

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101919\
 Data File : BN008263.D
 Acq On : 19 Oct 2019 11:05
 Operator : JU
 Sample : K5177-06DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP95DL

Manual Integrations
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Quant Time: Oct 19 21:22:54 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	1760	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	8434	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	5328	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11813	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	12139	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	13012	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	624	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	2074	0.05	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.41	128	3573	0.149	ng/ul	96
5) 2-Methylnaphthalene	12.03	142	1808	0.110	ng/ul	99
7) Acenaphthylene	13.94	152	8161	0.322	ng/ul	98
8) Acenaphthene	14.29	153	4496	0.228	ng/ul	97
9) Fluorene	15.28	166	5511	0.246	ng/ul#	96
11) Pentachlorophenol	16.65	266	65	0.023	ng/ul	97
12) Phenanthrene	17.01	178	116378	3.365	ng/ul	99
13) Anthracene	17.11	178	23907	0.785	ng/ul	99
15) Fluoranthene	19.04	202	270562	5.923	ng/ul	99
17) Pyrene	19.40	202	291633	6.034	ng/ul	99
18) Benzo(a)anthracene	21.16	228	177626	4.025	ng/ul	98
19) Chrysene	21.22	228	193724	3.577	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	227812m	5.378	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	73694m	1.536	ng/ul	
23) Benzo(a)pyrene	23.26	252	172055	3.860	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.51	276	93154	1.774	ng/ul	100
25) Dibenzo(a,h)anthracene	25.51	278	25177	0.607	ng/ul	97
26) Benzo(g,h,i)perylene	26.17	276	87871	1.825	ng/ul	99

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

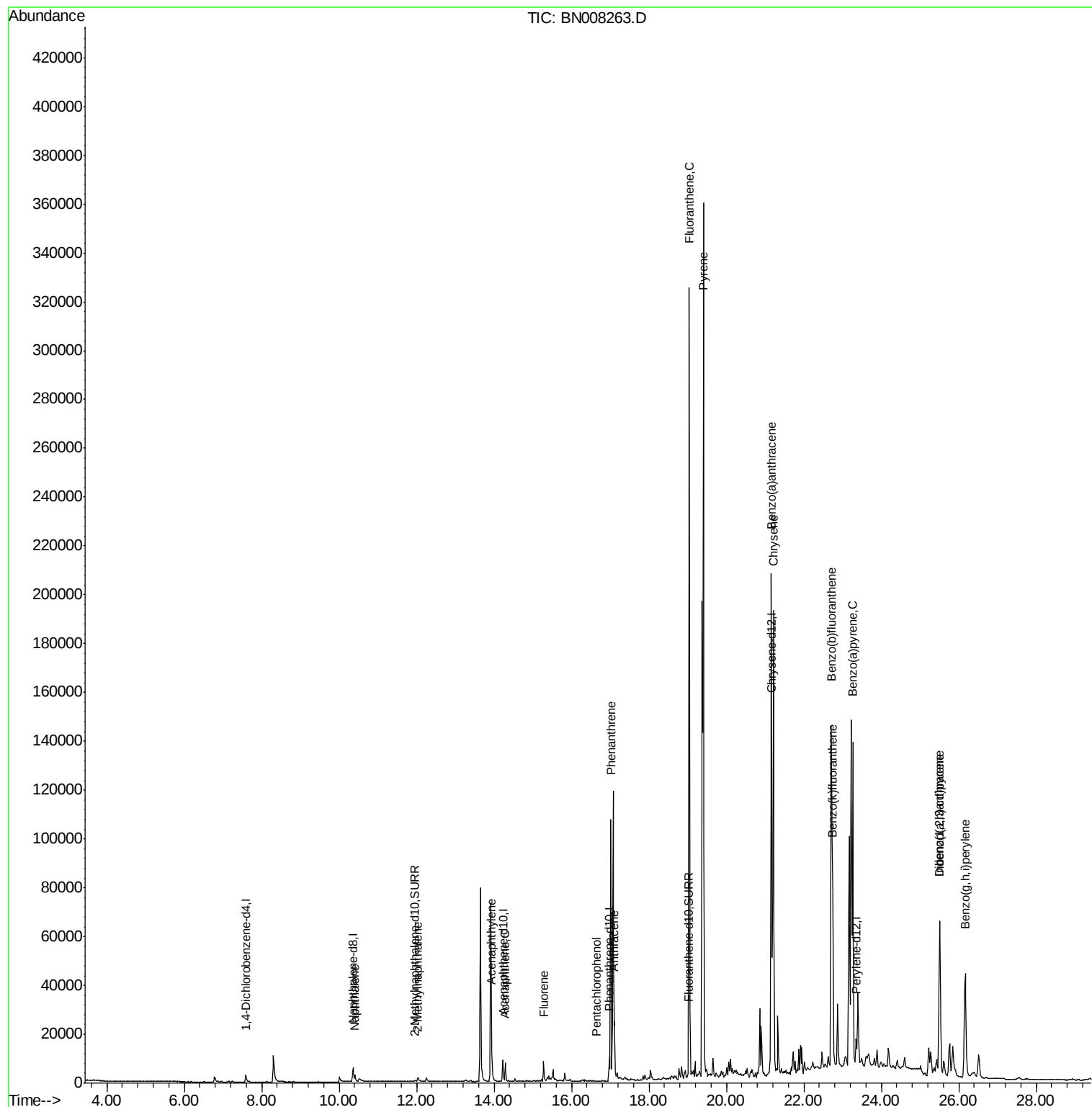
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101919\
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ALS Vial : 4 Sample Multiplier: 1

