

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
 Data File : BN008301.D
 Acq On : 22 Oct 2019 02:36
 Operator : JU
 Sample : K5199-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP73

Manual Integrations
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mohammad
 10/22/2019 3:28:13 PM

Quant Time: Oct 22 03:54:22 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	1913	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	8857	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5640	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11877m	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	9730	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	8627	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	4257	0.28	ng/ul	-0.01
14) Fluoranthene-d10	19.01	212	11574	0.28	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.39	128	22339	0.886	ng/ul	99
5) 2-Methylnaphthalene	12.02	142	11946	0.691	ng/ul	100
7) Acenaphthylene	13.94	152	40045	1.491	ng/ul	99
8) Acenaphthene	14.28	153	31505	1.508	ng/ul	99
9) Fluorene	15.28	166	40314	1.699	ng/ul	98
11) Pentachlorophenol	16.63	266	718	0.250	ng/ul	97
12) Phenanthrene	17.01	178	769963	22.142	ng/ul	99
13) Anthracene	17.10	178	159592	5.215	ng/ul	99
15) Fluoranthene	19.04	202	1408825	30.676	ng/ul	99
17) Pyrene	19.40	202	1507678	38.916	ng/ul	97
18) Benzo(a)anthracene	21.16	228	791264	22.368	ng/ul	98
19) Chrysene	21.21	228	801677	18.466	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	785436m	27.968	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	225909m	7.101	ng/ul	
23) Benzo(a)pyrene	23.26	252	576878	19.520	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.51	276	322468	9.265	ng/ul	99
25) Dibenzo(a,h)anthracene	25.51	278	91679	3.332	ng/ul	99
26) Benzo(g,h,i)perylene	26.17	276	326727	10.237	ng/ul	99

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

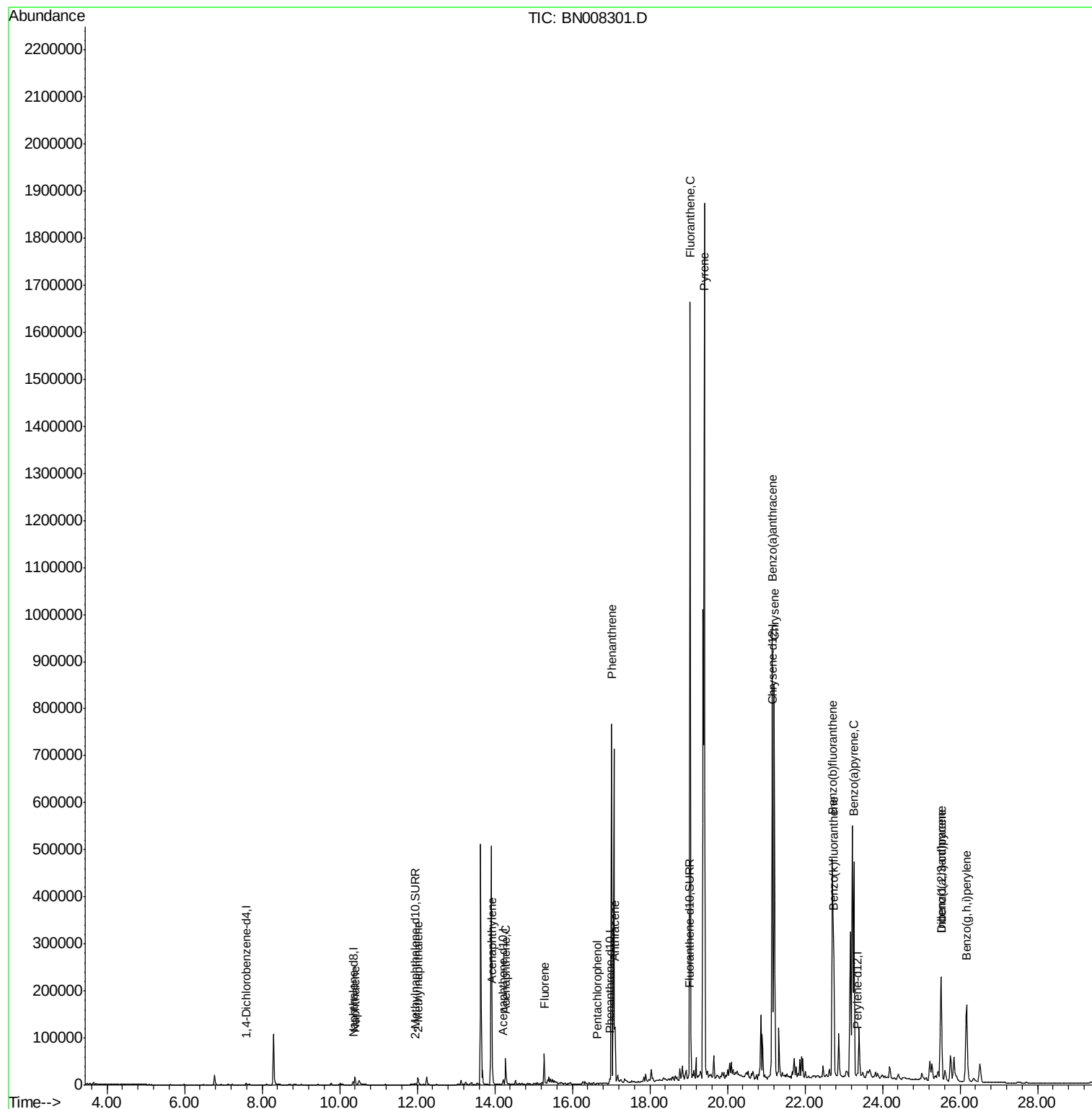
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
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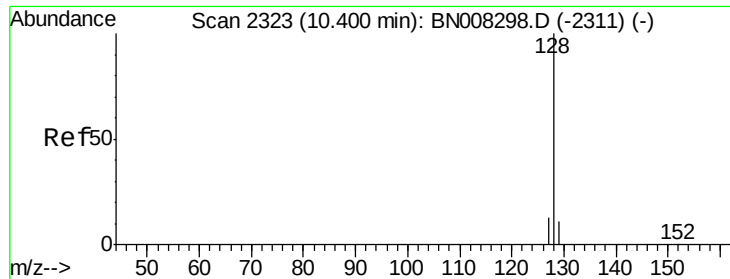
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.886 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BN008301.D

Acq: 22 Oct 2019 02:36

Instrument :

