

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008319.D
 Acq On : 22 Oct 2019 17:46
 Operator : JU
 Sample : K5199-20DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPH0DL

Manual Integrations
 APPROVED

mohammad
 10/24/2019 8:05:15 AM

Quant Time: Oct 23 01:46:26 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 : Mon Oct 21 23:58:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2316	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	11345	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	7251	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	16198	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	16297	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	16130	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2234	0.12	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	7559	0.14	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.39	128	3124	0.097	ng/ul	95
5) 2-Methylnaphthalene	12.02	142	1480	0.067	ng/ul	99
7) Acenaphthylene	13.94	152	9964	0.289	ng/ul	97
8) Acenaphthene	14.28	153	4658	0.173	ng/ul	98
9) Fluorene	15.27	166	6313	0.207	ng/ul	97
12) Phenanthrene	17.01	178	132663	2.797	ng/ul	99
13) Anthracene	17.10	178	26687	0.639	ng/ul	99
15) Fluoranthene	19.04	202	311907	4.980	ng/ul	100
17) Pyrene	19.40	202	290052	4.470	ng/ul	98
18) Benzo(a)anthracene	21.16	228	175574	2.963	ng/ul	97
19) Chrysene	21.21	228	185819	2.556	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	225782m	4.300	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	73145m	1.230	ng/ul	
23) Benzo(a)pyrene	23.26	252	155818	2.820	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	25.50	276	92299	1.418	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.51	278	24418	0.475	ng/ul	96
26) Benzo(a,h,i)perylene	26.16	276	69675	1.168	ng/ul	98

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

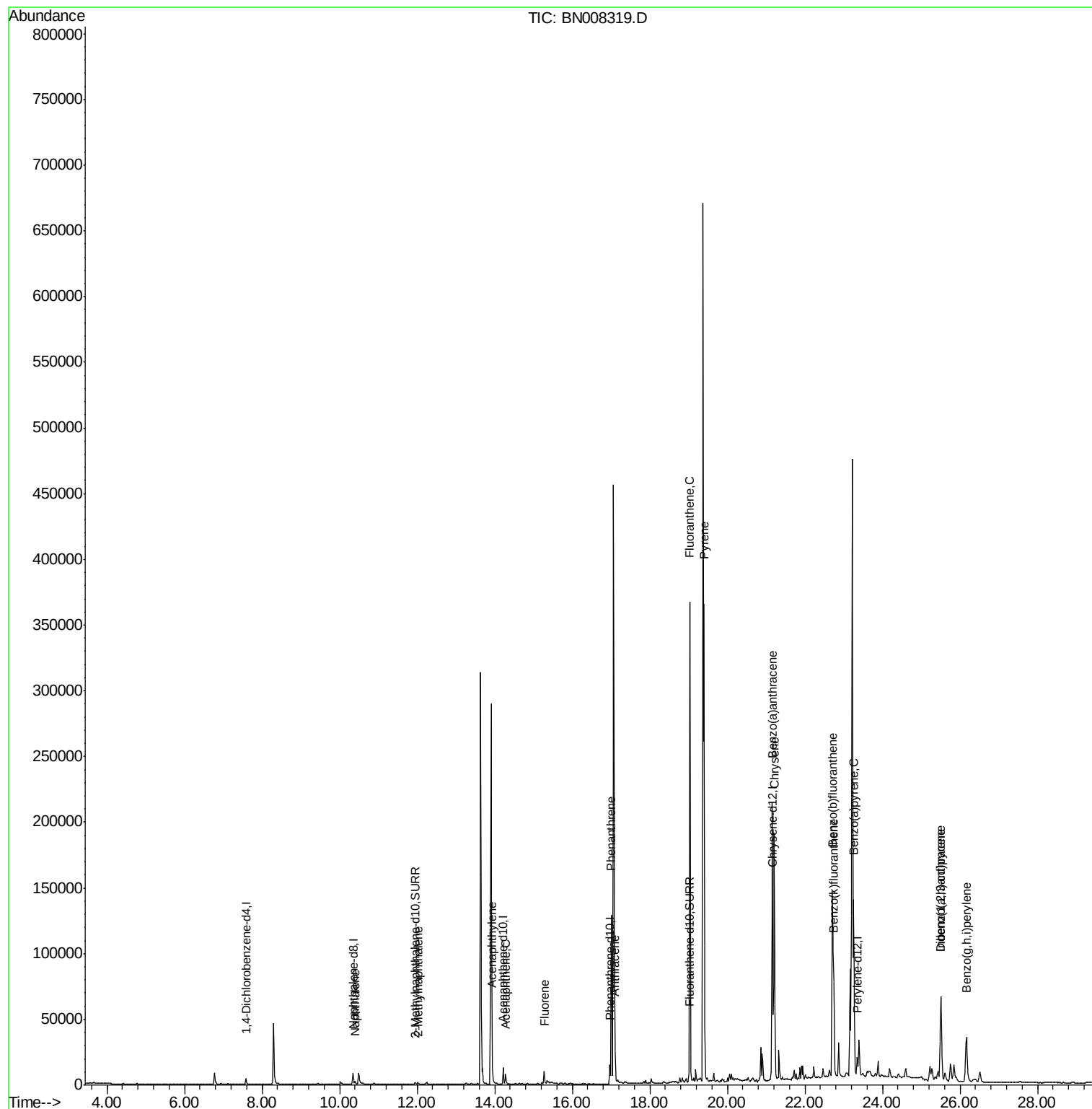
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008319.D
Acq On : 22 Oct 2019 17:46
Operator : JU
Sample : K5199-20DL 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

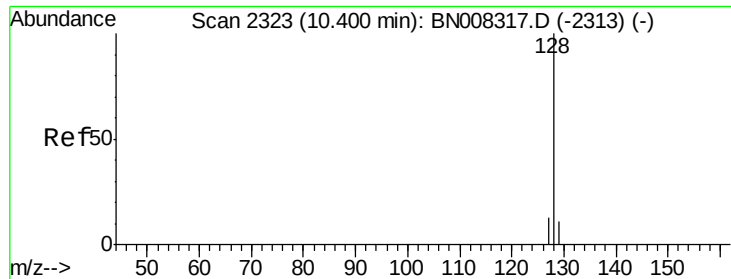
Instrument :
BNA_N
ClientSampleId :
BEPH0DL

Manual Integrations
APPROVED

mohammad
10/24/2019 8:05:15 AM

Quant Time: Oct 23 01:46:26 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 : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.097 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BN008319.D

Acq: 22 Oct 2019 17:46

Instrument :

