

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121619\
 Data File : BN009003.D
 Acq On : 16 Dec 2019 17:54
 Operator : JU
 Sample : K6089-07DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BQ5DL

Manual Integrations
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mohammad
 12/17/2019 5:35:00 AM

Quant Time: Dec 16 18:28:04 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 : Mon Dec 16 17:48:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2405	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	10666	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	6953	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.92	188	15859	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	13280	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	12047	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.90	152	2084	0.11	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	6419	0.14	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.35	128	3763	0.116	ng/ul#	94
5) 2-Methylnaphthalene	11.97	142	3471	0.142	ng/ul	99
7) Acenaphthylene	13.89	152	3811	0.104	ng/ul#	93
8) Acenaphthene	14.24	153	640	0.022	ng/ul#	91
9) Fluorene	15.23	166	1677	0.049	ng/ul#	75
12) Phenanthrene	16.96	178	49240	0.893	ng/ul	100
13) Anthracene	17.06	178	5393	0.109	ng/ul#	96
15) Fluoranthene	18.99	202	86810	1.376	ng/ul	98
17) Pyrene	19.35	202	69993	1.033	ng/ul	96
18) Benzo(a)anthracene	21.11	228	30780	0.522	ng/ul#	94
19) Chrysene	21.16	228	45534	0.768	ng/ul#	95
21) Benzo(b)fluoranthene	22.64	252	44203m	0.786	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	13759m	0.243	ng/ul	
23) Benzo(a)pyrene	23.18	252	26027	0.528	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.37	276	15426	0.287	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.38	278	4195	0.098	ng/ul#	62
26) Benzo(a,h,i)perylene	26.01	276	15251	0.337	ng/ul	97

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

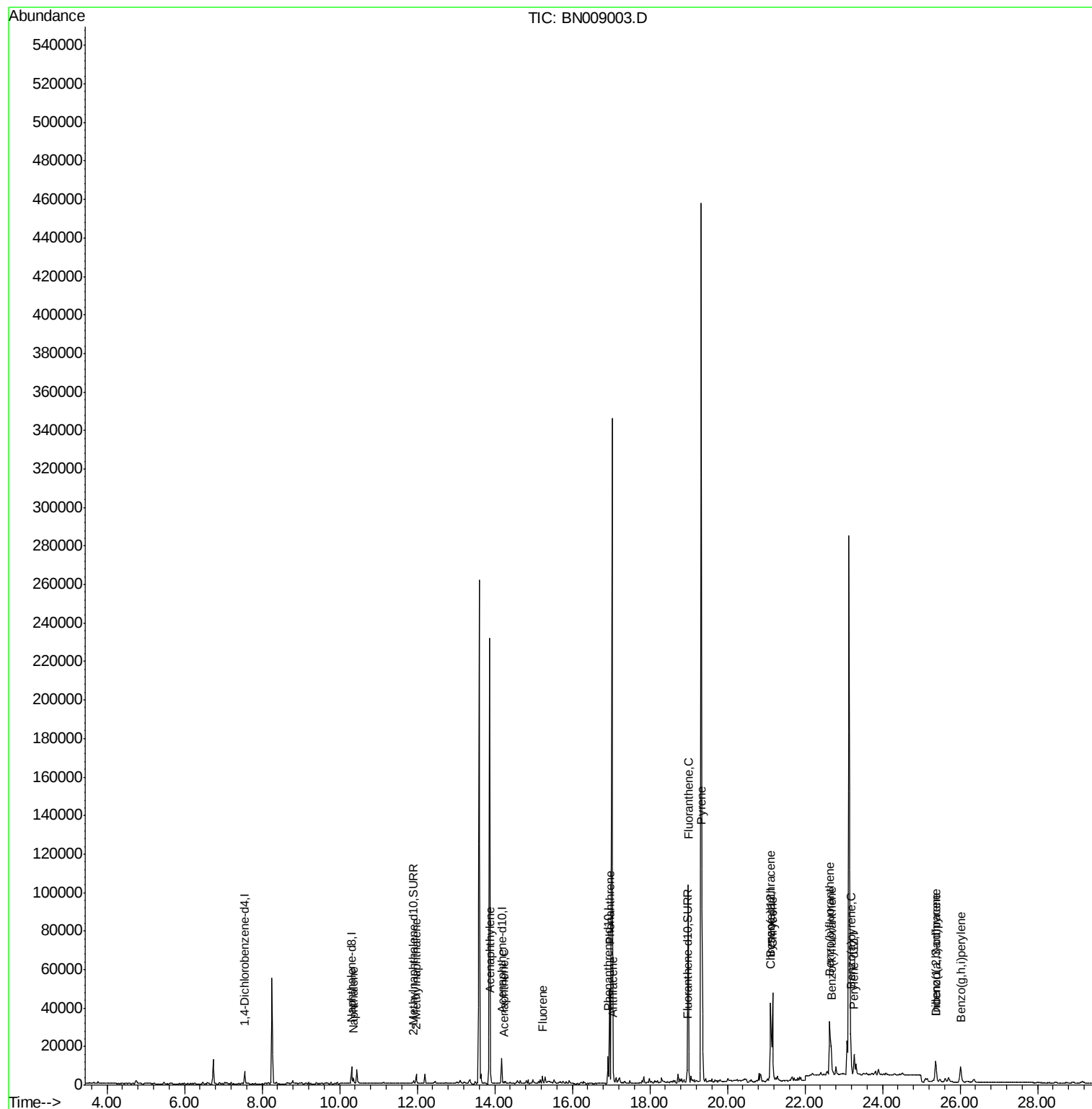
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121619\
Data File : BN009003.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

