

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008322.D
 Acq On : 22 Oct 2019 19:34
 Operator : JU
 Sample : K5199-06DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP73DL

Manual Integrations
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Quant Time: Oct 23 02:05:43 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	1805	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9004	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5756	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12639	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	11614	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	10684	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	737	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	2293	0.05	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.39	128	3762	0.147	ng/ul	96
5) 2-Methylnaphthalene	12.02	142	1933	0.110	ng/ul	99
7) Acenaphthylene	13.94	152	7372	0.269	ng/ul	99
8) Acenaphthene	14.28	153	5490	0.258	ng/ul	98
9) Fluorene	15.27	166	6917	0.286	ng/ul	97
11) Pentachlorophenol	16.64	266	106	0.035	ng/ul	96
12) Phenanthrene	17.01	178	145912	3.943	ng/ul	99
13) Anthracene	17.10	178	27983	0.859	ng/ul	100
15) Fluoranthene	19.03	202	280743	5.744	ng/ul	97
17) Pyrene	19.40	202	301013	6.509	ng/ul	99
18) Benzo(a)anthracene	21.16	228	163372	3.869	ng/ul	98
19) Chrysene	21.21	228	172176	3.323	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	164301m	4.724	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	63643m	1.615	ng/ul	
23) Benzo(a)pyrene	23.25	252	126807	3.465	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.50	276	67355	1.563	ng/ul	99
25) Dibenzo(a,h)anthracene	25.51	278	18387	0.540	ng/ul	95
26) Benzo(g,h,i)perylene	26.15	276	68032	1.721	ng/ul	98

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

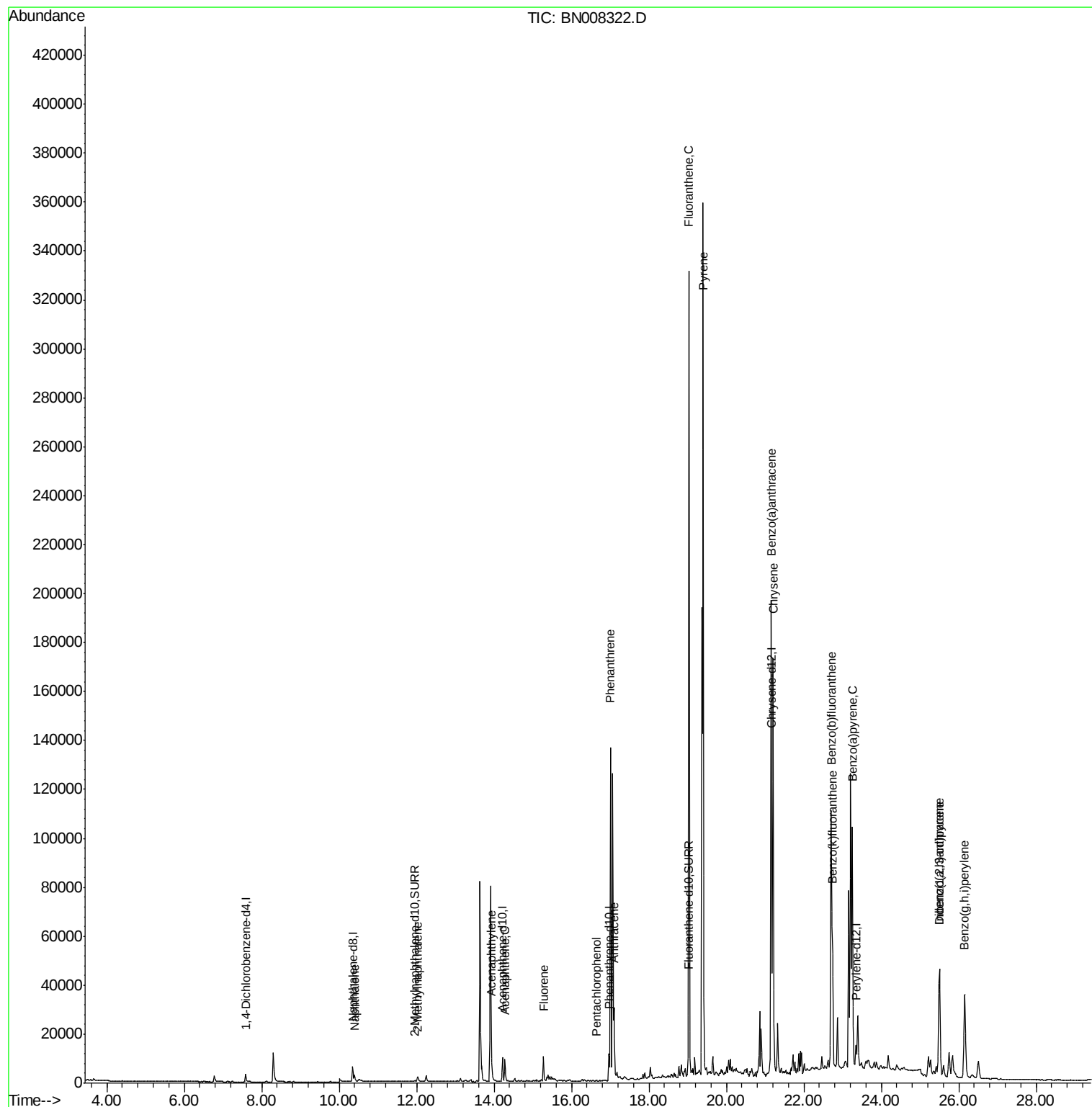
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008322.D
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Misc :
ALS Vial : 17 Sample Multiplier: 1

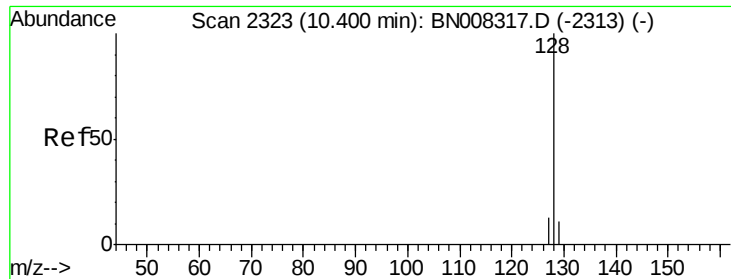
Instrument :
BNA_N
ClientSampleId :
BEP73DL

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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
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.147 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BN008322.D

Acq: 22 Oct 2019 19:34

Instrument :