BNA_N

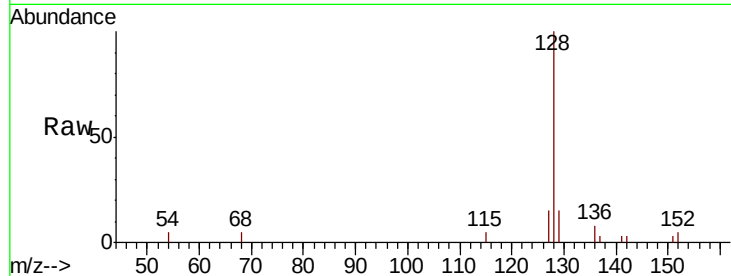
ClientSampleId :

BEPH0DL

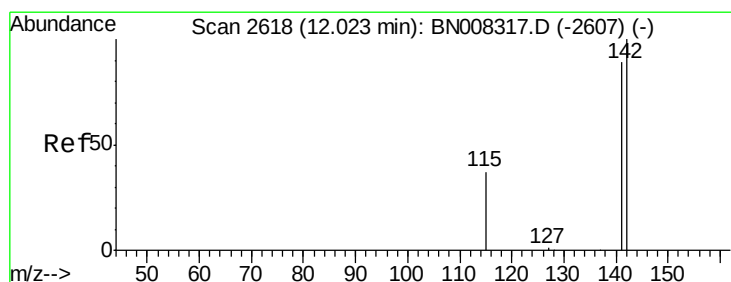
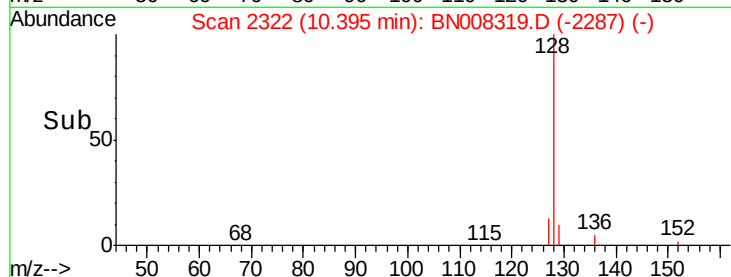
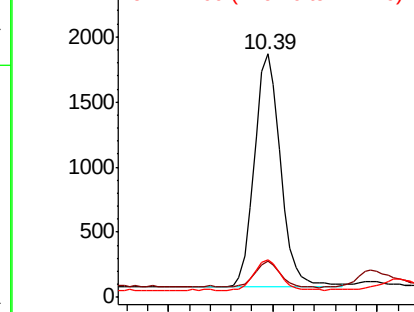
Tot Ion:	128	Resp:	3124
Ion	Ratio	Lower	Upper
128	100		
129	14.7	9.8	14.8
127	15.4	11.1	16.7

Manual Integrations
APPROVED

mohammad
10/24/2019 8:05:15 AM



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: 0.067 ng/ul

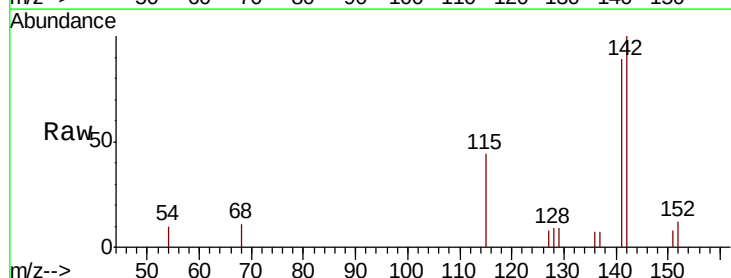
RT: 12.02 min Scan# 2618

Delta R.T. -0.01 min

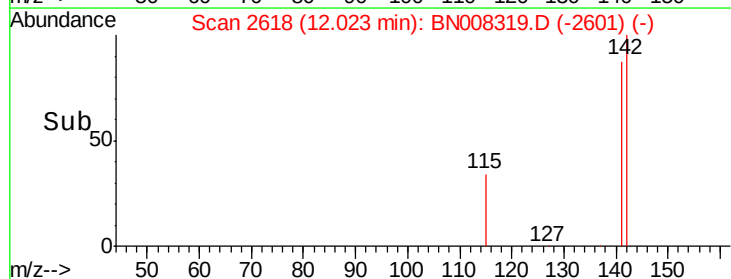
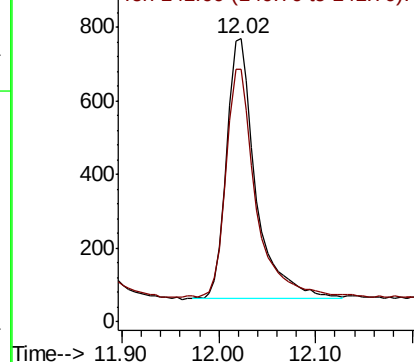
Lab File: BN008319.D

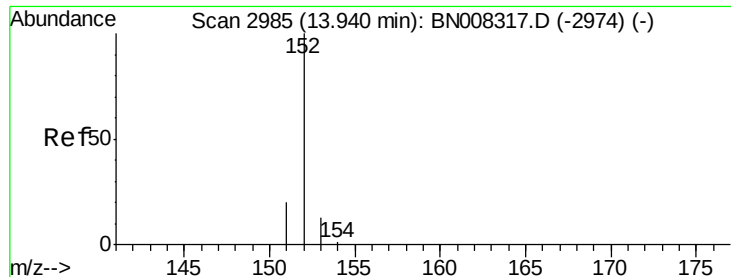
Acq: 22 Oct 2019 17:46

Tgt Ion:	142	Resp:	1480
Ion	Ratio	Lower	Upper
142	100		
141	89.8	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: 0.289 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN008319.D

Acq: 22 Oct 2019 17:46

Instrument :

BNA_N

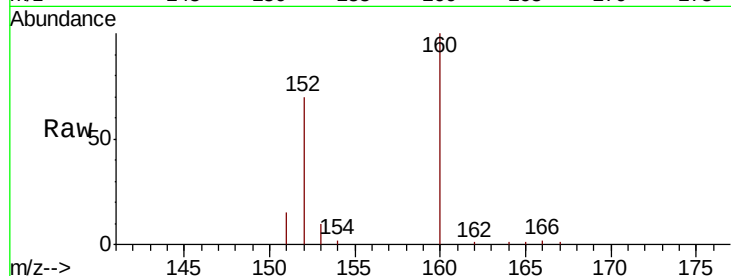
ClientSampleId :