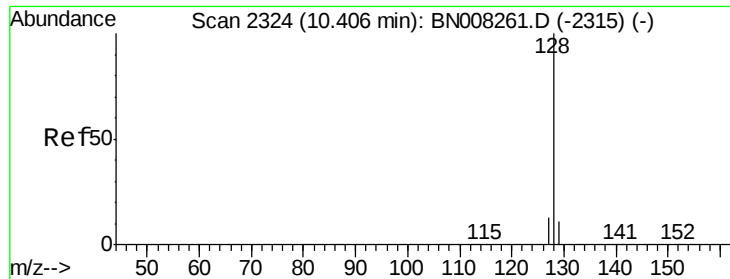
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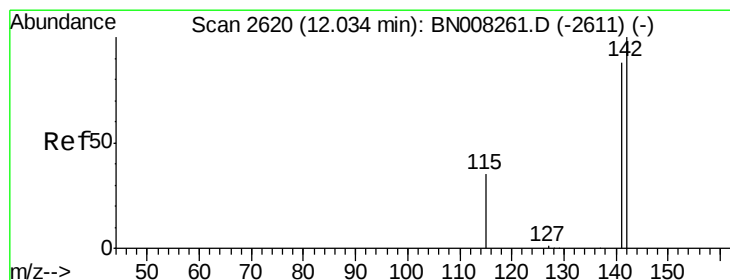
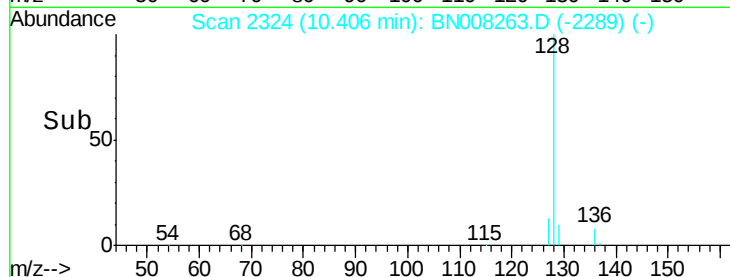
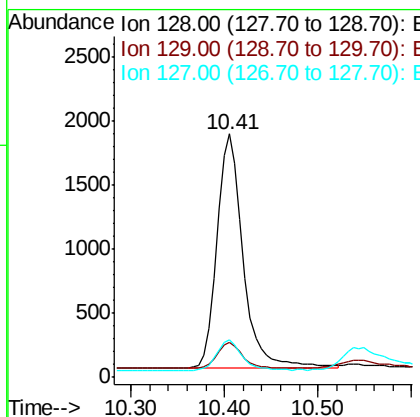
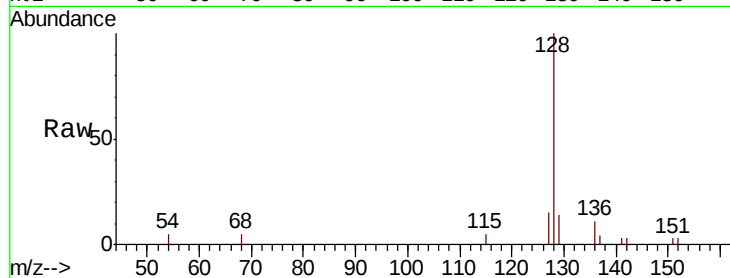
#3
Naphthalene
Concen: 0.149 ng/ul
RT: 10.41 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BN008263.D
Acq: 19 Oct 2019 11:05

Instrument :
BNA_N
ClientSampleId :
BEP95DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.2	9.8	14.8
127	15.4	11.1	16.7

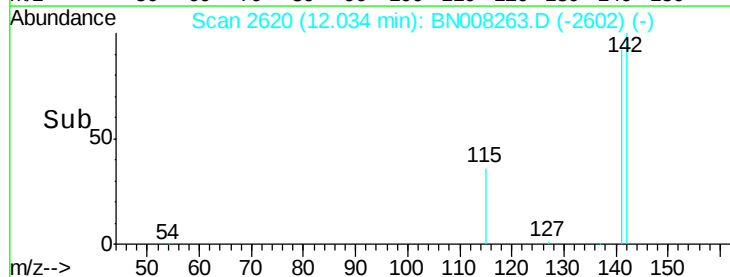
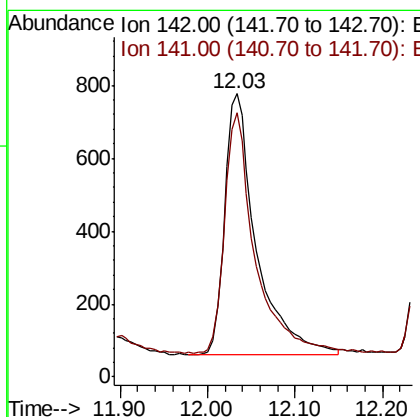
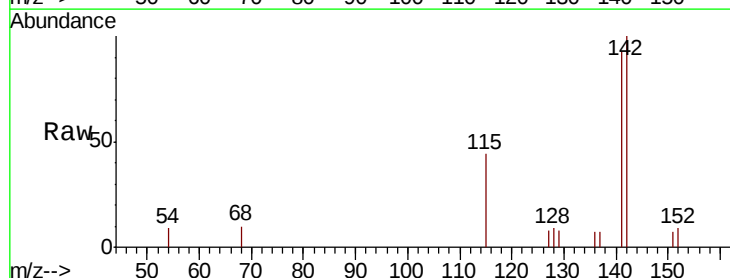
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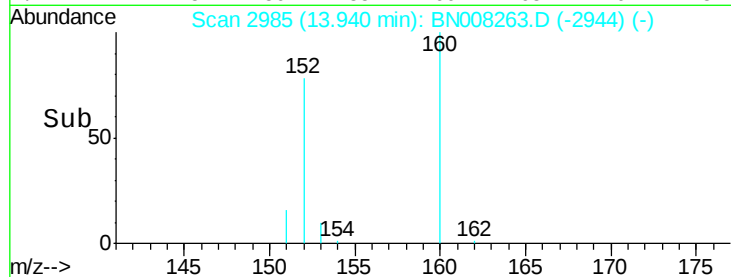
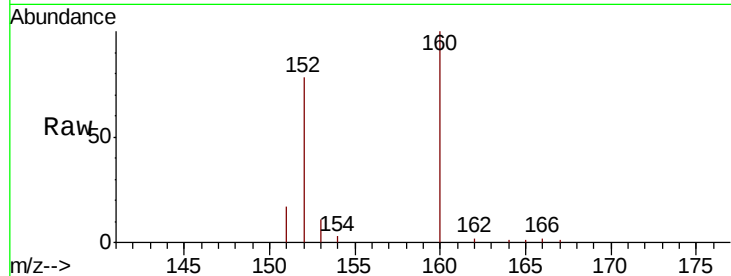
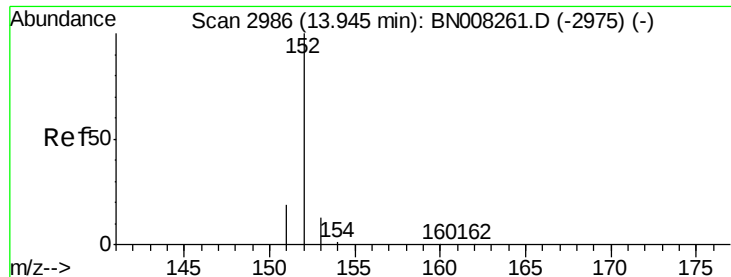
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#5
2-Methylnaphthalene
Concen: 0.110 ng/ul
RT: 12.03 min Scan# 2620
Delta R.T. 0.00 min
Lab File: BN008263.D
Acq: 19 Oct 2019 11:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.4	107.2





#7

Acenaphthylene

Concen: 0.322 ng/ul

RT: 13.94 min Scan# 2985

Delta R.T. -0.01 min

Lab File: BN008263.D

Acq: 19 Oct 2019 11:05

Instrument :

