

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008325.D
 Acq On : 22 Oct 2019 21:22
 Operator : JU
 Sample : K5223-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPD7

Manual Integrations
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 10/24/2019 8:05:33 AM

Quant Time: Oct 23 02:15:26 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	1768	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	8815	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5460	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12095m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	11643	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	10696	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3657	0.25	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	10329	0.25	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.39	128	955	0.038	ng/ul#	81
5) 2-Methylnaphthalene	12.02	142	418	0.024	ng/ul	98
7) Acenaphthylene	13.94	152	1753	0.067	ng/ul#	80
8) Acenaphthene	14.28	153	865	0.043	ng/ul	96
9) Fluorene	15.27	166	987	0.043	ng/ul#	94
12) Phenanthrene	17.01	178	22119	0.625	ng/ul	99
13) Anthracene	17.10	178	4622	0.148	ng/ul	95
15) Fluoranthene	19.03	202	63091	1.349	ng/ul	96
17) Pyrene	19.40	202	56701	1.223	ng/ul	99
18) Benzo(a)anthracene	21.16	228	33601	0.794	ng/ul	97
19) Chrysene	21.21	228	37124	0.715	ng/ul	98
21) Benzo(b)fluoranthene	22.70	252	46451m	1.334	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	15275m	0.387	ng/ul	
23) Benzo(a)pyrene	23.26	252	29977	0.818	ng/ul#	58
24) Indeno(1,2,3-cd)pyrene	25.50	276	18836	0.436	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.51	278	4824	0.141	ng/ul#	83
26) Benzo(a,h,i)perylene	26.15	276	14510	0.367	ng/ul	95

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

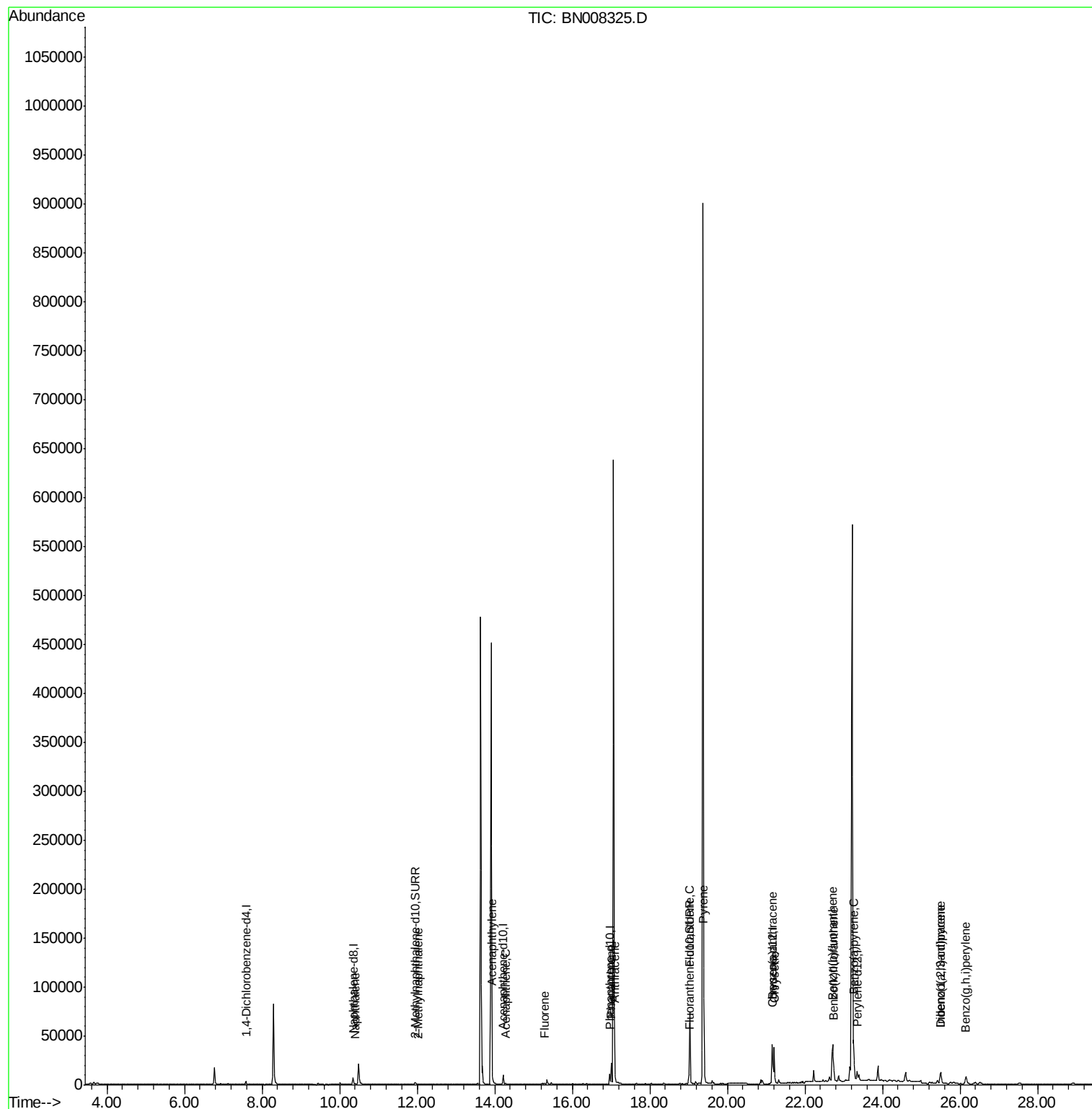
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008325.D
Acq On : 22 Oct 2019 21:22
Operator : JU
Sample : K5223-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

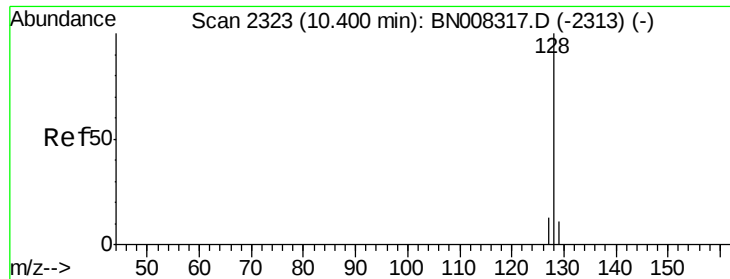
Instrument :
BNA_N
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BEPD7

Quant Time: Oct 23 02:15:26 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

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#3

Naphthalene

Concen: 0.038 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BN008325.D

Acq: 22 Oct 2019 21:22

Instrument :

