

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009225.D
 Acq On : 28 Dec 2019 13:18
 Operator : JU
 Sample : K6278-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C54

Manual Integrations
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Quant Time: Dec 29 04:21:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 29 03:34:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2055	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	7494	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4066	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	8284	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	6584	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	6855	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	1719	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	3872	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.31	128	524	0.023	ng/ul#	65
5) 2-Methylnaphthalene	11.94	142	357	0.021	ng/ul	95
7) Acenaphthylene	13.86	152	498	0.023	ng/ul#	64
12) Phenanthrene	16.93	178	4458	0.155	ng/ul	96
13) Anthracene	17.02	178	750	0.029	ng/ul#	77
15) Fluoranthene	18.95	202	14058	0.427	ng/ul	99
17) Pyrene	19.32	202	11572	0.345	ng/ul	100
18) Benzo(a)anthracene	21.07	228	6043	0.207	ng/ul	96
19) Chrysene	21.12	228	6868	0.234	ng/ul	96
21) Benzo(b)fluoranthene	22.59	252	9801m	0.306	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	3439m	0.107	ng/ul	
23) Benzo(a)pyrene	23.12	252	5482	0.195	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.30	276	4332	0.142	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.31	278	1119	0.046	ng/ul#	43
26) Benzo(g,h,i)perylene	25.94	276	3674	0.143	ng/ul#	91

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

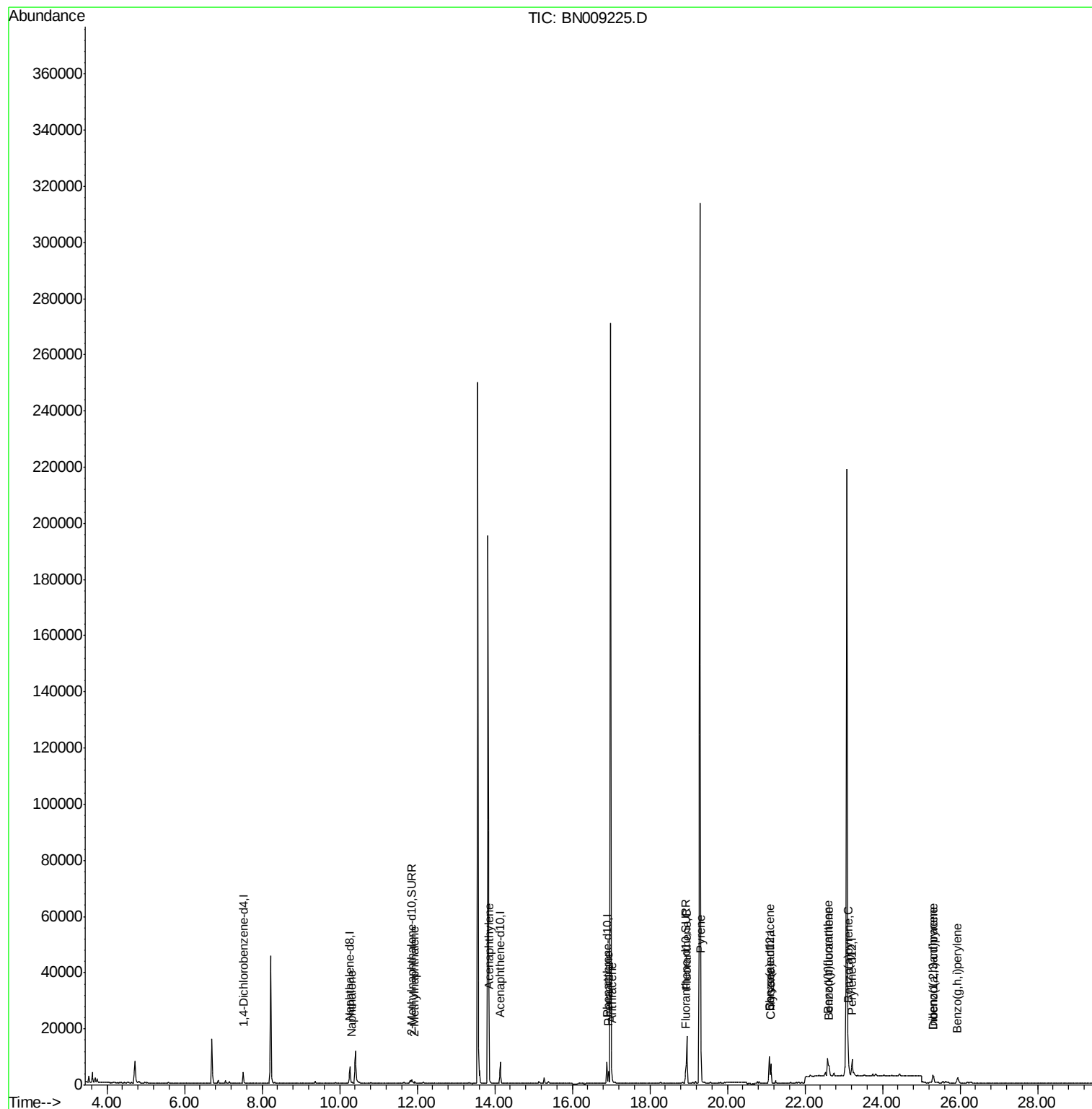
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009225.D
Acq On : 28 Dec 2019 13:18
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Sample : K6278-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

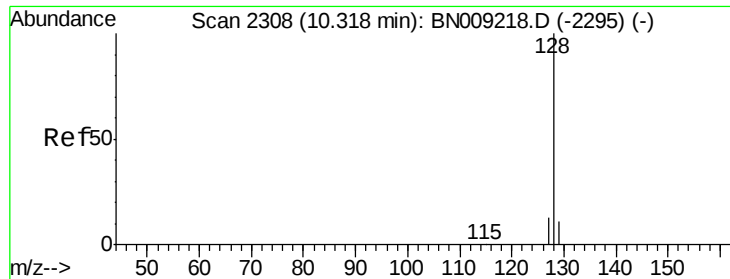
Instrument :
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C0C54