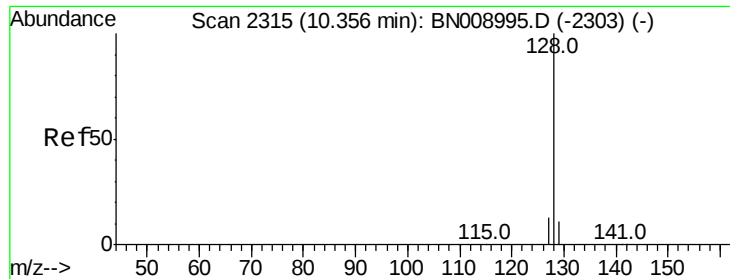
Instrument :
BNA_N
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C0BQ5DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
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QLast Update : Mon Dec 16 17:48:25 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.116 ng/ul

RT: 10.35 min Scan# 2314

Delta R.T. -0.01 min

Lab File: BN009003.D

Acq: 16 Dec 2019 17:54

Instrument :

BNA_N

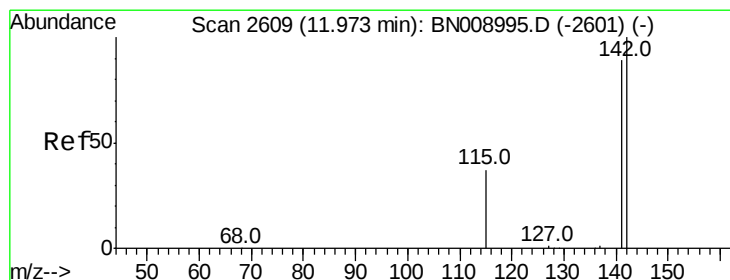
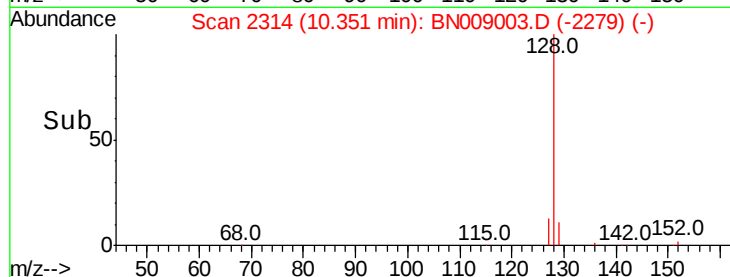
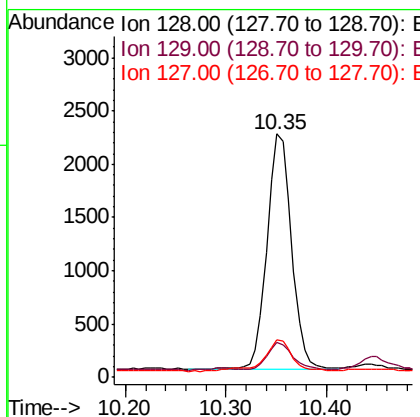
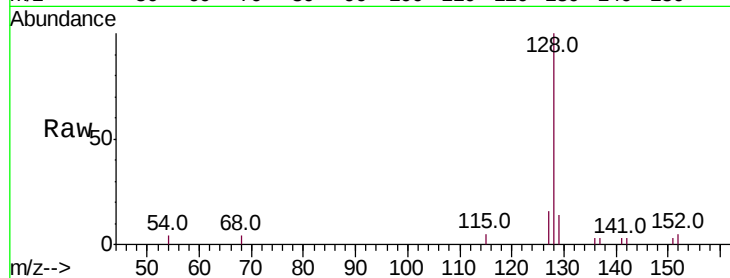
ClientSampleId :

C0BQ5DL

Tot Ion:	128	Resp:	3763
Ion	Ratio	Lower	Upper
128	100		
129	14.3	9.0	13.4#
127	15.6	10.9	16.3

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#5

2-Methylnaphthalene

Concen: 0.142 ng/ul

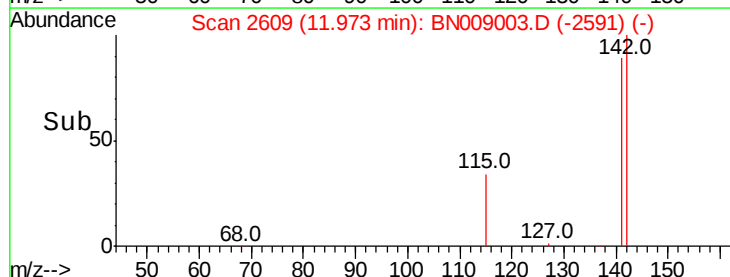
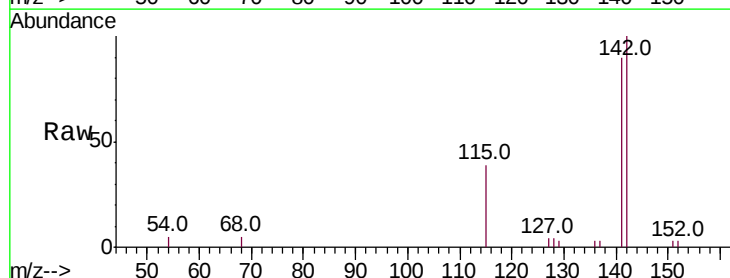
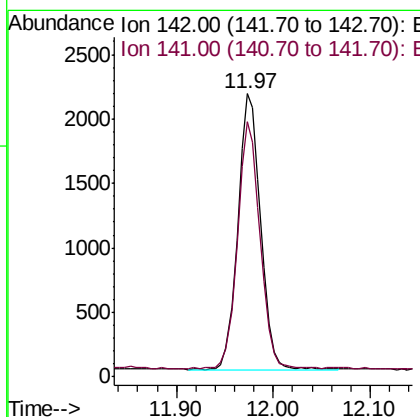
RT: 11.97 min Scan# 2609

