

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
 Data File : BN008278.D
 Acq On : 21 Oct 2019 12:13
 Operator : JU
 Sample : K5199-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEP75

Manual Integrations
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 10/22/2019 3:27:04 PM

Quant Time: Oct 21 15:50:39 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 15:18:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1846	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	8865	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5533	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12121m	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	12159	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	14046	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	3322	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	10153	0.24	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.40	128	848	0.034	ng/ul#	77
5) 2-Methylnaphthalene	12.03	142	464	0.027	ng/ul	97
7) Acenaphthylene	13.94	152	1289	0.049	ng/ul#	89
8) Acenaphthene	14.29	153	527	0.026	ng/ul	95
9) Fluorene	15.28	166	732	0.031	ng/ul#	93
12) Phenanthrene	17.01	178	15891	0.448	ng/ul	100
13) Anthracene	17.11	178	2305	0.074	ng/ul#	93
15) Fluoranthene	19.04	202	35181	0.751	ng/ul	97
17) Pyrene	19.40	202	30272	0.625	ng/ul	99
18) Benzo(a)anthracene	21.16	228	14383	0.325	ng/ul	96
19) Chrysene	21.21	228	18512	0.341	ng/ul	97
21) Benzo(b)fluoranthene	22.71	252	23436m	0.513	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	8858m	0.171	ng/ul	
23) Benzo(a)pyrene	23.26	252	14583	0.303	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	25.51	276	9317	0.164	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.51	278	1974	0.044	ng/ul#	64
26) Benzo(a,h,i)perylene	26.16	276	7838	0.151	ng/ul#	94

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

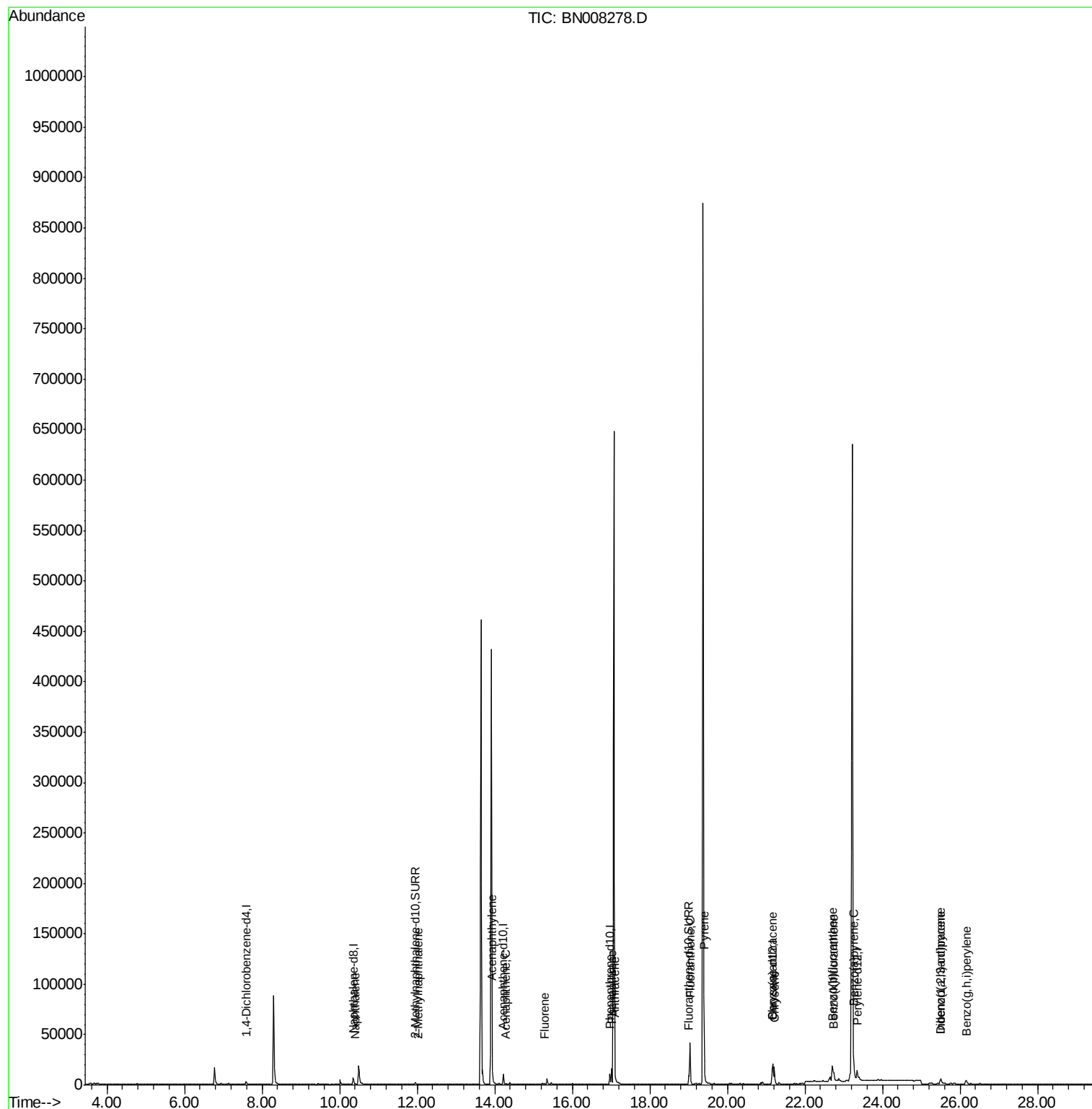
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008278.D
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ALS Vial : 7 Sample Multiplier: 1

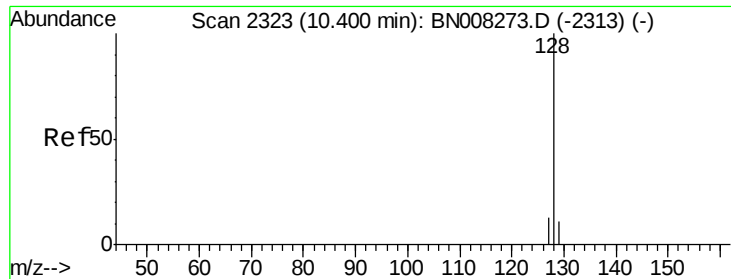
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 15:18:52 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.034 ng/ul

RT: 10.40 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BN008278.D

Acq: 21 Oct 2019 12:13

Instrument :