BEPH0DL

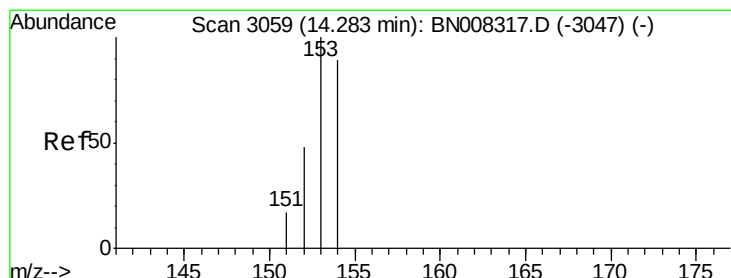
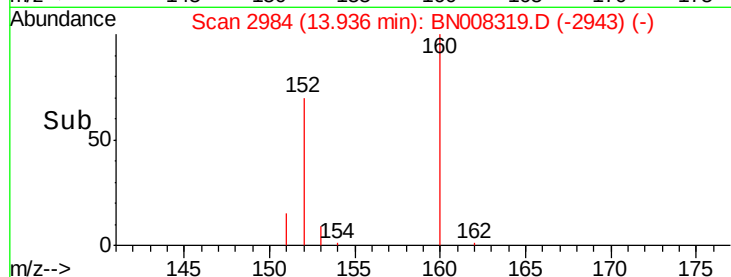
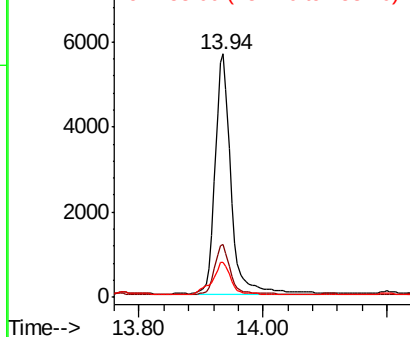
Tot Ion:	152	Resp:	9964
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.2	24.4
153	14.5	11.0	16.4

Manual Integrations
APPROVED

mohammad
10/24/2019 8:05:15 AM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.173 ng/ul

RT: 14.28 min Scan# 3058

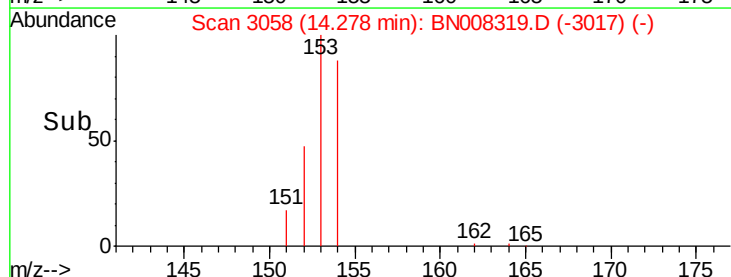
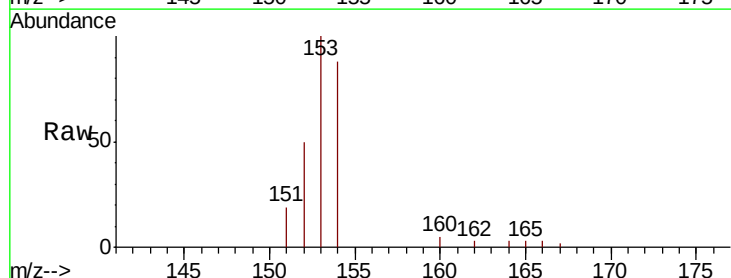
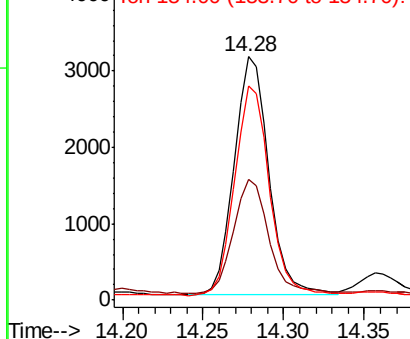
Delta R.T. -0.01 min

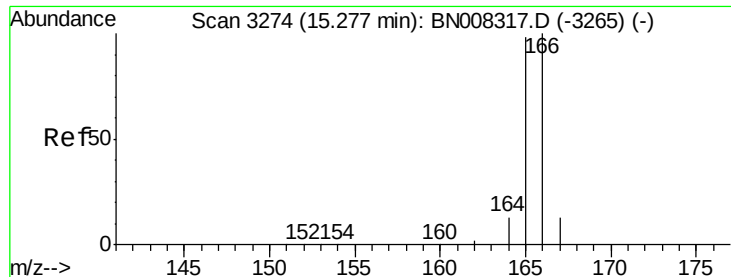
Lab File: BN008319.D

Acq: 22 Oct 2019 17:46

Tgt Ion:	153	Resp:	4658
Ion Ratio	Lower	Upper	
153	100		
152	49.7	38.2	57.2
154	87.9	71.8	107.8

Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.207 ng/ul

RT: 15.27 min Scan# 3273

Delta R.T. -0.01 min

Lab File: BN008319.D

Acq: 22 Oct 2019 17:46

Instrument :

BNA_N

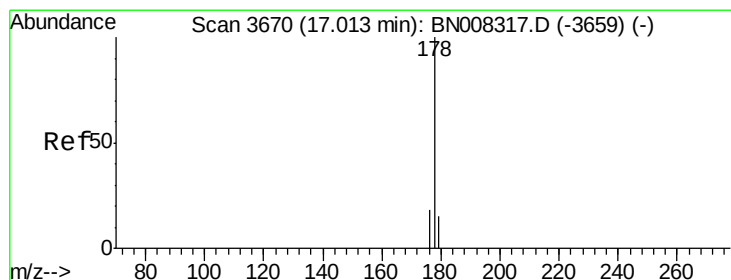
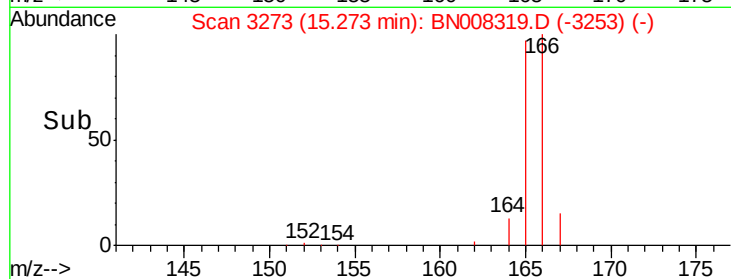
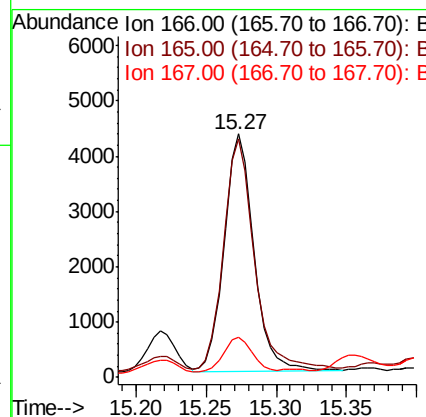
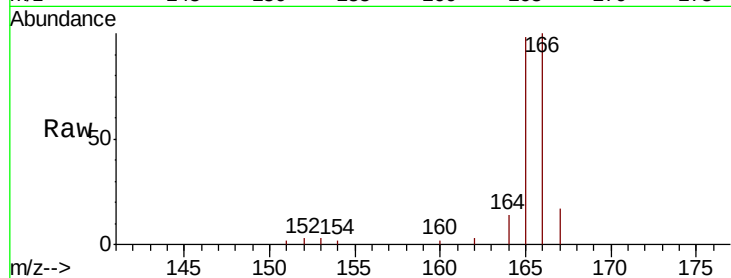
ClientSampleId :