BNA_N

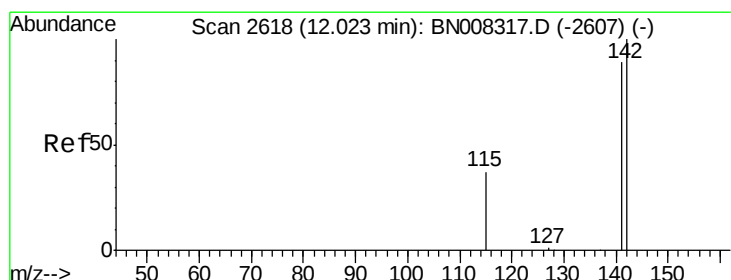
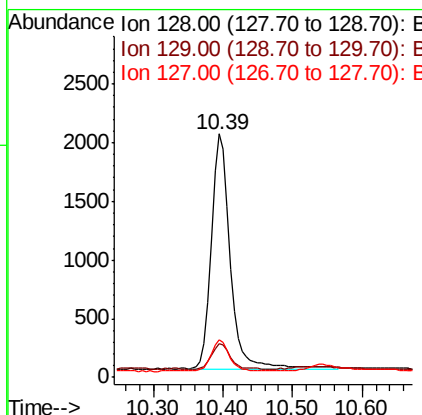
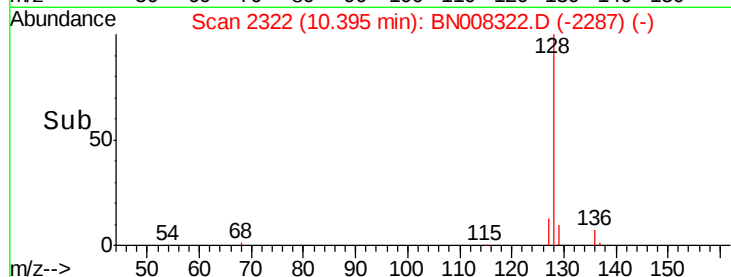
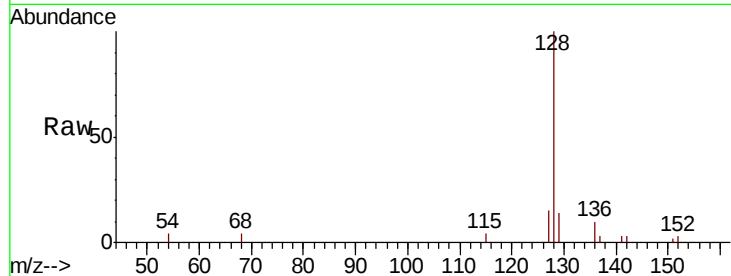
ClientSampleId :

BEP73DL

Tot Ion:	128	Resp:	3762
Ion	Ratio	Lower	Upper
128	100		
129	13.8	9.8	14.8
127	15.3	11.1	16.7

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#5

2-Methylnaphthalene

Concen: 0.110 ng/ul

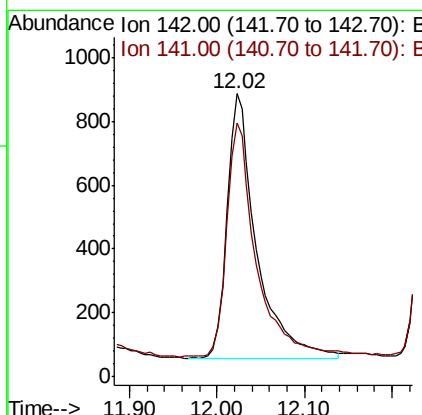
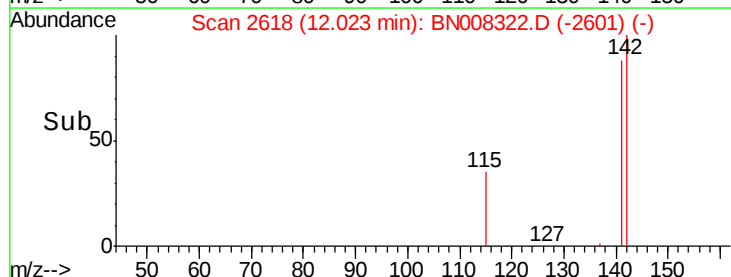
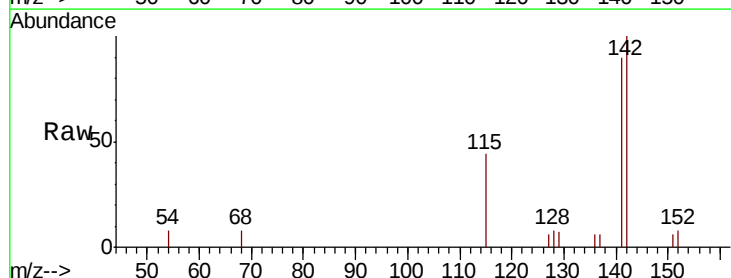
RT: 12.02 min Scan# 2618

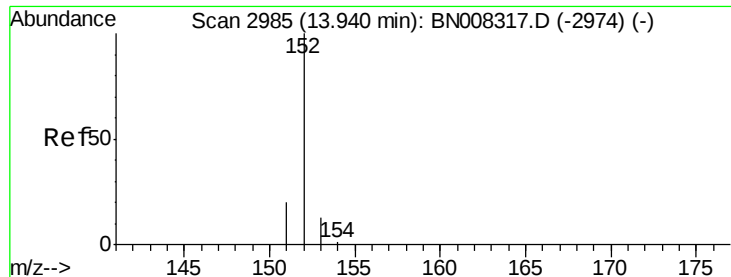
Delta R.T. -0.01 min

Lab File: BN008322.D

Acq: 22 Oct 2019 19:34

Tgt Ion:	142	Resp:	1933
Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.4	107.2





#7

Acenaphthylene

Concen: 0.269 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN008322.D

Acq: 22 Oct 2019 19:34

Instrument :

BNA_N

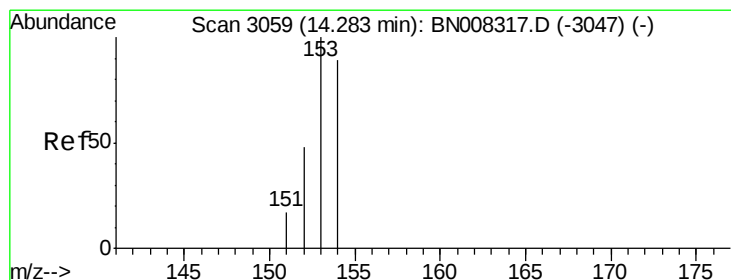
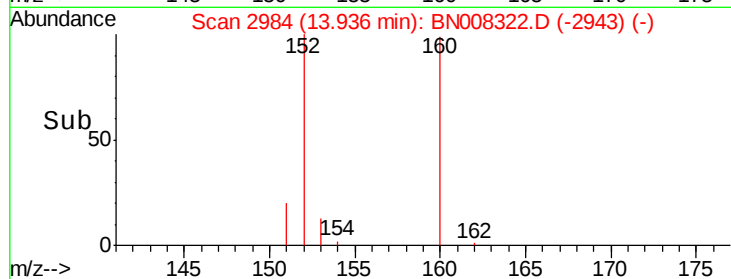
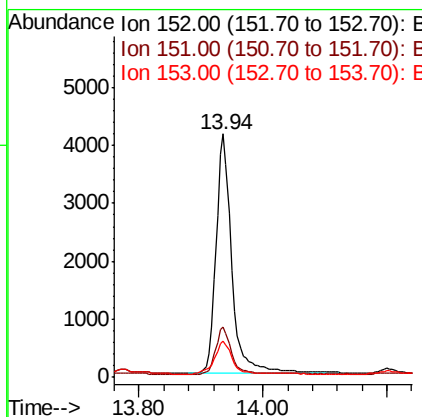
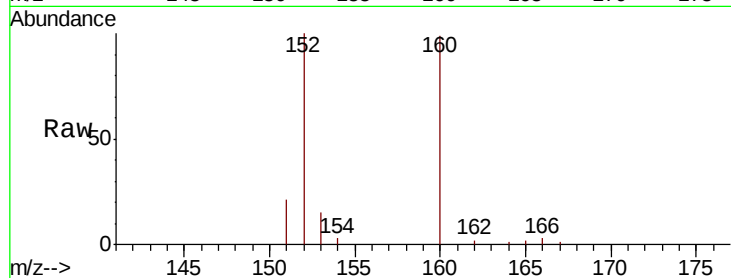
ClientSampleId :