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Quant Time: Dec 29 04:21:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 29 03:34:38 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.023 ng/ul

RT: 10.31 min Scan# 2307

Delta R.T. -0.01 min

Lab File: BN009225.D

Acq: 28 Dec 2019 13:18

Instrument :

BNA_N

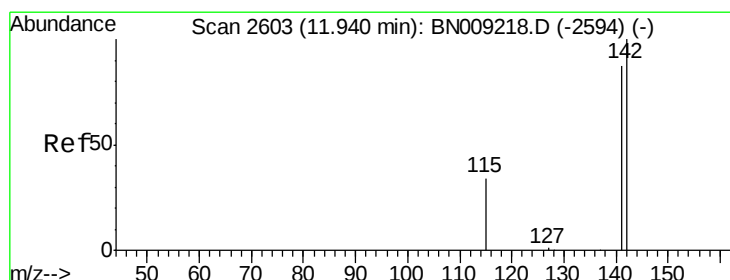
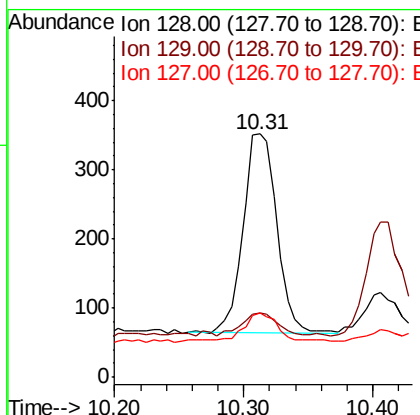
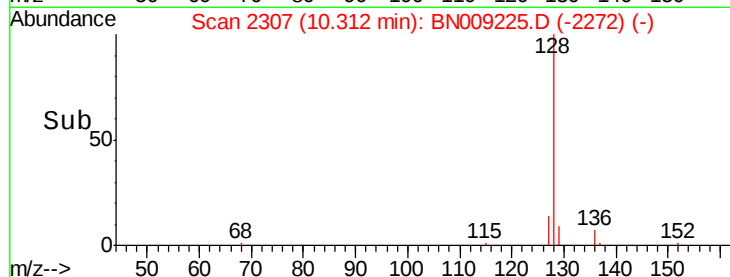
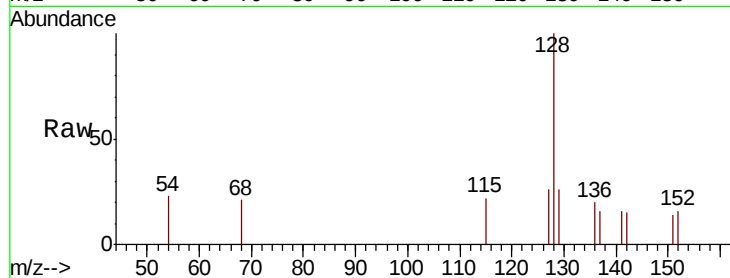
ClientSampleId :

C0C54

Tot Ion:	128	Resp:	524
Ion	Ratio	Lower	Upper
128	100		
129	26.4	9.0	13.4#
127	26.1	10.9	16.3#

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#5

2-Methylnaphthalene

Concen: 0.021 ng/ul

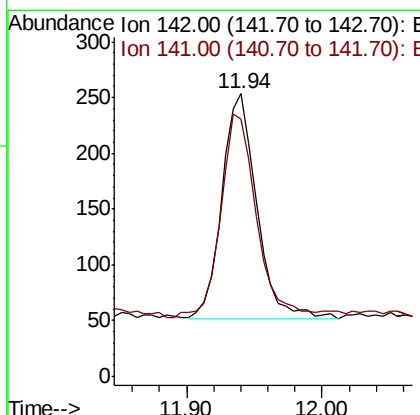
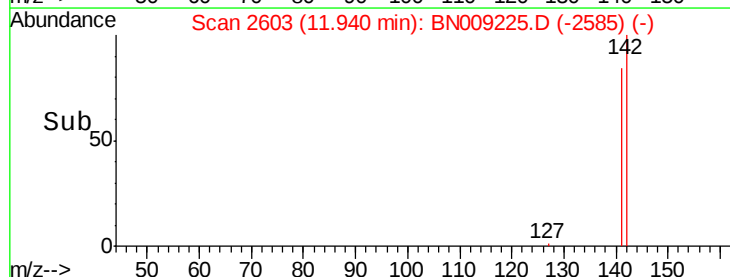
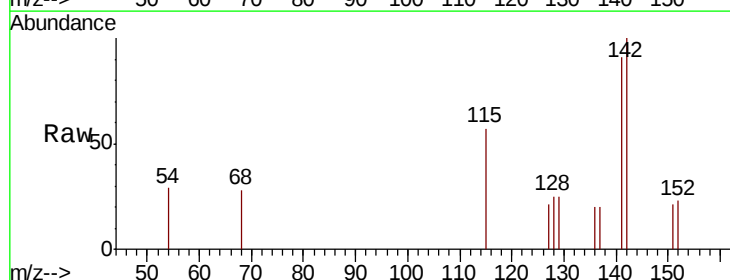
RT: 11.94 min Scan# 2603

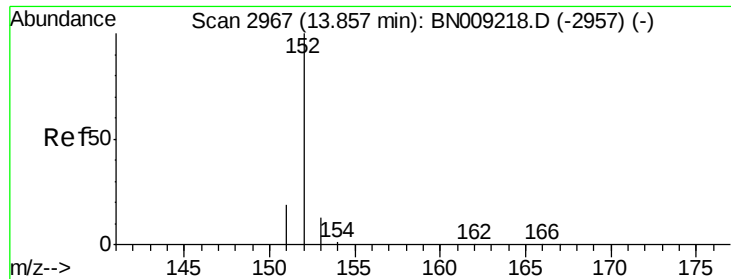
Delta R.T. 0.00 min

Lab File: BN009225.D

Acq: 28 Dec 2019 13:18

Tgt Ion:	142	Resp:	357
Ion	Ratio	Lower	Upper
142	100		
141	92.4	70.2	105.4





#7

Acenaphthylene

Concen: 0.023 ng/ul

RT: 13.86 min Scan# 2967

Delta R.T. 0.00 min

Lab File: BN009225.D

Acq: 28 Dec 2019 13:18

Instrument :