BNA_N

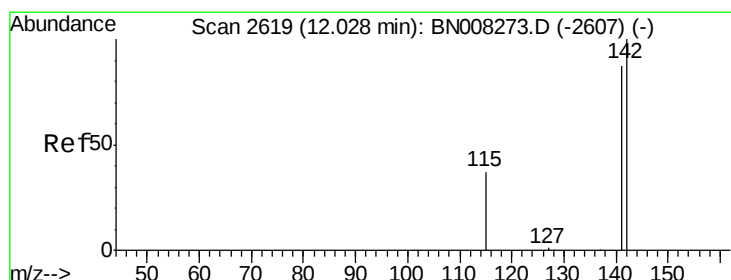
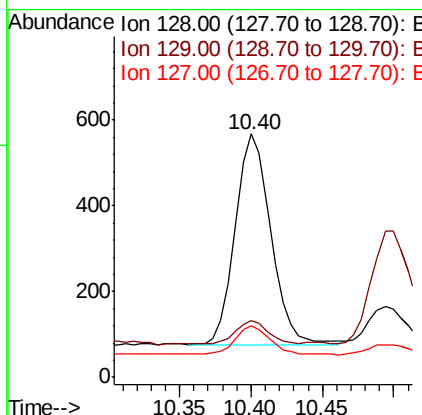
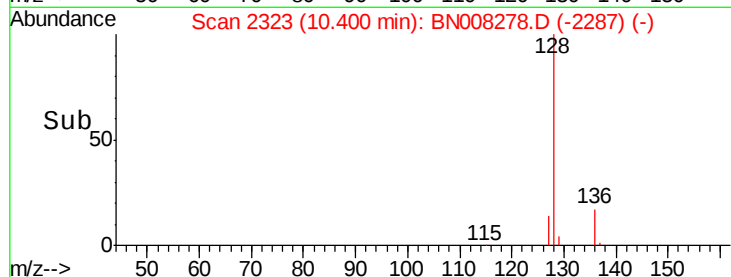
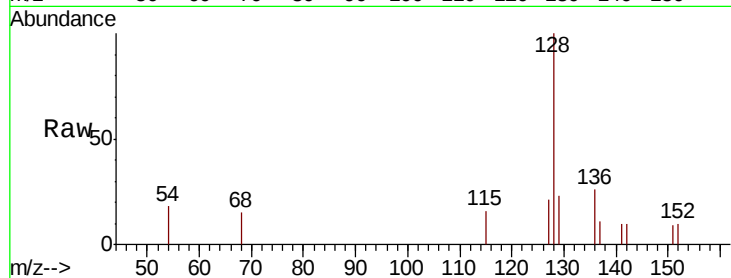
ClientSampleId :

BEP75

Tot Ion:	128	Resp:	848
Ion	Ratio	Lower	Upper
128	100		
129	23.4	9.8	14.8#
127	21.3	11.1	16.7#

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#5

2-Methylnaphthalene

Concen: 0.027 ng/ul

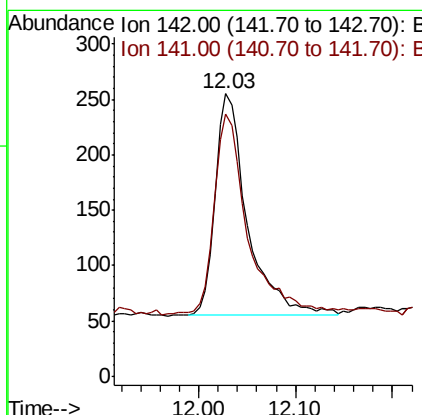
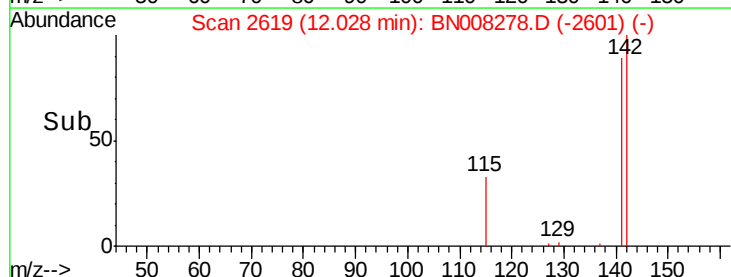
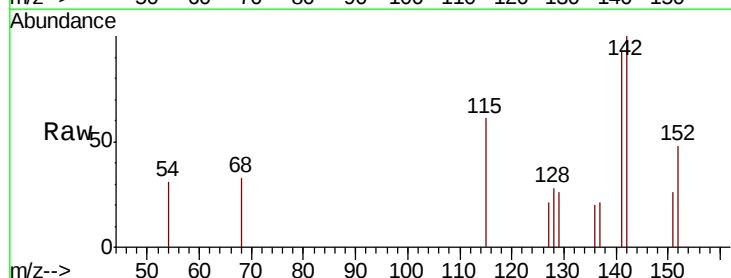
RT: 12.03 min Scan# 2619

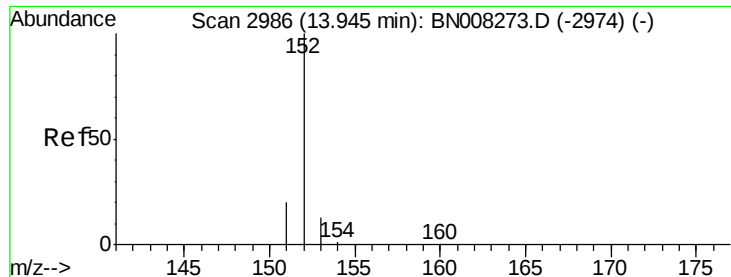
Delta R.T. 0.00 min

Lab File: BN008278.D

Acq: 21 Oct 2019 12:13

Tgt Ion:	142	Resp:	464
Ion	Ratio	Lower	Upper
142	100		
141	92.0	71.4	107.2





#7

Acenaphthylene

Concen: 0.049 ng/ul

RT: 13.94 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BN008278.D

Acq: 21 Oct 2019 12:13

Instrument :