BNA_N

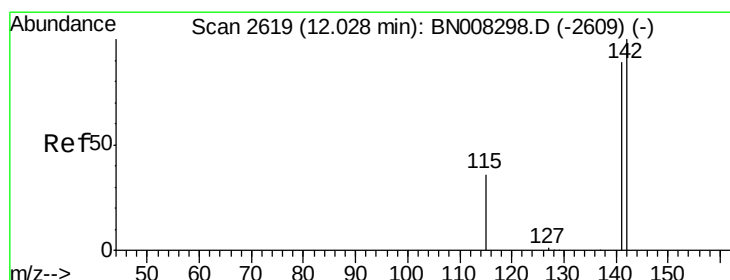
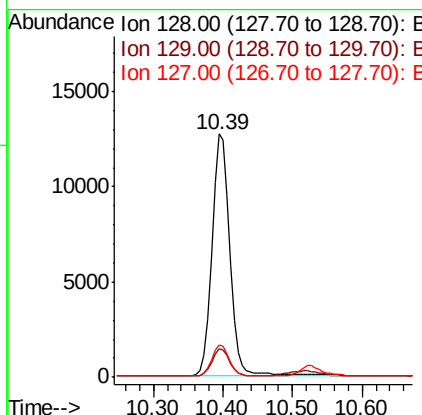
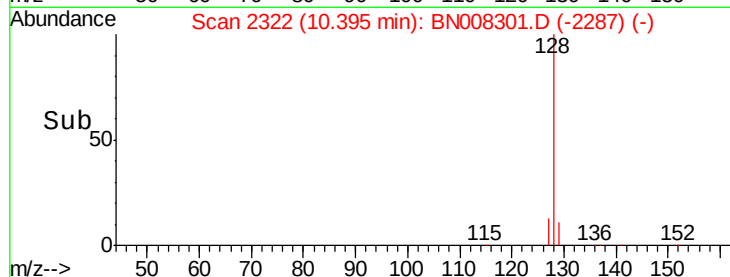
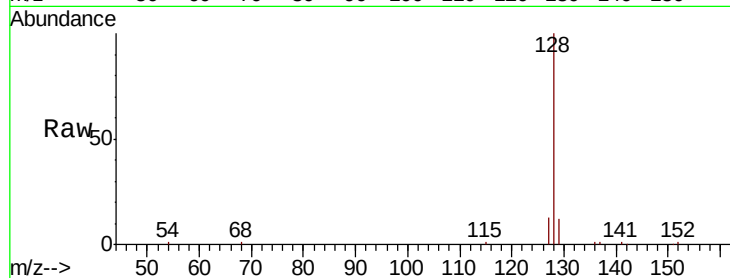
ClientSampleId :

BEP73

Tot Ion:128	Resp:	22339
Ion Ratio	Lower	Upper
128	100	
129	11.6	9.8 14.8
127	13.5	11.1 16.7

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#5

2-Methylnaphthalene

Concen: 0.691 ng/ul

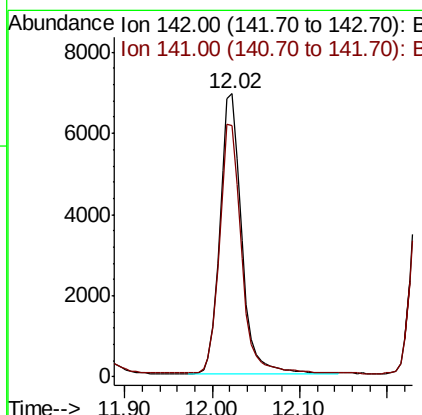
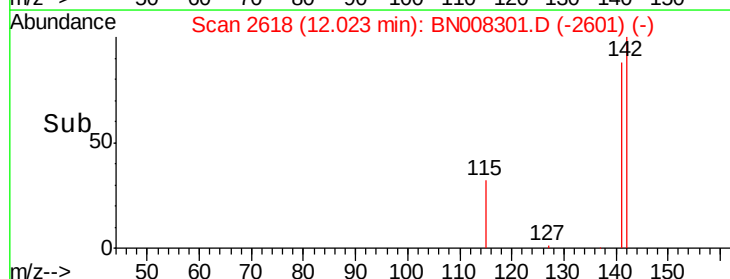
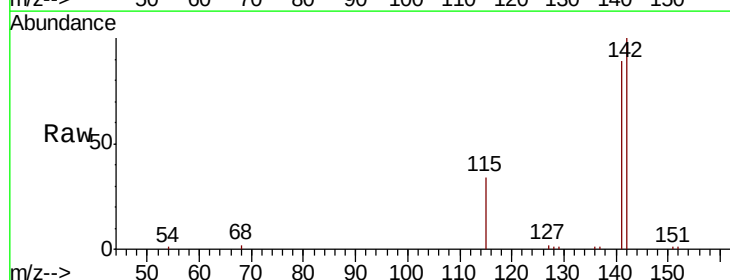
RT: 12.02 min Scan# 2618

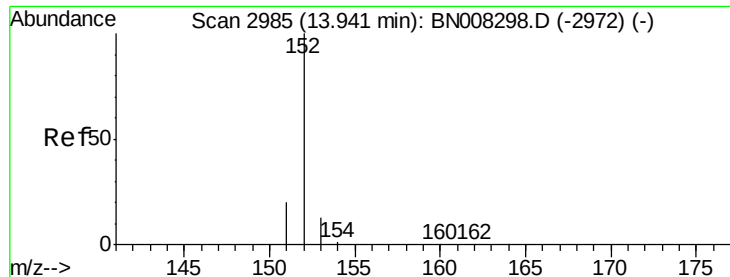
Delta R.T. -0.01 min

Lab File: BN008301.D

Acq: 22 Oct 2019 02:36

Tgt Ion:142	Resp:	11946
Ion Ratio	Lower	Upper
142	100	
141	89.2	71.4 107.2





#7

Acenaphthylene

Concen: 1.491 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN008301.D

Acq: 22 Oct 2019 02:36

Instrument :

BNA_N

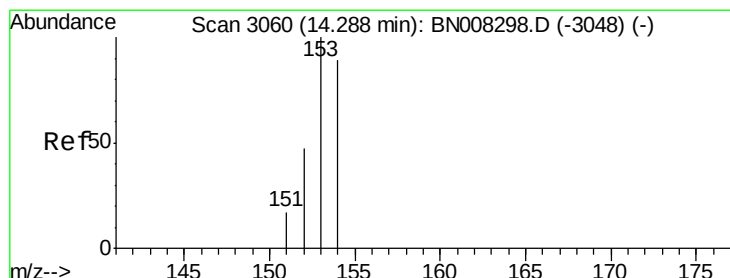
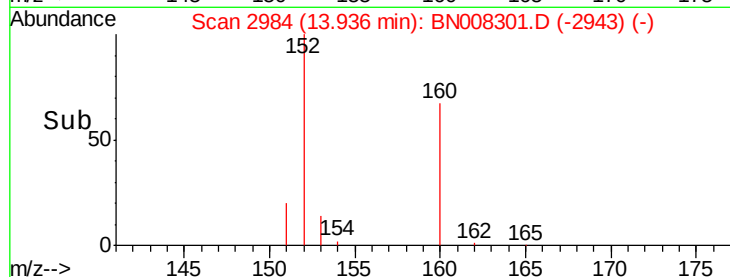
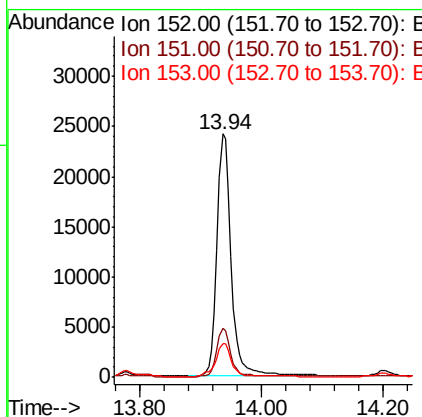
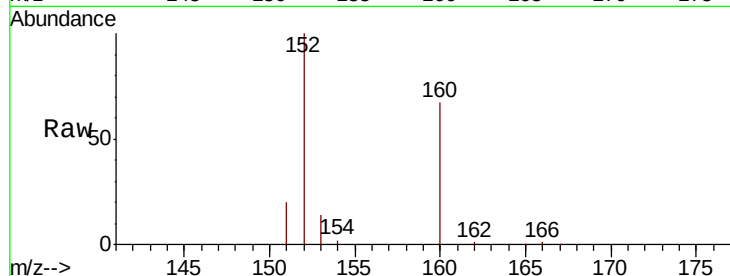
ClientSampled :