BNA_N

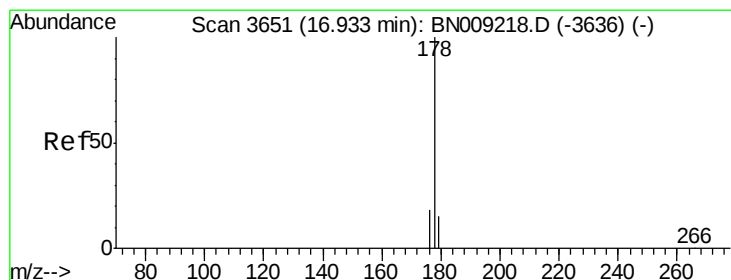
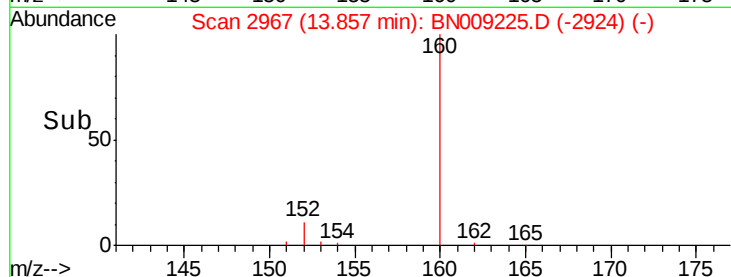
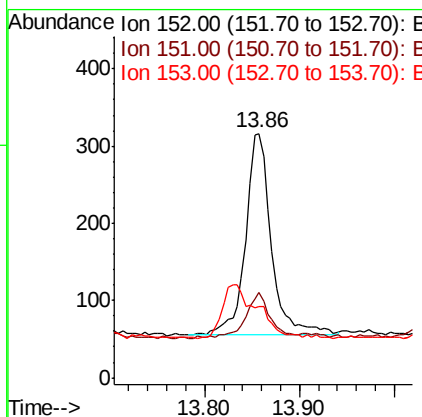
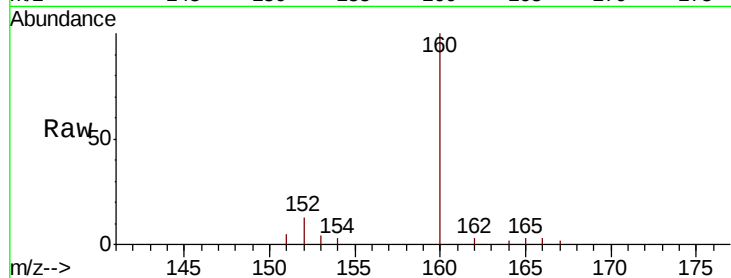
ClientSampleId :

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Tot Ion:	152	Resp:	498
Ion Ratio	Lower	Upper	
152	100		
151	34.8	15.7	23.5#
153	29.1	10.8	16.2#

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#12

Phenanthrene

Concen: 0.155 ng/ul

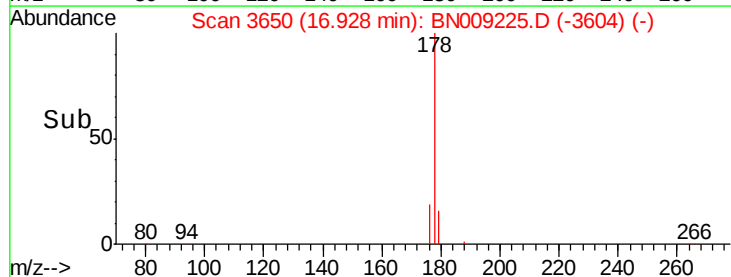
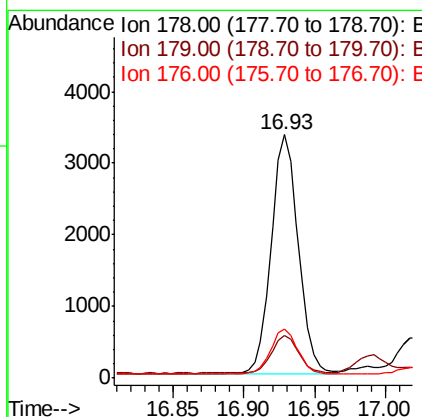
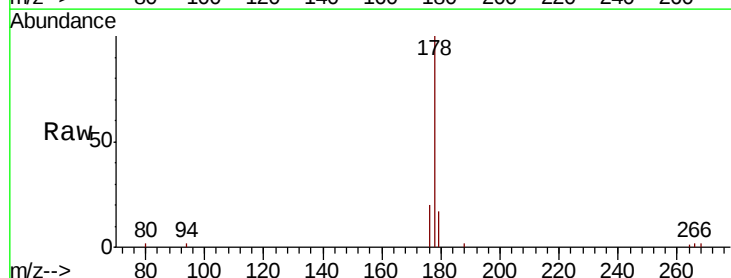
RT: 16.93 min Scan# 3650

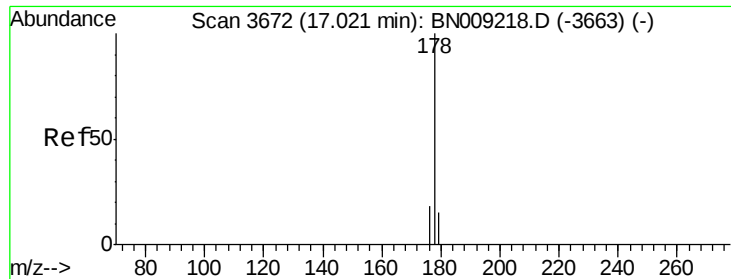
Delta R.T. -0.00 min

Lab File: BN009225.D

Acq: 28 Dec 2019 13:18

Tgt Ion:	178	Resp:	4458
Ion Ratio	Lower	Upper	
178	100		
179	17.4	12.3	18.5
176	20.2	15.1	22.7





