 Oct 2019 10:39

Instrument :
 BNA_N
 ClientSampleId :
 BEP74DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.5	13.0	19.6
176	19.3	15.0	22.6

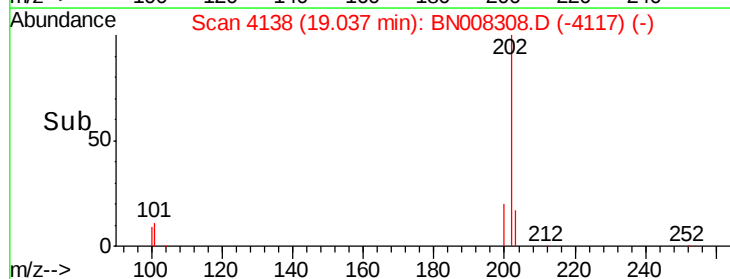
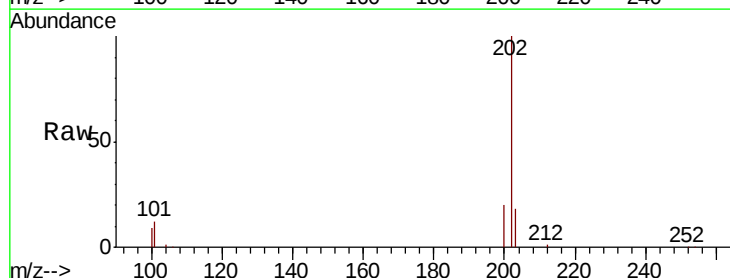
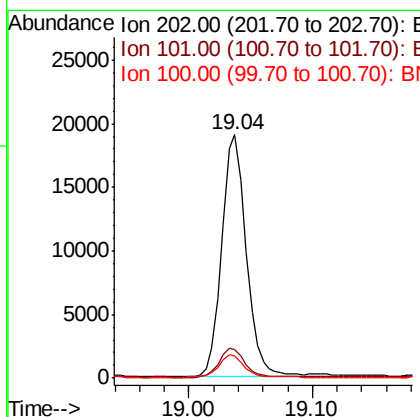
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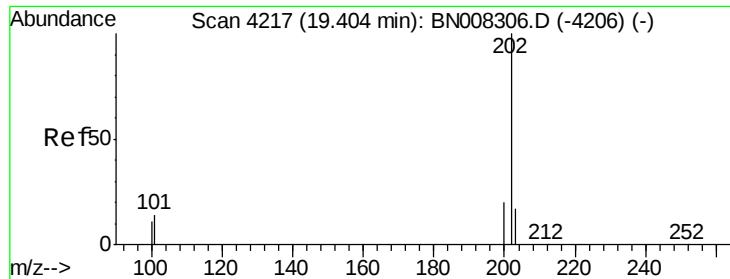
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#15
 Fluoranthene
 Concen: 0.497 ng/ul
 RT: 19.04 min Scan# 4138
 Delta R.T. -0.00 min
 Lab File: BN008308.D
 Acq: 22 Oct 2019 10:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.2
100	8.9	0.0	28.5