BNA_N

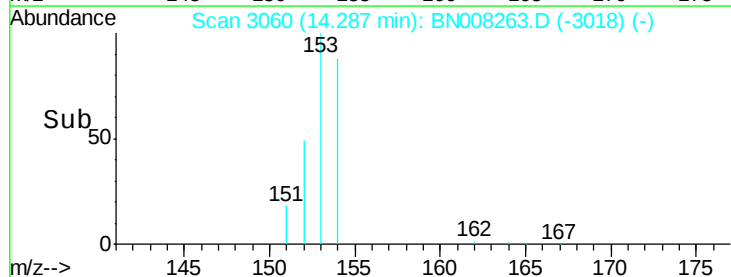
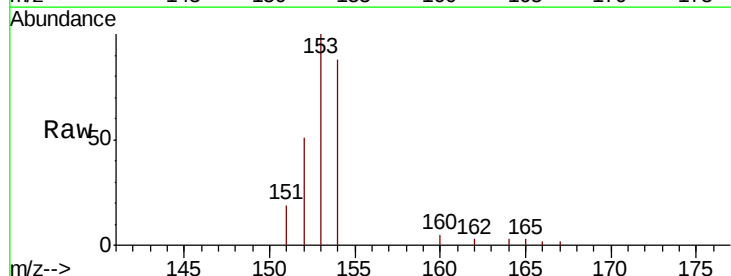
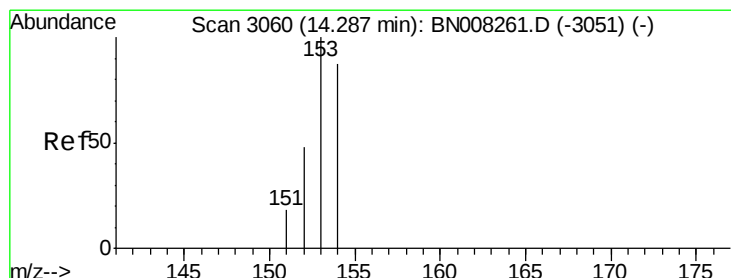
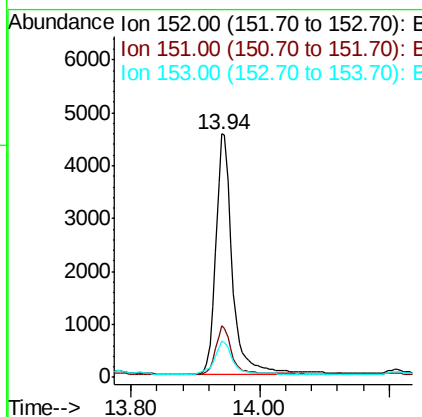
ClientSampleId :

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Tot Ion:	152	Resp:	8161
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.2	24.4
153	14.7	11.0	16.4

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#8

Acenaphthene

Concen: 0.228 ng/ul

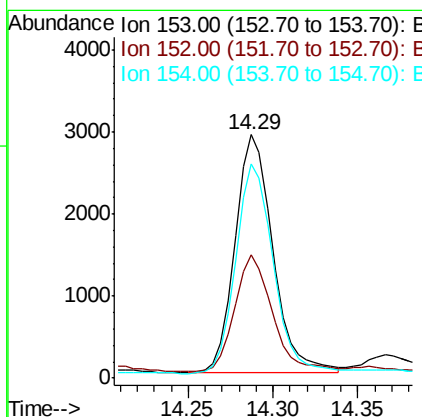
RT: 14.29 min Scan# 3060

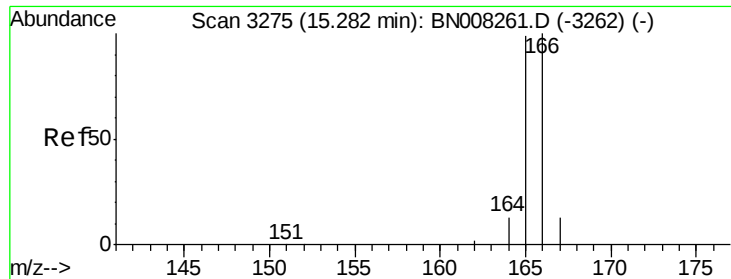
Delta R.T. -0.00 min

Lab File: BN008263.D

Acq: 19 Oct 2019 11:05

Tgt Ion:	153	Resp:	4496
Ion Ratio	Lower	Upper	
153	100		
152	50.8	38.2	57.2
154	88.0	71.8	107.8





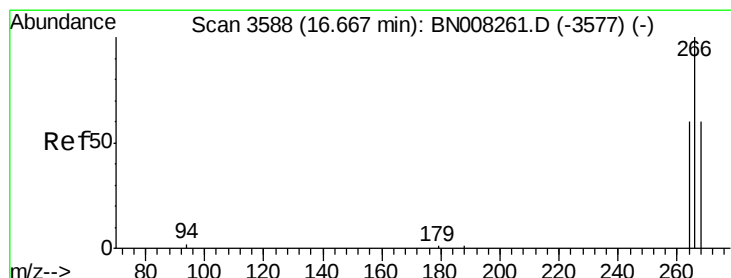
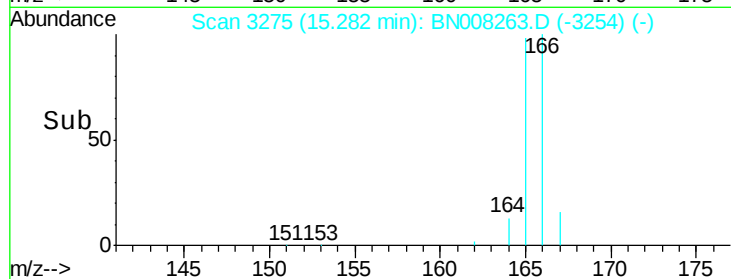
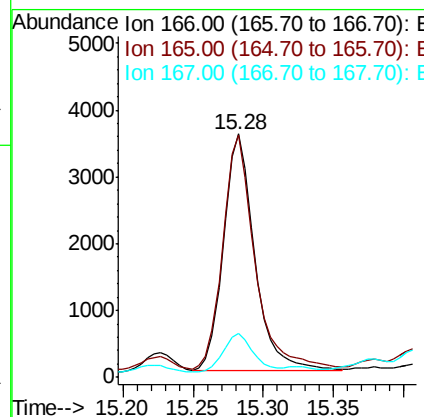
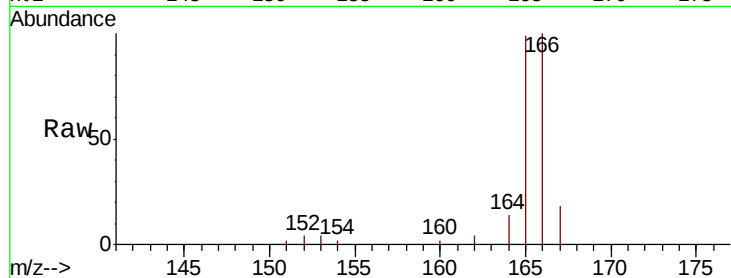
#9
Fluorene
 Concen: 0.246 ng/ul
 RT: 15.28 min Scan# 3275
 Delta R.T. -0.00 min
 Lab File: BN008263.D
 Acq: 19 Oct 2019 11:05

Instrument :
 BNA_N
 ClientSampleId :
 BEP95DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	76.6	115.0
167	18.0	11.7	17.5