BEP73

Tot Ion:	152	Resp:	40045
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.4
153	14.0	11.0	16.4

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#8

Acenaphthene

Concen: 1.508 ng/ul

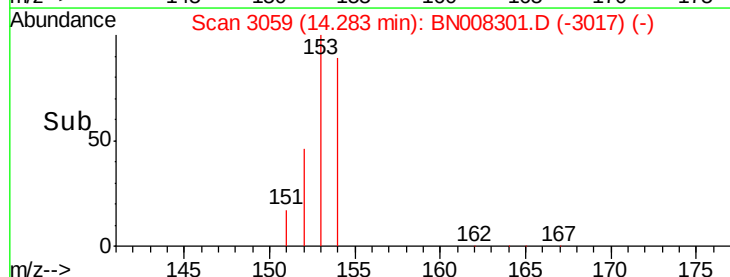
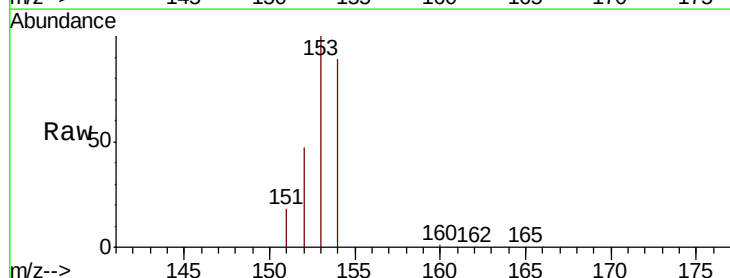
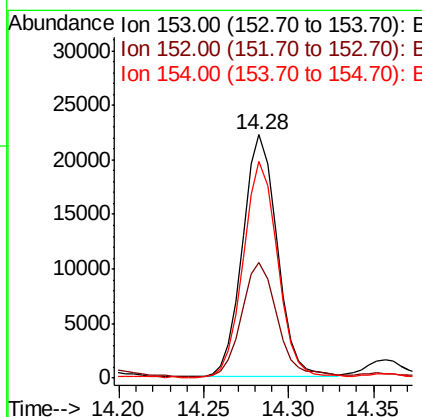
RT: 14.28 min Scan# 3059

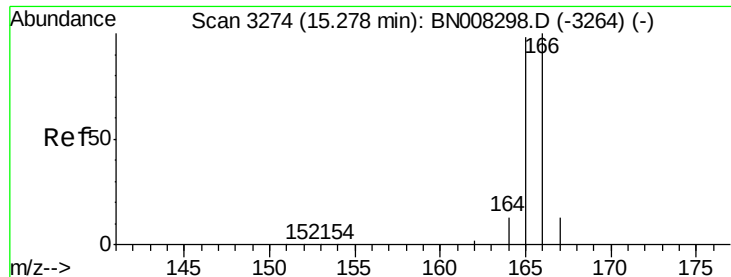
Delta R.T. -0.00 min

Lab File: BN008301.D

Acq: 22 Oct 2019 02:36

Tgt Ion:	153	Resp:	31505
Ion Ratio	Lower	Upper	
153	100		
152	47.3	38.2	57.2
154	89.1	71.8	107.8





#9

Fluorene

Concen: 1.699 ng/ul

RT: 15.28 min Scan# 3274

Delta R.T. -0.00 min

Lab File: BN008301.D

Acq: 22 Oct 2019 02:36

Instrument :

BNA_N

ClientSampleId :

BEP73

Tot Ion:166 Resp: 40314

Ion Ratio Lower Upper

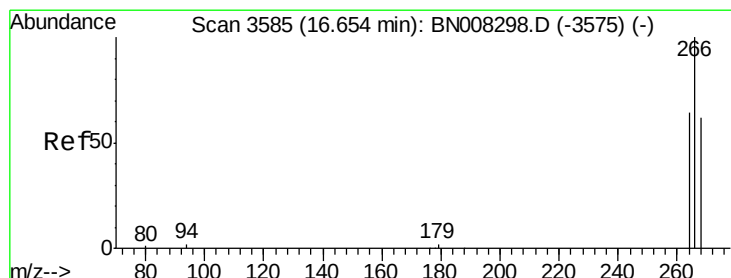
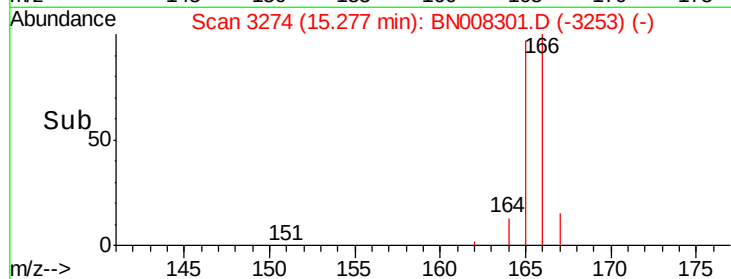
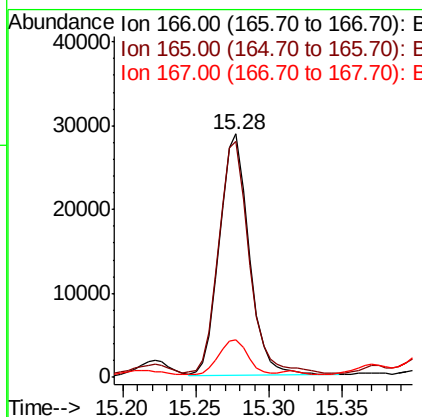
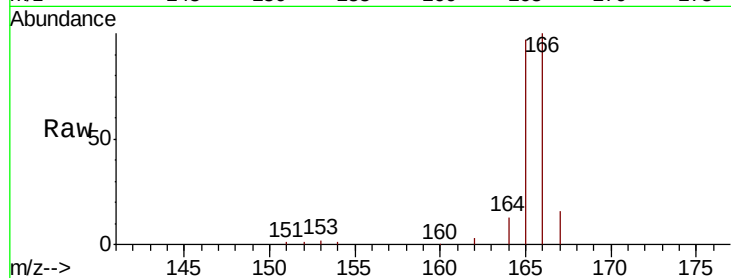
166 100