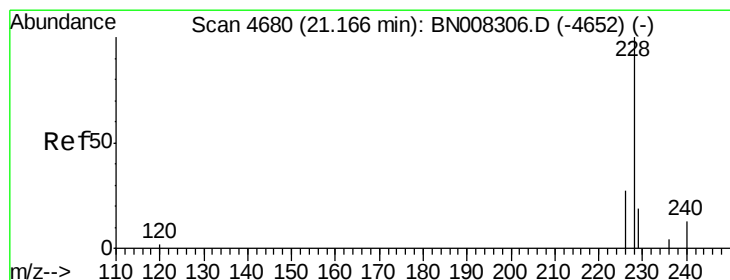
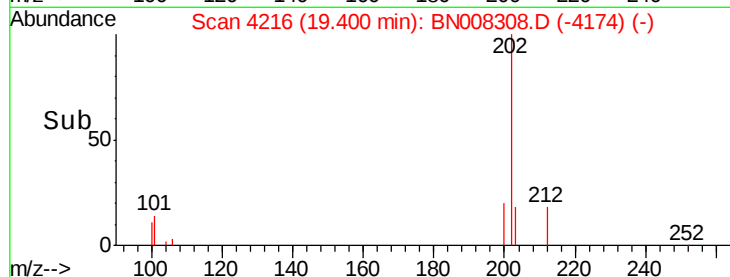
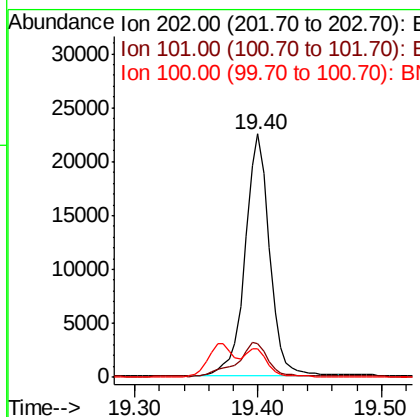
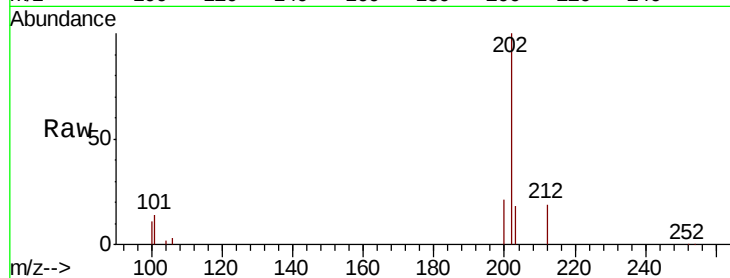
#17
Pvrene
Concen: 0.575 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008308.D
Acq: 22 Oct 2019 10:39

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.0	10.9	16.3
100	11.5	8.7	13.1

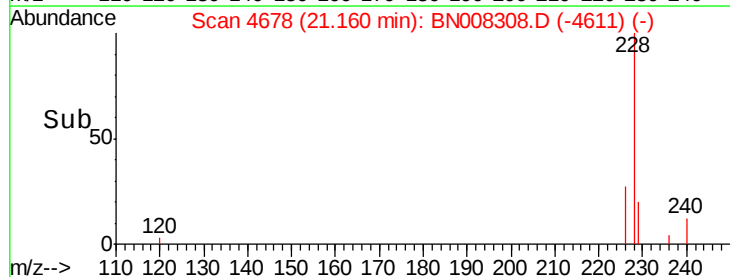
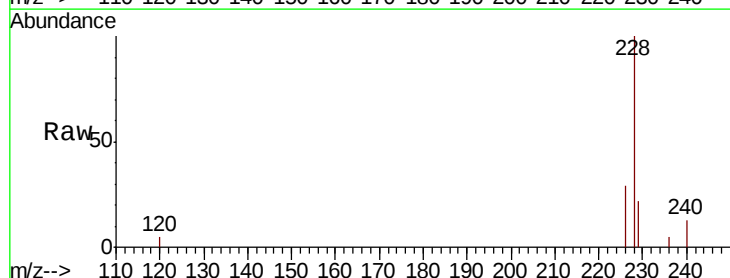
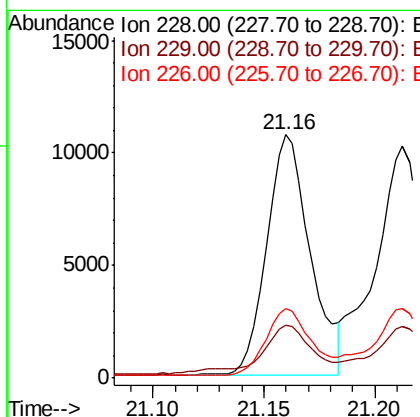
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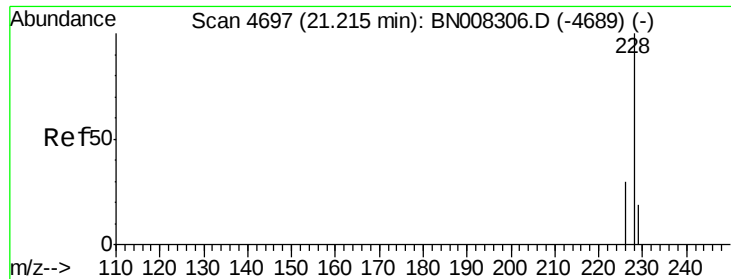
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#18
Benzo(a)anthracene
Concen: 0.294 ng/ul
RT: 21.16 min Scan# 4678
Delta R.T. -0.01 min
Lab File: BN008308.D
Acq: 22 Oct 2019 10:39