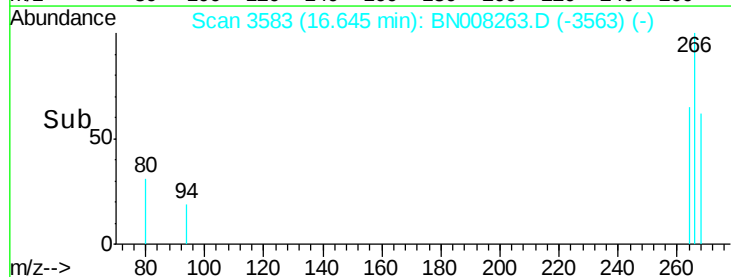
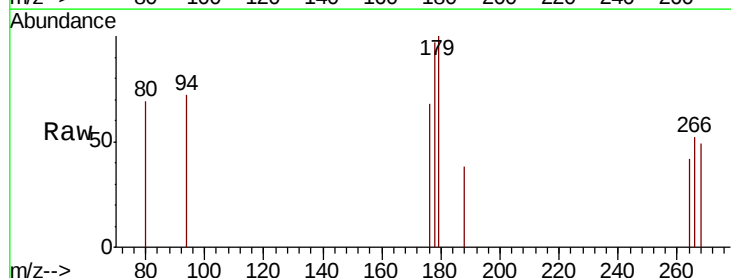
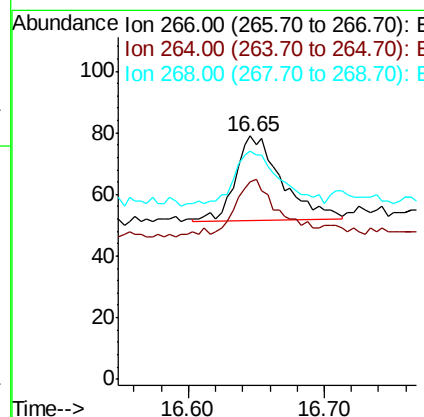
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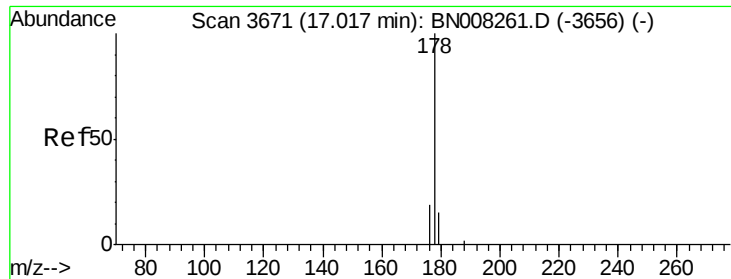
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#11
Pentachlorophenol
 Concen: 0.023 ng/ul
 RT: 16.65 min Scan# 3583
 Delta R.T. -0.02 min
 Lab File: BN008263.D
 Acq: 19 Oct 2019 11:05

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.5	50.1	75.1
268	69.2	51.9	77.9





#12

Phenanthrene

Concen: 3.365 ng/ul

RT: 17.01 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BN008263.D

Acq: 19 Oct 2019 11:05

Instrument :

BNA_N

ClientSampleId :

BEP95DL

Tot Ion:178 Resp: 116378

Ion Ratio Lower Upper

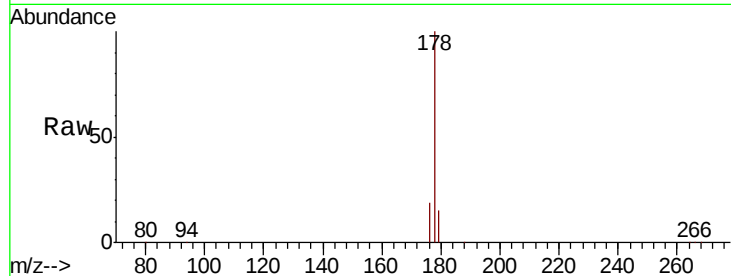
178 100

179 15.3 12.8 19.2

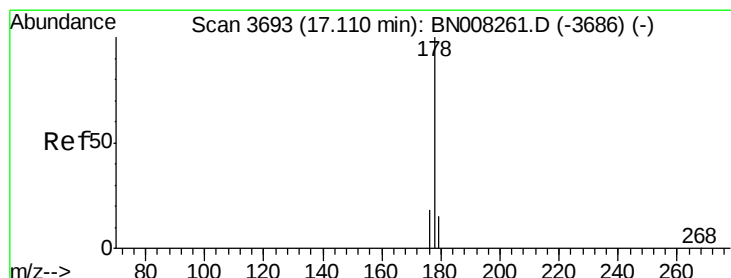
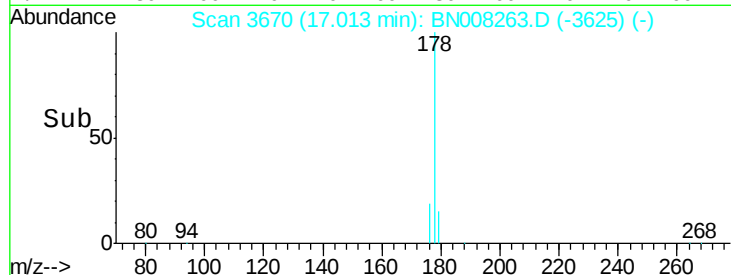
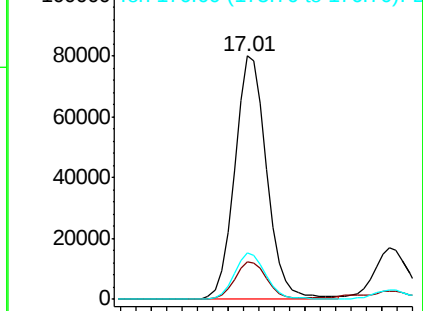
176 18.9 15.4 23.2

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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: 0.785 ng/ul

RT: 17.11 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BN008263.D

Acq: 19 Oct 2019 11:05

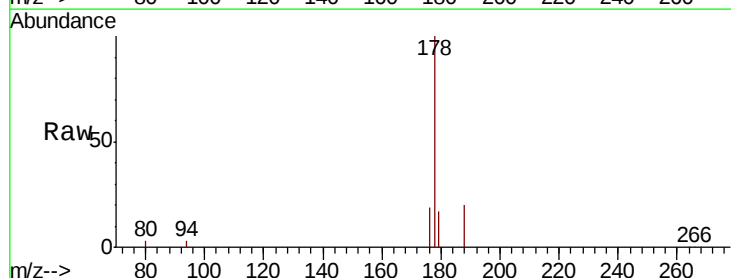
Tgt Ion:178 Resp: 23907

Ion Ratio Lower Upper

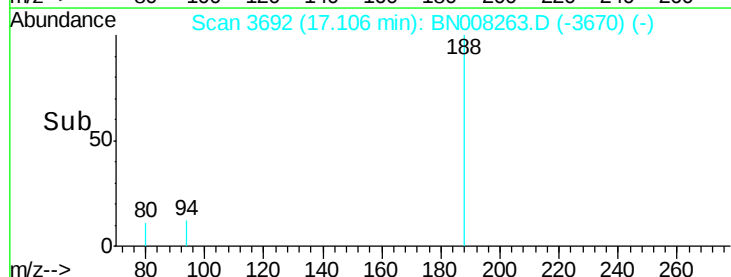
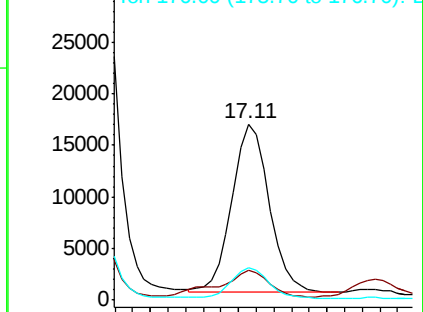
178 100