BNA_N

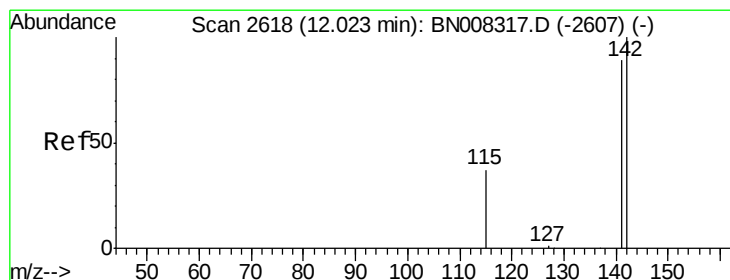
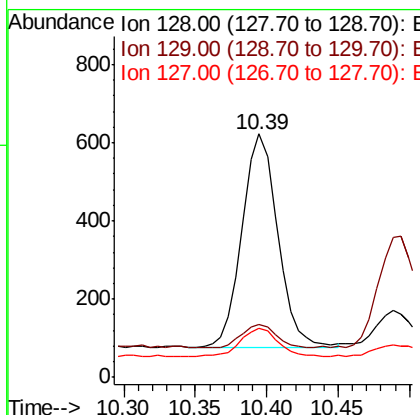
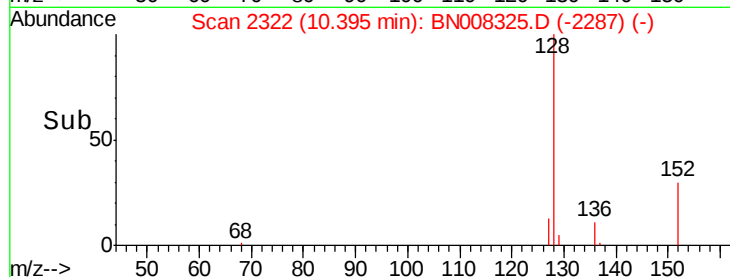
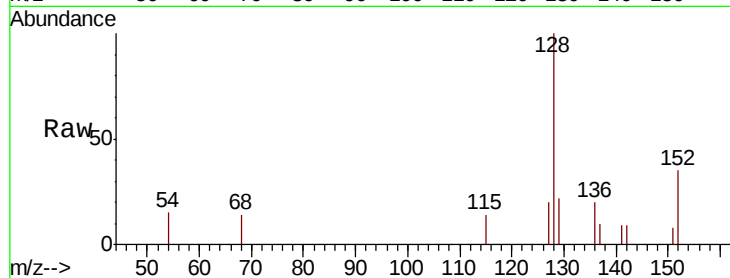
ClientSampleId :

BEPD7

Tot Ion:	128	Resp:	955
Ion Ratio	Lower	Upper	
128	100		
129	21.7	9.8	14.8#
127	20.1	11.1	16.7#

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#5

2-Methylnaphthalene

Concen: 0.024 ng/ul

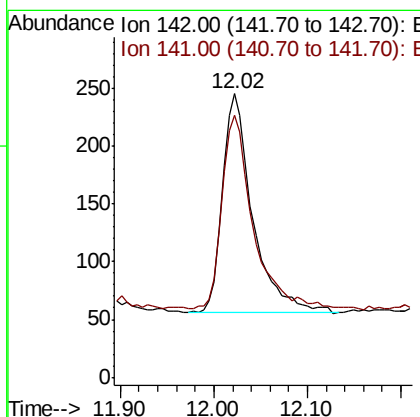
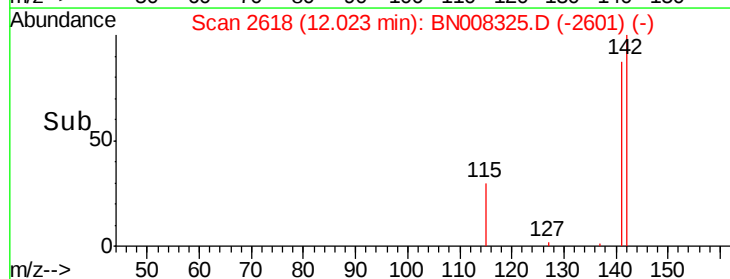
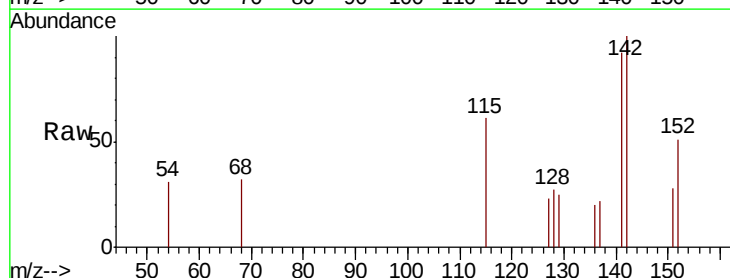
RT: 12.02 min Scan# 2618

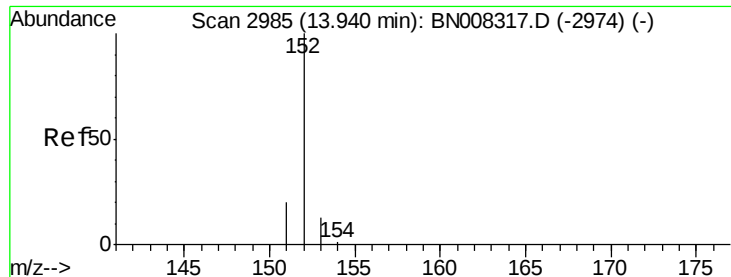
Delta R.T. -0.01 min

Lab File: BN008325.D

Acq: 22 Oct 2019 21:22

Tgt Ion:	142	Resp:	418
Ion Ratio	Lower	Upper	
142	100		
141	91.4	71.4	107.2





#7

Acenaphthylene

Concen: 0.067 ng/ul

RT: 13.94 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BN008325.D

Acq: 22 Oct 2019 21:22

Instrument :

BNA_N

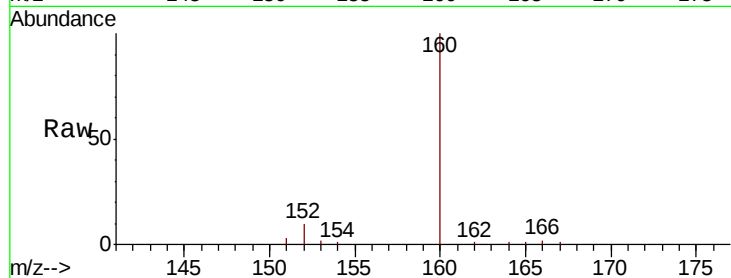
ClientSampled :

BEPD7

Tot Ion:	152	Resp:	1753
Ion Ratio	Lower	Upper	
152	100		
151	31.5	16.2	24.4#
153	18.8	11.0	16.4#