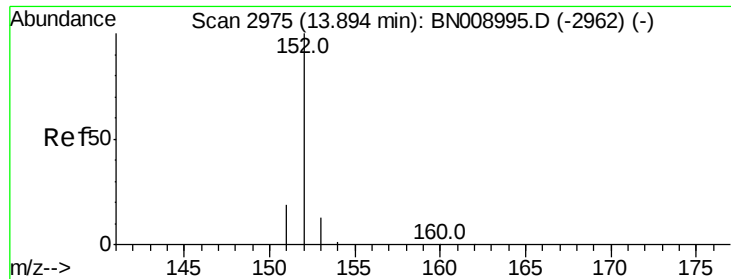
Delta R.T. 0.00 min

Lab File: BN009003.D

Acq: 16 Dec 2019 17:54

Tgt Ion:	142	Resp:	3471
Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.2	105.4





#7

Acenaphthylene

Concen: 0.104 ng/ul

RT: 13.89 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BN009003.D

Acq: 16 Dec 2019 17:54

Instrument :

BNA_N

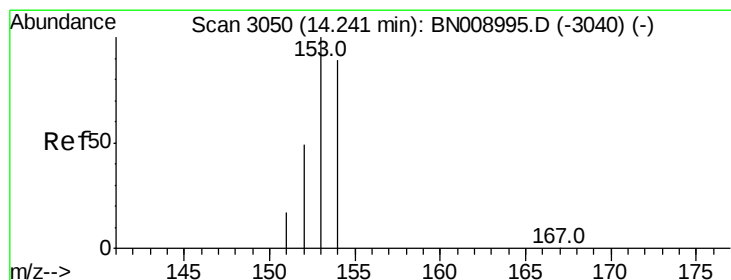
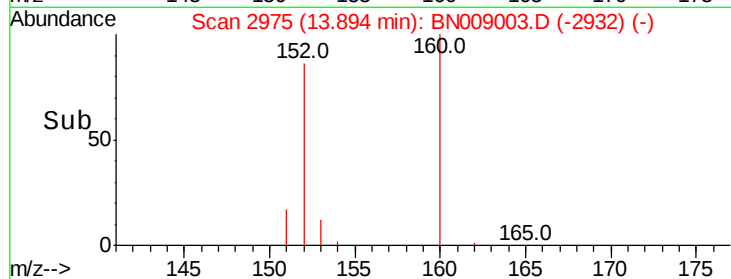
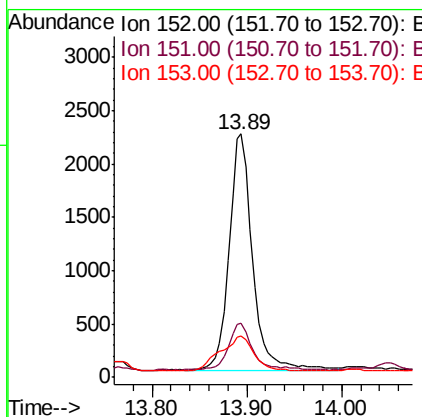
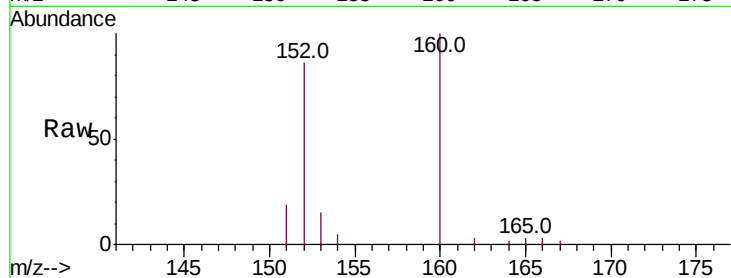
ClientSampleId :

C0BQ5DL

Tot Ion	152	Resp	3811
Ion Ratio	Lower	Upper	
152	100		
151	22.4	15.7	23.5
153	16.9	10.8	16.2#