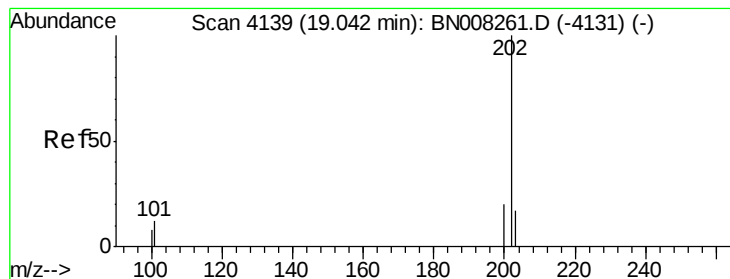
179 16.6 13.0 19.6

176 18.7 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: 5.923 ng/ul

RT: 19.04 min Scan# 4139

Delta R.T. -0.00 min

Lab File: BN008263.D

Acq: 19 Oct 2019 11:05

Instrument :

BNA_N

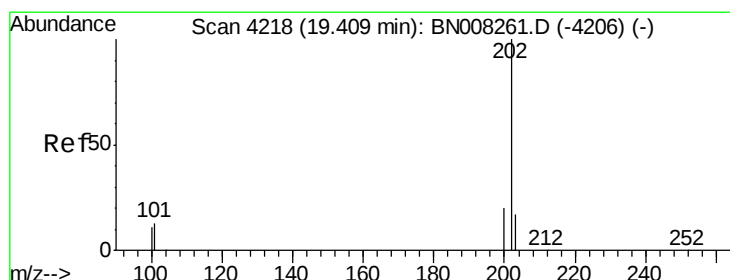
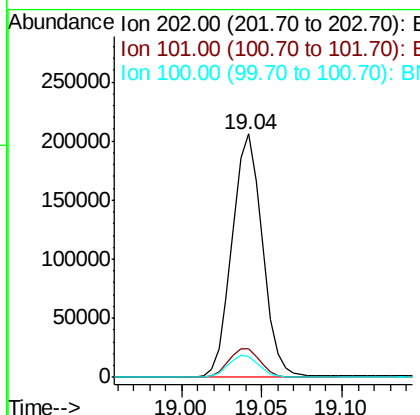
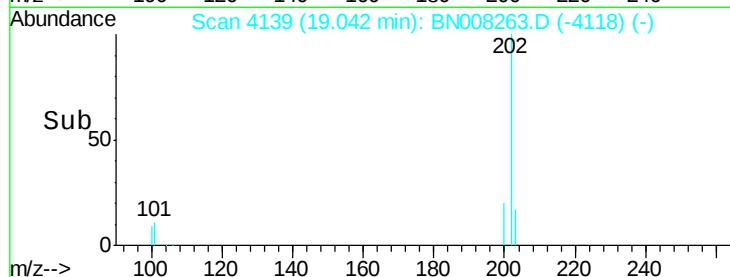
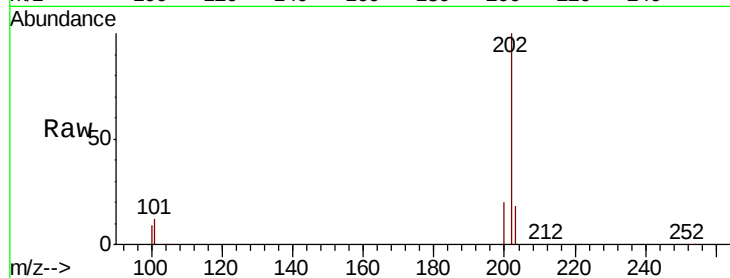
ClientSampleId :

BEP95DL

Tot Ion:	202	Resp:	270562
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	31.2
100	8.7	0.0	28.5

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#17

Pyrene

Concen: 6.034 ng/ul

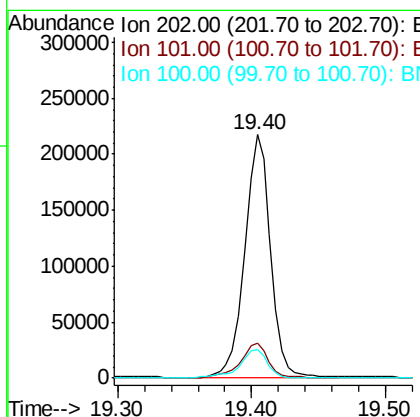
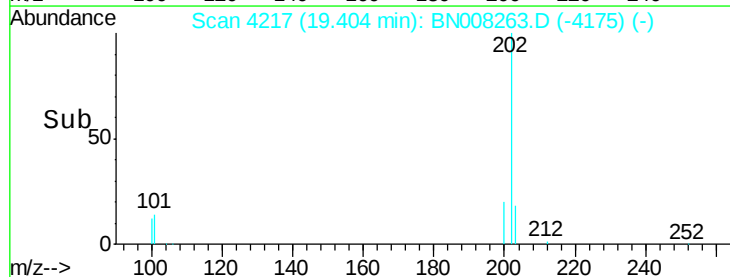
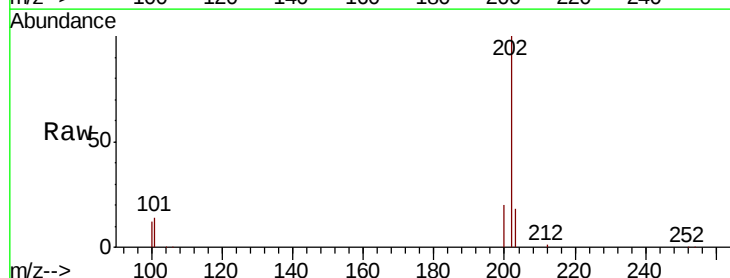
RT: 19.40 min Scan# 4217

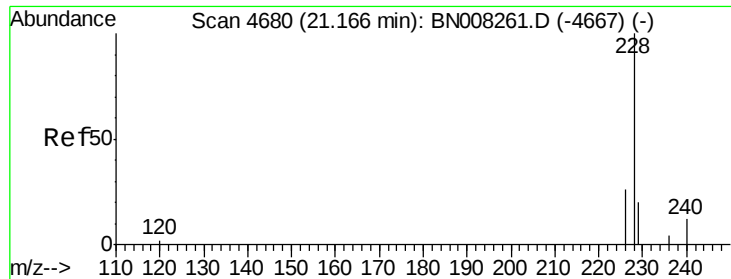
Delta R.T. -0.00 min

Lab File: BN008263.D

Acq: 19 Oct 2019 11:05

Tgt Ion:	202	Resp:	291633
Ion Ratio	Lower	Upper	
202	100		
101	14.2	10.9	16.3
100	11.5	8.7	13.1