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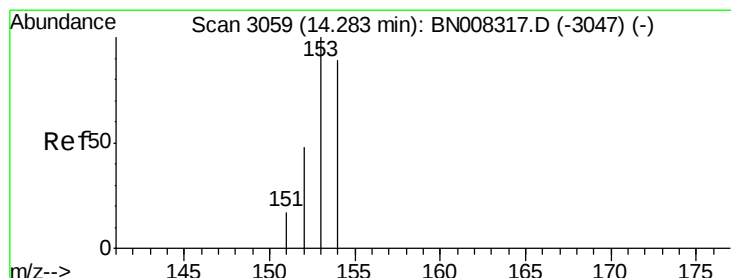
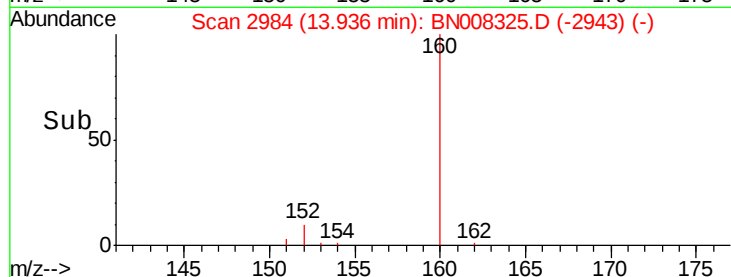
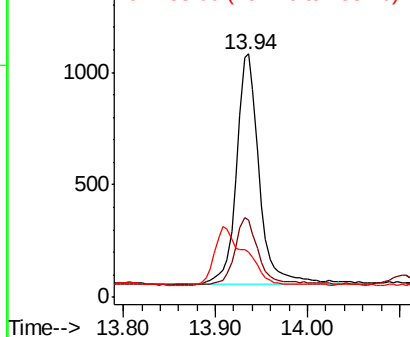


Abundance

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: 0.043 ng/ul

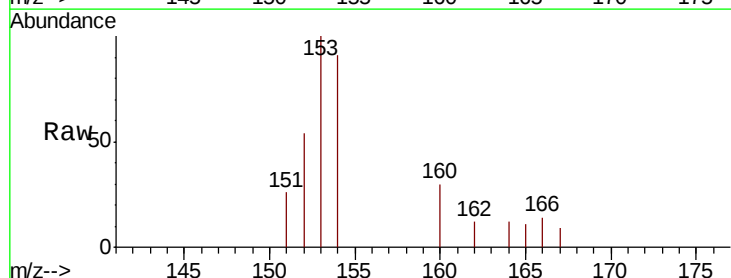
RT: 14.28 min Scan# 3058

Delta R.T. -0.01 min

Lab File: BN008325.D

Acq: 22 Oct 2019 21:22

Tgt Ion:	153	Resp:	865
Ion Ratio	Lower	Upper	
153	100		
152	54.3	38.2	57.2
154	91.0	71.8	107.8

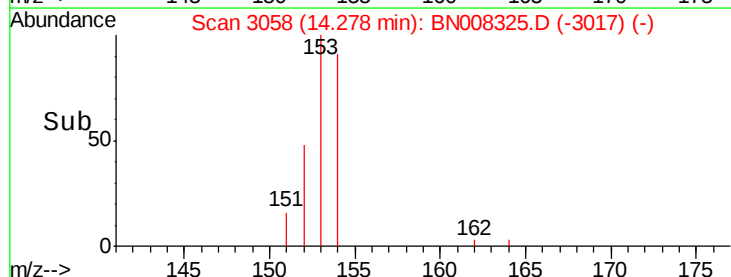
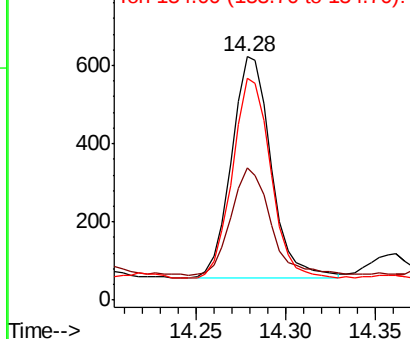


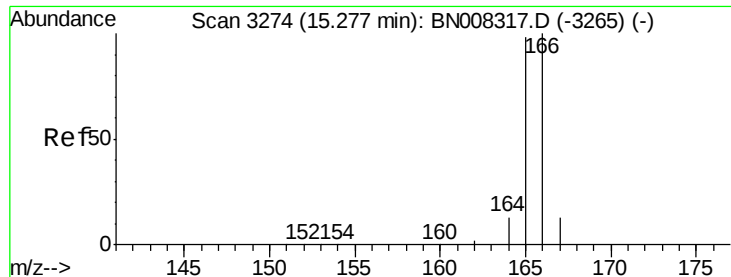
Abundance

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





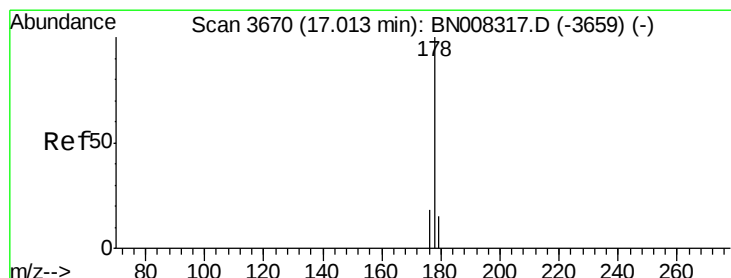
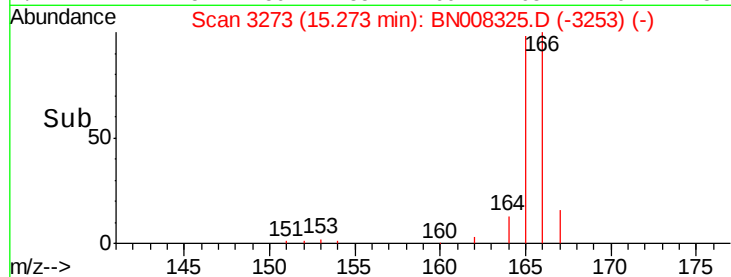
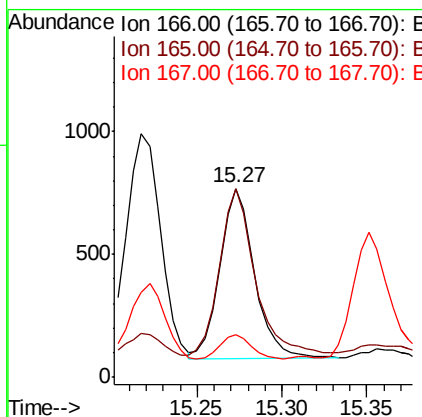
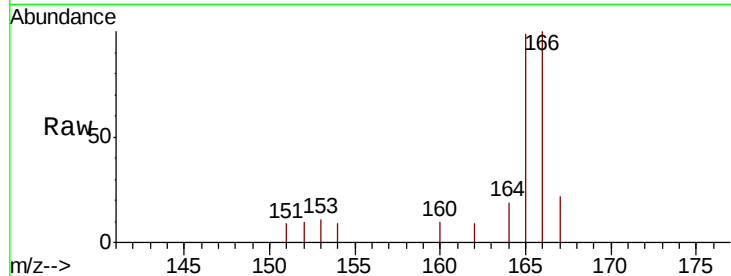
#9
Fluorene
 Concen: 0.043 ng/ul
 RT: 15.27 min Scan# 3273
 Delta R.T. -0.01 min
 Lab File: BN008325.D
 Acq: 22 Oct 2019 21:22