BEPH0DL

Tot Ion:	166	Resp:	6313
Ion	Ratio	Lower	Upper
166	100		
165	98.0	76.6	115.0
167	16.6	11.7	17.5

Manual Integrations
APPROVED

mohammad
10/24/2019 8:05:15 AM



#12

Phenanthrene

Concen: 2.797 ng/ul

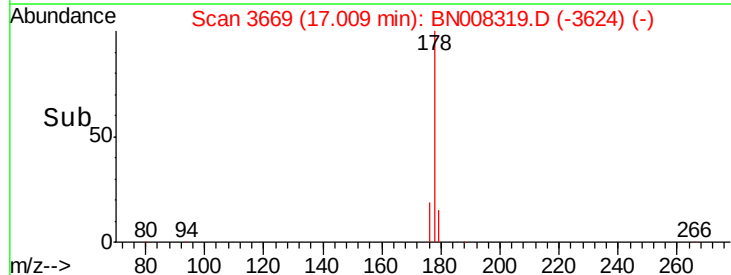
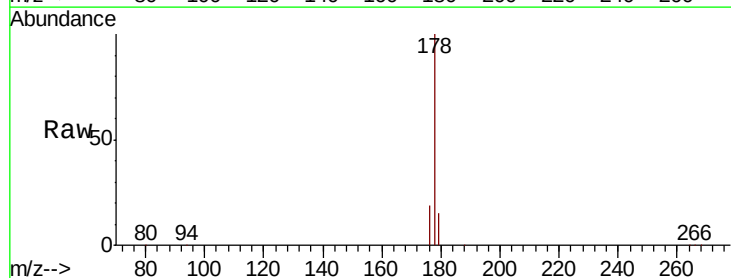
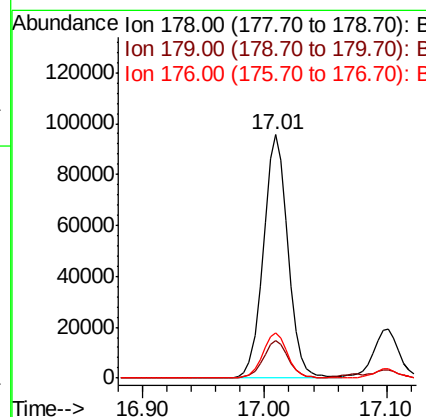
RT: 17.01 min Scan# 3669

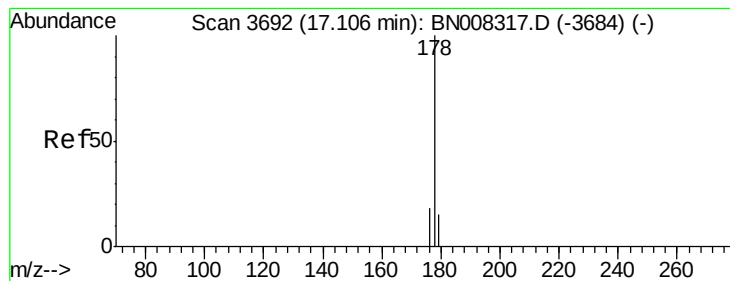
Delta R.T. -0.01 min

Lab File: BN008319.D

Acq: 22 Oct 2019 17:46

Tgt Ion:	178	Resp:	132663
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	18.8	15.4	23.2





#13

Anthracene

Concen: 0.639 ng/ul

RT: 17.10 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BN008319.D

Acq: 22 Oct 2019 17:46

Instrument :

BNA_N

ClientSampleId :

BEPH0DL

Tot Ion:178 Resp: 26687

Ion Ratio Lower Upper

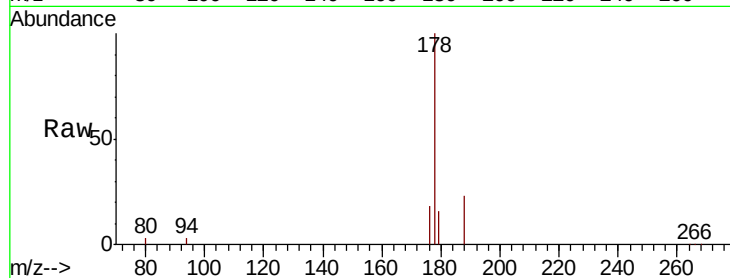
178 100

179 16.2 13.0 19.6

176 18.2 15.0 22.6

Manual Integrations
APPROVED

mohammad
10/24/2019 8:05:15 AM

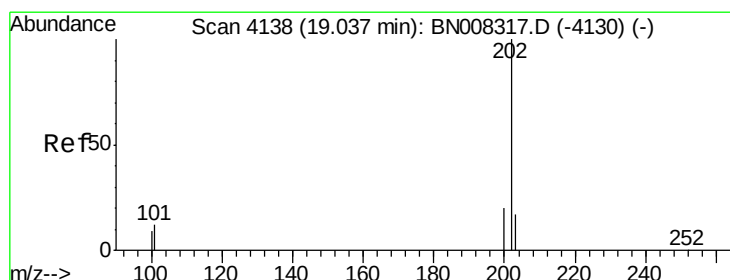
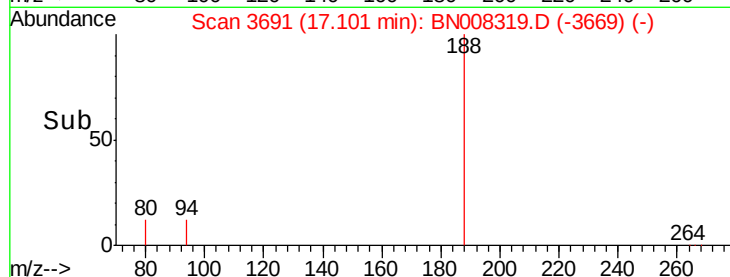
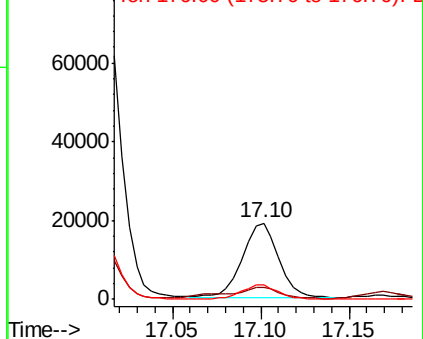