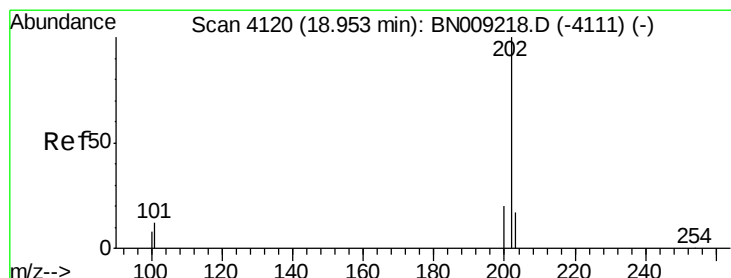
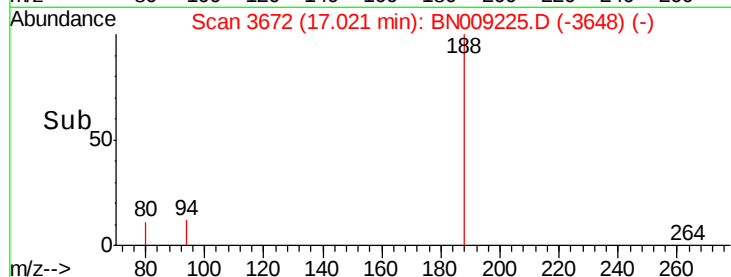
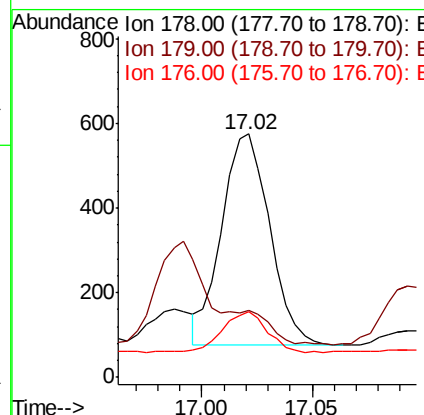
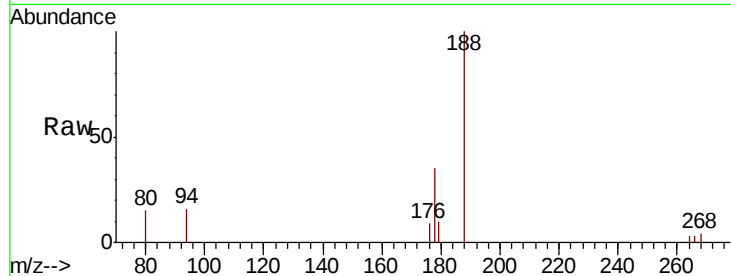
#13
 Anthracene
 Concen: 0.029 ng/ul
 RT: 17.02 min Scan# 3672
 Delta R.T. 0.00 min
 Lab File: BN009225.D
 Acq: 28 Dec 2019 13:18

Instrument :
 BNA_N
 ClientSampleId :
 C0C54

Tot Ion	Ratio	Lower	Upper
178	100		
179	27.5	12.5	18.7#
176	26.8	14.9	22.3#

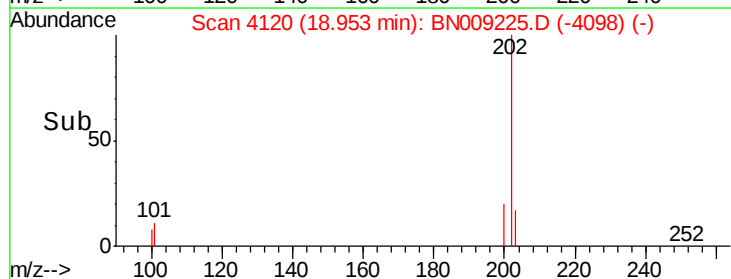
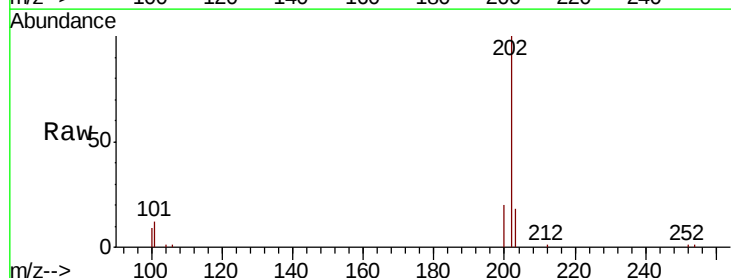
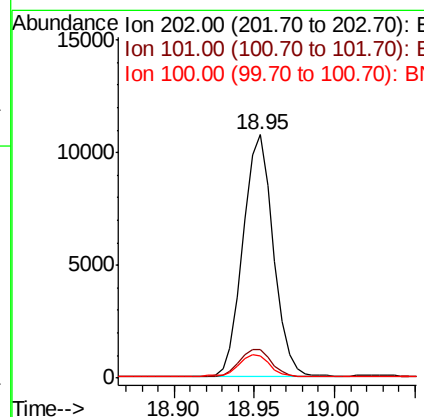
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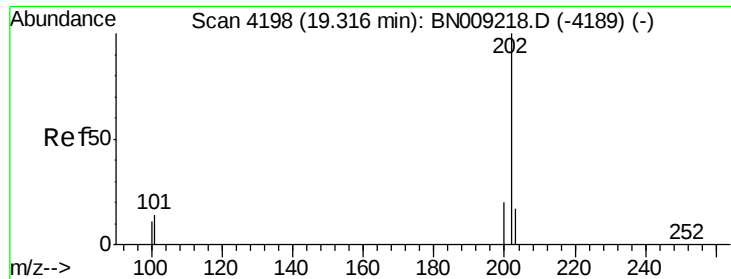
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#15
 Fluoranthene
 Concen: 0.427 ng/ul
 RT: 18.95 min Scan# 4120
 Delta R.T. 0.00 min
 Lab File: BN009225.D
 Acq: 28 Dec 2019 13:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.5
100	8.9	0.0	28.9