Instrument :
 BNA_N
 ClientSampleId :
 BEPD7

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	76.6	115.0
167	22.4	11.7	17.5#

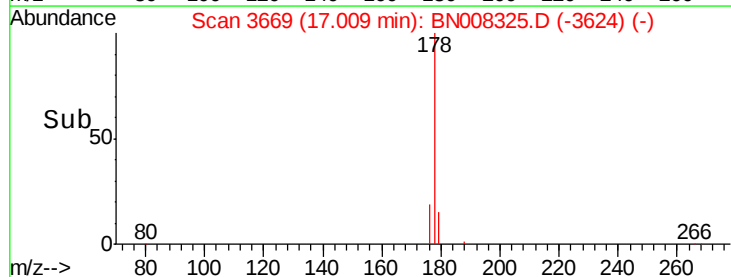
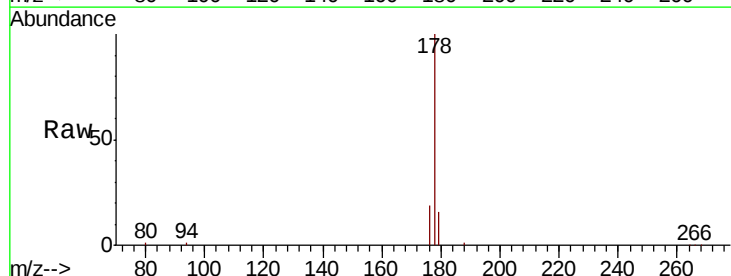
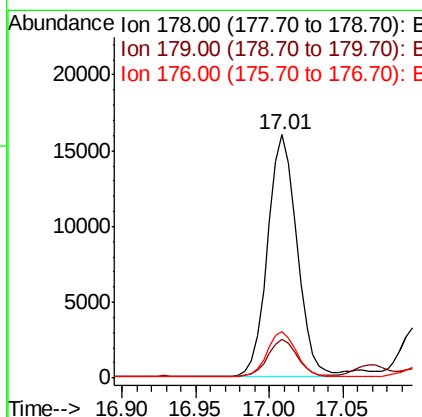
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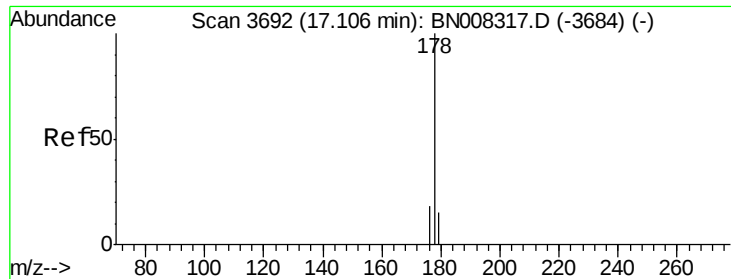
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#12
Phenanthrene
 Concen: 0.625 ng/ul
 RT: 17.01 min Scan# 3669
 Delta R.T. -0.01 min
 Lab File: BN008325.D
 Acq: 22 Oct 2019 21:22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	19.1	15.4	23.2





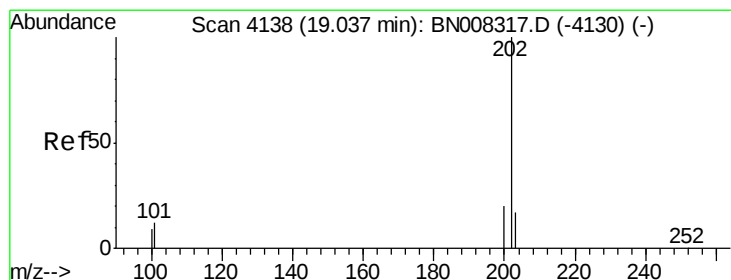
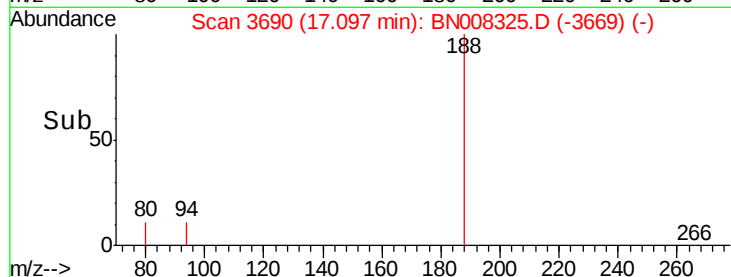
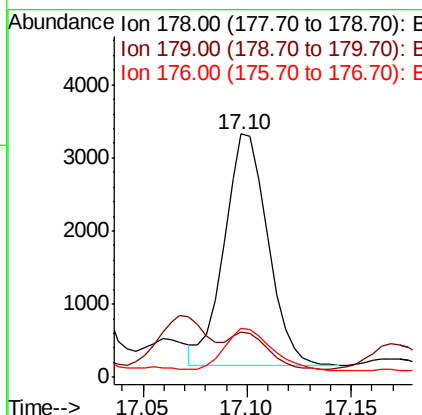
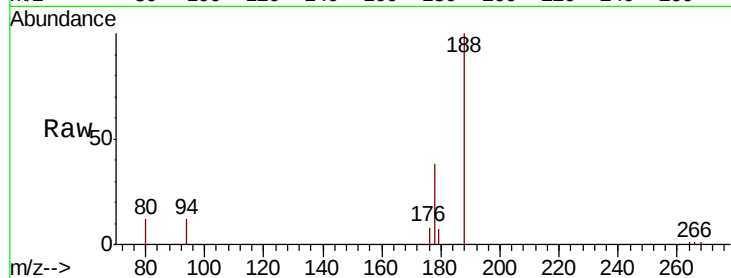
#13
 Anthracene
 Concen: 0.148 ng/ul
 RT: 17.10 min Scan# 3690
 Delta R.T. -0.01 min
 Lab File: BN008325.D
 Acq: 22 Oct 2019 21:22

Instrument :
 BNA_N
 ClientSampleId :
 BEPD7

Tot Ion:178 Resp: 4622
 Ion Ratio Lower Upper
 178 100
 179 18.8 13.0 19.6
 176 20.3 15.0 22.6