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.9	16.2	24.2
226	28.5	21.4	32.0





#19

Chrysene

Concen: 0.272 ng/ul

RT: 21.21 min Scan# 4696

Delta R.T. -0.00 min

Lab File: BN008308.D

Acq: 22 Oct 2019 10:39

Instrument :

BNA_N

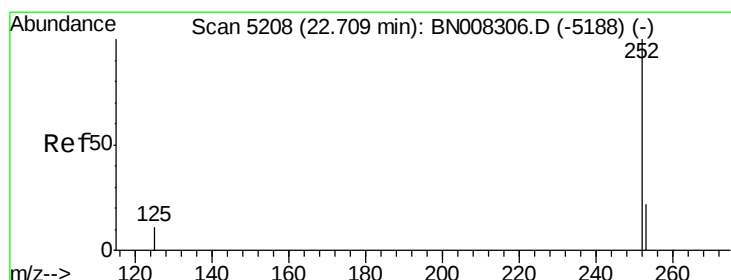
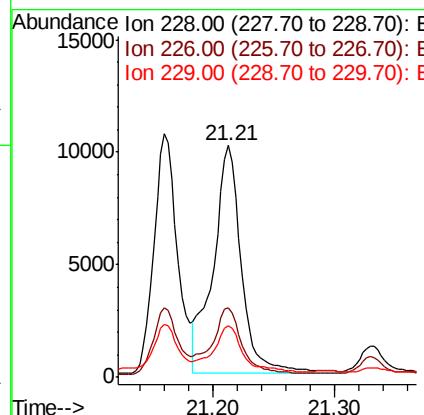
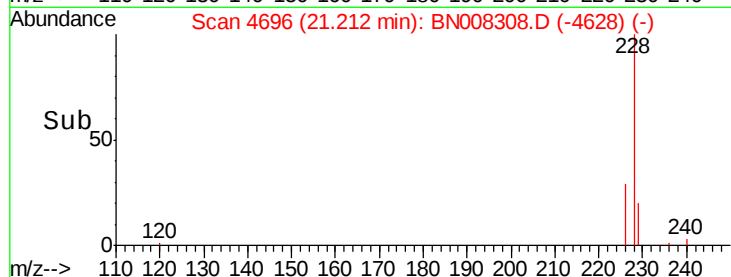
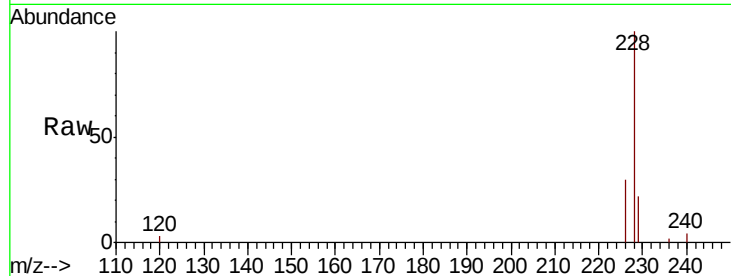
ClientSampleId :

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Tot Ion:	228	Resp:	16418
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.1	36.1
229	22.0	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 0.332 ng/ul m