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 4.980 ng/ul

RT: 19.04 min Scan# 4138

Delta R.T. -0.00 min

Lab File: BN008319.D

Acq: 22 Oct 2019 17:46

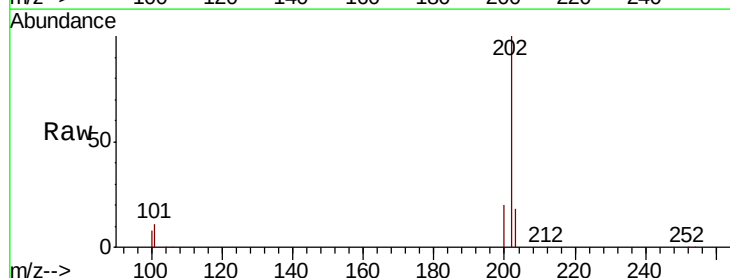
Tgt Ion:202 Resp: 311907

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.2

100 8.4 0.0 28.5

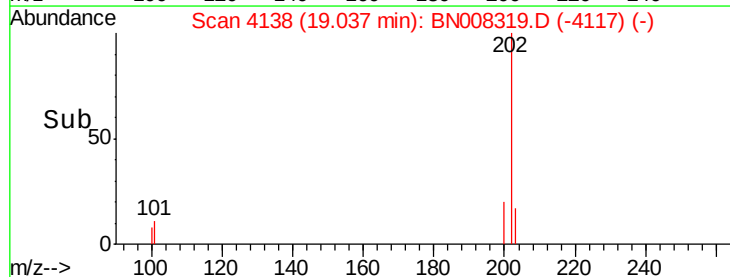
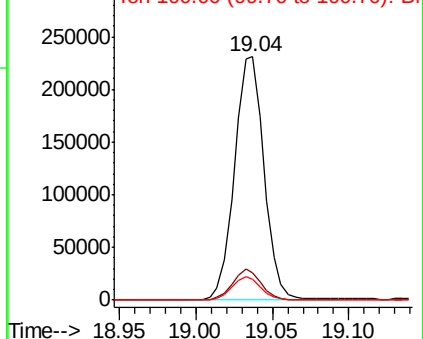


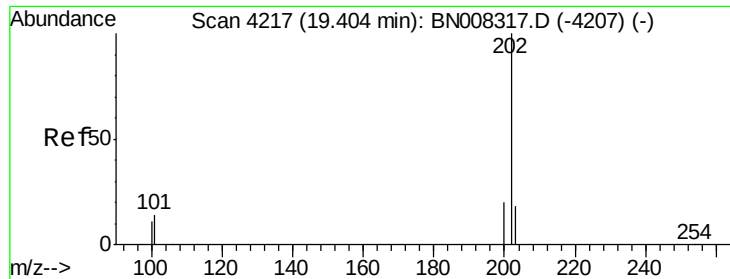
Abundance

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





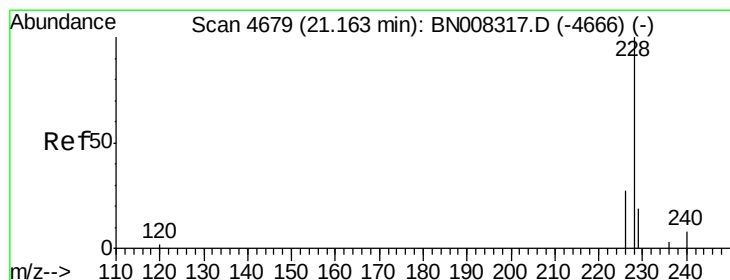
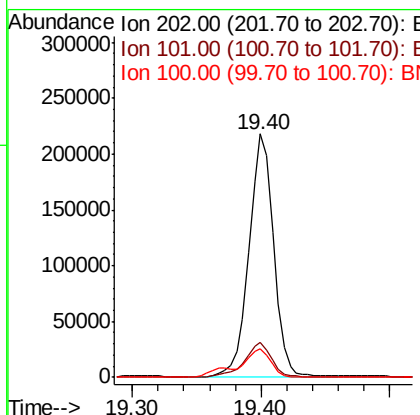
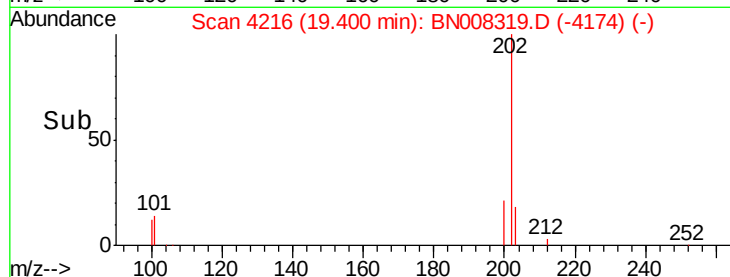
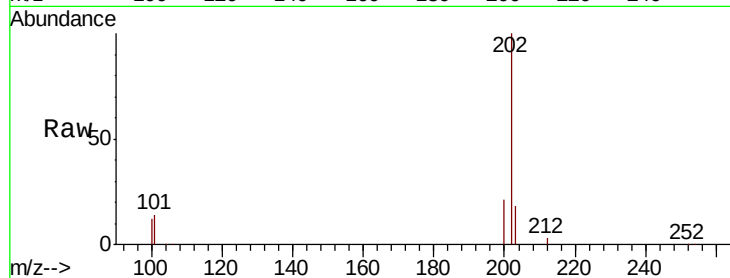
#17
Pvrene
Concen: 4.470 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008319.D
Acq: 22 Oct 2019 17:46

Instrument :
BNA_N
ClientSampled :
BEPHODL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.1	10.9	16.3
100	11.6	8.7	13.1