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#8

Acenaphthene

Concen: 0.022 ng/ul

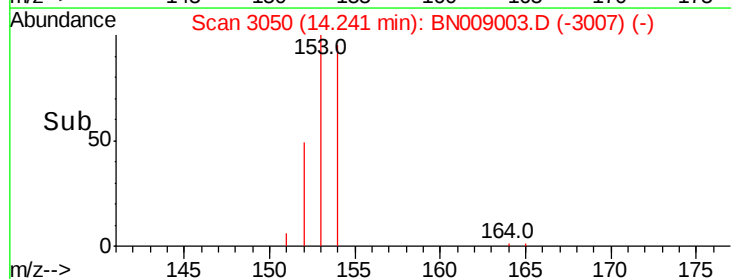
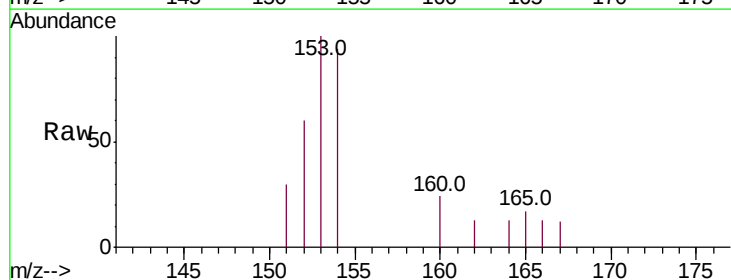
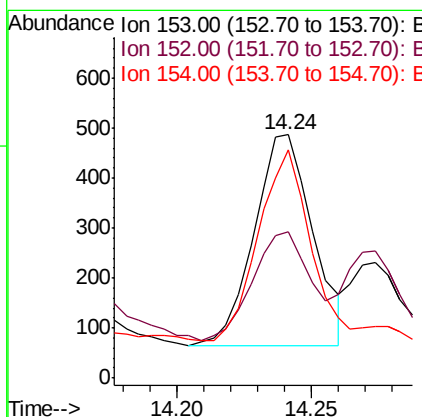
RT: 14.24 min Scan# 3050

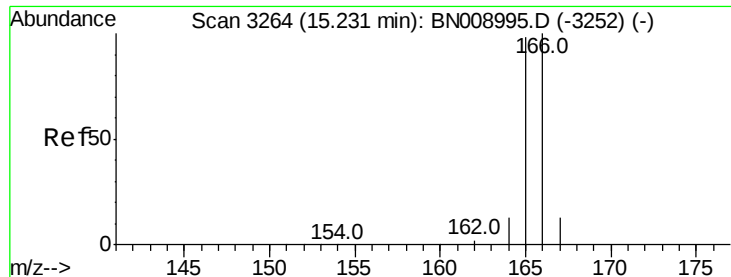
Delta R.T. 0.00 min

Lab File: BN009003.D

Acq: 16 Dec 2019 17:54

Tgt Ion	153	Resp	640
Ion Ratio	Lower	Upper	
153	100		
152	60.0	39.5	59.3#
154	93.8	71.3	106.9





#9

Fluorene

Concen: 0.049 ng/ul

RT: 15.23 min Scan# 3264

Delta R.T. 0.00 min

Lab File: BN009003.D

Acq: 16 Dec 2019 17:54

Instrument :

BNA_N

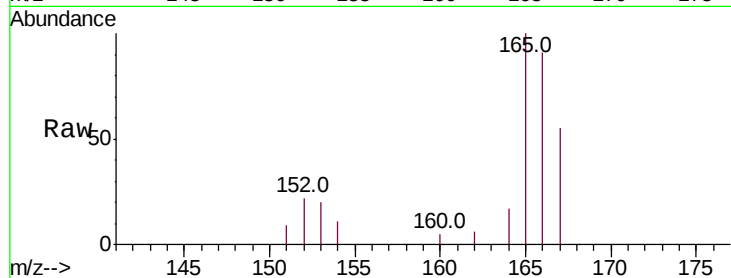
ClientSampleId :

C0BQ5DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	109.7	78.2	117.4
167	60.5	11.0	16.6#

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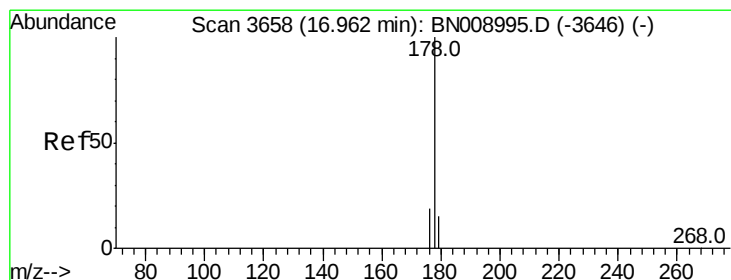
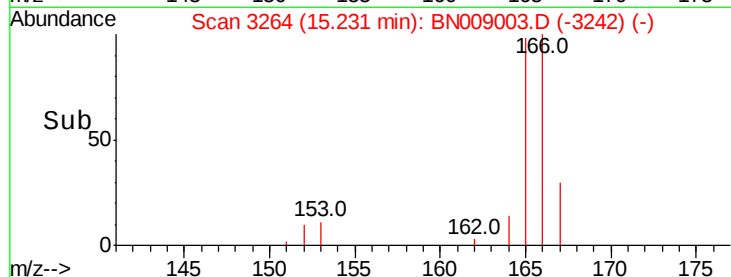
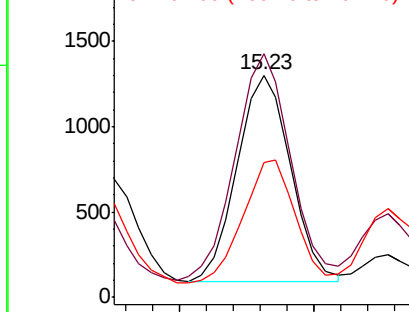