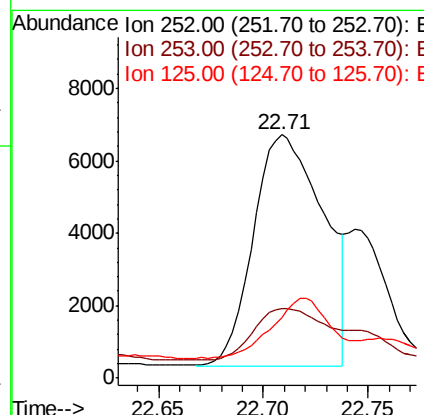
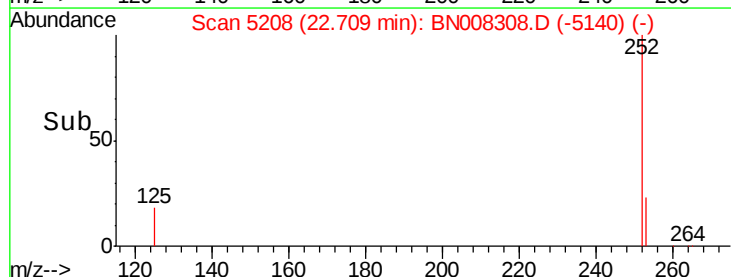
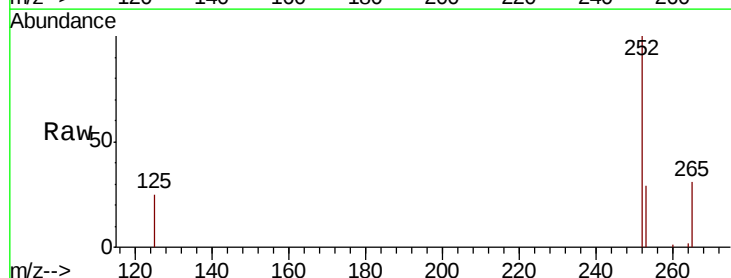
RT: 22.71 min Scan# 5208

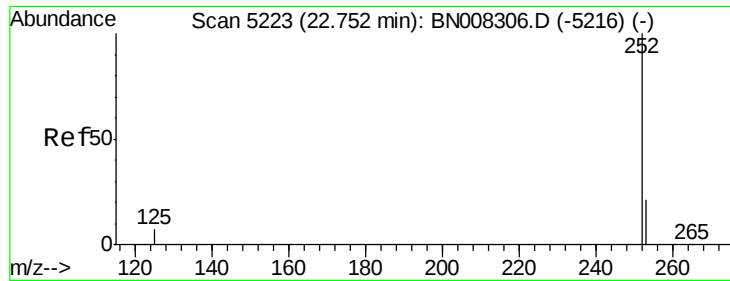
Delta R.T. 0.00 min

Lab File: BN008308.D

Acq: 22 Oct 2019 10:39

Tgt Ion:	252	Resp:	14947
Ion Ratio	Lower	Upper	
252	100		
253	28.6	0.0	53.4
125	25.1	0.0	32.4





#22

Benzo(k)fluoranthene

Concen: 0.104 ng/ul m

RT: 22.74 min Scan# 5220

Delta R.T. -0.01 min

Lab File: BN008308.D

Acq: 22 Oct 2019 10:39

Instrument :

BNA_N

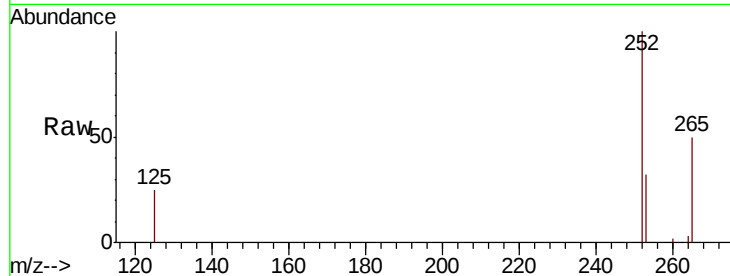
ClientSampleId :