BEP73DL

Tot Ion:	152	Resp:	7372
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4
153	14.6	11.0	16.4

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#8

Acenaphthene

Concen: 0.258 ng/ul

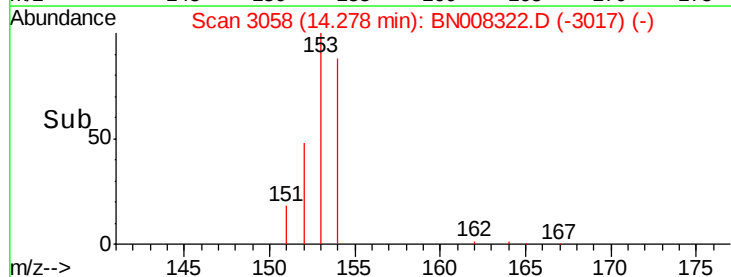
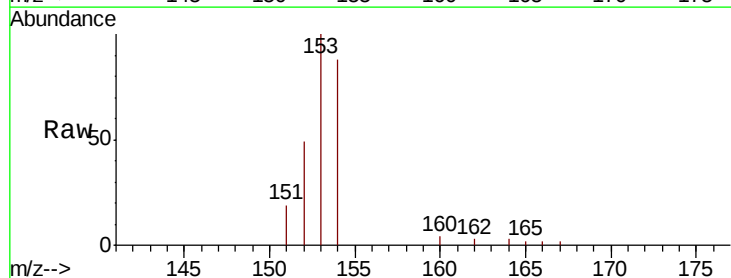
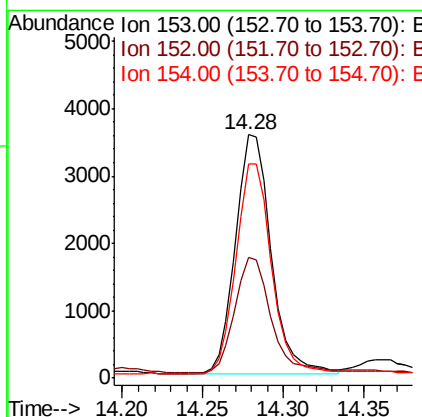
RT: 14.28 min Scan# 3058

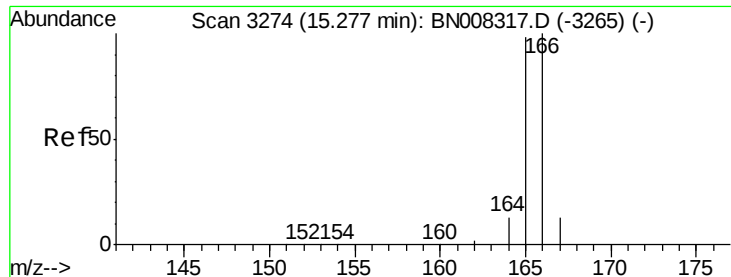
Delta R.T. -0.01 min

Lab File: BN008322.D

Acq: 22 Oct 2019 19:34

Tgt Ion:	153	Resp:	5490
Ion	Ratio	Lower	Upper
153	100		
152	49.4	38.2	57.2
154	88.0	71.8	107.8





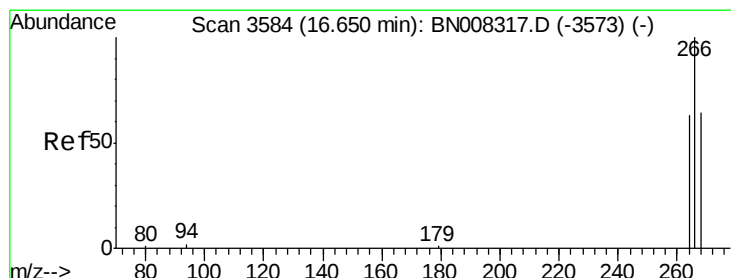
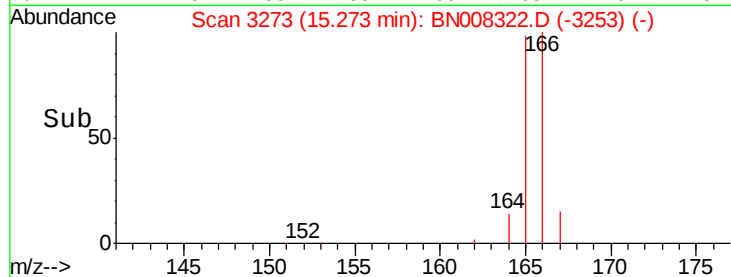
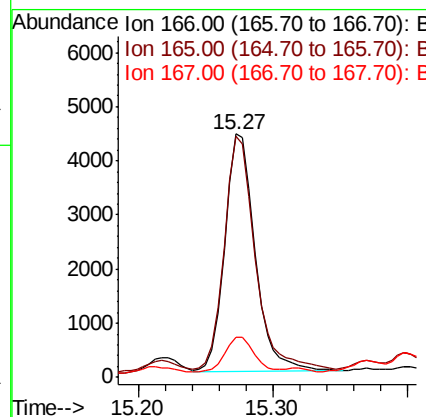
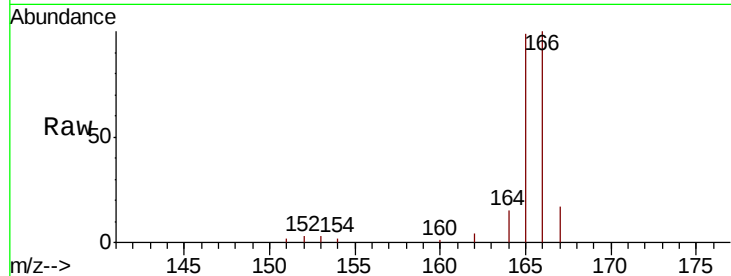
#9
Fluorene
 Concen: 0.286 ng/ul
 RT: 15.27 min Scan# 3273
 Delta R.T. -0.01 min
 Lab File: BN008322.D
 Acq: 22 Oct 2019 19:34

Instrument :
 BNA_N
 ClientSampleId :
 BEP73DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	76.6	115.0
167	16.6	11.7	17.5