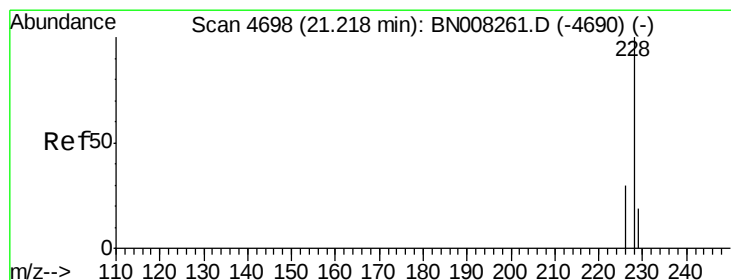
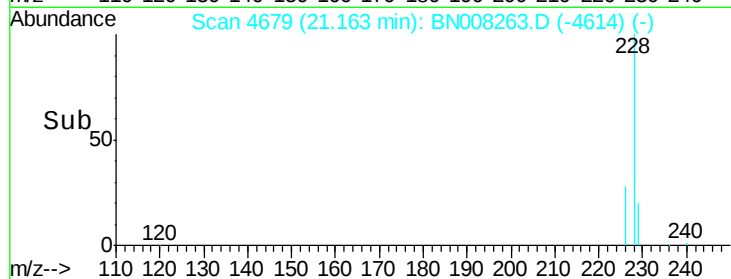
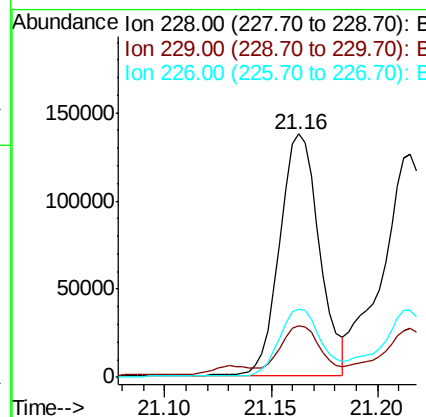
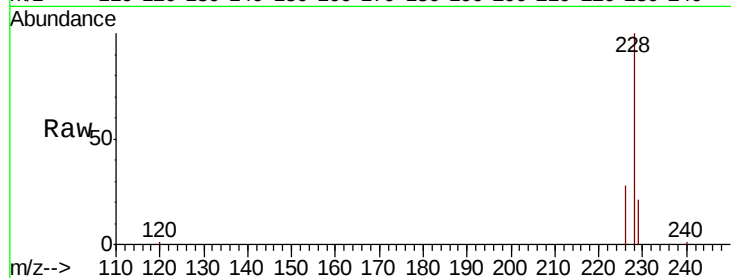
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Benzo(a)anthracene
Concen: 4.025 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.01 min
Lab File: BN008263.D
Acq: 19 Oct 2019 11:05

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Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.2	24.2
226	28.1	21.4	32.0

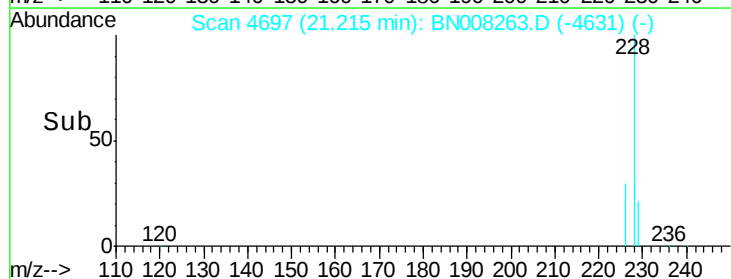
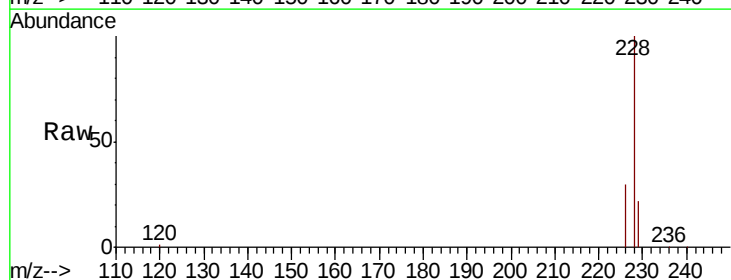
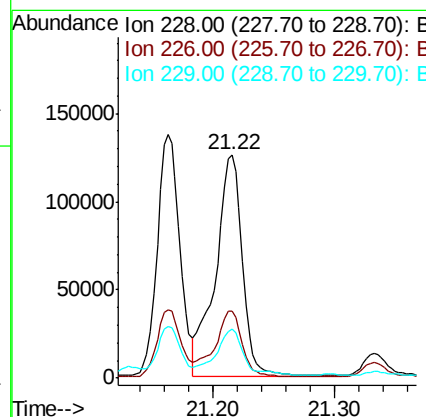
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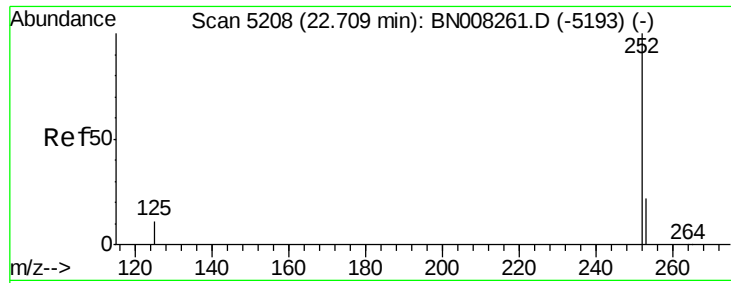
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#19
Chrysene
Concen: 3.577 ng/ul
RT: 21.22 min Scan# 4697
Delta R.T. -0.01 min
Lab File: BN008263.D
Acq: 19 Oct 2019 11:05