165 97.2 76.6 115.0

167 15.5 11.7 17.5

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#11

Pentachlorophenol

Concen: 0.250 ng/ul

RT: 16.63 min Scan# 3580

Delta R.T. -0.04 min

Lab File: BN008301.D

Acq: 22 Oct 2019 02:36

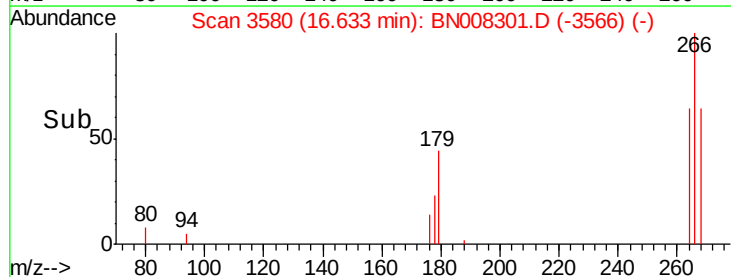
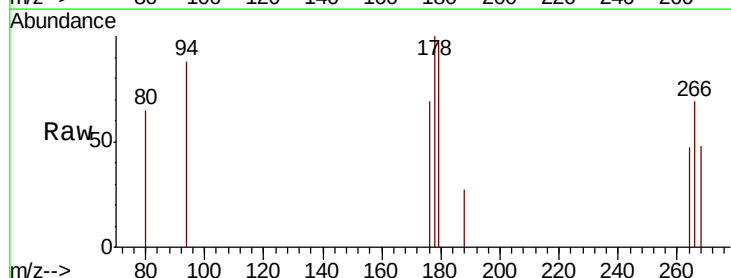
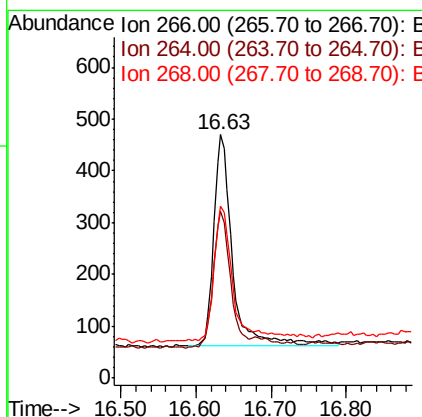
Tgt Ion:266 Resp: 718

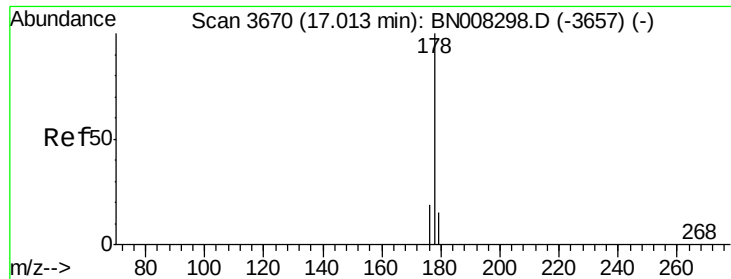
Ion Ratio Lower Upper

266 100

264 66.3 50.1 75.1

268 66.6 51.9 77.9





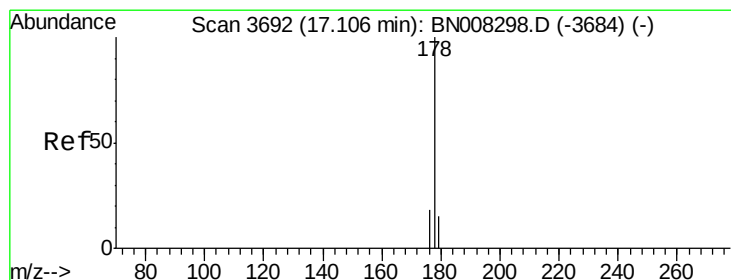
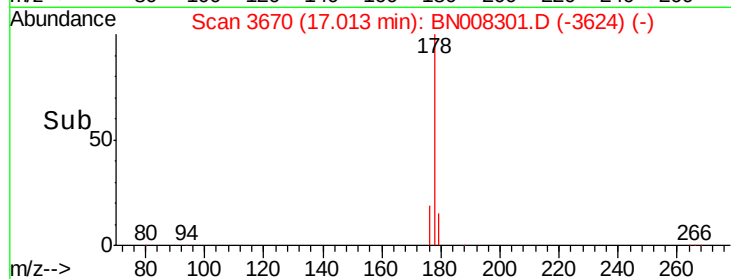
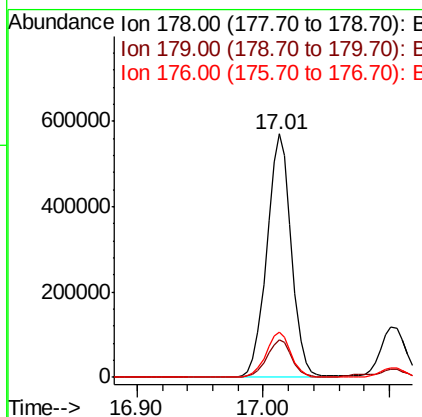
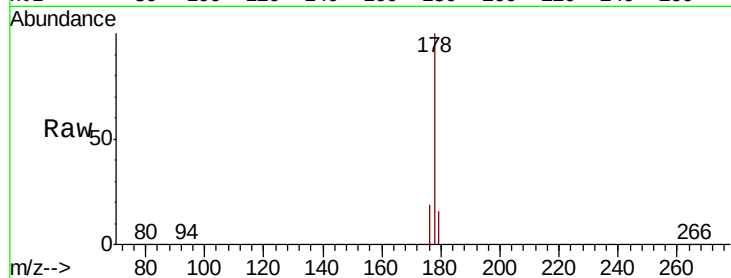
#12
Phenanthrene
Concen: 22.142 ng/ul
RT: 17.01 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BN008301.D
Acq: 22 Oct 2019 02:36

Instrument :
BNA_N
ClientSampleId :
BEP73

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	18.8	15.4	23.2

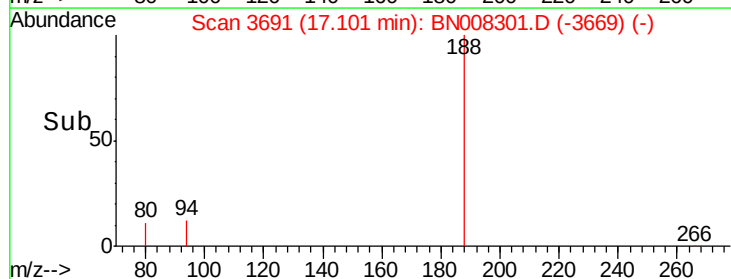
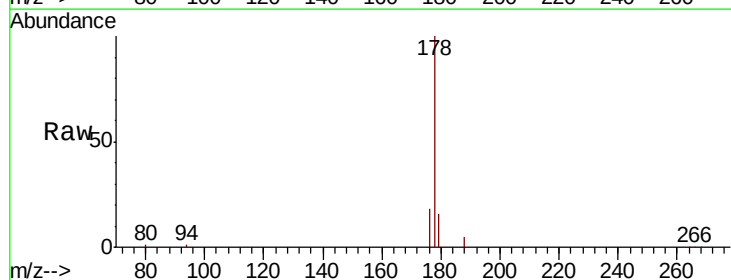
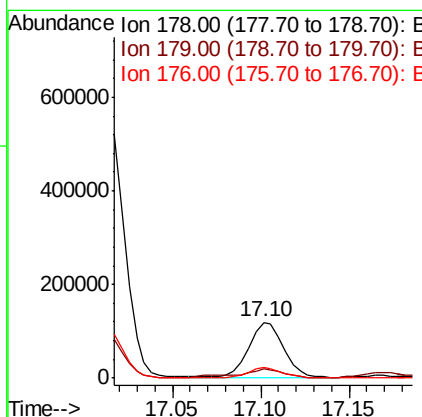
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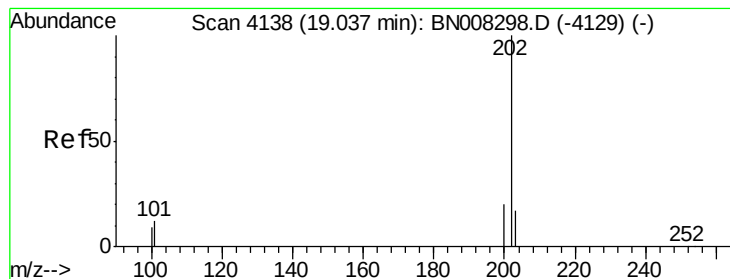
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#13
Anthracene
Concen: 5.215 ng/ul
RT: 17.10 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BN008301.D
Acq: 22 Oct 2019 02:36