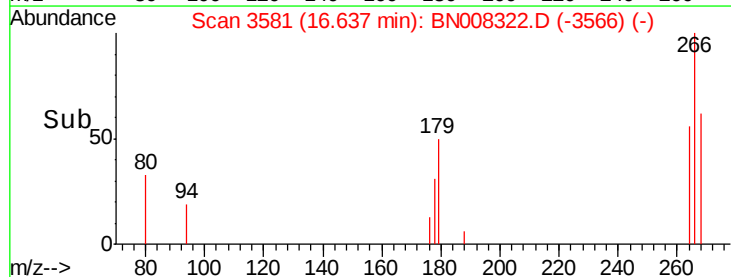
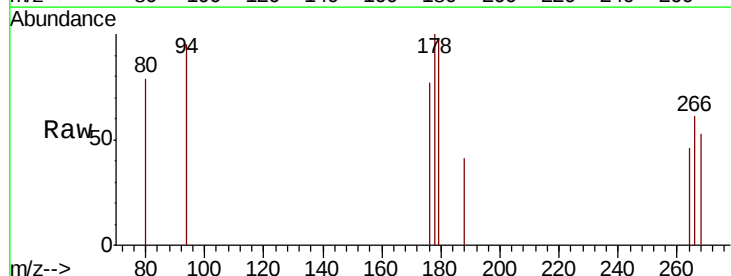
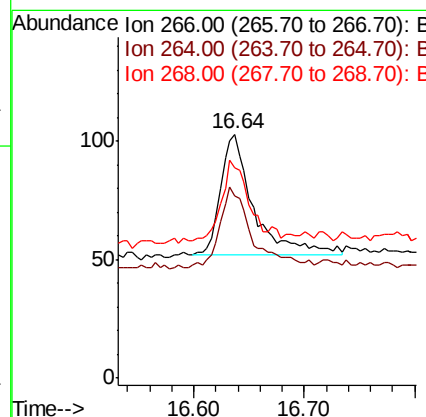
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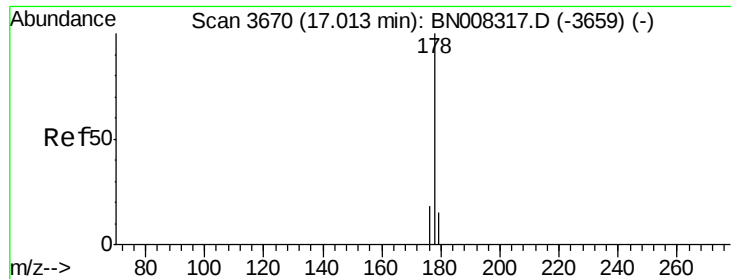
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#11
Pentachlorophenol
 Concen: 0.035 ng/ul
 RT: 16.64 min Scan# 3581
 Delta R.T. -0.04 min
 Lab File: BN008322.D
 Acq: 22 Oct 2019 19:34

Tgt Ion	Ratio	Lower	Upper
266	100		
264	67.0	50.1	75.1
268	63.2	51.9	77.9





#12

Phenanthrene

Concen: 3.943 ng/ul

RT: 17.01 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BN008322.D

Acq: 22 Oct 2019 19:34

Instrument :

BNA_N

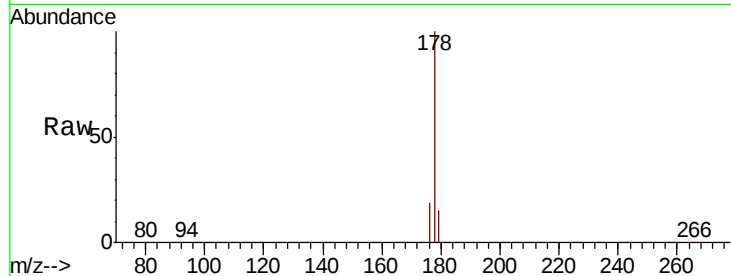
ClientSampleId :

BEP73DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	18.7	15.4	23.2

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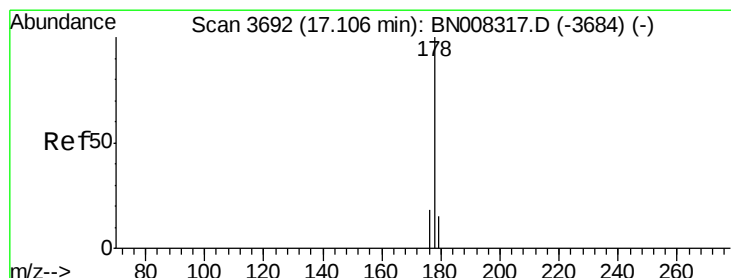
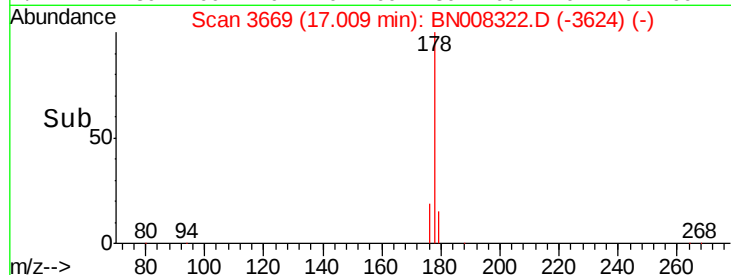
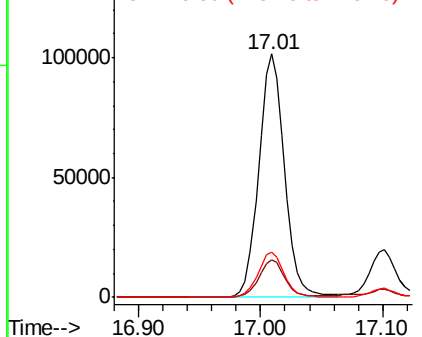


Abundance

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



#13

Anthracene

Concen: 0.859 ng/ul

RT: 17.10 min Scan# 3691

Delta R.T. -0.01 min

Lab File: BN008322.D

Acq: 22 Oct 2019 19:34

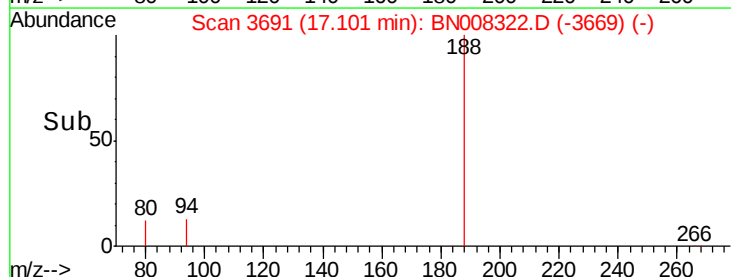
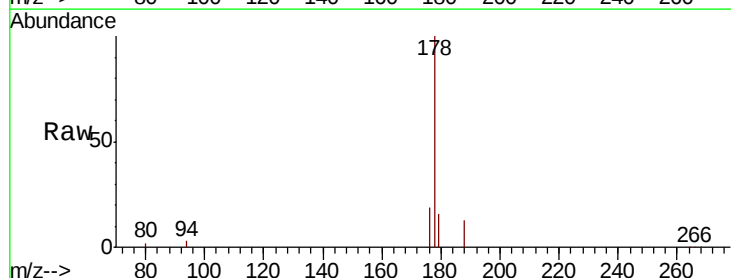
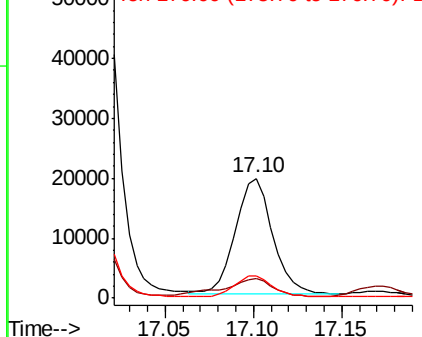
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.0	19.6
176	18.6	15.0	22.6