BEP74DL

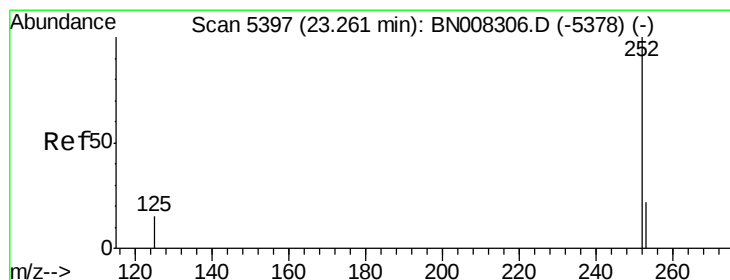
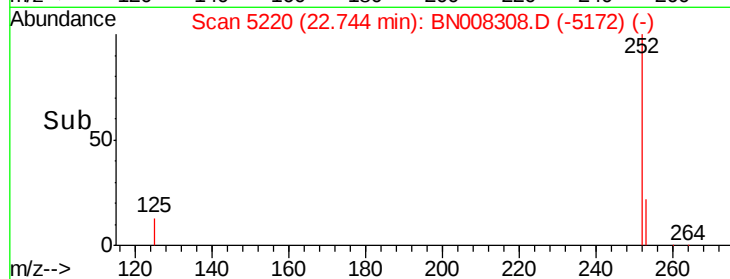
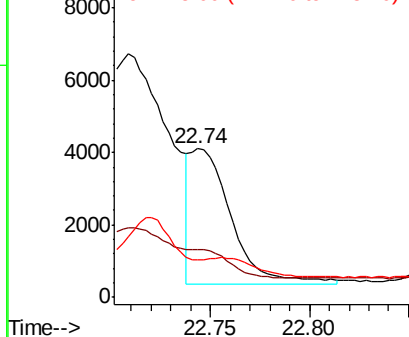
Tot Ion:	252	Resp:	5311
Ion Ratio	Lower	Upper	
252	100		
253	32.3	21.3	31.9#
125	25.2	12.3	18.5#

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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: 0.228 ng/ul

RT: 23.26 min Scan# 5395

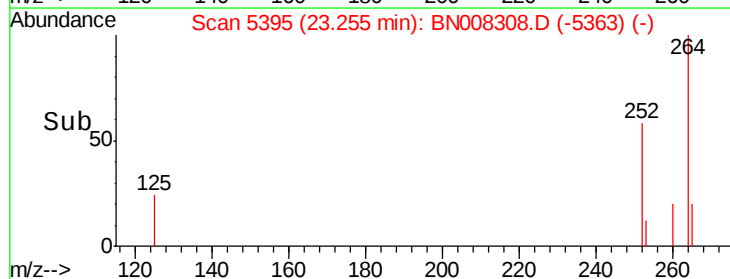
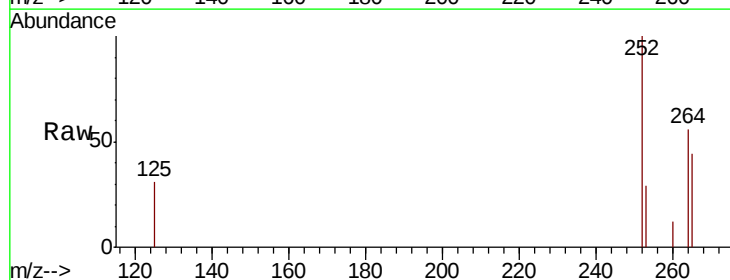
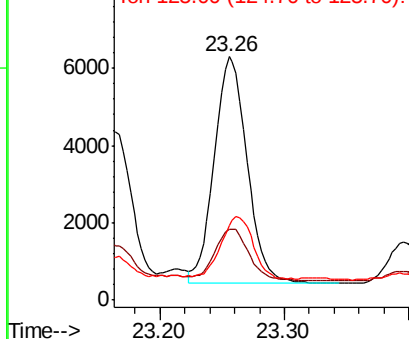
Delta R.T. -0.01 min