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 0.893 ng/ul

RT: 16.96 min Scan# 3658

Delta R.T. 0.00 min

Lab File: BN009003.D

Acq: 16 Dec 2019 17:54

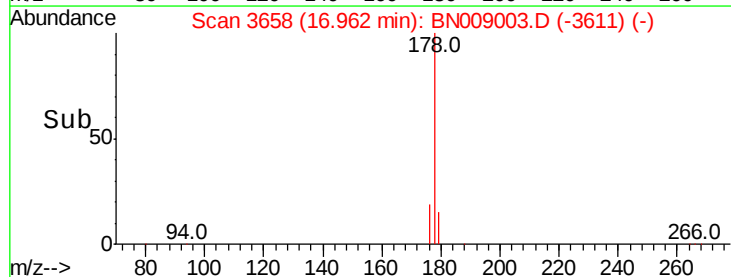
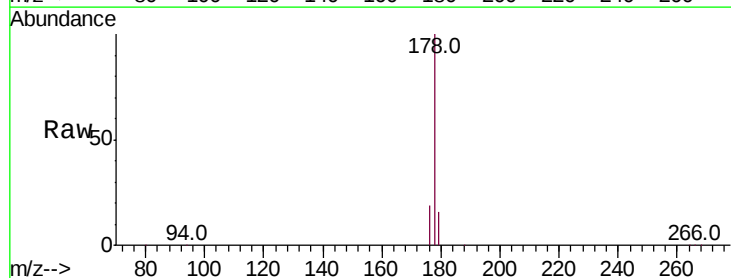
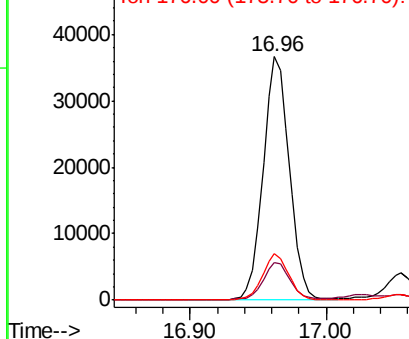
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.0	15.1	22.7

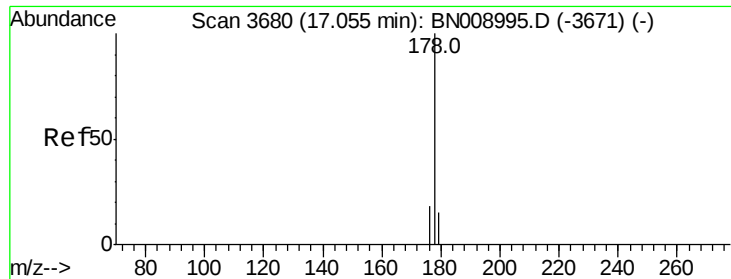
Abundance

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





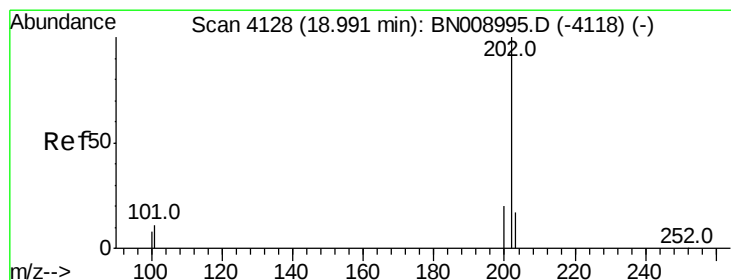
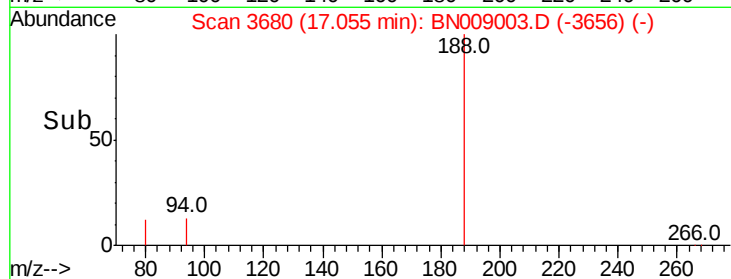
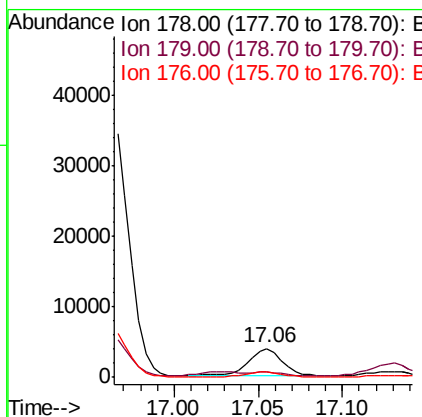
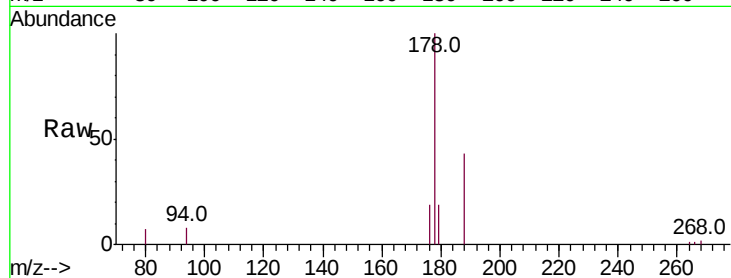
#13
 Anthracene
 Concen: 0.109 ng/ul
 RT: 17.06 min Scan# 3680
 Delta R.T. 0.00 min
 Lab File: BN009003.D
 Acq: 16 Dec 2019 17:54

Instrument :
 BNA_N
 ClientSampleId :
 C0BQ5DL

Tot Ion:178 Resp: 5393
 Ion Ratio Lower Upper
 178 100
 179 18.9 12.5 18.7#
 176 19.1 14.9 22.3