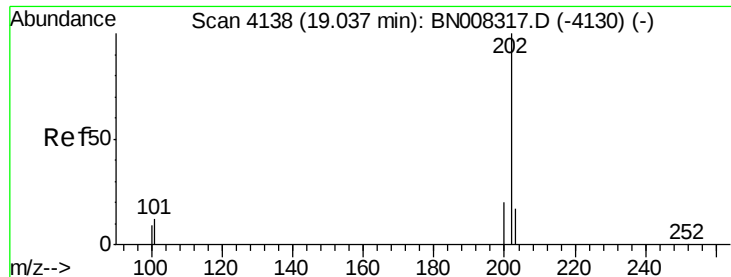
Abundance

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: 5.744 ng/ul

RT: 19.03 min Scan# 4137

Delta R.T. -0.01 min

Lab File: BN008322.D

Acq: 22 Oct 2019 19:34

Instrument :

BNA_N

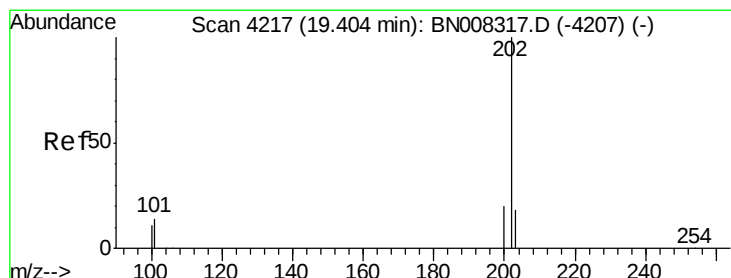
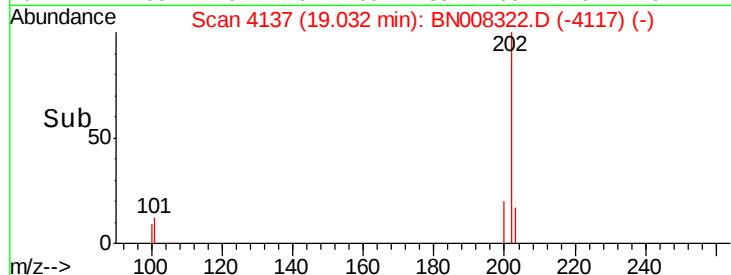
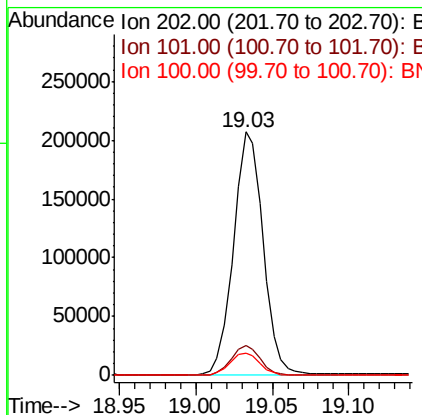
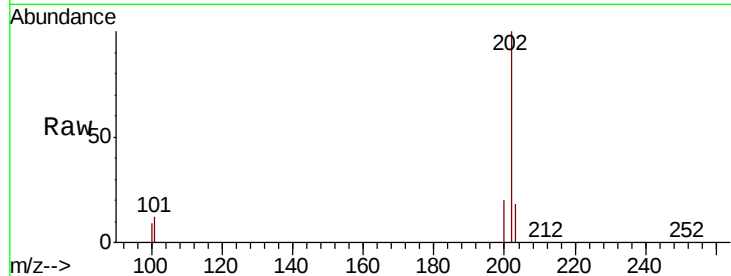
ClientSampleId :

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Tot Ion:	202	Resp:	280743
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	31.2
100	9.4	0.0	28.5

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#17

Pyrene

Concen: 6.509 ng/ul

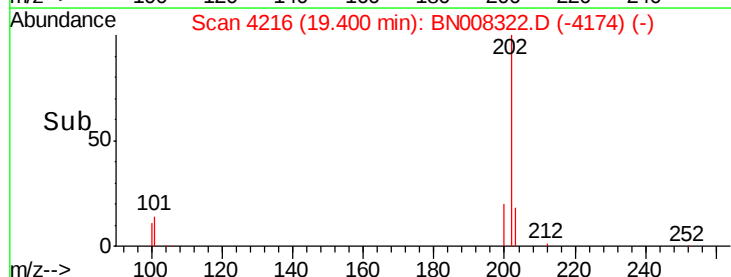
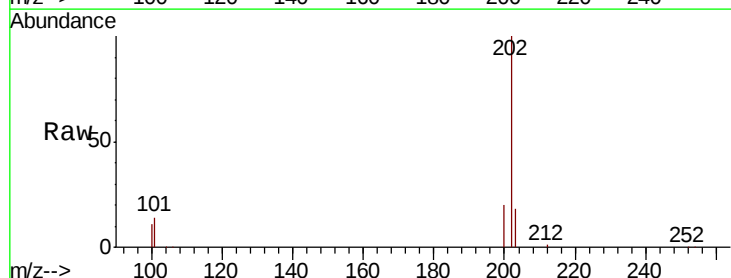
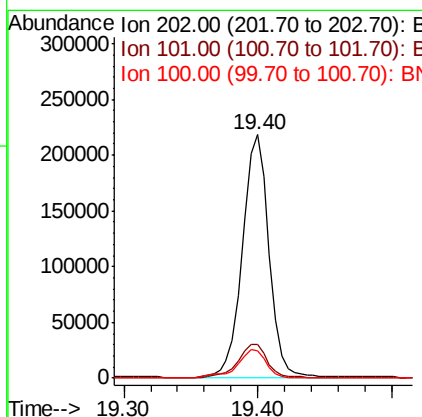
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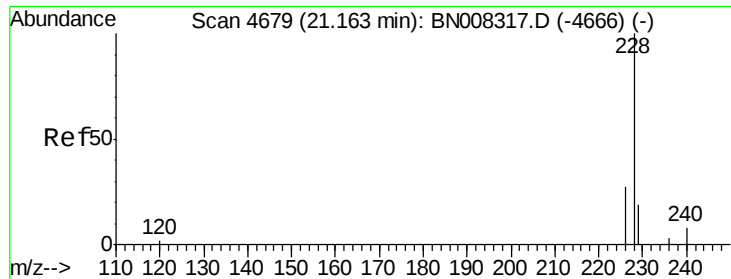
Delta R.T. -0.00 min

Lab File: BN008322.D

Acq: 22 Oct 2019 19:34

Tgt Ion:	202	Resp:	301013
Ion Ratio	Lower	Upper	
202	100		
101	13.8	10.9	16.3
100	11.2	8.7	13.1