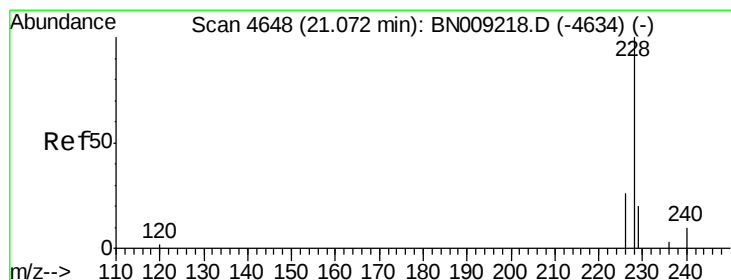
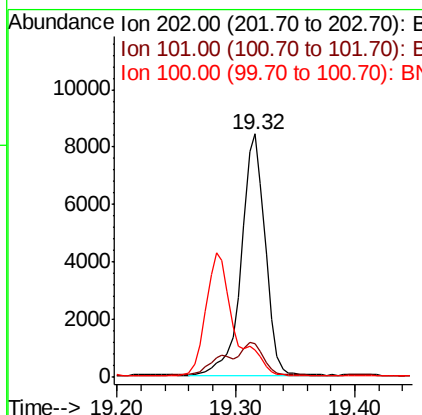
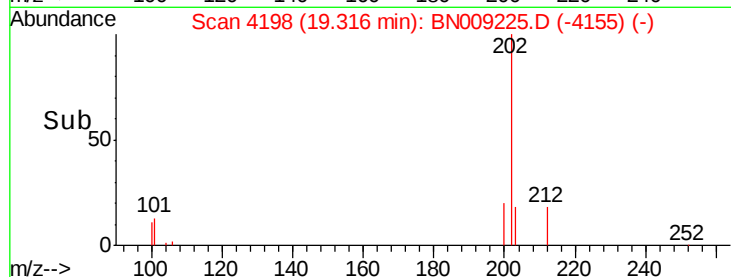
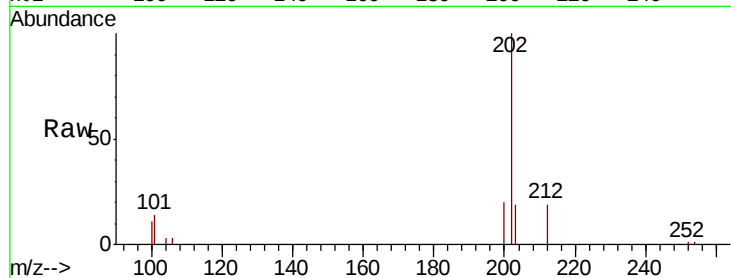
#17
Pvrene
Concen: 0.345 ng/ul
RT: 19.32 min Scan# 4198
Delta R.T. 0.00 min
Lab File: BN009225.D
Acq: 28 Dec 2019 13:18

Instrument :
BNA_N
ClientSampleId :
C0C54

Tot Ion	Ratio	Resp	Lower	Upper
202	100	11572		
101	13.7		10.9	16.3
100	11.2		9.0	13.6

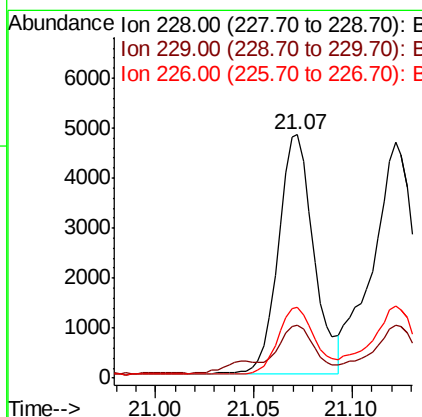
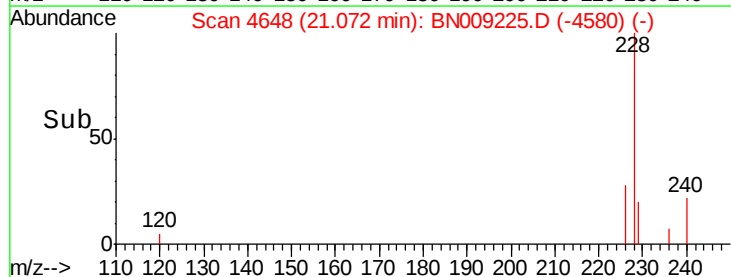
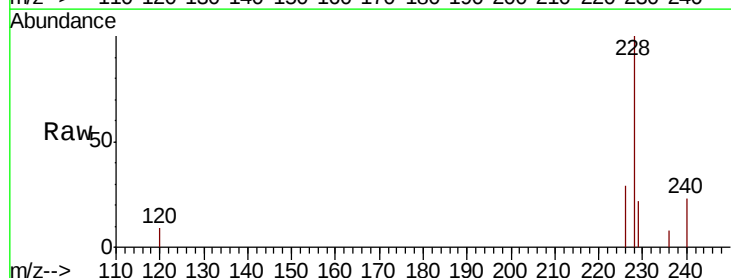
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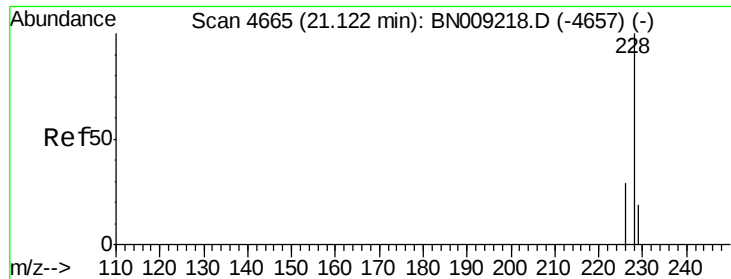
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#18
Benzo(a)anthracene
Concen: 0.207 ng/ul
RT: 21.07 min Scan# 4648
Delta R.T. 0.00 min
Lab File: BN009225.D
Acq: 28 Dec 2019 13:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	6043		
229	21.9		15.5	23.3
226	28.9		21.7	32.5