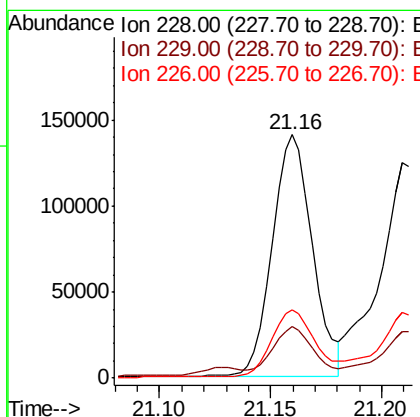
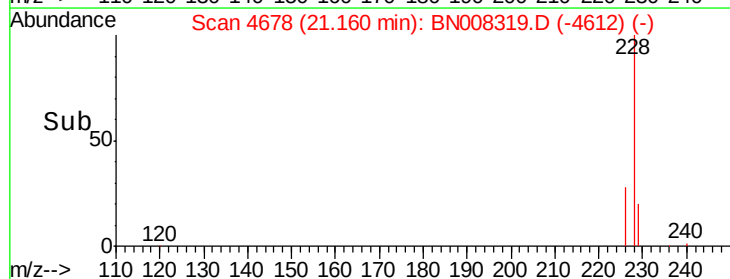
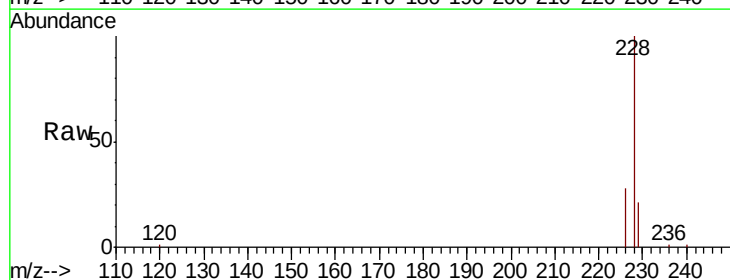
Manual Integrations
APPROVED

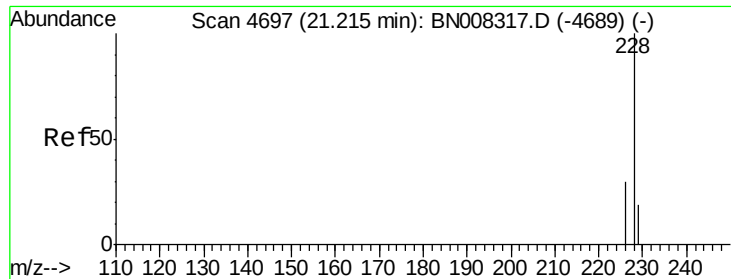
mohammad
10/24/2019 8:05:15 AM



#18
Benzo(a)anthracene
Concen: 2.963 ng/ul
RT: 21.16 min Scan# 4678
Delta R.T. -0.01 min
Lab File: BN008319.D
Acq: 22 Oct 2019 17:46

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.0	16.2	24.2
226	28.3	21.4	32.0





#19

Chrysene

Concen: 2.556 ng/ul

RT: 21.21 min Scan# 4695

Delta R.T. -0.01 min

Lab File: BN008319.D

Acq: 22 Oct 2019 17:46

Instrument :

BNA_N

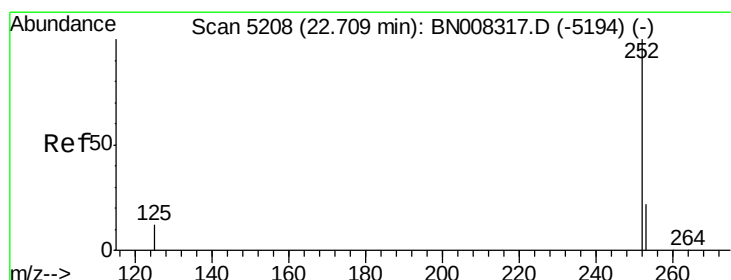
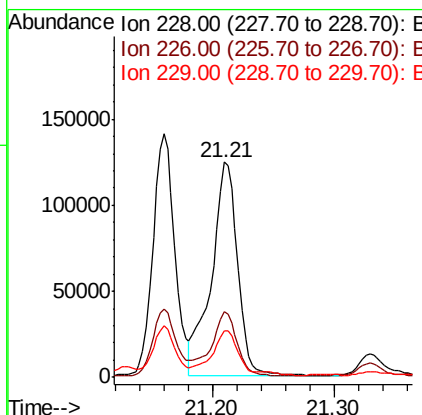
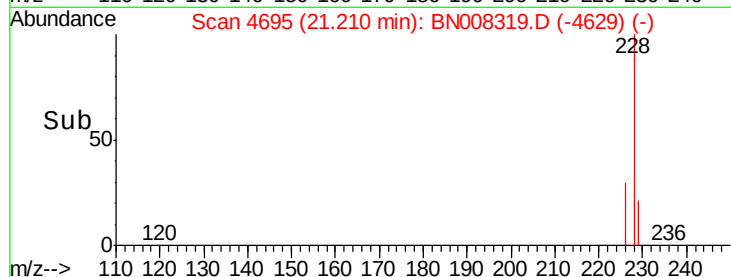
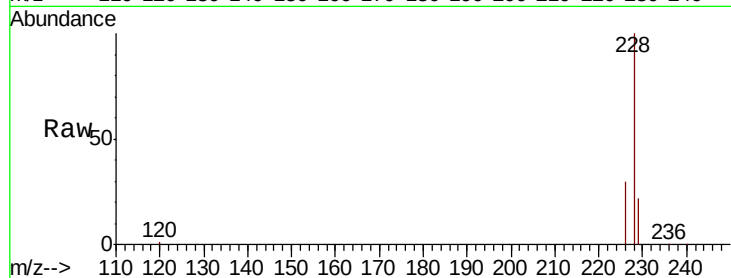
ClientSampleId :

BEPH0DL

Tot Ion:	228	Resp:	185819
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.1	36.1
229	21.6	16.2	24.2

Manual Integrations
APPROVED

mohammad
10/24/2019 8:05:15 AM



#21

Benzo(b)fluoranthene

Concen: 4.300 ng/ul m

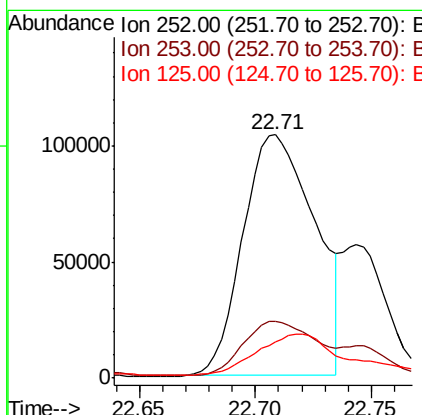
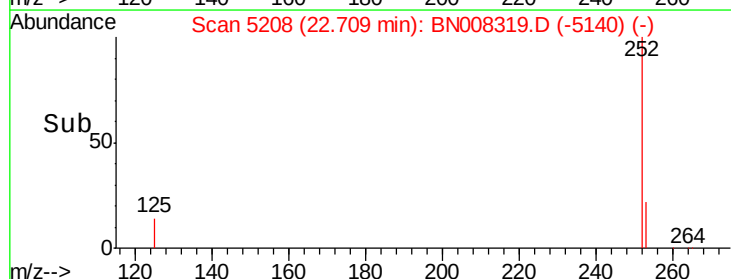
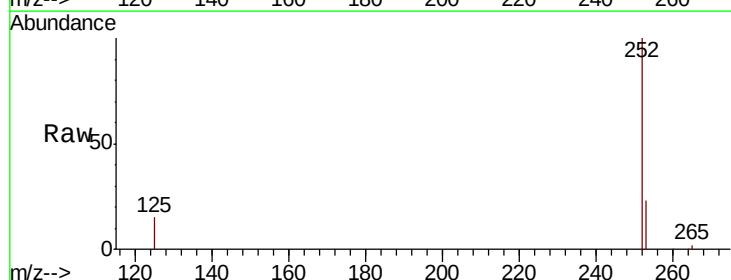
RT: 22.71 min Scan# 5208