BNA_N

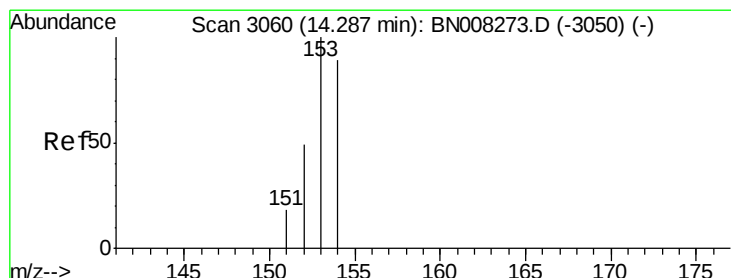
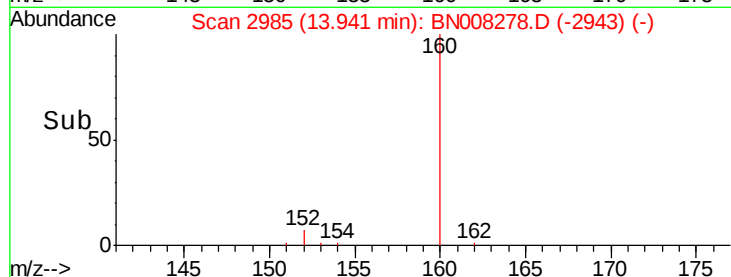
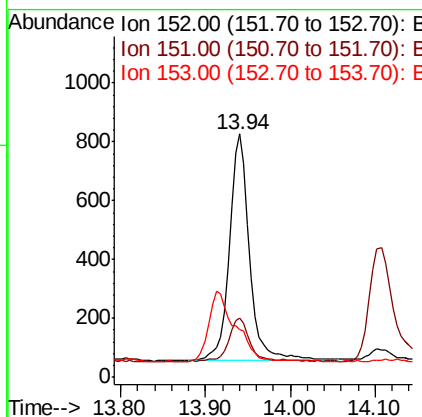
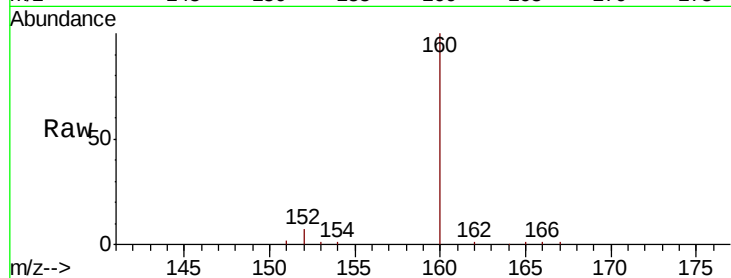
ClientSampled :

BEP75

Tot Ion:	152	Resp:	1289
Ion Ratio	Lower	Upper	
152	100		
151	24.5	16.2	24.4#
153	19.5	11.0	16.4#

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#8

Acenaphthene

Concen: 0.026 ng/ul

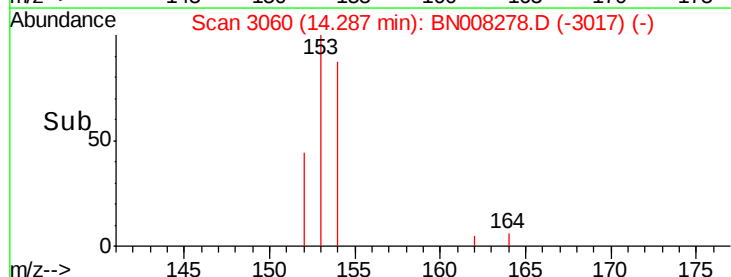
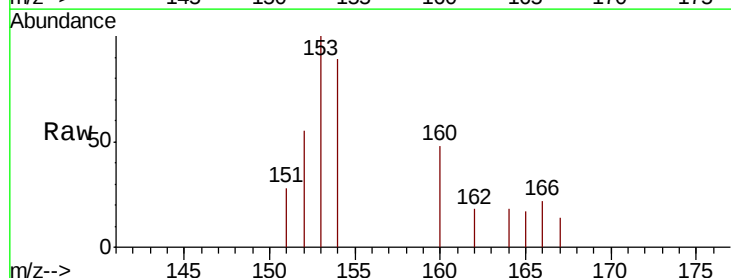
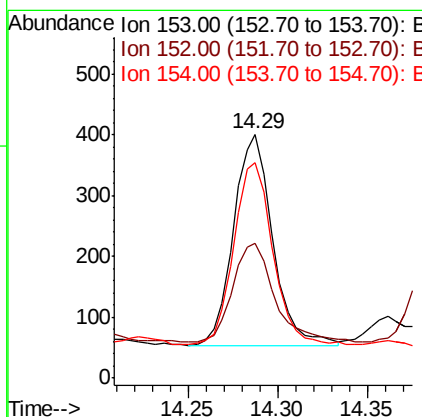
RT: 14.29 min Scan# 3060

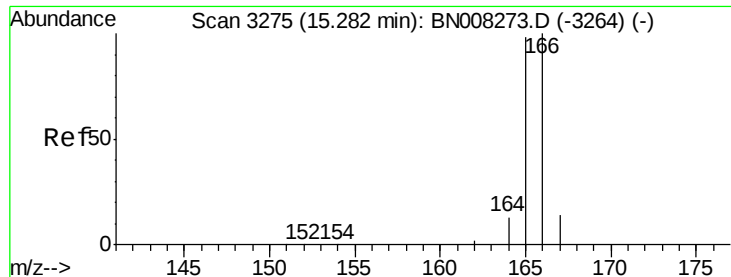
Delta R.T. 0.00 min

Lab File: BN008278.D

Acq: 21 Oct 2019 12:13

Tgt Ion:	153	Resp:	527
Ion Ratio	Lower	Upper	
153	100		
152	55.4	38.2	57.2
154	88.5	71.8	107.8





#9

Fluorene

Concen: 0.031 ng/ul

RT: 15.28 min Scan# 3274

Delta R.T. -0.00 min

Lab File: BN008278.D

Acq: 21 Oct 2019 12:13

Instrument :

BNA_N

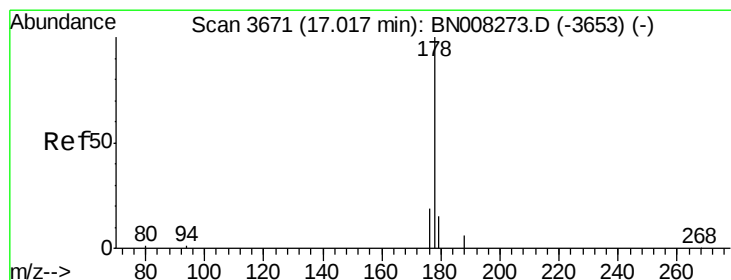
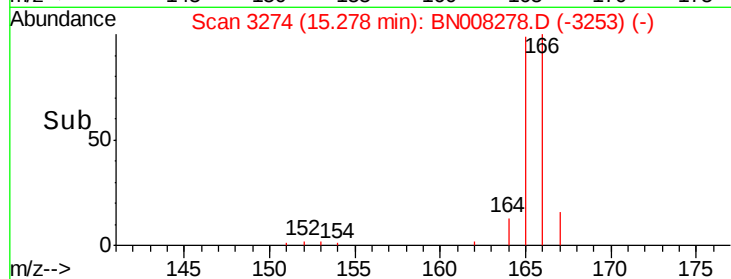
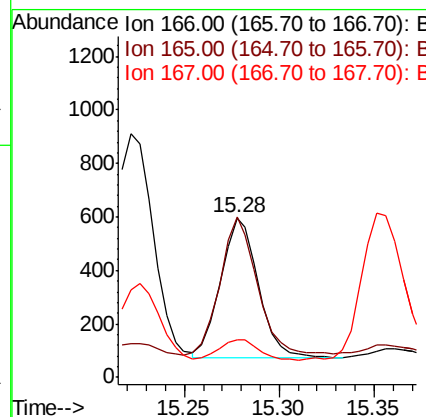
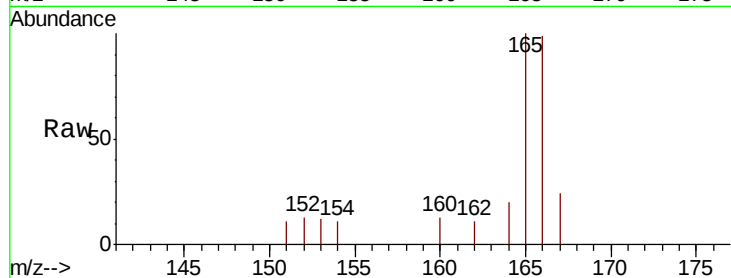
ClientSampled :