#19

Chrysene

Concen: 0.234 ng/ul

RT: 21.12 min Scan# 4665

Delta R.T. 0.00 min

Lab File: BN009225.D

Acq: 28 Dec 2019 13:18

Instrument :

BNA_N

ClientSampleId :

C0C54

Tot Ion:228 Resp: 6868

Ion Ratio Lower Upper

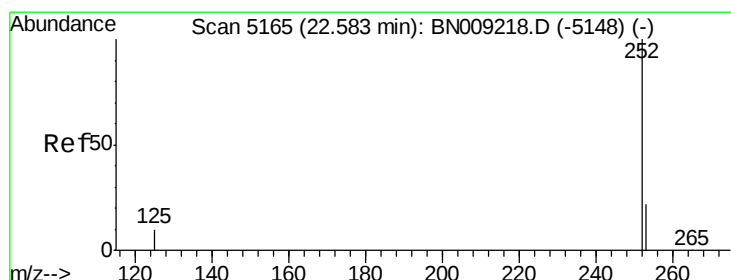
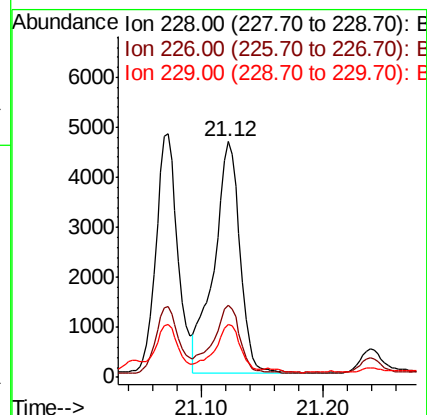
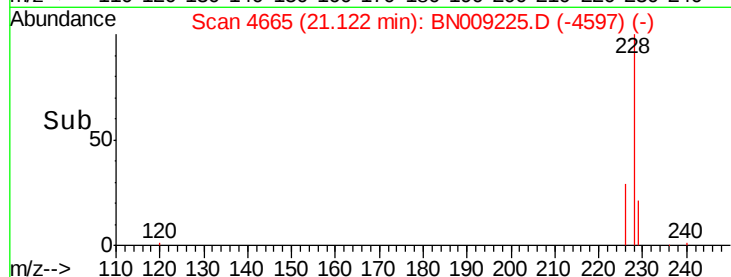
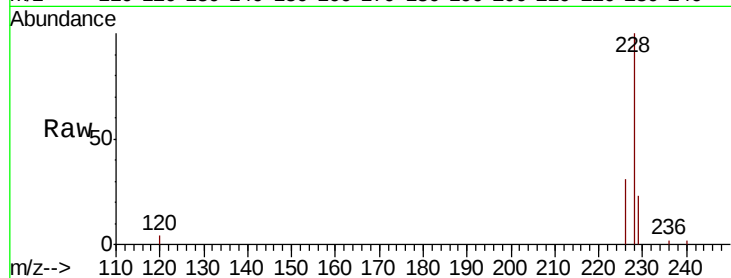
228 100

226 30.6 23.7 35.5

229 22.6 15.4 23.0

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#21

Benzo(b)fluoranthene

Concen: 0.306 ng/ul m

RT: 22.59 min Scan# 5166

Delta R.T. 0.00 min

Lab File: BN009225.D

Acq: 28 Dec 2019 13:18

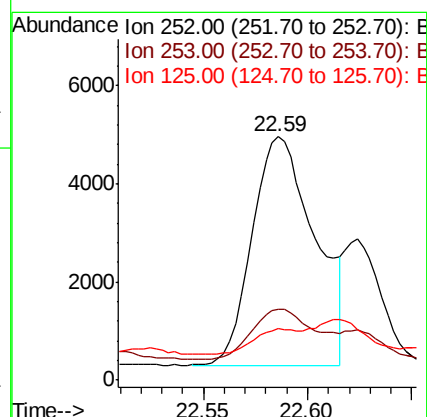
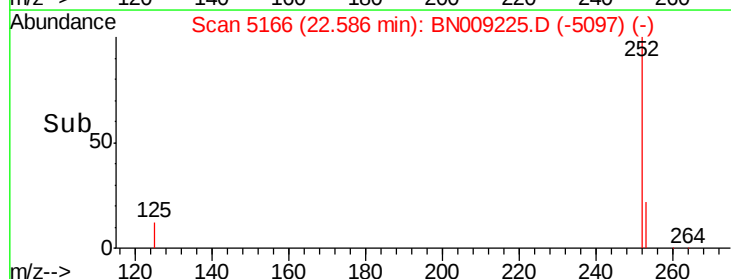
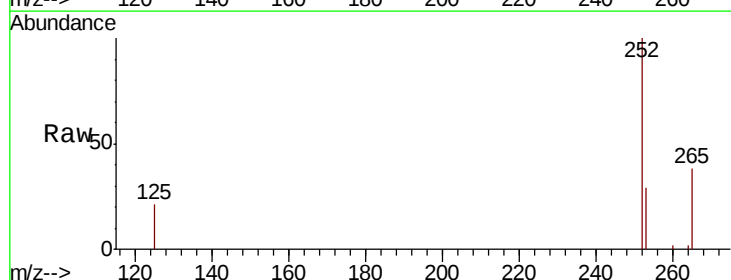
Tgt Ion:252 Resp: 9801

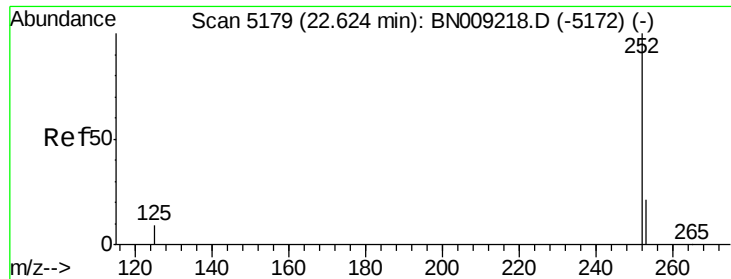
Ion Ratio Lower Upper

252 100

253 29.1 0.0 48.2

125 21.3 0.0 30.0





#22

Benzo(k)fluoranthene

Concen: 0.107 ng/ul m

RT: 22.62 min Scan# 5179

Delta R.T. 0.00 min

Lab File: BN009225.D

Acq: 28 Dec 2019 13:18

Instrument :