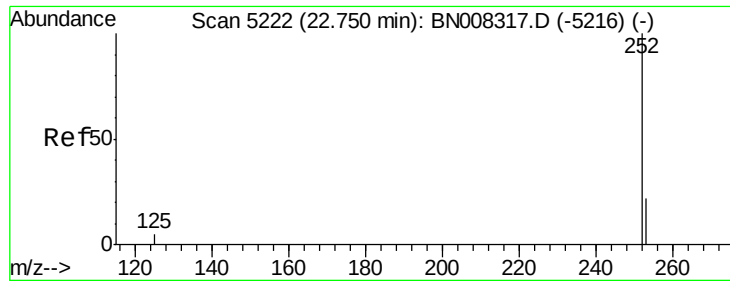
Delta R.T. 0.00 min

Lab File: BN008319.D

Acq: 22 Oct 2019 17:46

Tgt Ion:	252	Resp:	225782
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	53.4
125	14.8	0.0	32.4





#22

Benzo(k)fluoranthene

Concen: 1.230 ng/ul m

RT: 22.74 min Scan# 5220

Delta R.T. -0.01 min

Lab File: BN008319.D

Acq: 22 Oct 2019 17:46

Instrument :

BNA_N

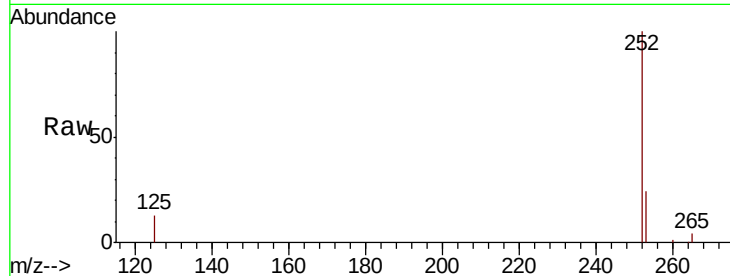
ClientSampled :

BEPH0DL

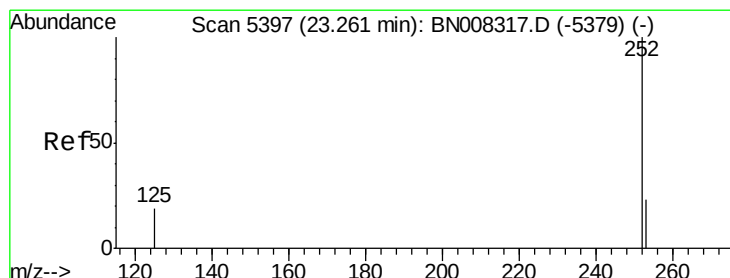
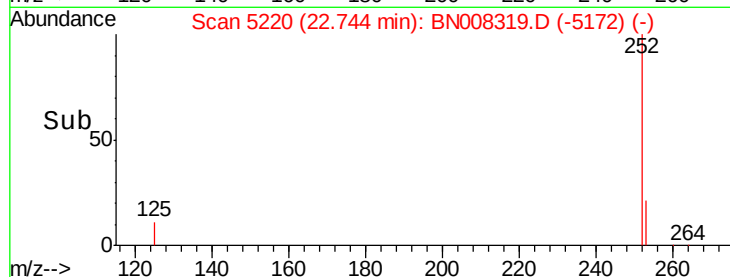
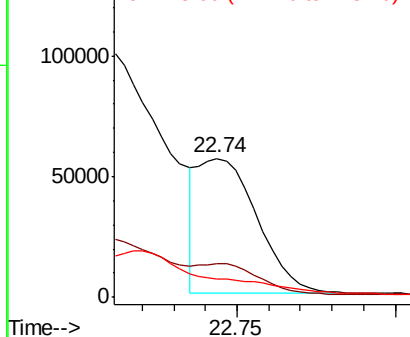
Tot Ion:	252	Resp:	73145
Ion Ratio	Lower	Upper	
252	100		
253	23.8	21.3	31.9
125	13.3	12.3	18.5

Manual Integrations
APPROVED

mohammad
10/24/2019 8:05:15 AM



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: 2.820 ng/ul

RT: 23.26 min Scan# 5396

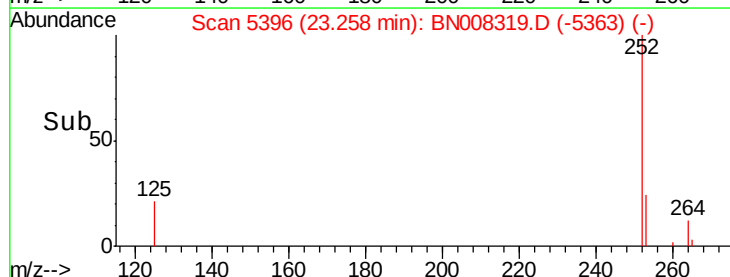
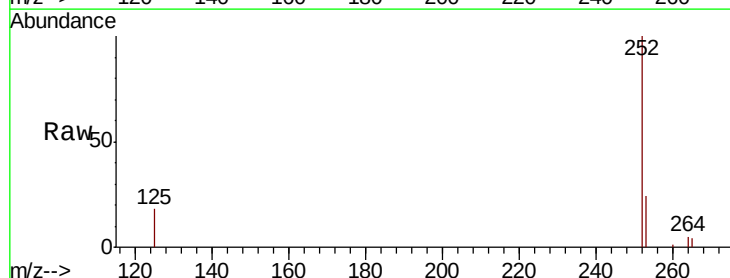
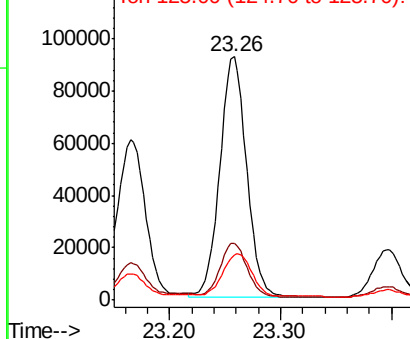
Delta R.T. -0.00 min