BEP75

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.7	76.6	115.0
167	24.0	11.7	17.5#

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#12

Phenanthrene

Concen: 0.448 ng/ul

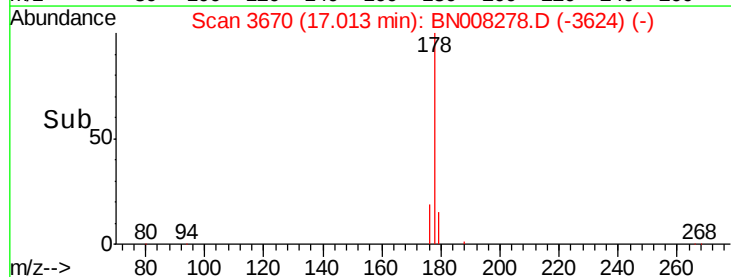
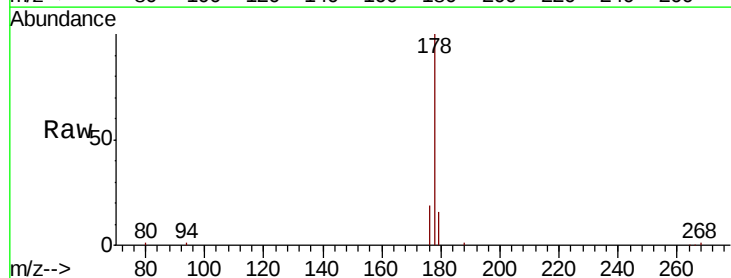
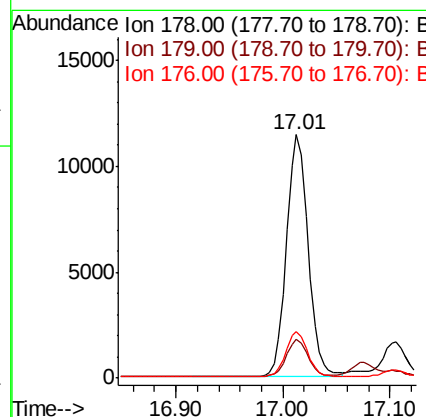
RT: 17.01 min Scan# 3670

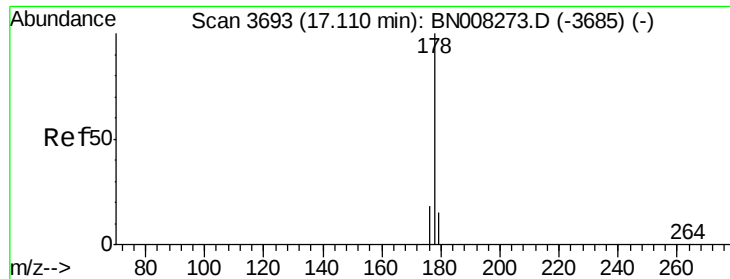
Delta R.T. -0.00 min

Lab File: BN008278.D

Acq: 21 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.8	19.2
176	19.3	15.4	23.2





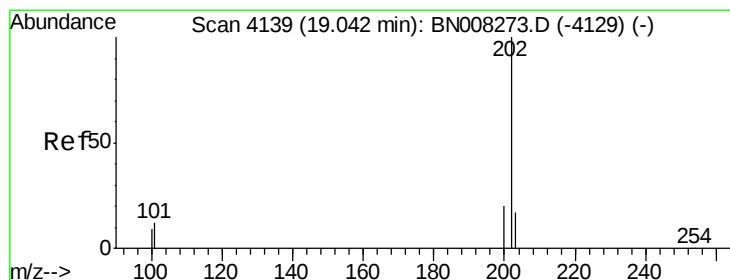
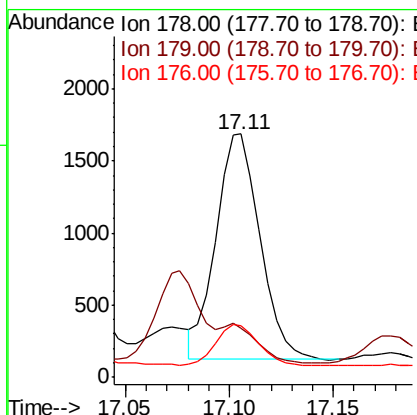
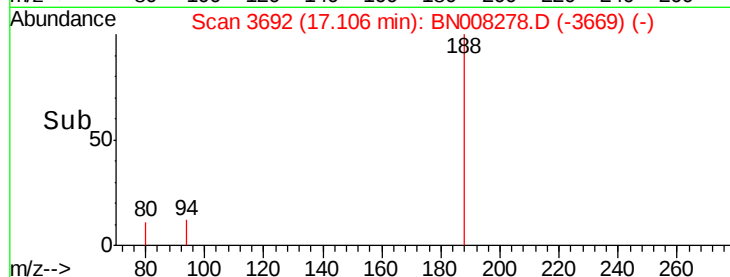
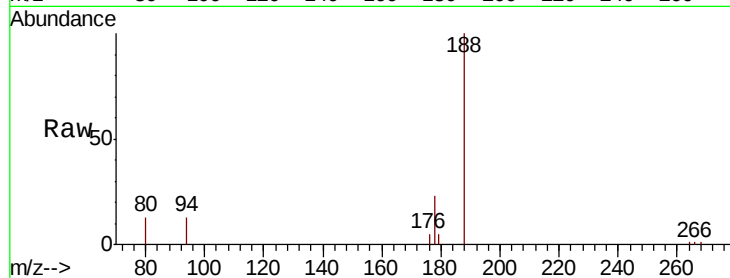
#13
 Anthracene
 Concen: 0.074 ng/ul
 RT: 17.11 min Scan# 3692
 Delta R.T. -0.00 min
 Lab File: BN008278.D
 Acq: 21 Oct 2019 12:13