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.0	19.6
176	18.4	15.0	22.6





#15

Fluoranthene

Concen: 30.676 ng/ul

RT: 19.04 min Scan# 4139

Delta R.T. 0.00 min

Lab File: BN008301.D

Acq: 22 Oct 2019 02:36

Instrument :

BNA_N

ClientSampled :

BEP73

Tot Ion:202 Resp: 1408825

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.2

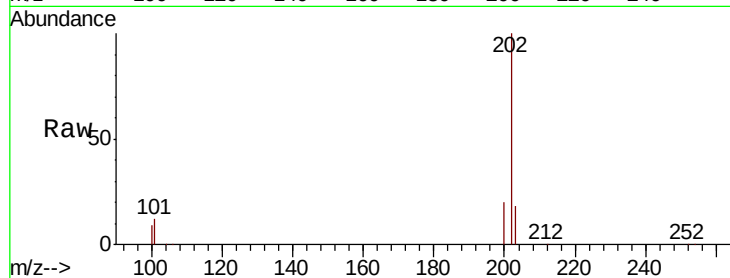
100 8.9 0.0 28.5

Manual Integrations

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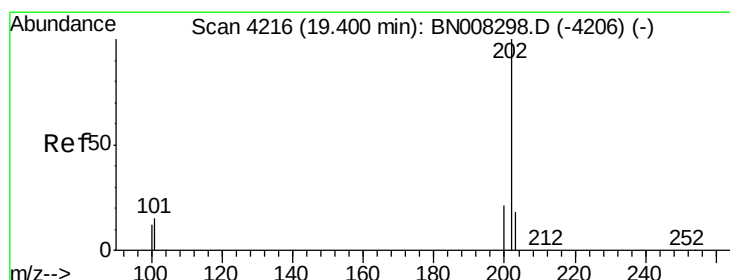
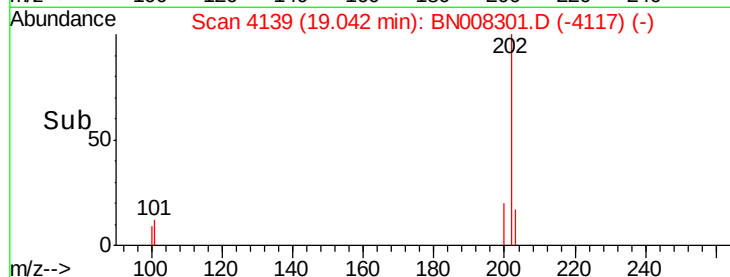
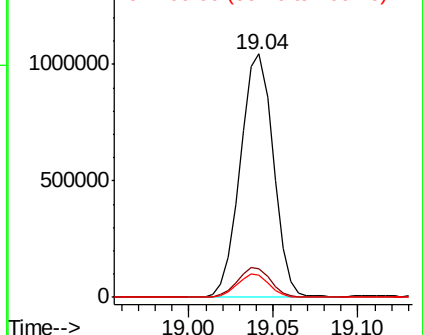
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 38.916 ng/ul

RT: 19.40 min Scan# 4217

Delta R.T. 0.00 min

Lab File: BN008301.D

Acq: 22 Oct 2019 02:36

Tgt Ion:202 Resp: 1507678

Ion Ratio Lower Upper

202 100

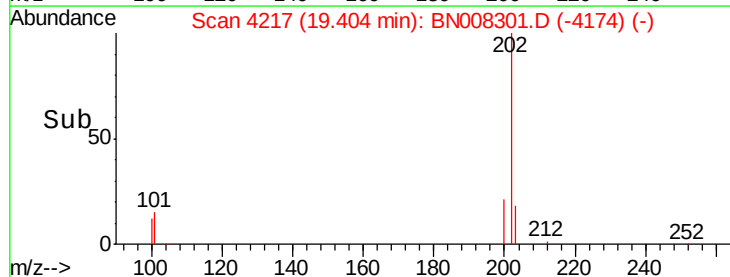
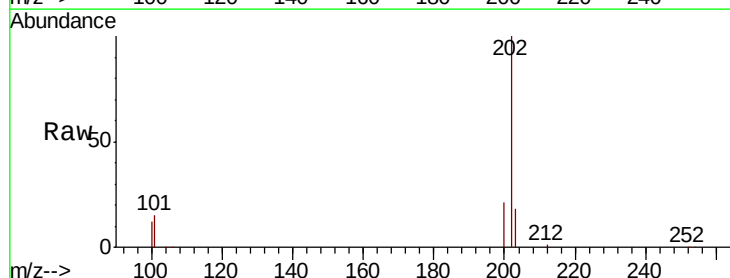
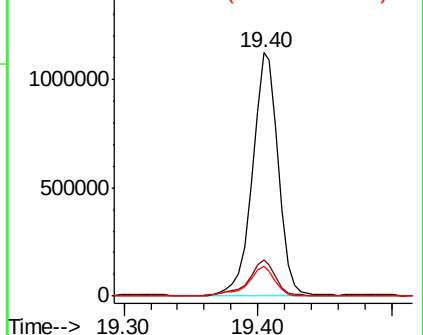
101 14.7 10.9 16.3