BNA_N

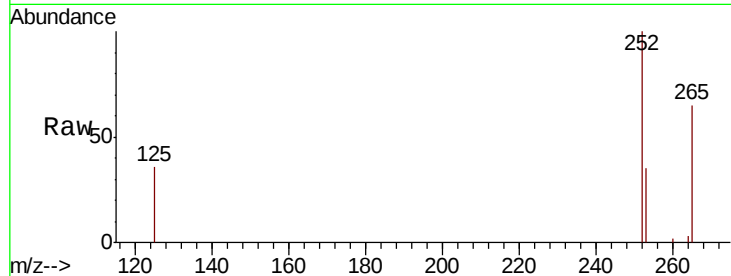
ClientSampleId :

C0C54

Tot Ion	Ratio	Lower	Upper
252	100		
253	35.4	19.4	29.0#
125	35.8	12.4	18.6#

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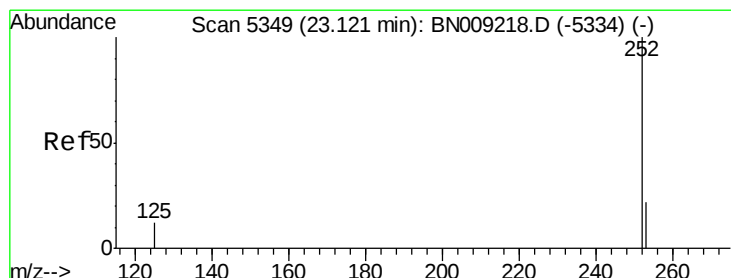
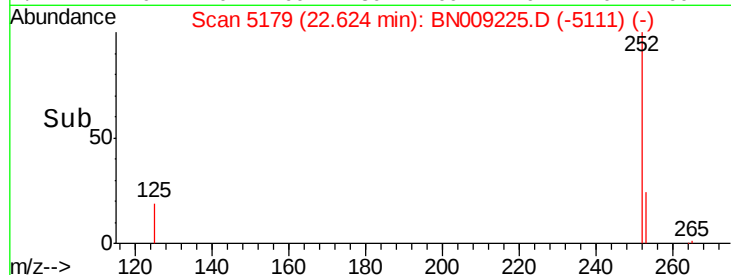
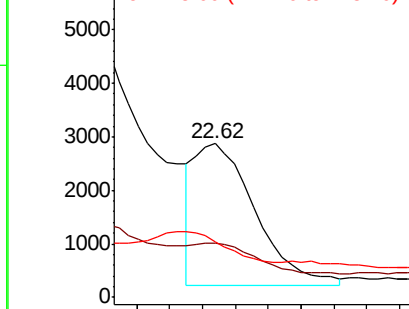


Abundance

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: 0.195 ng/ul

RT: 23.12 min Scan# 5348

Delta R.T. -0.00 min

Lab File: BN009225.D

Acq: 28 Dec 2019 13:18

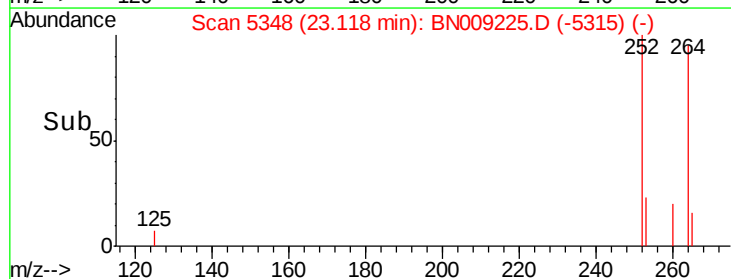
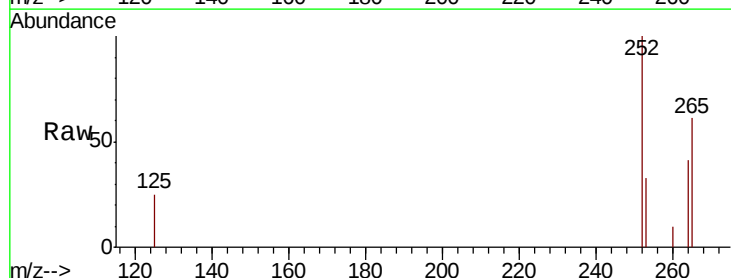
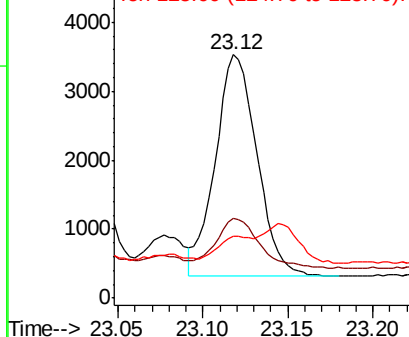
Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.6	20.2	30.4#
125	25.2	13.2	19.8#

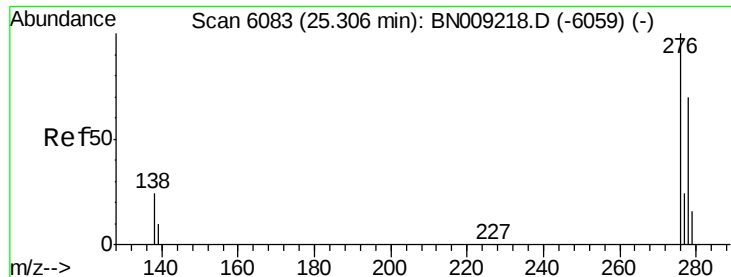
Abundance

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





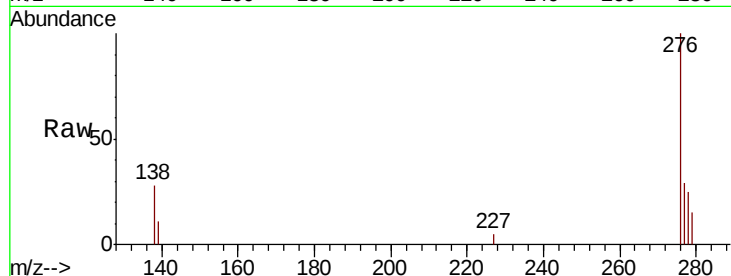
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.142 ng/uL
RT: 25.30 min Scan# 6082
Delta R.T. -0.00 min
Lab File: BN009225.D
Acq: 28 Dec 2019 13:18