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	20.3	13.0	19.6#
176	21.1	15.0	22.6

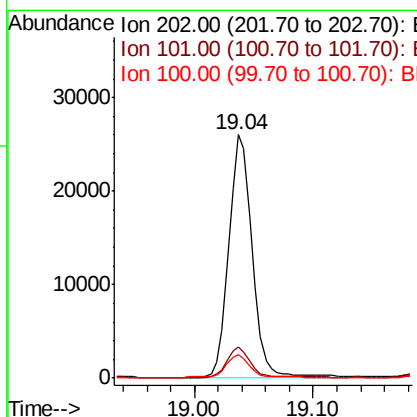
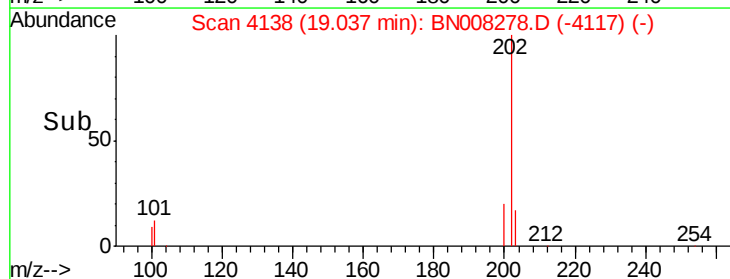
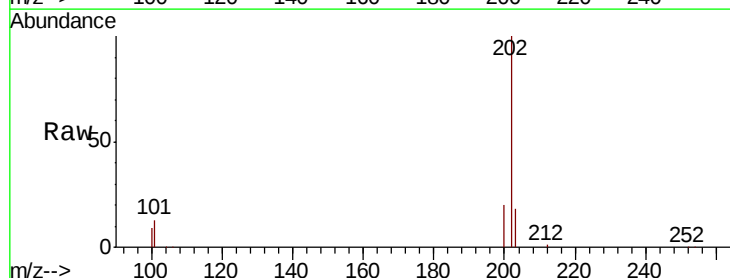
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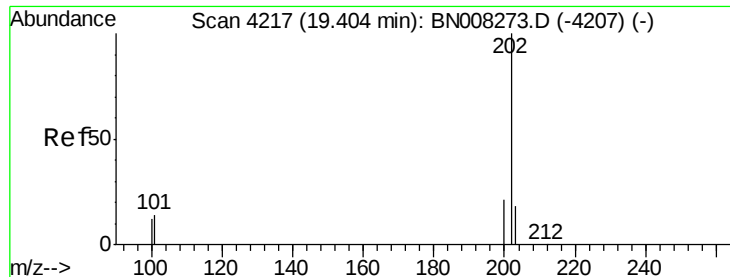
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#15
 Fluoranthene
 Concen: 0.751 ng/ul
 RT: 19.04 min Scan# 4138
 Delta R.T. -0.00 min
 Lab File: BN008278.D
 Acq: 21 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.2
100	9.5	0.0	28.5





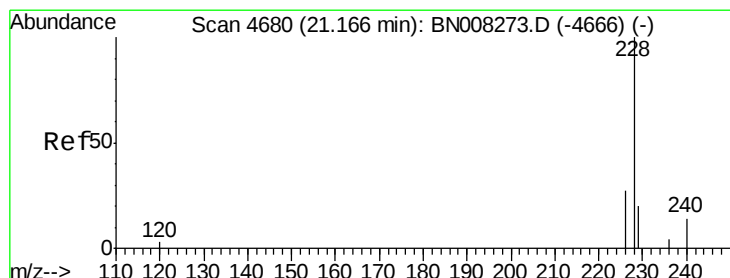
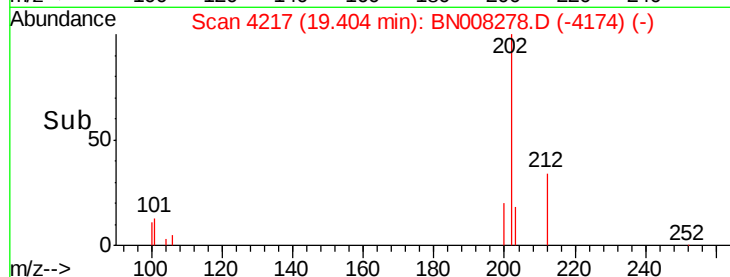
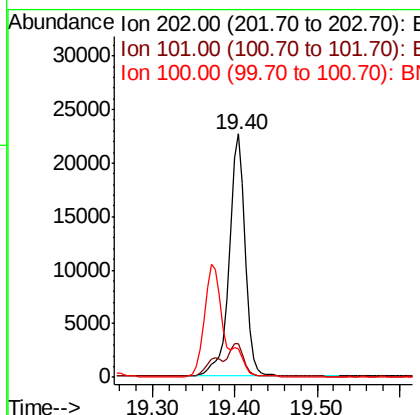
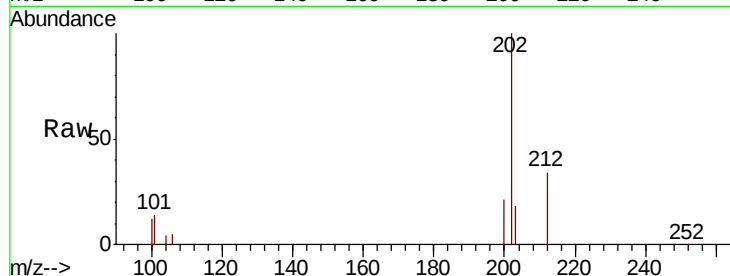
#17
Pvrene
Concen: 0.625 ng/ul
RT: 19.40 min Scan# 4217
Delta R.T. 0.00 min
Lab File: BN008278.D
Acq: 21 Oct 2019 12:13