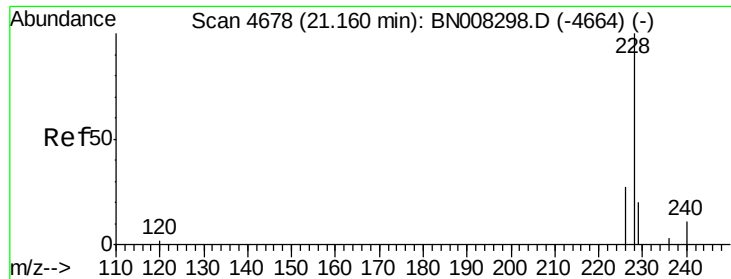
100 12.1 8.7 13.1

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





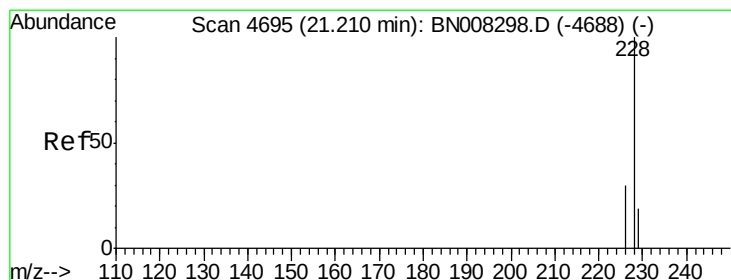
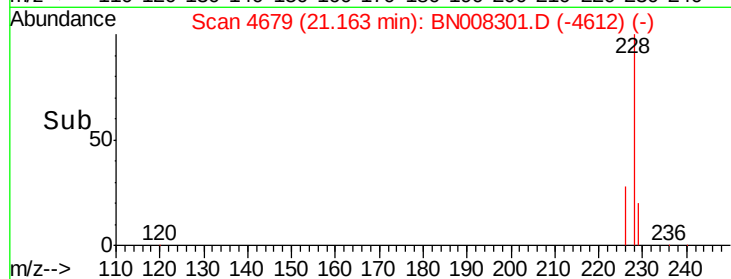
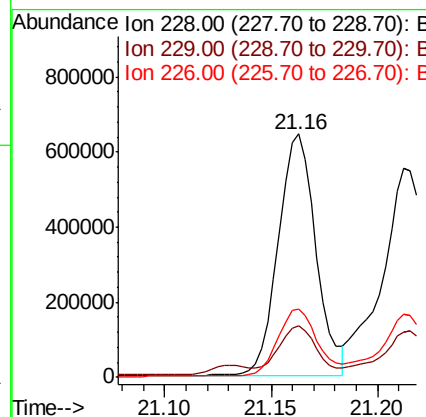
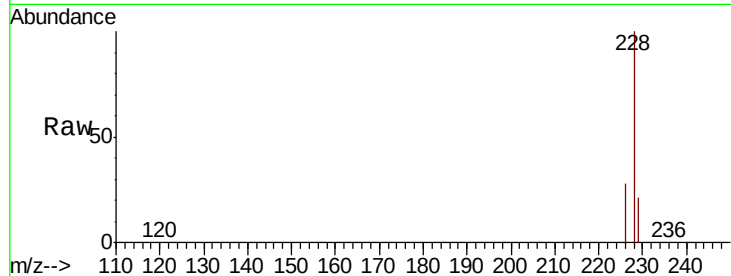
#18
Benzo(a)anthracene
Concen: 22.368 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BN008301.D
Acq: 22 Oct 2019 02:36

Instrument :
BNA_N
ClientSampleId :
BEP73

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.2	24.2
226	28.0	21.4	32.0

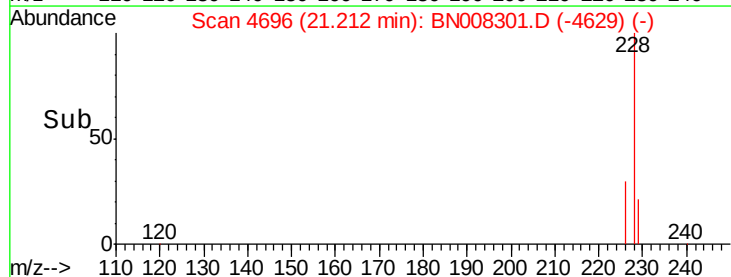
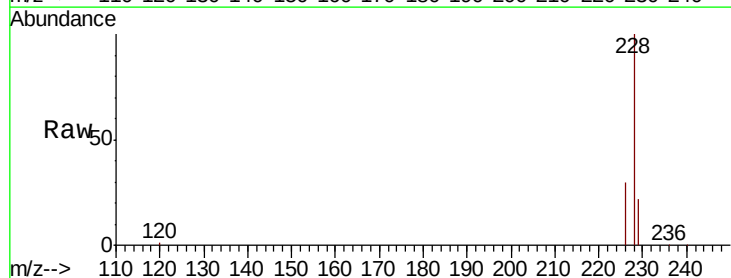
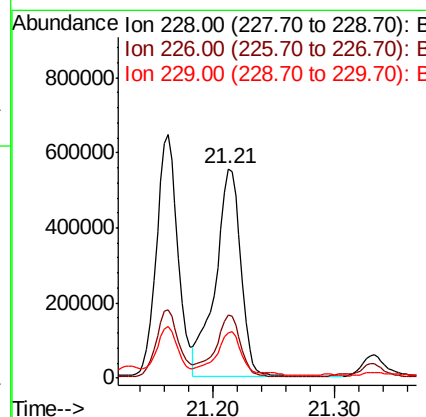
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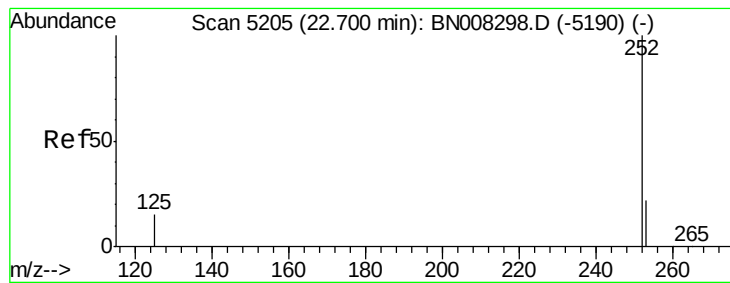
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#19
Chrysene
Concen: 18.466 ng/ul
RT: 21.21 min Scan# 4696
Delta R.T. -0.00 min
Lab File: BN008301.D
Acq: 22 Oct 2019 02:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	21.8	16.2	24.2





#21

Benzo(b)fluoranthene

Concen: 27.968 ng/ul m

RT: 22.71 min Scan# 5209

Delta R.T. 0.00 min

Lab File: BN008301.D

Acq: 22 Oct 2019 02:36

Instrument :