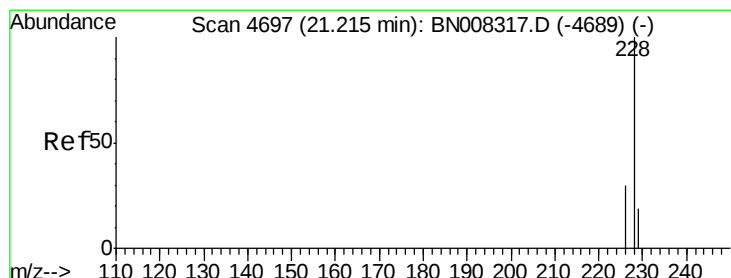
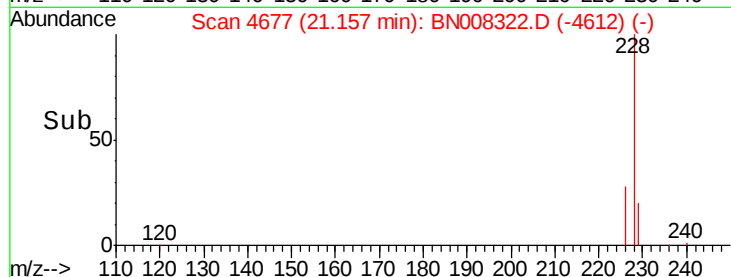
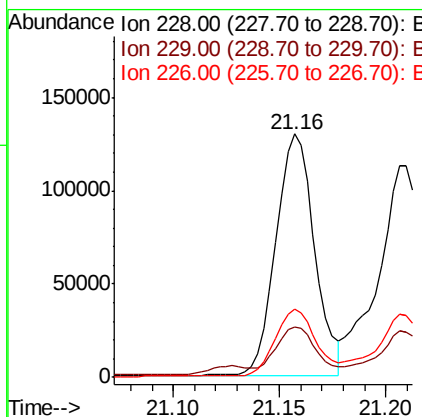
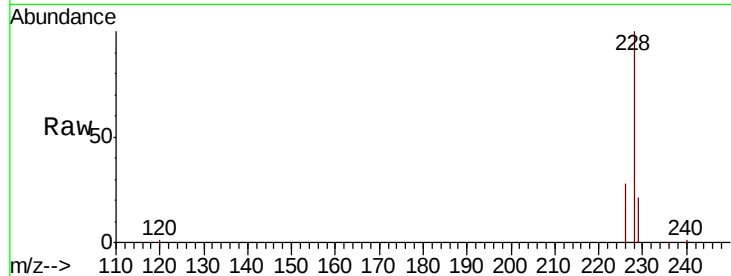
#18
Benzo(a)anthracene
Concen: 3.869 ng/ul
RT: 21.16 min Scan# 4677
Delta R.T. -0.01 min
Lab File: BN008322.D
Acq: 22 Oct 2019 19:34

Instrument :
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ClientSampleId :
BEP73DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.2	24.2
226	28.1	21.4	32.0

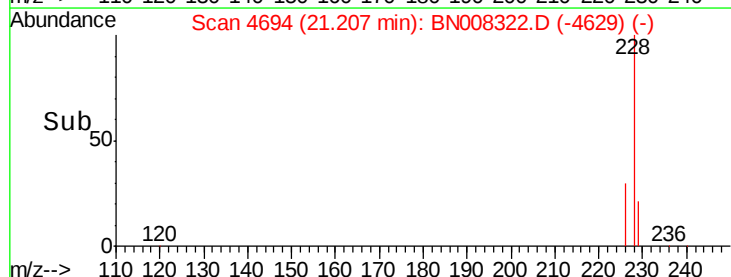
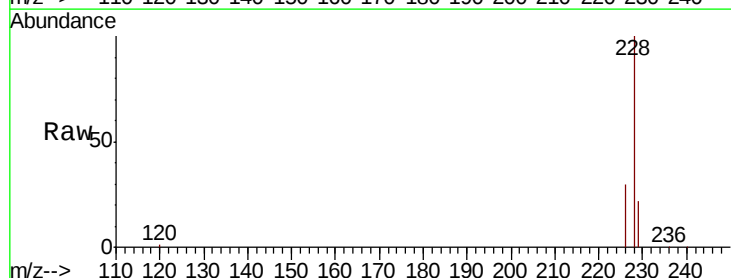
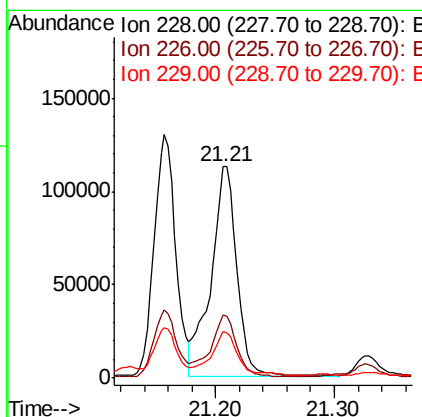
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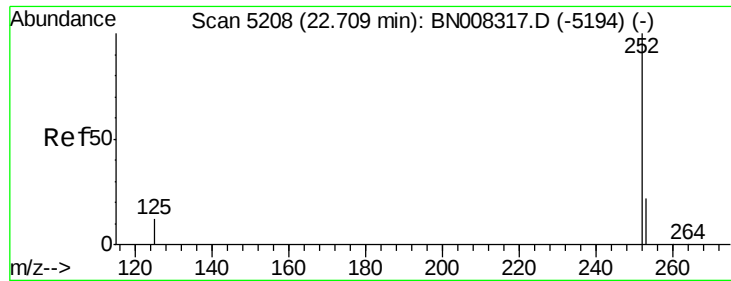
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#19
Chrysene
Concen: 3.323 ng/ul
RT: 21.21 min Scan# 4694
Delta R.T. -0.01 min
Lab File: BN008322.D
Acq: 22 Oct 2019 19:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	21.9	16.2	24.2





#21

Benzo(b)fluoranthene

Concen: 4.724 ng/ul m

RT: 22.71 min Scan# 5207

Delta R.T. -0.00 min

Lab File: BN008322.D

Acq: 22 Oct 2019 19:34

Instrument :