Instrument :
BNA_N
ClientSampleId :
BEP75

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.9	16.3
100	11.6	8.7	13.1

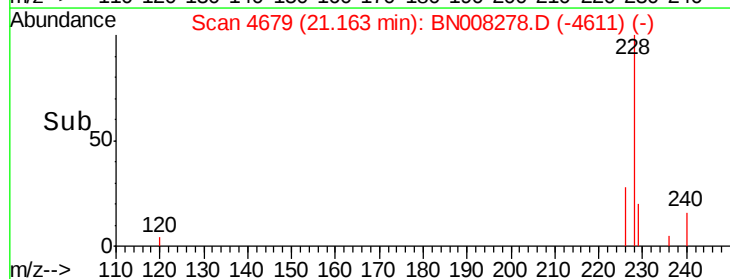
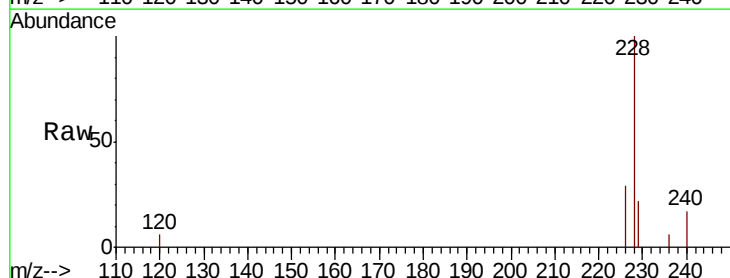
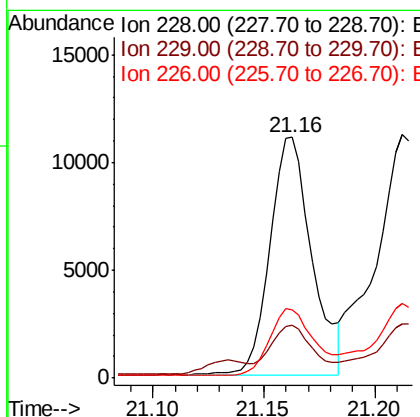
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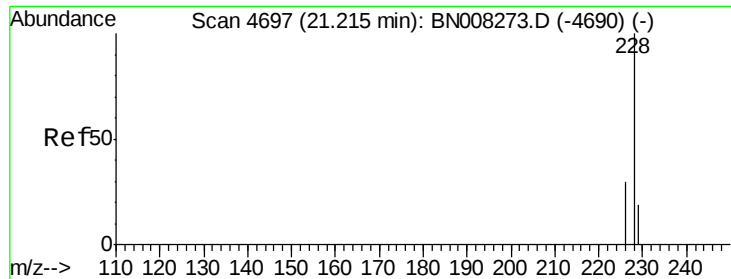
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#18
Benzo(a)anthracene
Concen: 0.325 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BN008278.D
Acq: 21 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.2	24.2
226	28.6	21.4	32.0





#19

Chrysene

Concen: 0.341 ng/ul

RT: 21.21 min Scan# 4696

Delta R.T. -0.00 min

Lab File: BN008278.D

Acq: 21 Oct 2019 12:13

Instrument :

BNA_N

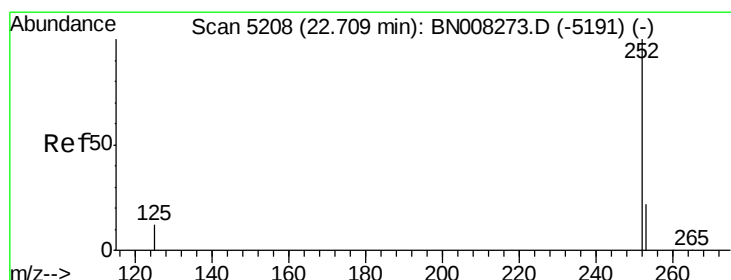
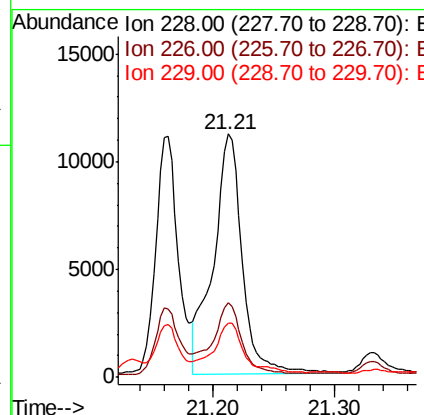
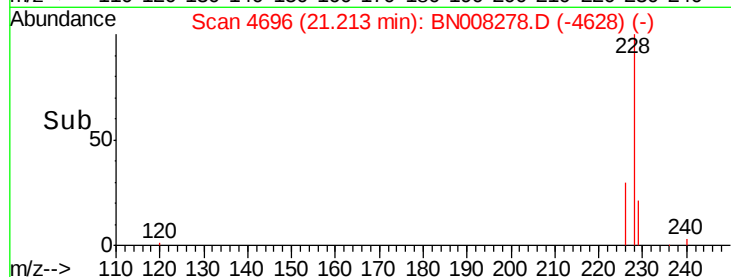
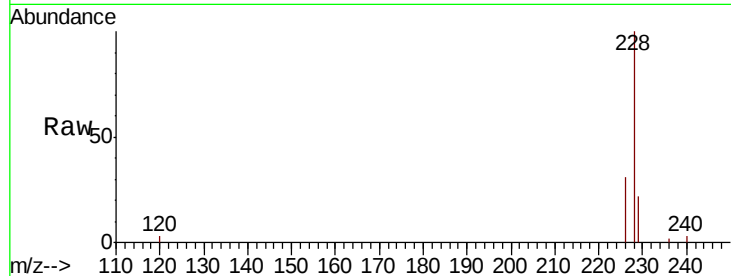
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Tot Ion:	228	Resp:	18512
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.1	36.1
229	22.5	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 0.513 ng/ul m

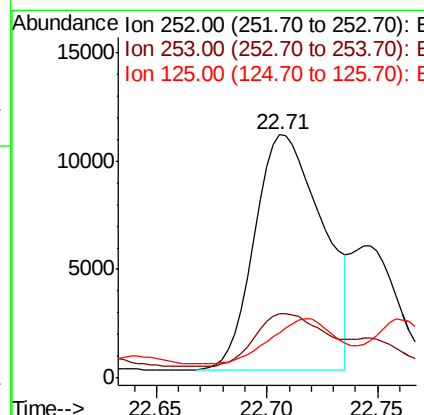
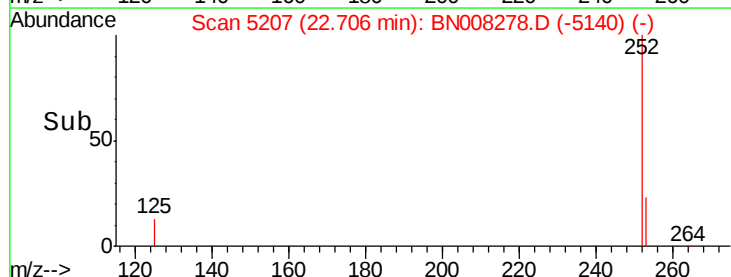
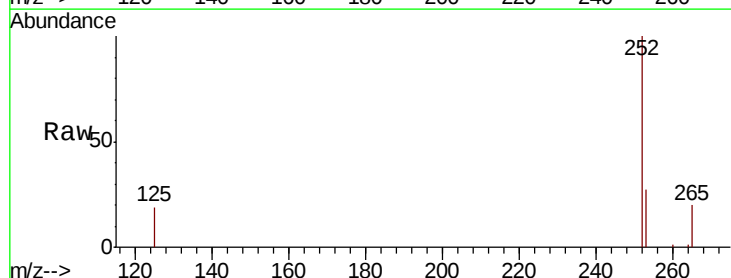
RT: 22.71 min Scan# 5207