BNA_N

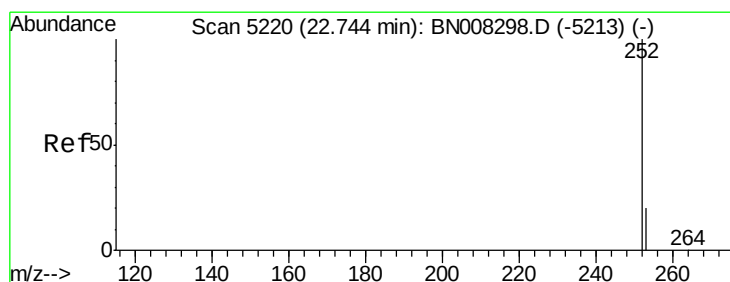
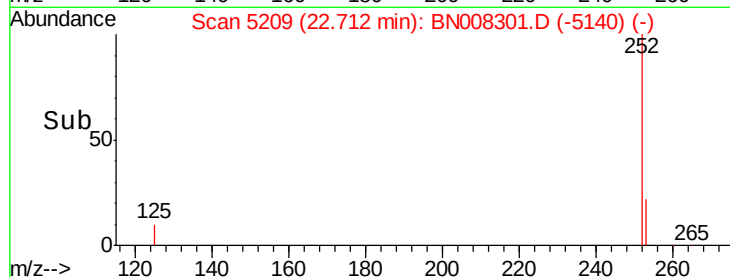
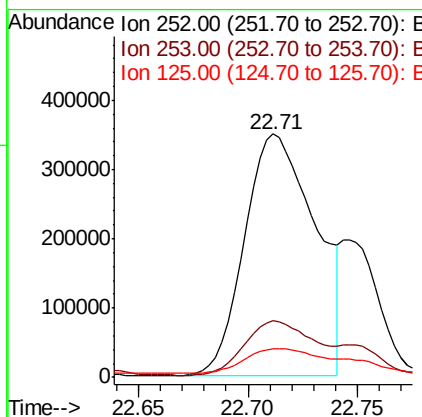
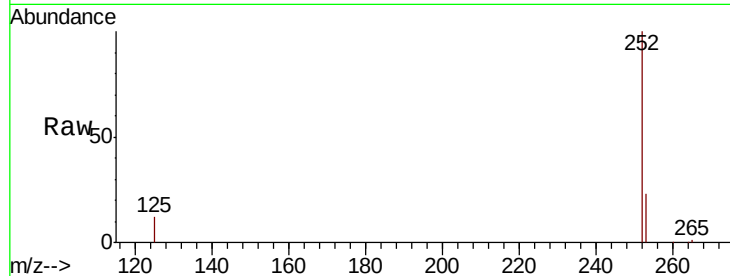
ClientSampleId :

BEP73

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	53.4
125	11.9	0.0	32.4

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#22

Benzo(k)fluoranthene

Concen: 7.101 ng/ul m

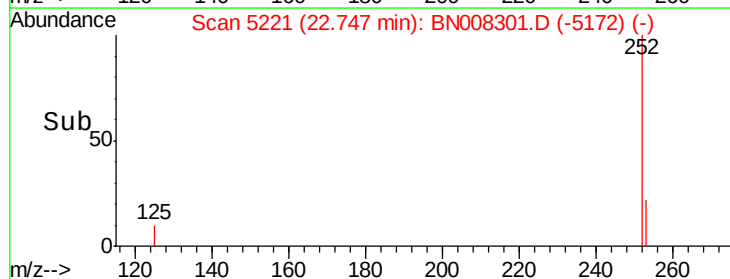
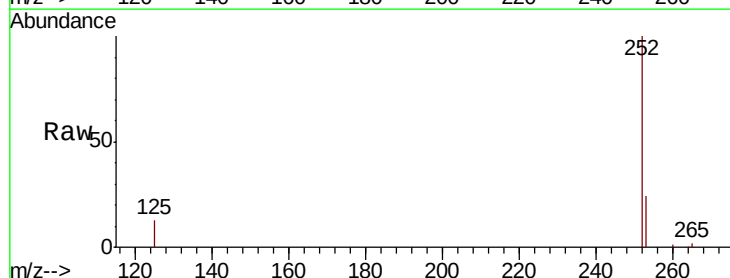
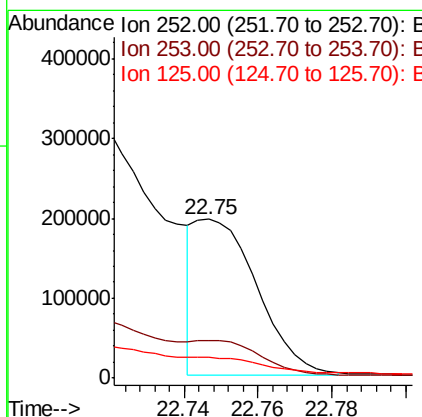
RT: 22.75 min Scan# 5221

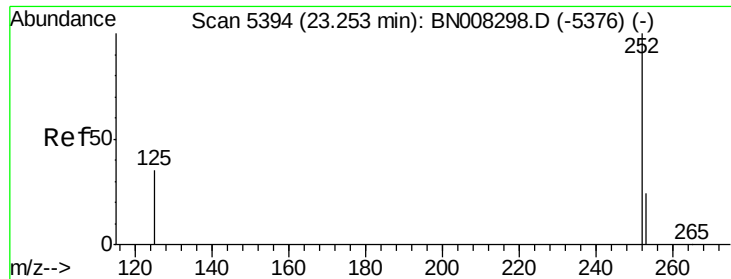
Delta R.T. -0.01 min

Lab File: BN008301.D

Acq: 22 Oct 2019 02:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	21.3	31.9
125	13.0	12.3	18.5





#23

Benzo(a)pyrene

Concen: 19.520 ng/ul

RT: 23.26 min Scan# 5398

Delta R.T. 0.00 min

Lab File: BN008301.D

Acq: 22 Oct 2019 02:36

Instrument :

BNA_N

ClientSampleId :

BEP73

Tot Ion:252 Resp: 576878

Ion Ratio Lower Upper

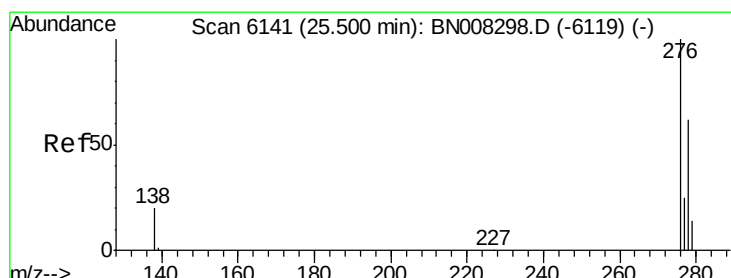
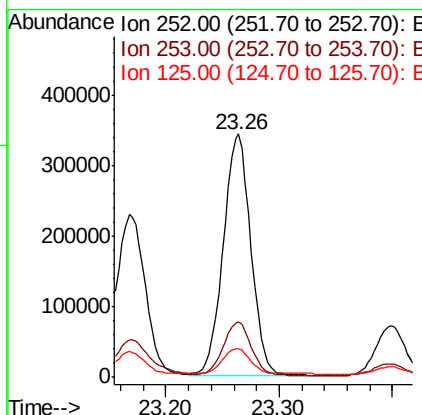
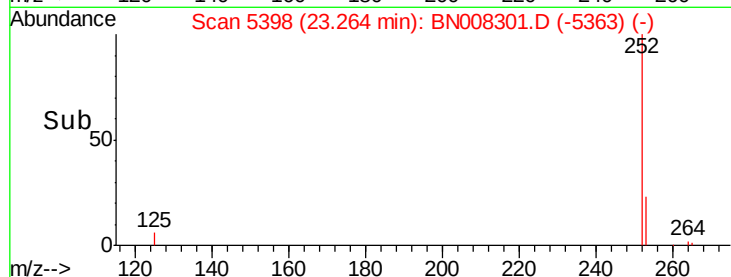
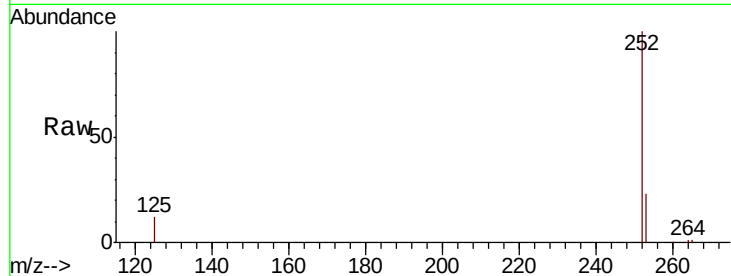
252 100