BNA_N

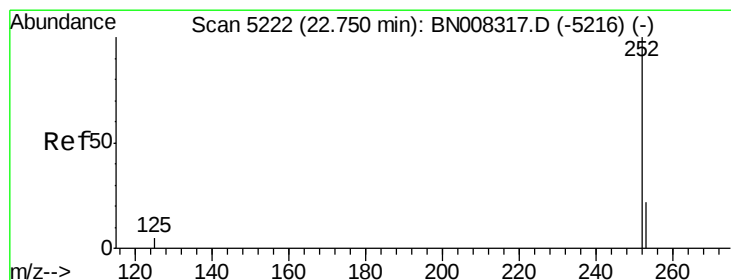
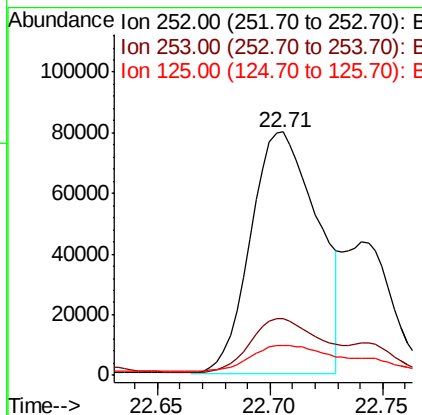
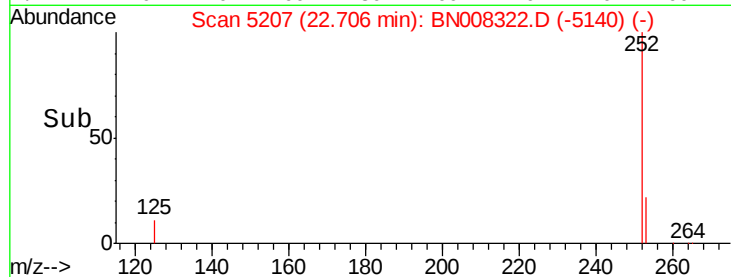
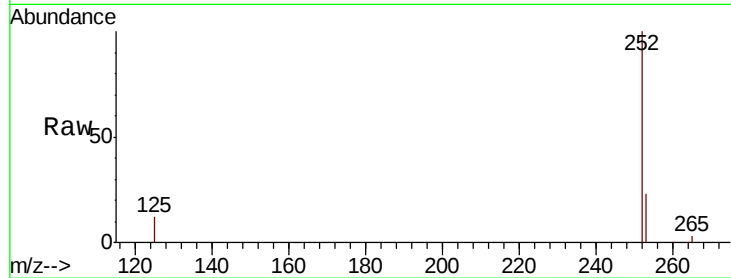
ClientSampleId :

BEP73DL

Tot Ion:	252	Resp:	164301
Ion Ratio	Lower	Upper	
252	100		
253	23.2	0.0	53.4
125	12.3	0.0	32.4

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#22

Benzo(k)fluoranthene

Concen: 1.615 ng/ul m

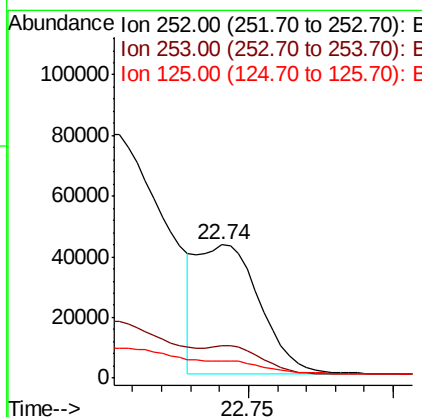
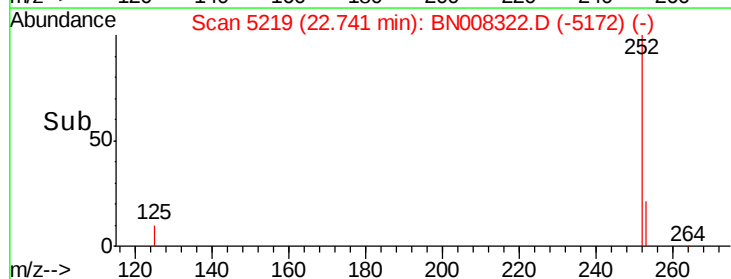
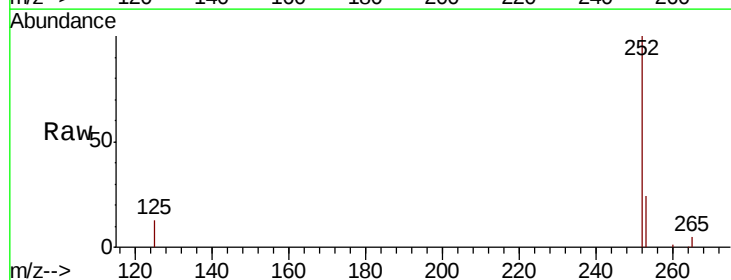
RT: 22.74 min Scan# 5219

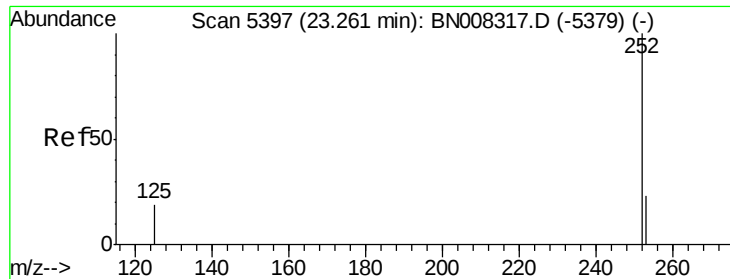
Delta R.T. -0.01 min

Lab File: BN008322.D

Acq: 22 Oct 2019 19:34

Tgt Ion:	252	Resp:	63643
Ion Ratio	Lower	Upper	
252	100		
253	24.2	21.3	31.9
125	13.3	12.3	18.5





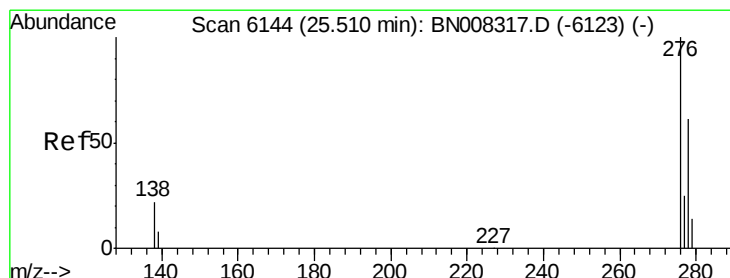
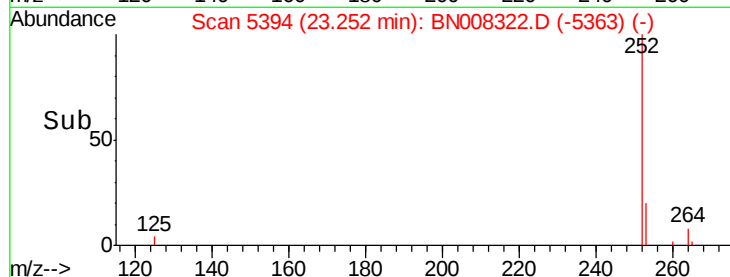
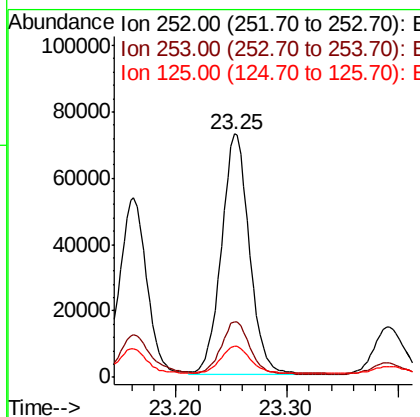
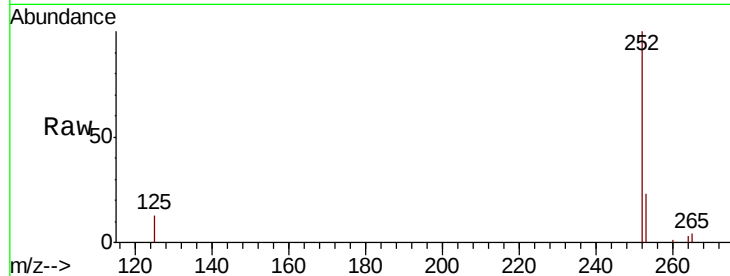
#23
Benzo(a)pyrene
Concen: 3.465 ng/ul
RT: 23.25 min Scan# 5394
Delta R.T. -0.01 min
Lab File: BN008322.D
Acq: 22 Oct 2019 19:34