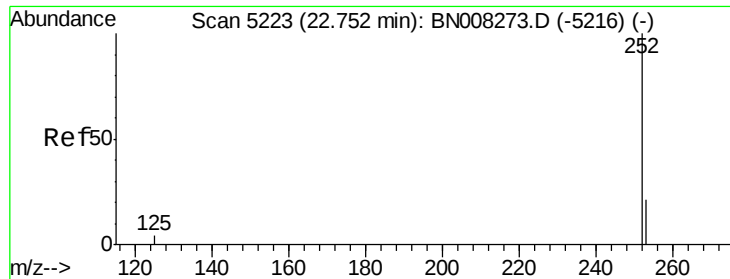
Delta R.T. -0.00 min

Lab File: BN008278.D

Acq: 21 Oct 2019 12:13

Tgt Ion:	252	Resp:	23436
Ion Ratio	Lower	Upper	
252	100		
253	26.6	0.0	53.4
125	18.5	0.0	32.4





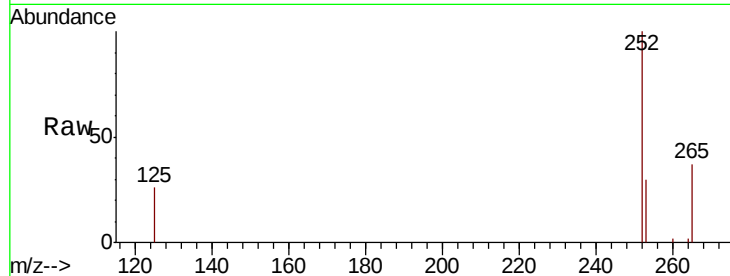
#22
Benzo(k)fluoranthene
Concen: 0.171 ng/ul m
RT: 22.74 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BN008278.D
Acq: 21 Oct 2019 12:13

Instrument :
BNA_N
ClientSampled :
BEP75

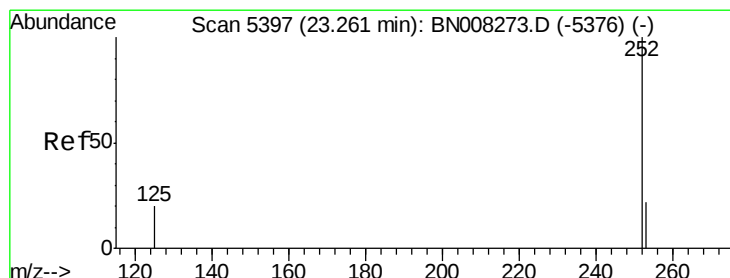
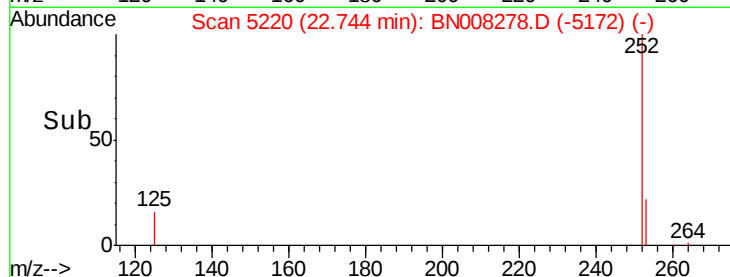
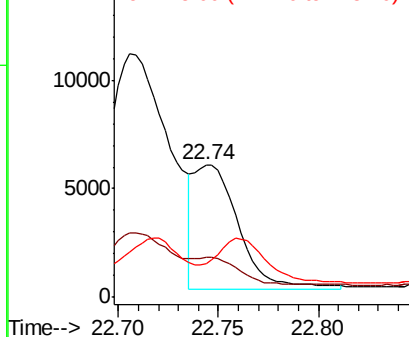
Tot Ion	Ratio	Lower	Upper
252	100		
253	30.2	21.3	31.9
125	25.7	12.3	18.5

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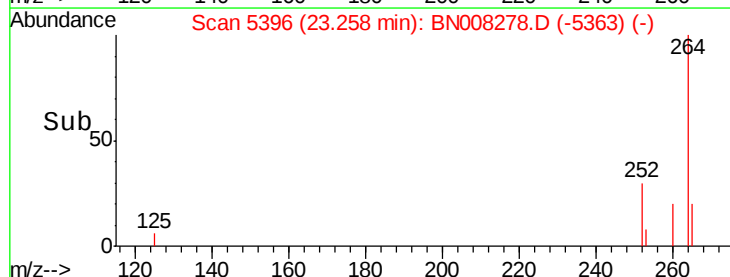
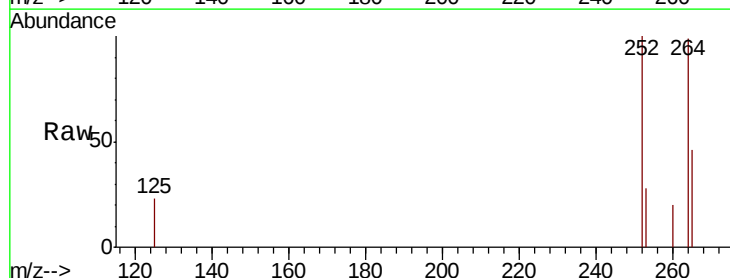
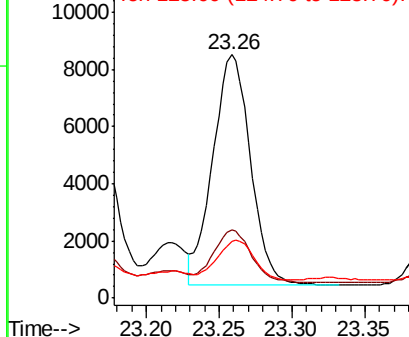
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

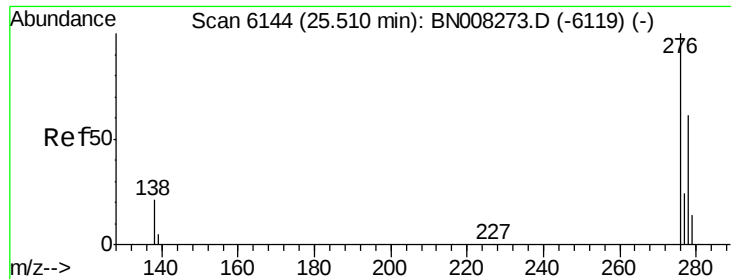


#23
Benzo(a)pyrene
Concen: 0.303 ng/ul
RT: 23.26 min Scan# 5396
Delta R.T. -0.00 min
Lab File: BN008278.D
Acq: 21 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.2	22.8	34.2
125	23.1	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