253 22.9 22.8 34.2

125 11.9 18.4 27.6#

Manual Integrations
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mohammad
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#24

Indeno(1,2,3-cd)pyrene

Concen: 9.265 ng/ul

RT: 25.51 min Scan# 6145

Delta R.T. 0.00 min

Lab File: BN008301.D

Acq: 22 Oct 2019 02:36

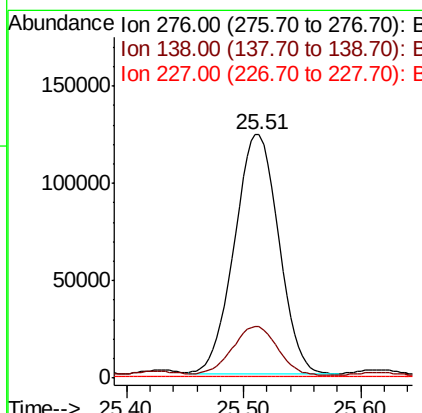
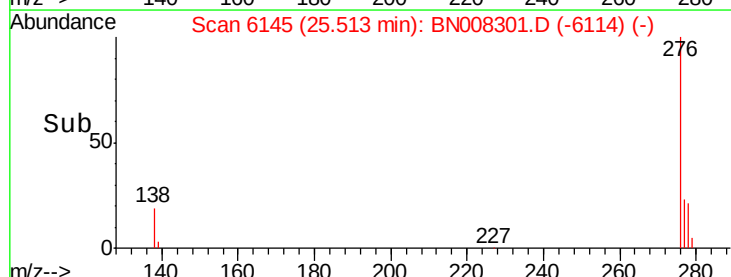
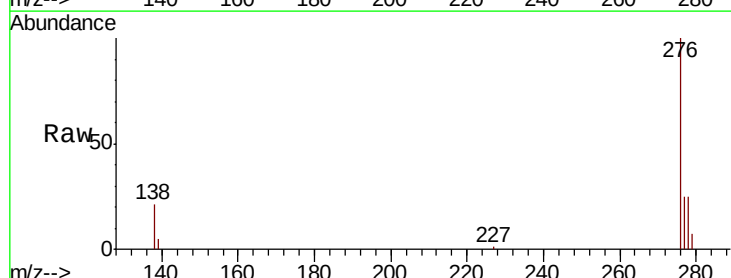
Tgt Ion:276 Resp: 322468

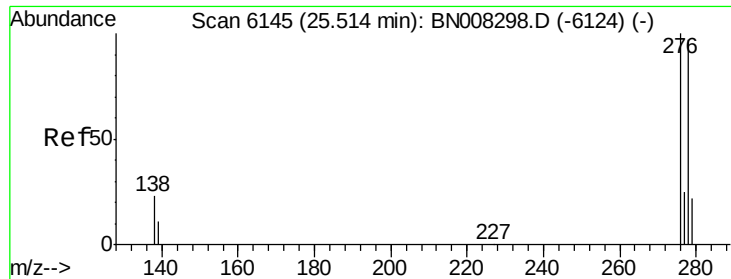
Ion Ratio Lower Upper

276 100

138 20.6 16.1 24.1

227 0.2 0.2 0.2





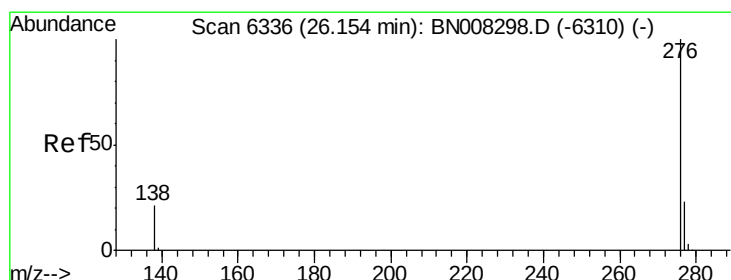
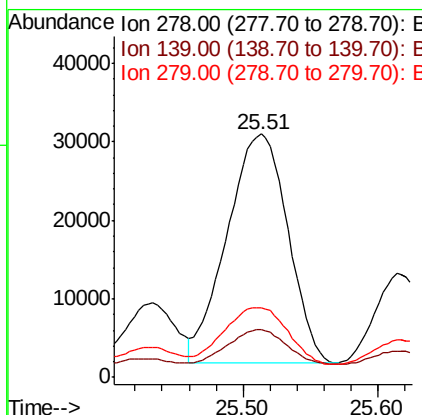
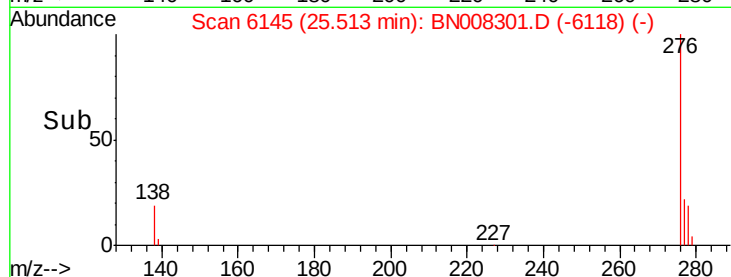
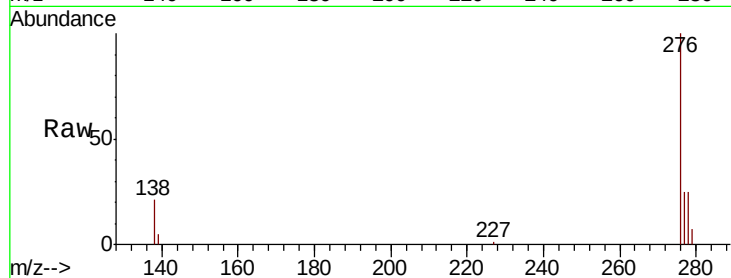
#25
Dibenzo(a,h)anthracene
Concen: 3.332 ng/ul
RT: 25.51 min Scan# 6145
Delta R.T. -0.01 min
Lab File: BN008301.D
Acq: 22 Oct 2019 02:36

Instrument :
BNA_N
ClientSampleId :
BEP73

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.7	15.0	22.6
279	28.5	22.4	33.6

Manual Integrations
APPROVED

mohammad
10/22/2019 3:28:13 PM



#26
Benzo(g,h,i)perylene
Concen: 10.237 ng/ul
RT: 26.17 min Scan# 6340
Delta R.T. 0.00 min
Lab File: BN008301.D
Acq: 22 Oct 2019 02:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	17.0	25.4
277	24.4	20.4	30.6