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





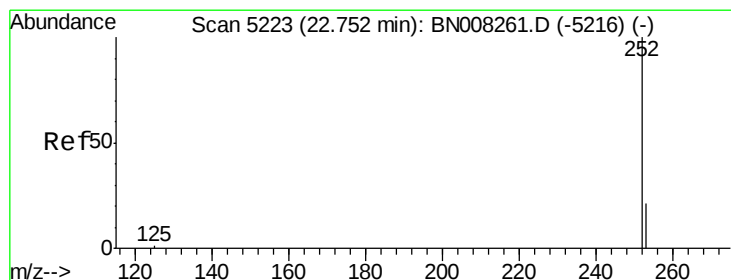
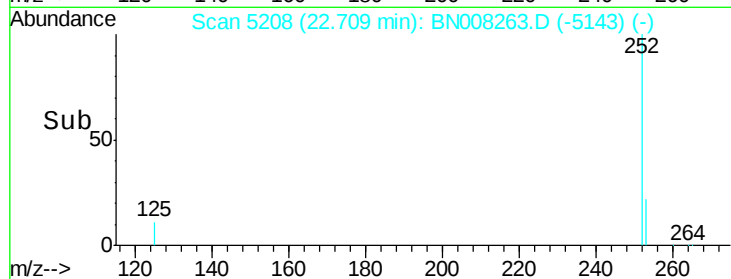
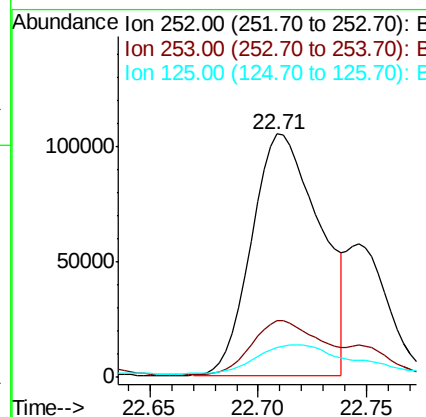
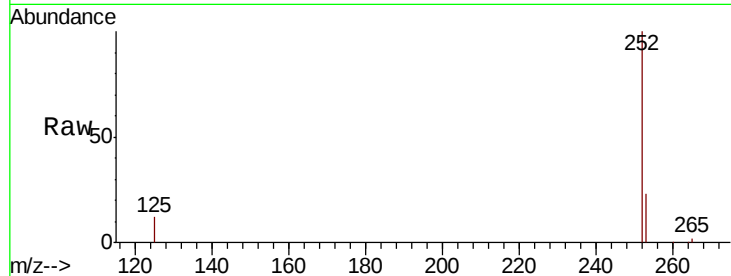
#21
Benzo(b)fluoranthene
Concen: 5.378 ng/ul m
RT: 22.71 min Scan# 5208
Delta R.T. -0.01 min
Lab File: BN008263.D
Acq: 19 Oct 2019 11:05

Instrument :
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ClientSampleId :
BEP95DL

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.3	0.0	53.4
125	12.3	0.0	32.4

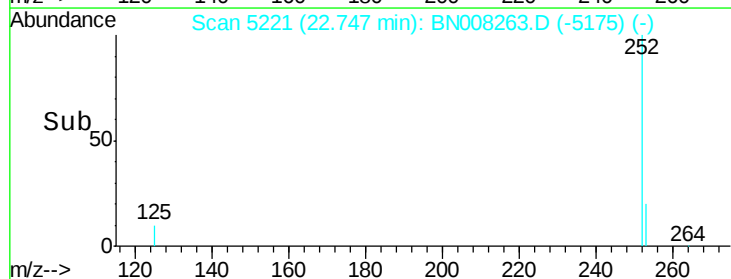
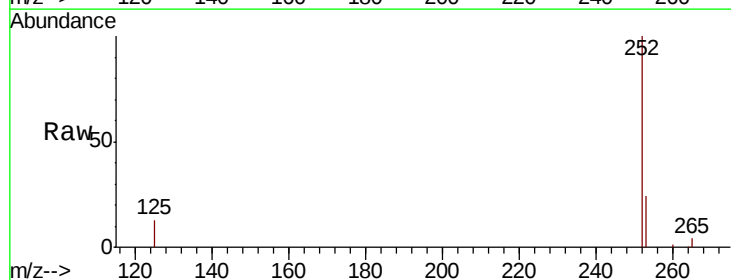
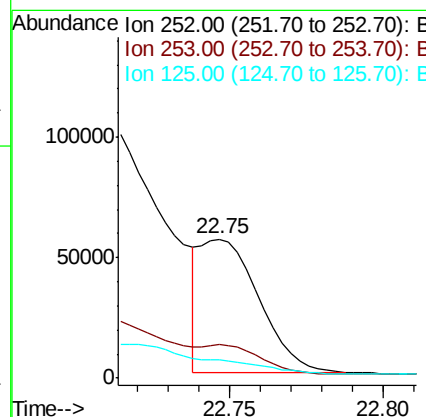
Manual Integrations
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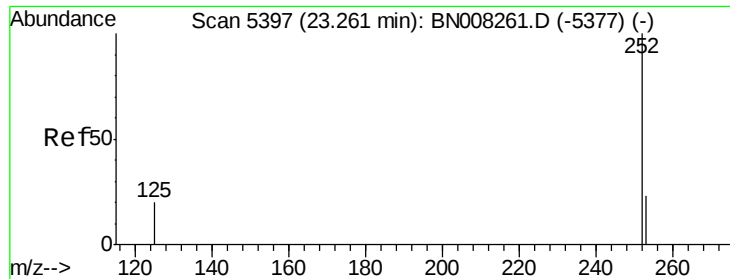
mohammad
10/20/2019 8:03:25 PM



#22
Benzo(k)fluoranthene
Concen: 1.536 ng/ul m
RT: 22.75 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN008263.D
Acq: 19 Oct 2019 11:05

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.1	21.3	31.9
125	12.9	12.3	18.5





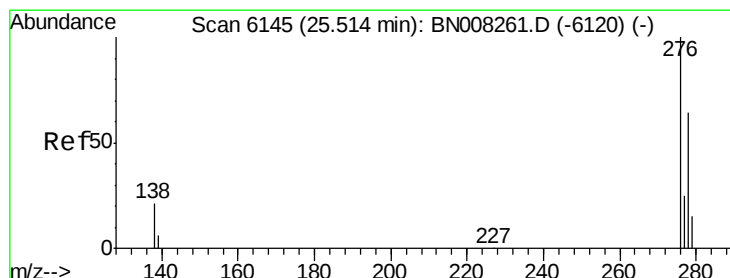
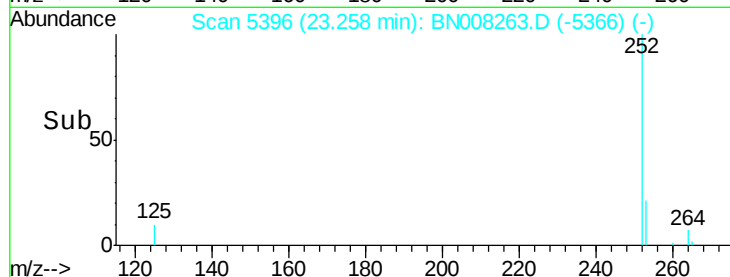
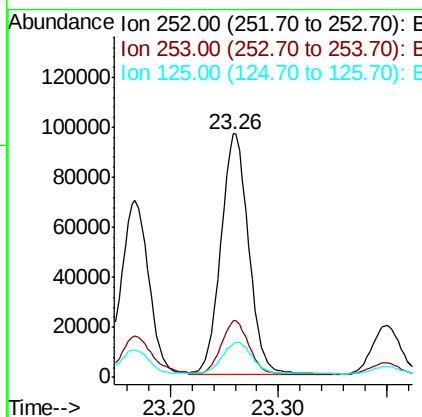
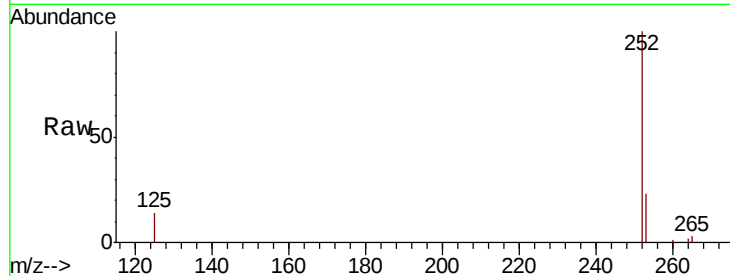
#23
Benzo(a)pyrene
Concen: 3.860 ng/u1
RT: 23.26 min Scan# 5396
Delta R.T. -0.01 min
Lab File: BN008263.D
Acq: 19 Oct 2019 11:05