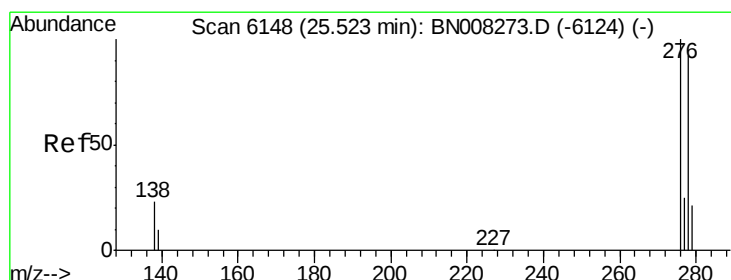
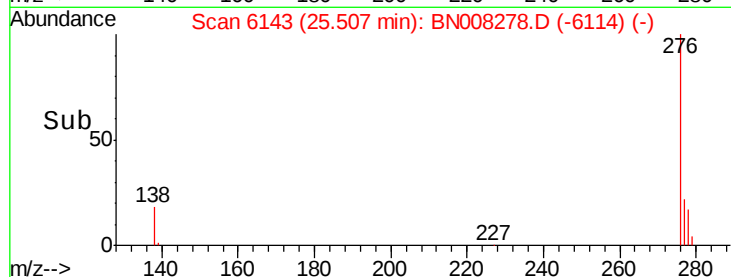
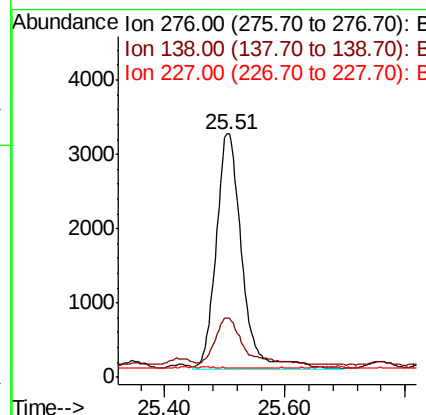
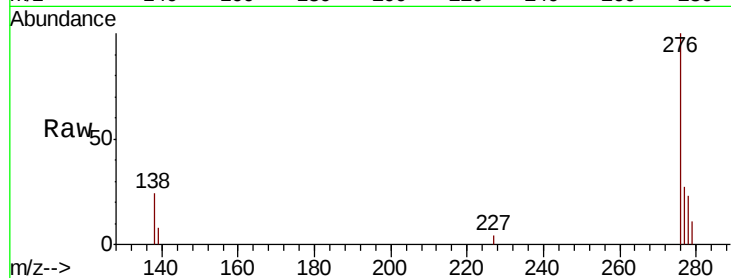
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.164 ng/ul
RT: 25.51 min Scan# 6143
Delta R.T. -0.00 min
Lab File: BN008278.D
Acq: 21 Oct 2019 12:13

Instrument :
BNA_N
ClientSampleId :
BEP75

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.1	16.1	24.1
227	0.0	0.2	0.2

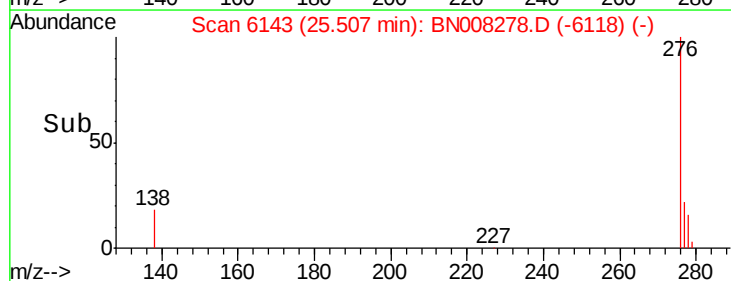
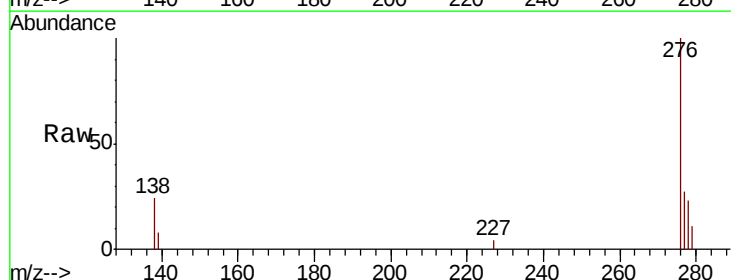
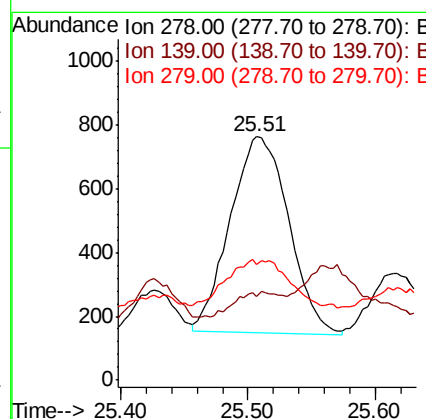
Manual Integrations
APPROVED

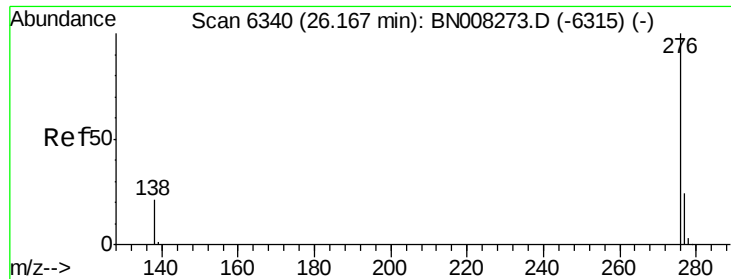
mohammad
10/22/2019 3:27:04 PM



#25
Dibenzo(a,h)anthracene
Concen: 0.044 ng/ul
RT: 25.51 min Scan# 6143
Delta R.T. -0.02 min
Lab File: BN008278.D
Acq: 21 Oct 2019 12:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.6	15.0	22.6
279	47.6	22.4	33.6





#26
 Benzo(a,h,i)perylene
 Concen: 0.151 ng/ul
 RT: 26.16 min Scan# 6337
 Delta R.T. -0.01 min
 Lab File: BN008278.D
 Acq: 21 Oct 2019 12:13

Instrument :
 BNA_N
 ClientSampleId :
 BEP75

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	17.0	25.4#
277	26.5	20.4	30.6

Manual Integrations
 APPROVED

mohammad
 10/22/2019 3:27:04 PM