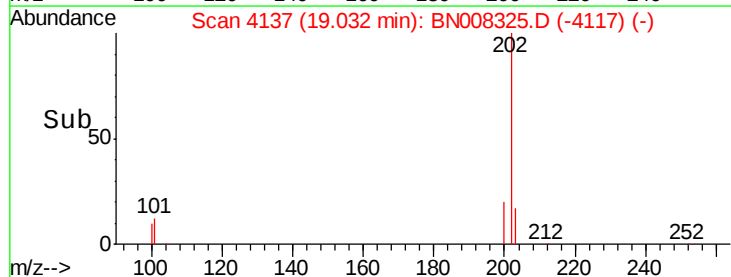
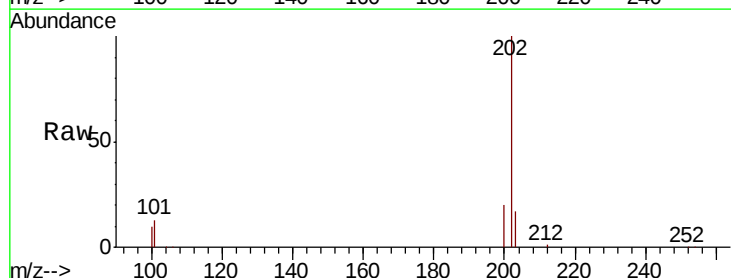
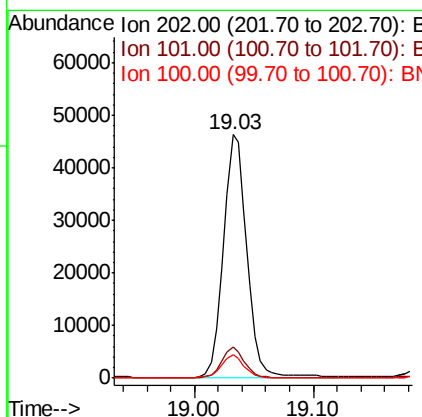
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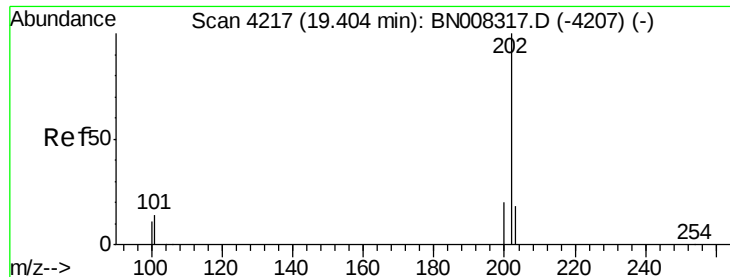
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#15
 Fluoranthene
 Concen: 1.349 ng/ul
 RT: 19.03 min Scan# 4137
 Delta R.T. -0.01 min
 Lab File: BN008325.D
 Acq: 22 Oct 2019 21:22

Tgt Ion:202 Resp: 63091
 Ion Ratio Lower Upper
 202 100
 101 12.7 0.0 31.2
 100 9.8 0.0 28.5





#17

Pyrene

Concen: 1.223 ng/ul

RT: 19.40 min Scan# 4216

Delta R.T. -0.00 min

Lab File: BN008325.D

Acq: 22 Oct 2019 21:22

Instrument :

BNA_N

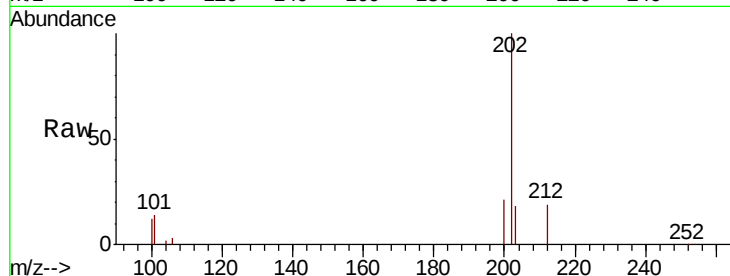
ClientSampled :

BEPD7

Tot Ion:	202	Resp:	56701
Ion Ratio	Lower	Upper	
202	100		
101	14.0	10.9	16.3
100	11.6	8.7	13.1

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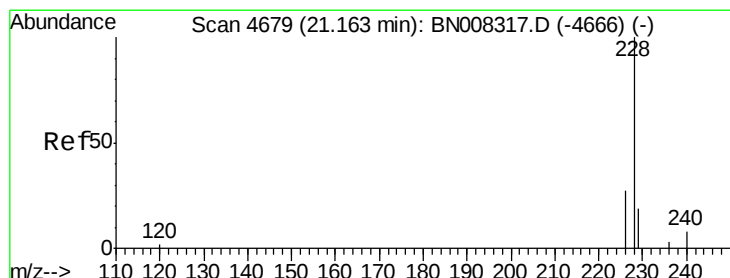
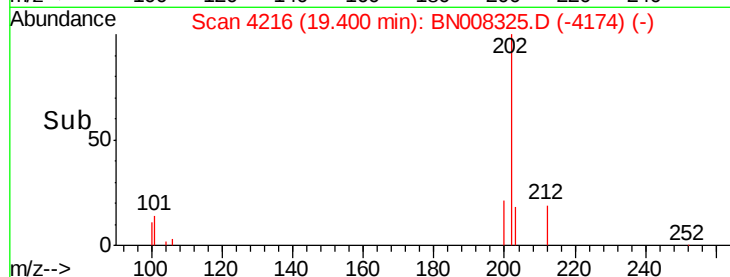
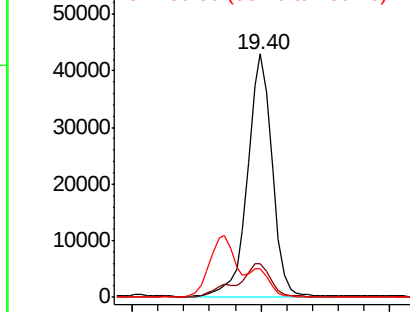


Abundance

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): E



#18

Benzo(a)anthracene

Concen: 0.794 ng/ul

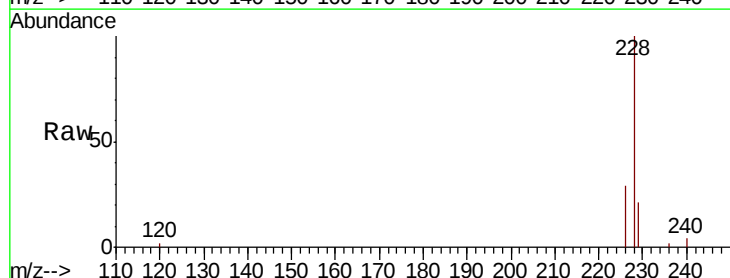
RT: 21.16 min Scan# 4677

Delta R.T. -0.01 min

Lab File: BN008325.D

Acq: 22 Oct 2019 21:22

Tgt Ion:	228	Resp:	33601
Ion Ratio	Lower	Upper	
228	100		
229	21.1	16.2	24.2
226	28.7	21.4	32.0