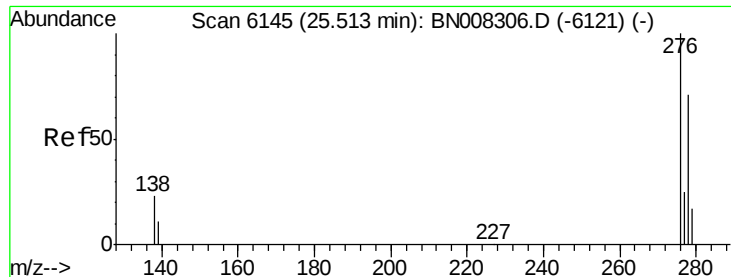
Lab File: BN008308.D

Acq: 22 Oct 2019 10:39

Tgt Ion:	252	Resp:	10785
Ion Ratio	Lower	Upper	
252	100		
253	29.2	22.8	34.2
125	30.7	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





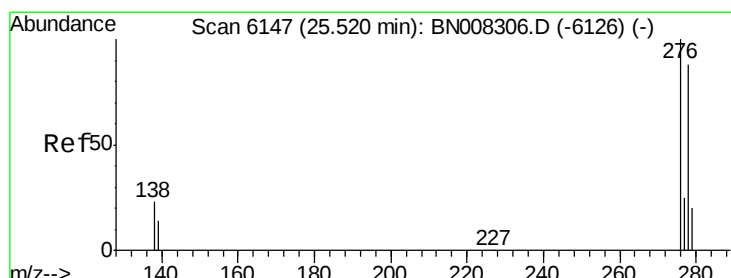
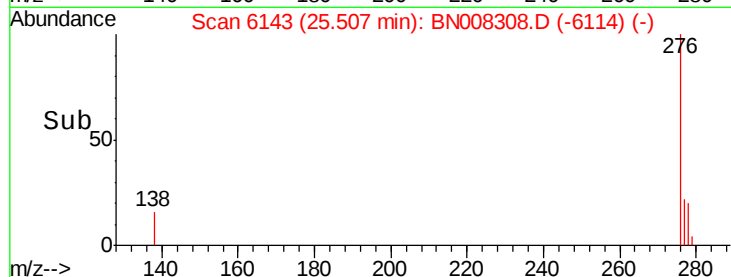
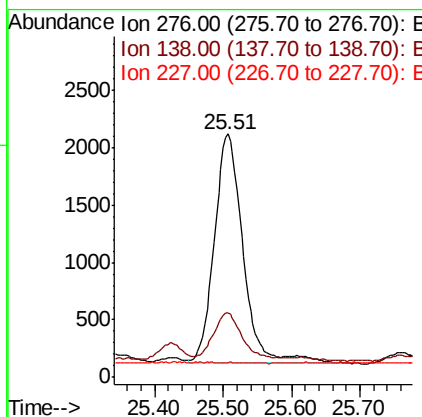
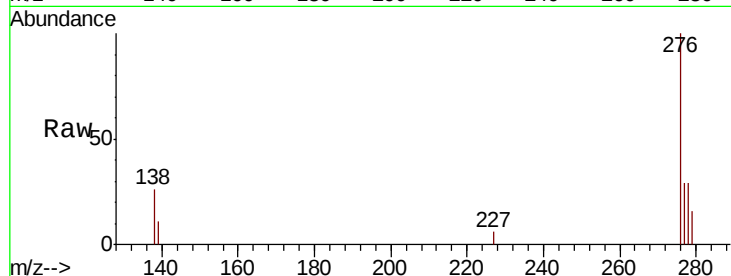
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.104 ng/ul
 RT: 25.51 min Scan# 6143
 Delta R.T. -0.00 min
 Lab File: BN008308.D
 Acq: 22 Oct 2019 10:39

Instrument :
 BNA_N
 ClientSampleId :
 BEP74DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.0	16.1	24.1
227	0.1	0.2	0.2#