Instrument :
BNA_N
ClientSampleId :
BEP95DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	22.8	34.2
125	14.0	18.4	27.6#

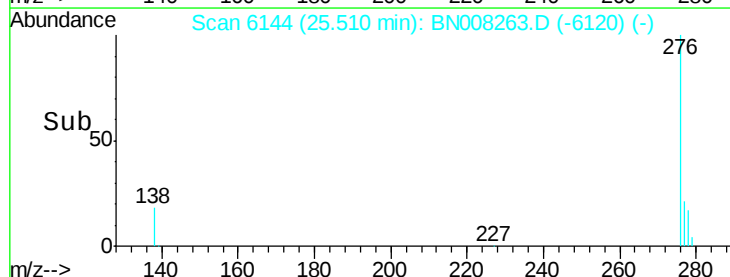
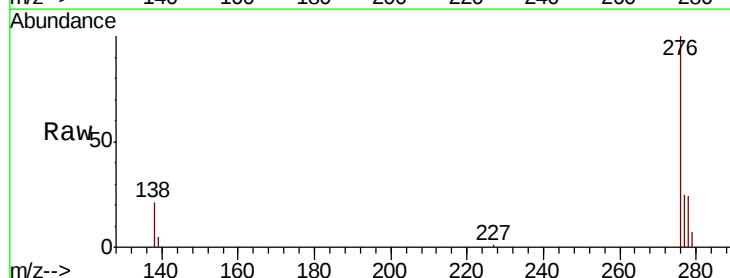
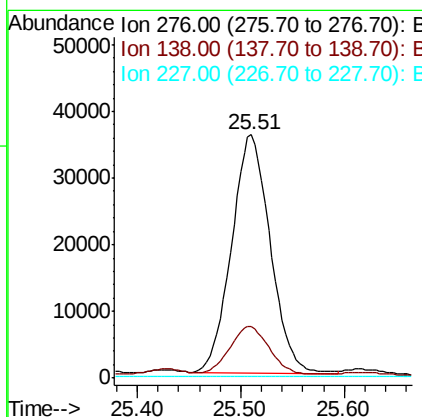
Manual Integrations
APPROVED

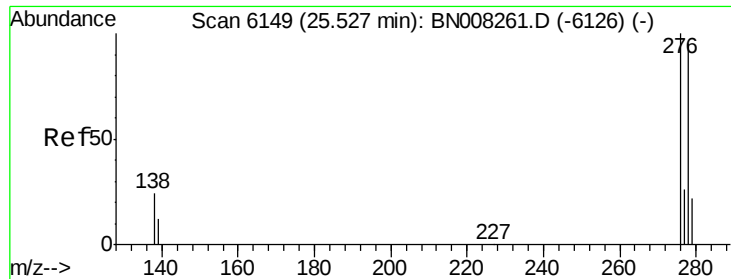
mohammad
10/20/2019 8:03:25 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 1.774 ng/u1
RT: 25.51 min Scan# 6144
Delta R.T. -0.02 min
Lab File: BN008263.D
Acq: 19 Oct 2019 11:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.1	24.1
227	0.2	0.2	0.2





#25

Dibenzo(a,h)anthracene

Concen: 0.607 ng/ul

RT: 25.51 min Scan# 6145

Delta R.T. -0.03 min

Lab File: BN008263.D

Acq: 19 Oct 2019 11:05

Instrument :

BNA_N

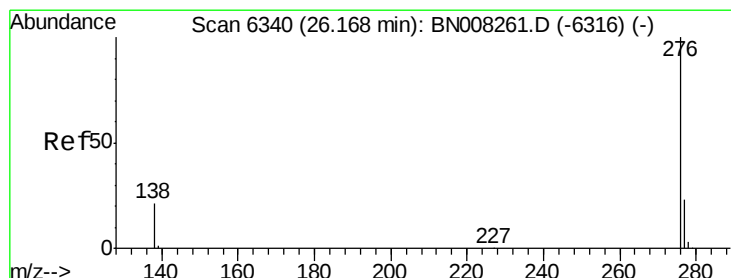
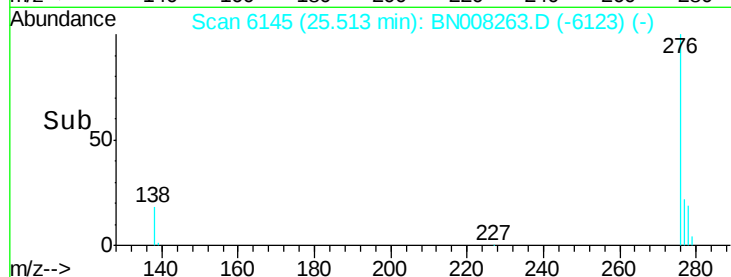
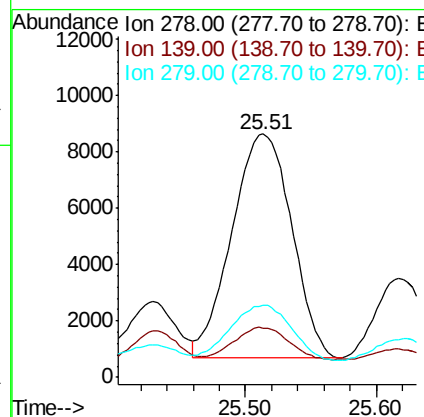
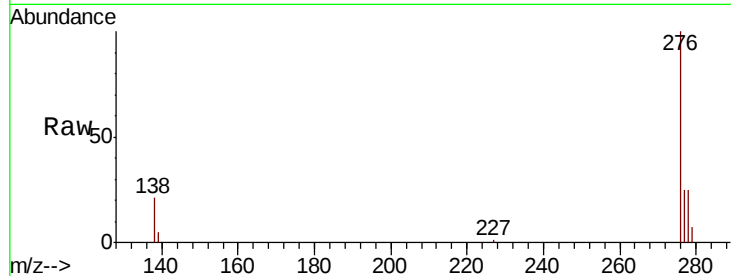
ClientSampleId :

BEP95DL

Tot Ion:	278	Resp:	25177
Ion Ratio	Lower	Upper	
278	100		
139	20.4	15.0	22.6
279	29.5	22.4	33.6

Manual Integrations
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#26

Benzo(g,h,i)perylene

Concen: 1.825 ng/ul

RT: 26.17 min Scan# 6340

Delta R.T. -0.02 min

Lab File: BN008263.D

Acq: 19 Oct 2019 11:05

Tgt Ion:	276	Resp:	87871
Ion Ratio	Lower	Upper	
276	100		
138	21.2	17.0	25.4
277	24.5	20.4	30.6