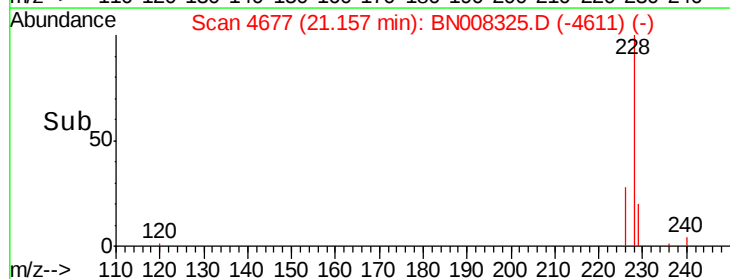
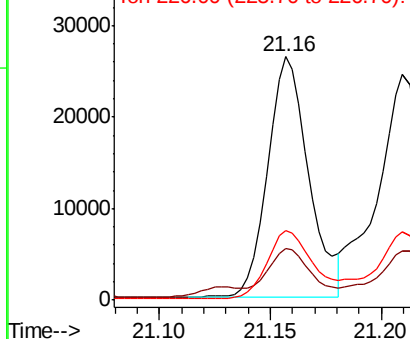


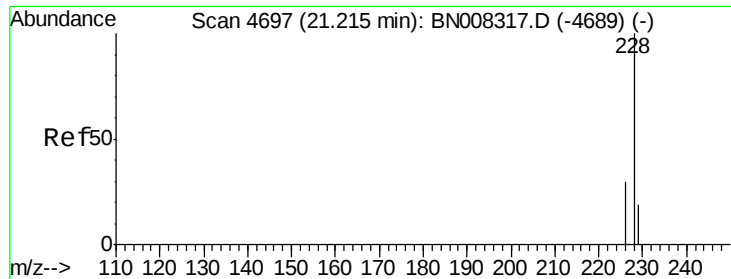
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.715 ng/ul

RT: 21.21 min Scan# 4695

Delta R.T. -0.01 min

Lab File: BN008325.D

Acq: 22 Oct 2019 21:22

Instrument :

BNA_N

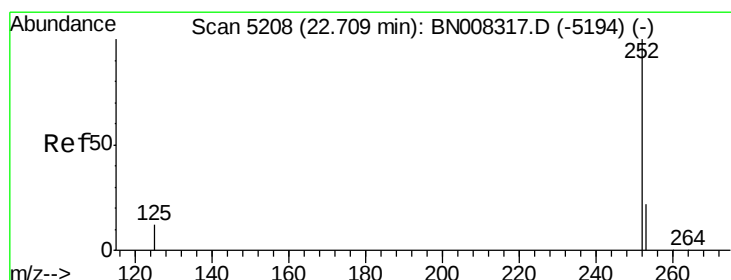
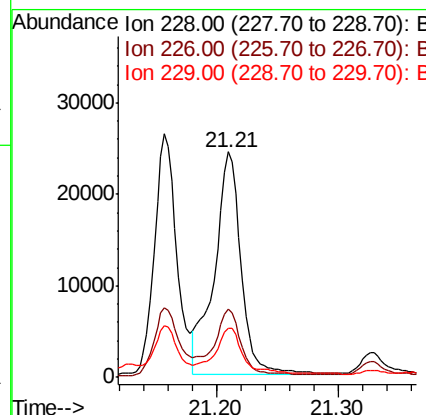
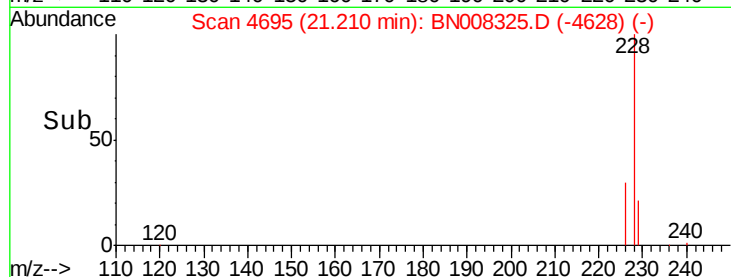
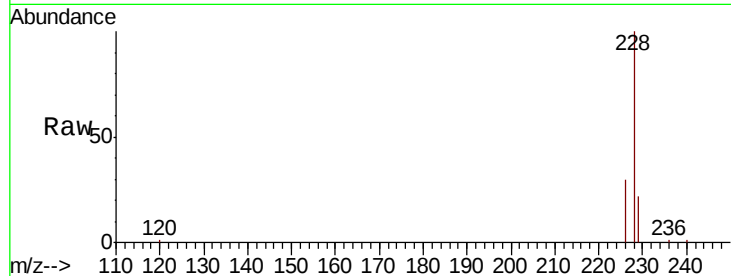
ClientSampleId :

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Tot Ion:	228	Resp:	37124
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.1	36.1
229	22.0	16.2	24.2

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#21

Benzo(b)fluoranthene

Concen: 1.334 ng/ul m

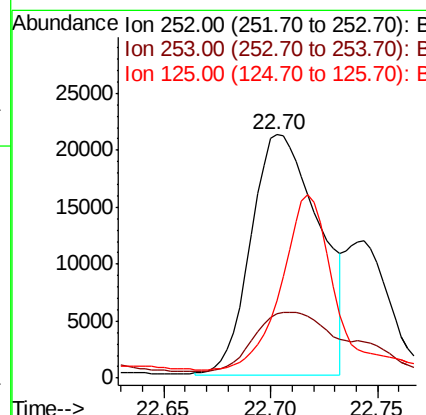
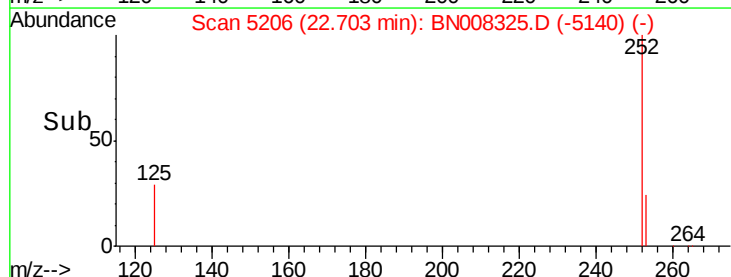
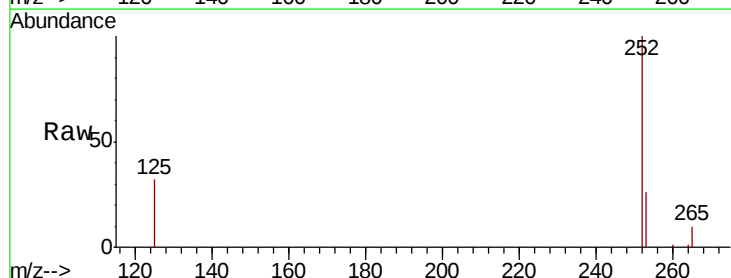
RT: 22.70 min Scan# 5206