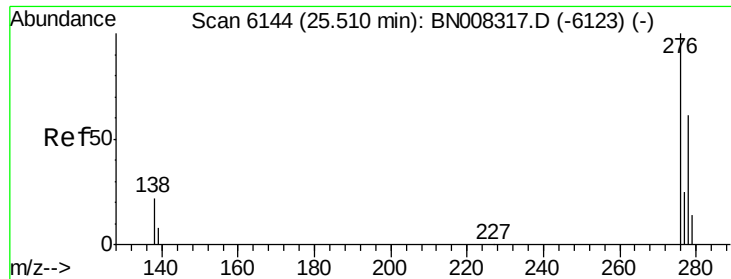
Lab File: BN008319.D

Acq: 22 Oct 2019 17:46

Tgt Ion:	252	Resp:	155818
Ion Ratio	Lower	Upper	
252	100		
253	23.5	22.8	34.2
125	18.4	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





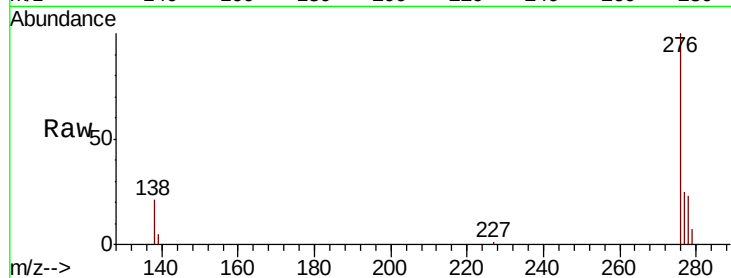
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 1.418 ng/ul
 RT: 25.50 min Scan# 6142
 Delta R.T. -0.01 min
 Lab File: BN008319.D
 Acq: 22 Oct 2019 17:46

Instrument :
 BNA_N
 ClientSampleId :
 BEPH0DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.1	24.1
227	0.1	0.2	0.2

Manual Integrations
 APPROVED

mohammad
 10/24/2019 8:05:15 AM

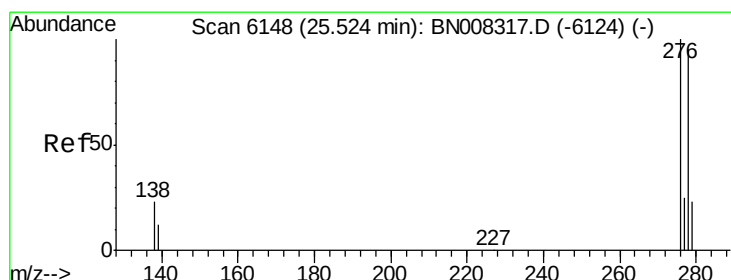
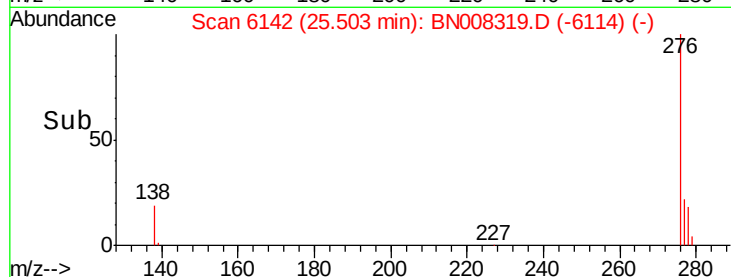
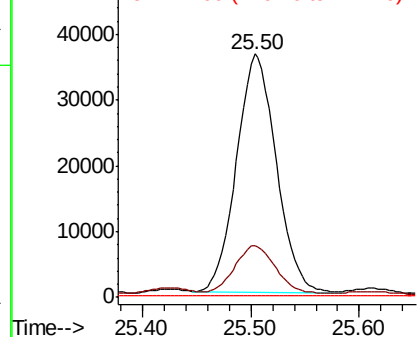


Abundance

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: 0.475 ng/ul
 RT: 25.51 min Scan# 6143
 Delta R.T. -0.02 min
 Lab File: BN008319.D
 Acq: 22 Oct 2019 17:46

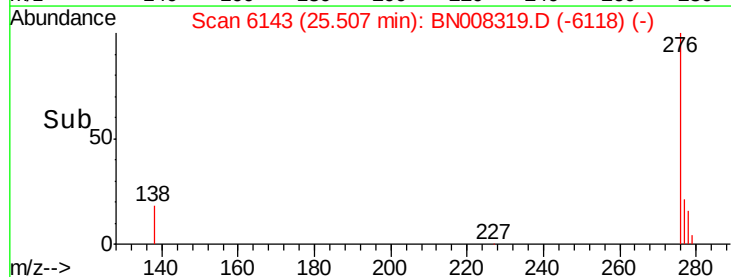
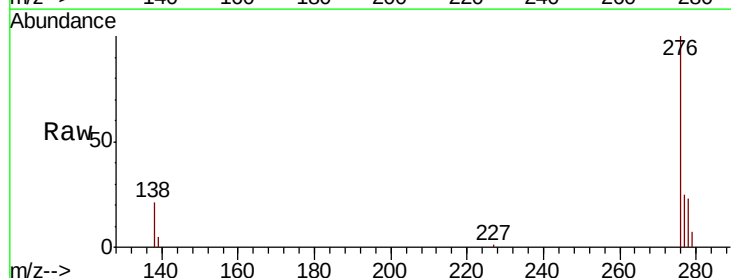
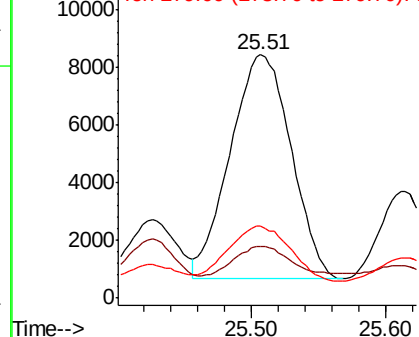
Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	15.0	22.6
279	29.4	22.4	33.6

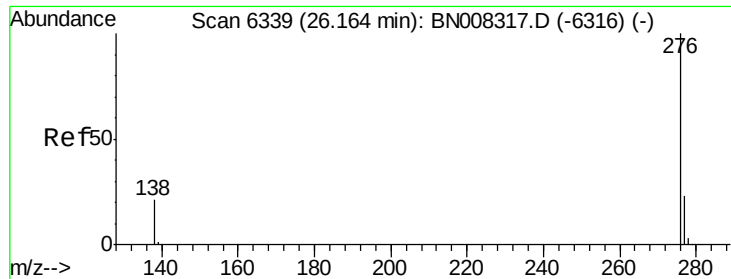
Abundance

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: 1.168 ng/ul
 RT: 26.16 min Scan# 6339
 Delta R.T. -0.00 min
 Lab File: BN008319.D
 Acq: 22 Oct 2019 17:46

Instrument :
 BNA_N
 ClientSampleId :
 BEPH0DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	17.0	25.4
277	24.6	20.4	30.6

Manual Integrations
 APPROVED

mohammad
 10/24/2019 8:05:15 AM