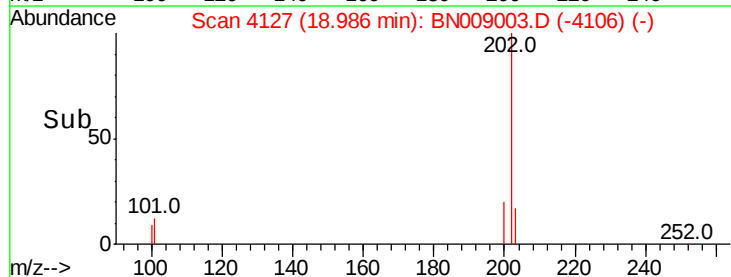
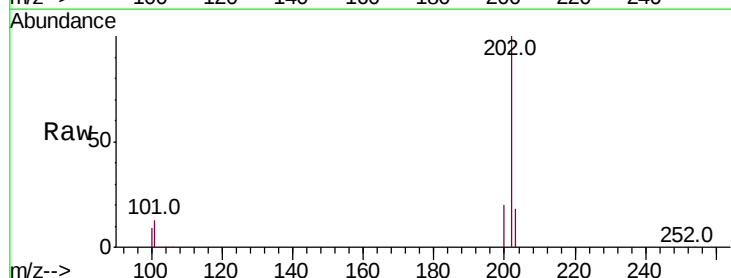
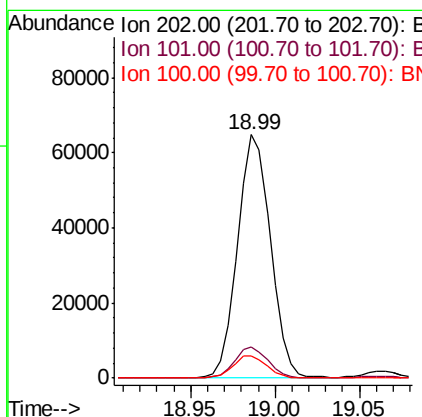
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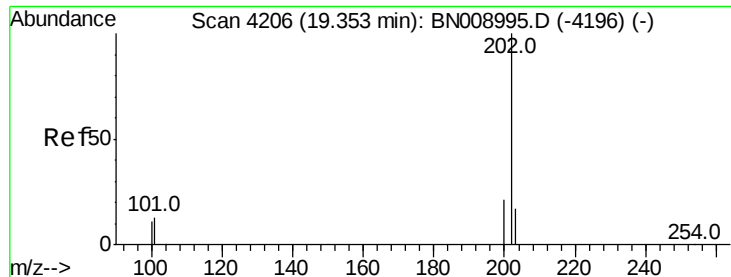
mohammad
 12/17/2019 5:35:00 AM



#15
 Fluoranthene
 Concen: 1.376 ng/ul
 RT: 18.99 min Scan# 4127
 Delta R.T. -0.00 min
 Lab File: BN009003.D
 Acq: 16 Dec 2019 17:54

Tgt Ion:202 Resp: 86810
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 31.5
 100 9.3 0.0 28.9





#17

Pvrene

Concen: 1.033 ng/ul

RT: 19.35 min Scan# 4205

Delta R.T. -0.00 min

Lab File: BN009003.D

Acq: 16 Dec 2019 17:54

Instrument :

BNA_N

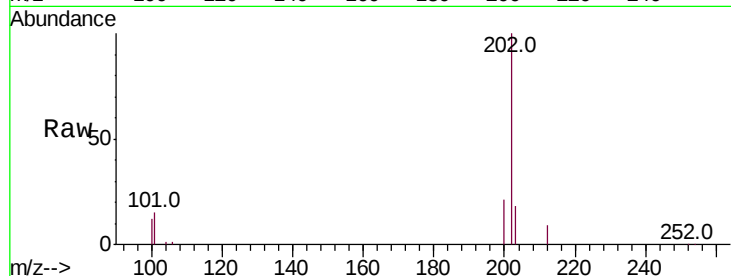
ClientSampleId :

C0BQ5DL

Tot Ion:	202	Resp:	69993
Ion Ratio	Lower	Upper	
202	100		
101	15.4	10.9	16.3
100	12.3	9.0	13.6

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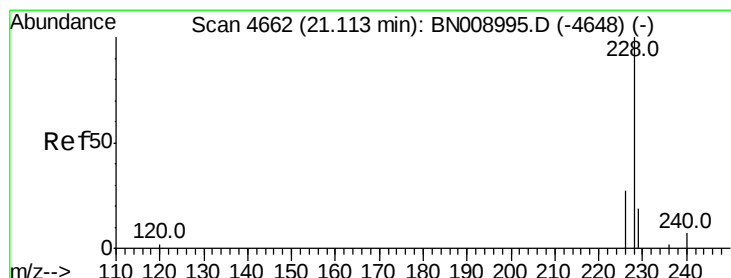
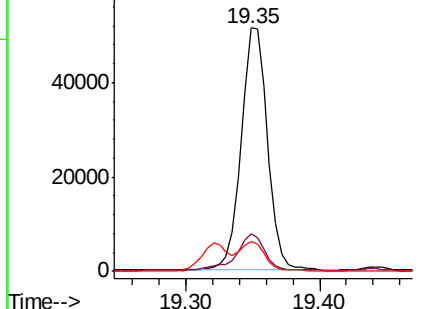
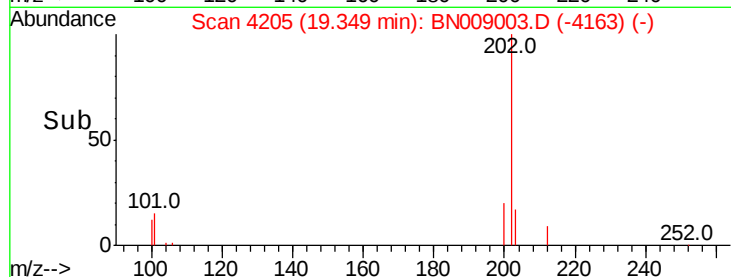
mohammad
12/17/2019 5:35:00 AM