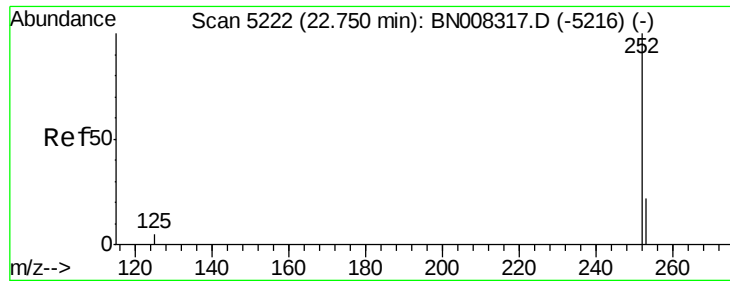
Delta R.T. -0.01 min

Lab File: BN008325.D

Acq: 22 Oct 2019 21:22

Tgt Ion:	252	Resp:	46451
Ion Ratio	Lower	Upper	
252	100		
253	26.3	0.0	53.4
125	31.6	0.0	32.4





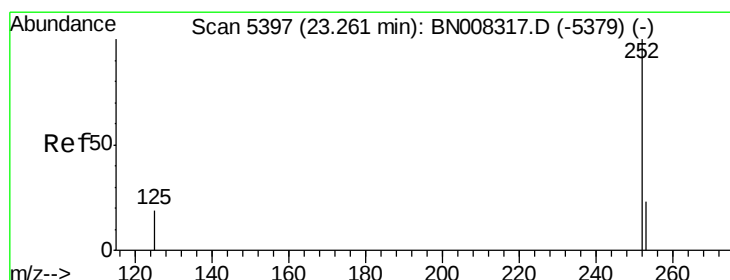
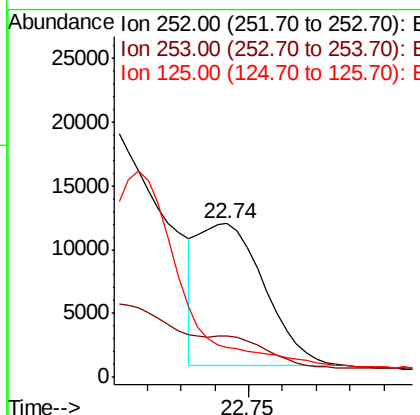
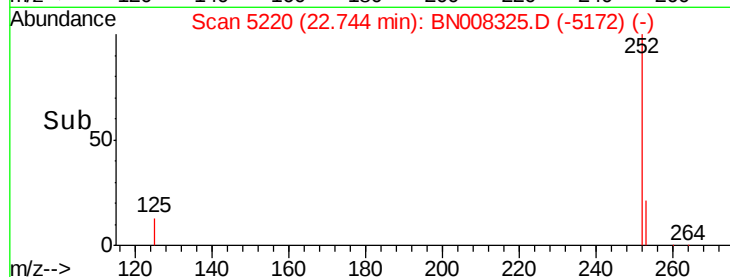
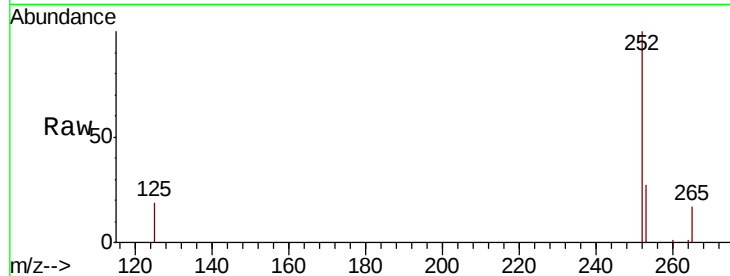
#22
Benzo(k)fluoranthene
Concen: 0.387 ng/ul m
RT: 22.74 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BN008325.D
Acq: 22 Oct 2019 21:22

Instrument :
BNA_N
ClientSampleId :
BEPD7

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.8	21.3	31.9
125	19.2	12.3	18.5#

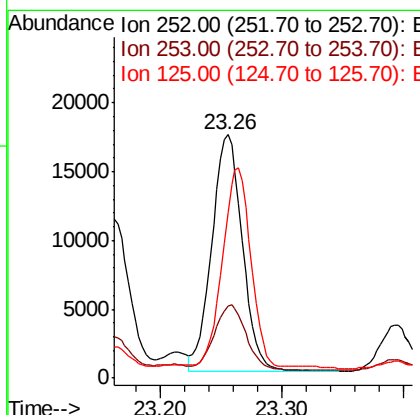
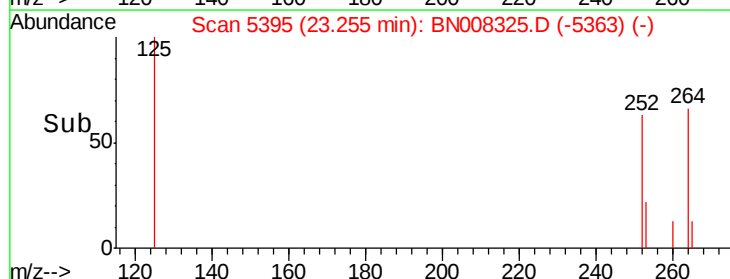
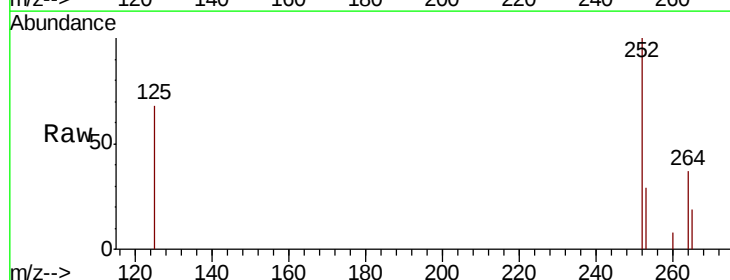
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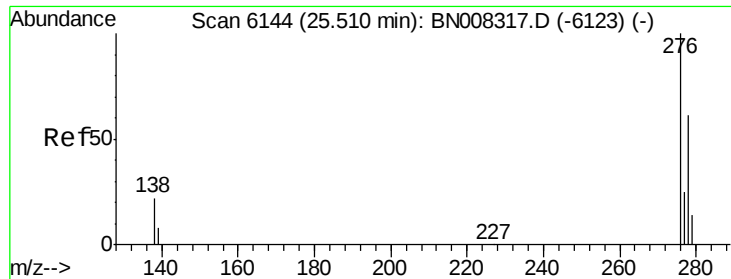
mohammad
10/24/2019 8:05:33 AM



#23
Benzo(a)pyrene
Concen: 0.818 ng/ul
RT: 23.26 min Scan# 5395
Delta R.T. -0.01 min
Lab File: BN008325.D
Acq: 22 Oct 2019 21:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.3	22.8	34.2
125	67.9	18.4	27.6#