Instrument :
BNA_N
ClientSampleId :
C0C54

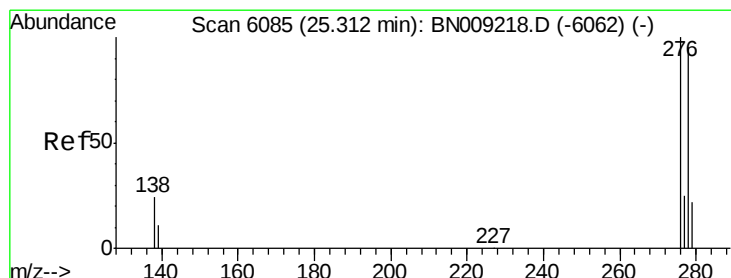
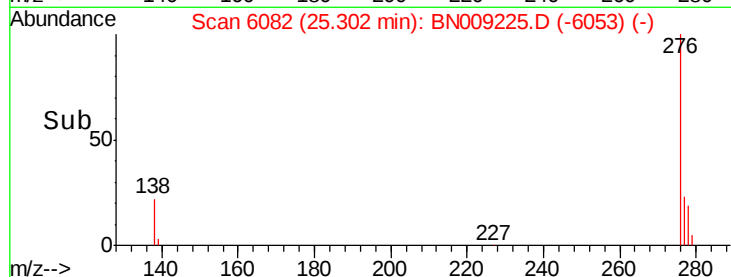
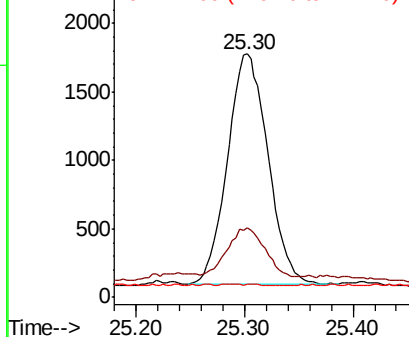
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	22.4	33.6
227	0.1	0.2	0.4

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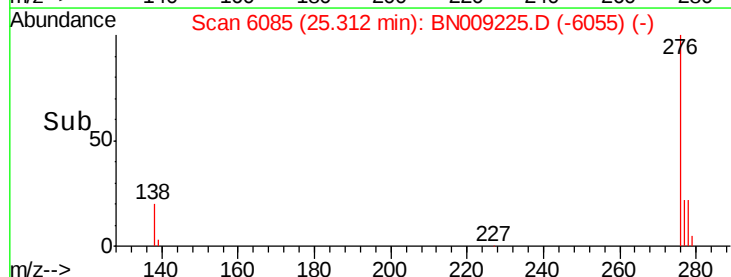
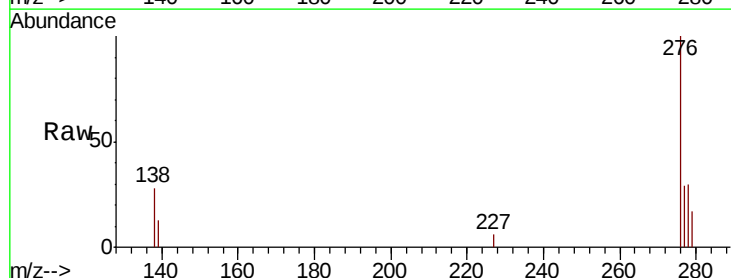
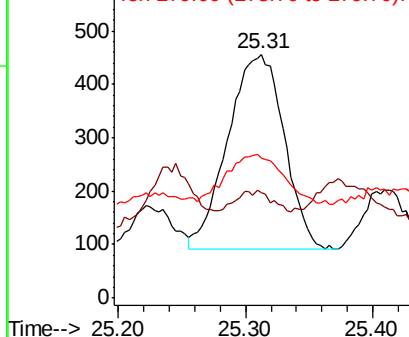
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E

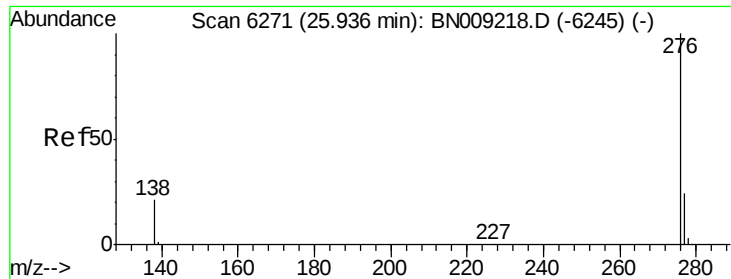


#25
Dibenzo(a,h)anthracene
Concen: 0.046 ng/uL
RT: 25.31 min Scan# 6085
Delta R.T. 0.00 min
Lab File: BN009225.D
Acq: 28 Dec 2019 13:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	43.2	16.2	24.2
279	57.2	20.3	30.5

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(a,h,i)perylene
Concen: 0.143 ng/ul
RT: 25.94 min Scan# 6271
Delta R.T. 0.00 min
Lab File: BN009225.D
Acq: 28 Dec 2019 13:18

Instrument :
BNA_N
ClientSampleId :
C0C54

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.1	20.6	30.8
277	29.9	19.6	29.4

Manual Integrations
APPROVED

mohammad
12/29/2019 5:32:16 PM