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): B



#18

Benzo(a)anthracene

Concen: 0.522 ng/ul

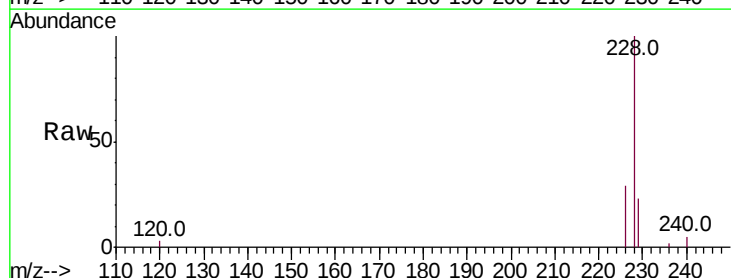
RT: 21.11 min Scan# 4661

Delta R.T. -0.00 min

Lab File: BN009003.D

Acq: 16 Dec 2019 17:54

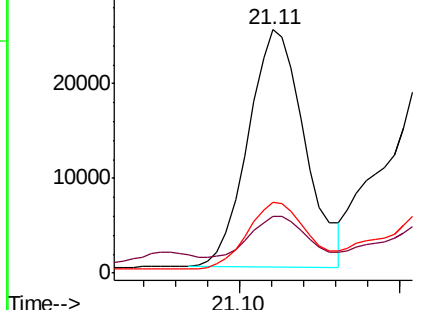
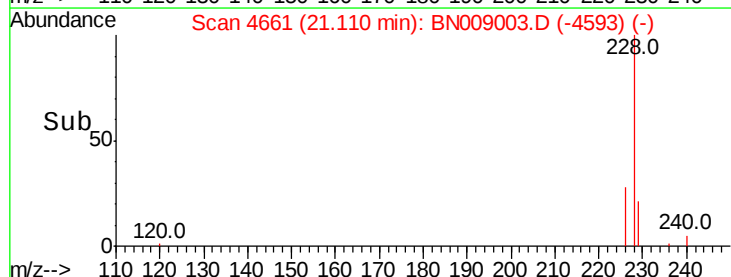
Tgt Ion:	228	Resp:	30780
Ion Ratio	Lower	Upper	
228	100		
229	23.4	15.5	23.3#
226	29.1	21.7	32.5

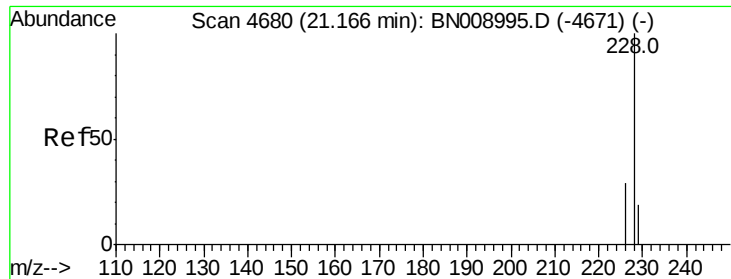


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.768 ng/ul

RT: 21.16 min Scan# 4679

Delta R.T. -0.00 min

Lab File: BN009003.D

Acq: 16 Dec 2019 17:54

Instrument :

BNA_N

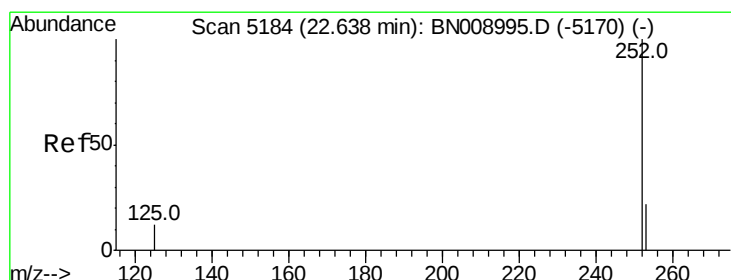
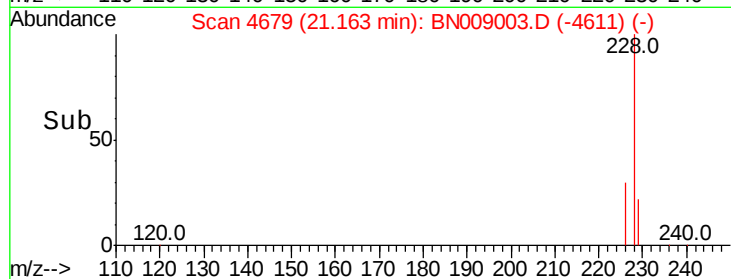
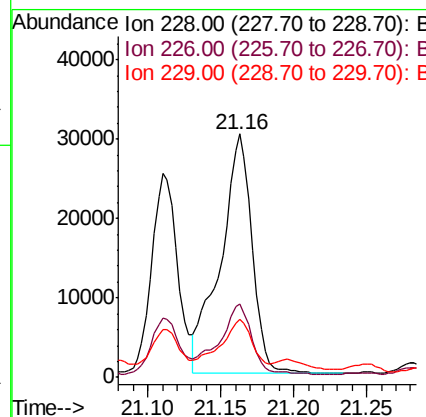
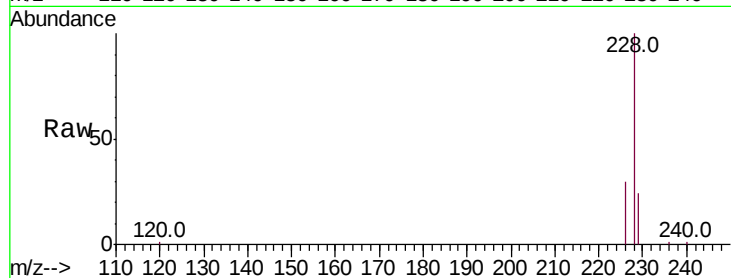
ClientSampleId :