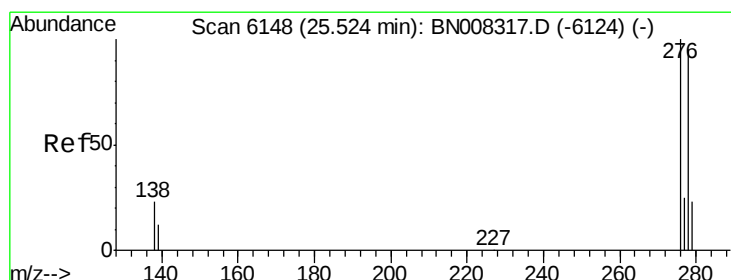
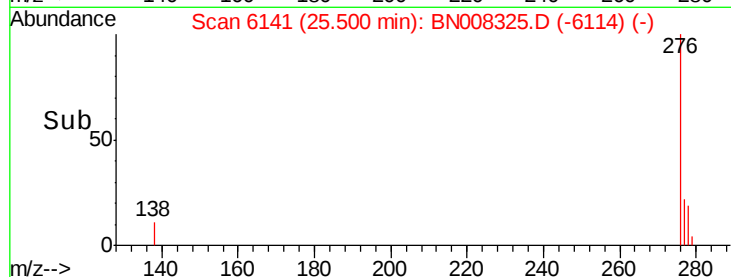
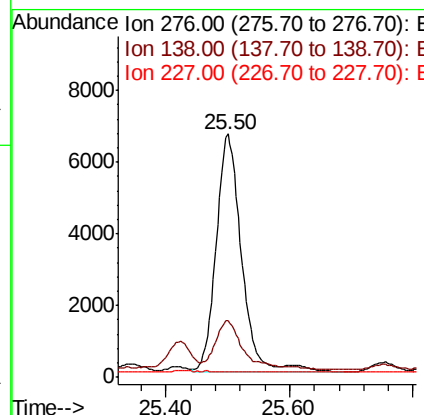
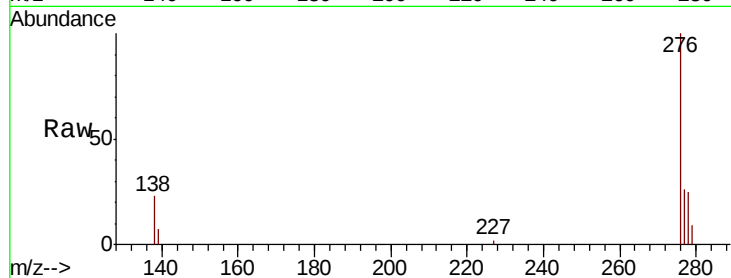
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.436 ng/ul
 RT: 25.50 min Scan# 6141
 Delta R.T. -0.01 min
 Lab File: BN008325.D
 Acq: 22 Oct 2019 21:22

Instrument :
 BNA_N
 ClientSampleId :
 BEPD7

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.2	16.1	24.1
227	0.0	0.2	0.2

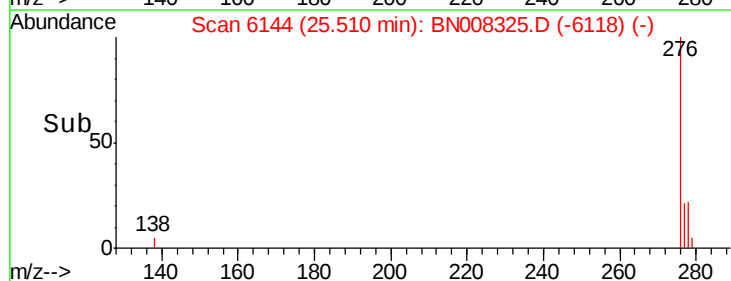
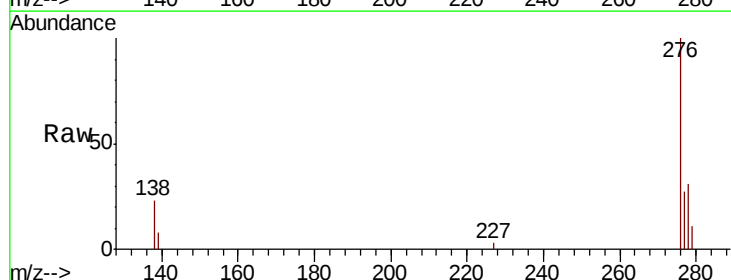
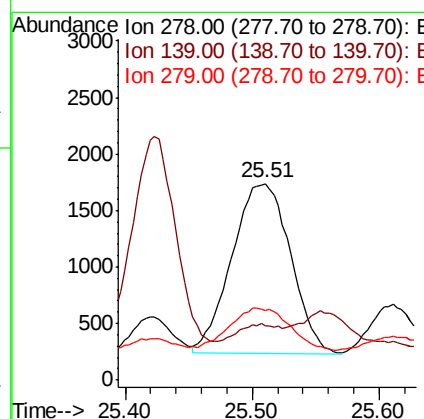
Manual Integrations
 APPROVED

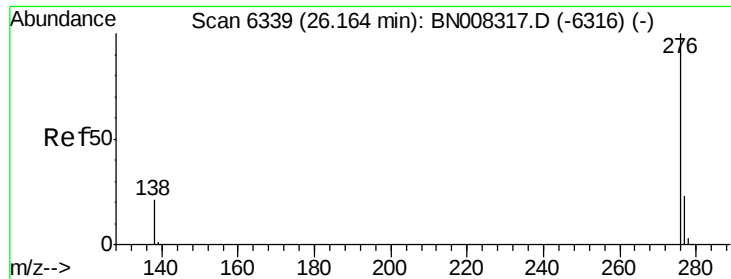
mohammad
 10/24/2019 8:05:33 AM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.141 ng/ul
 RT: 25.51 min Scan# 6144
 Delta R.T. -0.01 min
 Lab File: BN008325.D
 Acq: 22 Oct 2019 21:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.5	15.0	22.6
279	35.7	22.4	33.6





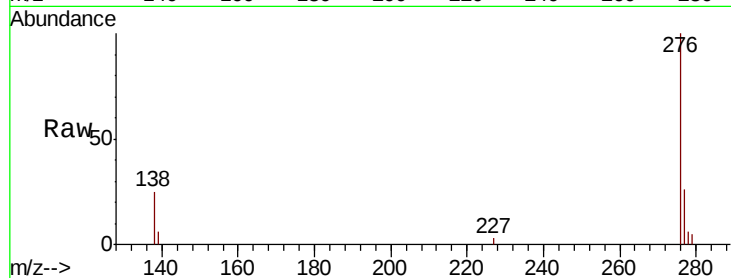
#26
Benzo(a,h,i)perylene
Concen: 0.367 ng/ul
RT: 26.15 min Scan# 6336
Delta R.T. -0.01 min
Lab File: BN008325.D
Acq: 22 Oct 2019 21:22

Instrument :
BNA_N
ClientSampleId :
BEPD7

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.0	17.0	25.4
277	26.3	20.4	30.6

Manual Integrations
APPROVED

mohammad
10/24/2019 8:05:33 AM



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