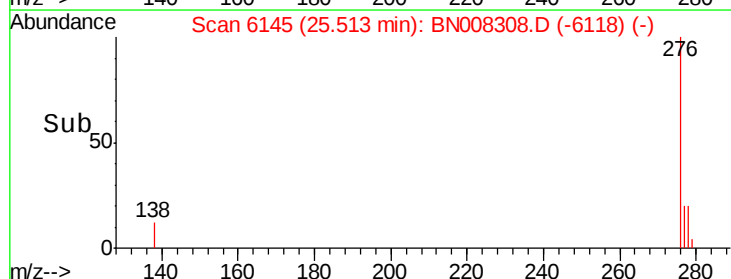
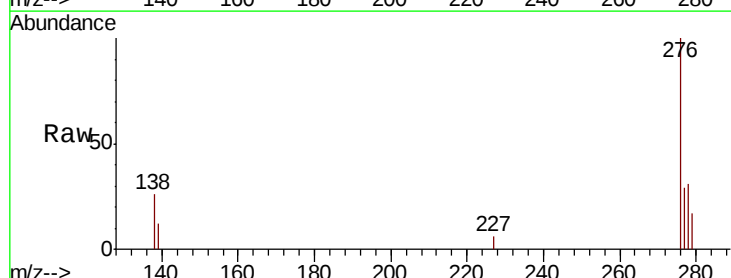
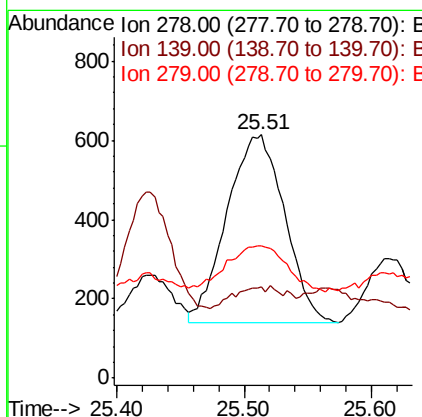
Manual Integrations
 APPROVED

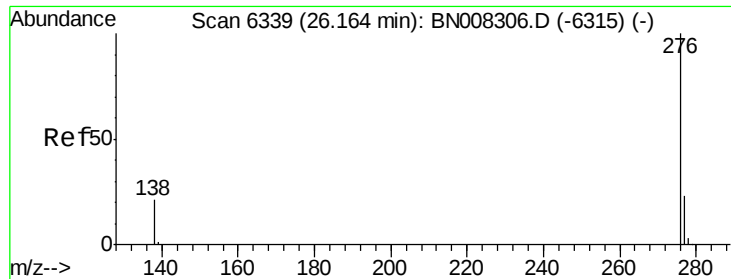
mohammad
 10/23/2019 8:06:19 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.034 ng/ul
 RT: 25.51 min Scan# 6145
 Delta R.T. -0.01 min
 Lab File: BN008308.D
 Acq: 22 Oct 2019 10:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	37.6	15.0	22.6#
279	54.6	22.4	33.6#





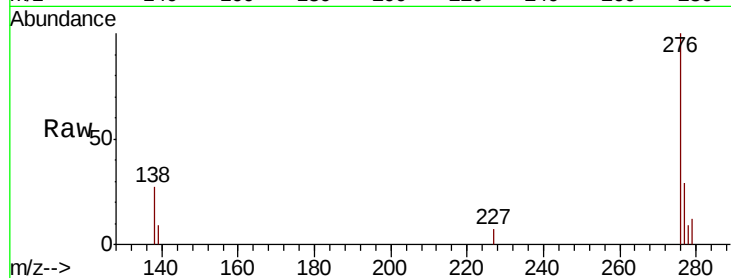
#26
 Benzo(a,h,i)perylene
 Concen: 0.101 ng/ul
 RT: 26.16 min Scan# 6339
 Delta R.T. -0.00 min
 Lab File: BN008308.D
 Acq: 22 Oct 2019 10:39

Instrument :
 BNA_N
 ClientSampleId :
 BEP74DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.6	17.0	25.4#
277	29.2	20.4	30.6

Manual Integrations
 APPROVED

mohammad
 10/23/2019 8:06:19 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