Instrument :
BNA_N
ClientSampleID :
BEP73DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	22.8	34.2
125	13.0	18.4	27.6#

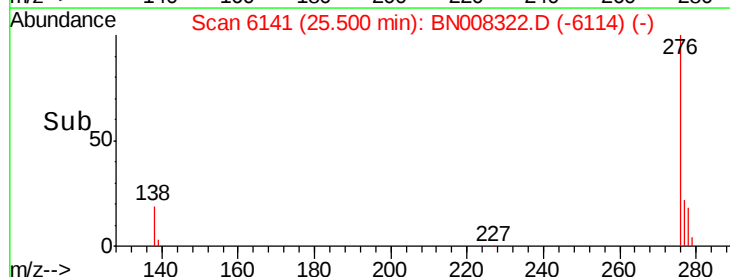
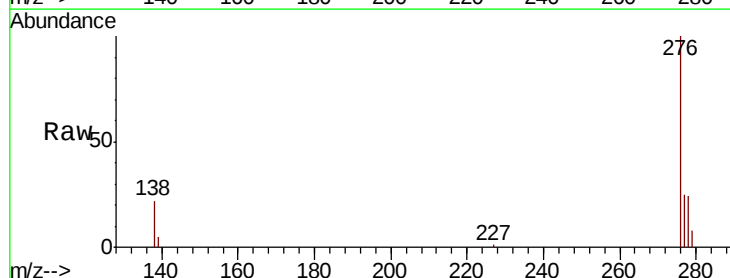
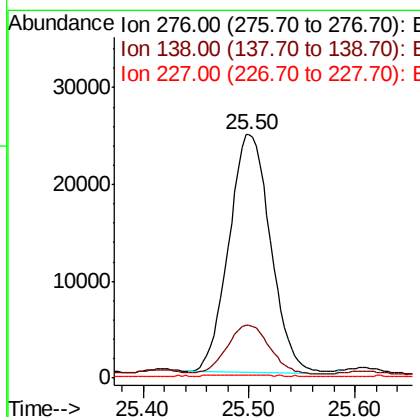
Manual Integrations
APPROVED

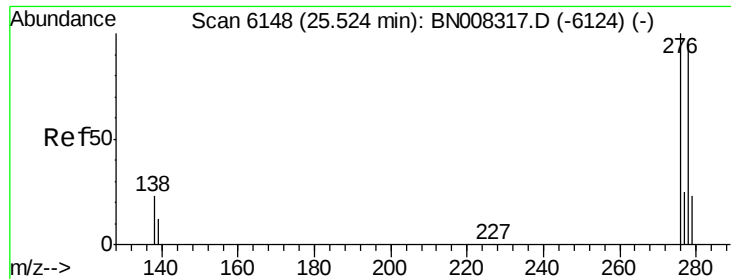
mohammad
10/24/2019 8:05:24 AM



#24
Indeno(1,2,3-cd)pyrene
Concen: 1.563 ng/ul
RT: 25.50 min Scan# 6141
Delta R.T. -0.01 min
Lab File: BN008322.D
Acq: 22 Oct 2019 19:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.1	24.1
227	0.2	0.2	0.2





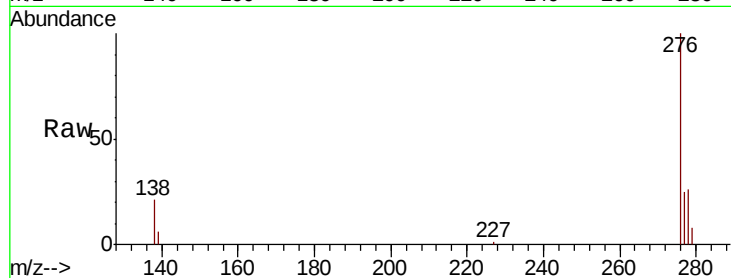
#25
Dibenzo(a,h)anthracene
Concen: 0.540 ng/ul
RT: 25.51 min Scan# 6143
Delta R.T. -0.02 min
Lab File: BN008322.D
Acq: 22 Oct 2019 19:34

Instrument :
BNA_N
ClientSampleId :
BEP73DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.9	15.0	22.6
279	30.4	22.4	33.6

Manual Integrations
APPROVED

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

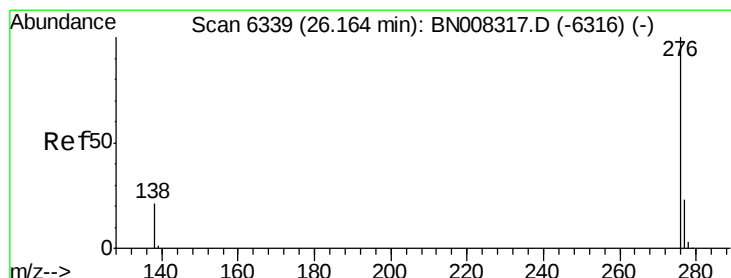
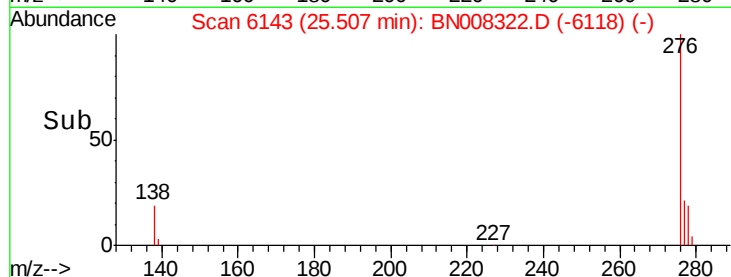
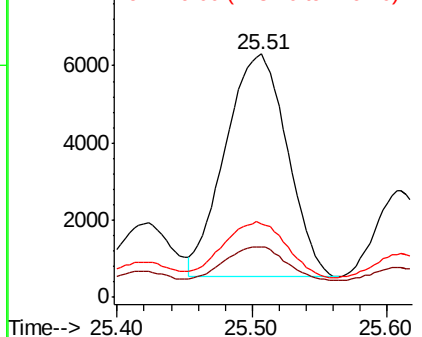


Abundance

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(g,h,i)perylene
Concen: 1.721 ng/ul
RT: 26.15 min Scan# 6336
Delta R.T. -0.01 min
Lab File: BN008322.D
Acq: 22 Oct 2019 19:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.9	17.0	25.4
277	24.5	20.4	30.6

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