C0BQ5DL

Tot Ion:	228	Resp:	45534
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.7	35.5
229	24.0	15.4	23.0

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#21

Benzo(b)fluoranthene

Concen: 0.786 ng/ul m

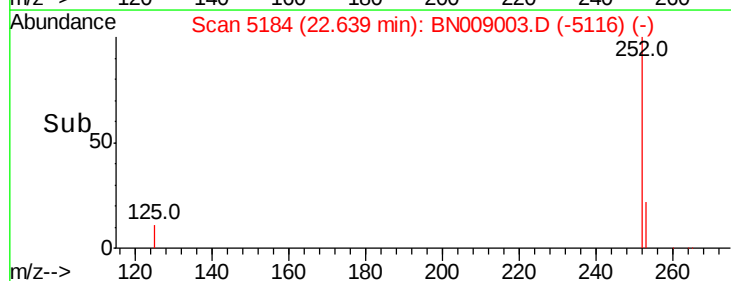
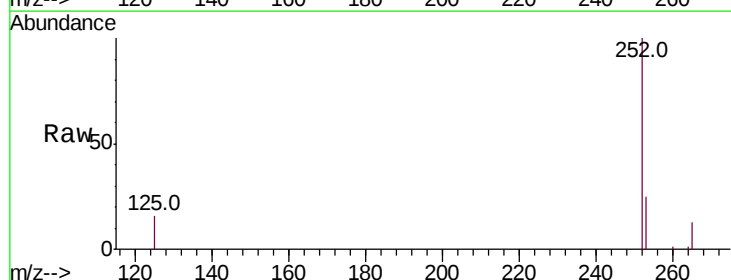
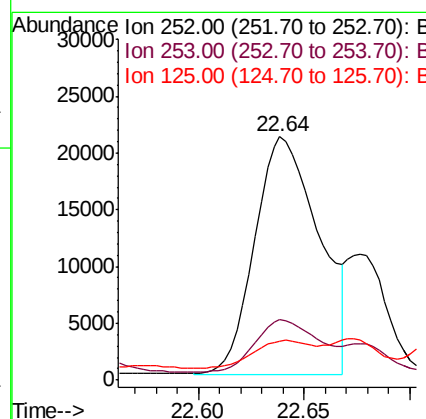
RT: 22.64 min Scan# 5184

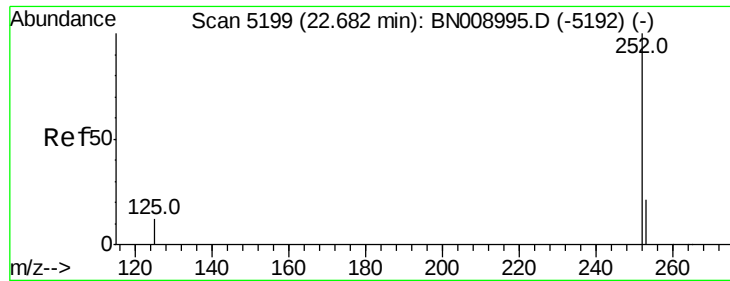
Delta R.T. 0.00 min

Lab File: BN009003.D

Acq: 16 Dec 2019 17:54

Tgt Ion:	252	Resp:	44203
Ion Ratio	Lower	Upper	
252	100		
253	24.7	0.0	48.2
125	16.2	0.0	30.0





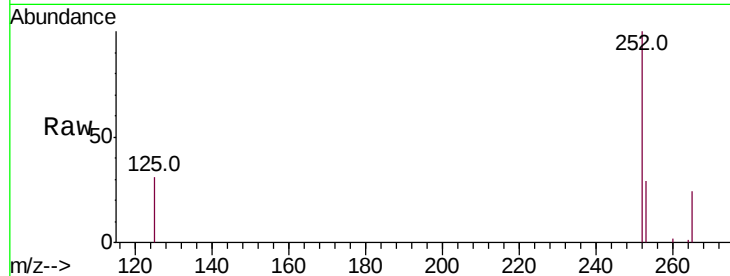
#22
Benzo(k)fluoranthene
Concen: 0.243 ng/ul m
RT: 22.68 min Scan# 5197
Delta R.T. -0.01 min
Lab File: BN009003.D
Acq: 16 Dec 2019 17:54

Instrument :
BNA_N
ClientSampleId :
C0BQ5DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.6	19.4	29.0
125	31.4	12.4	18.6

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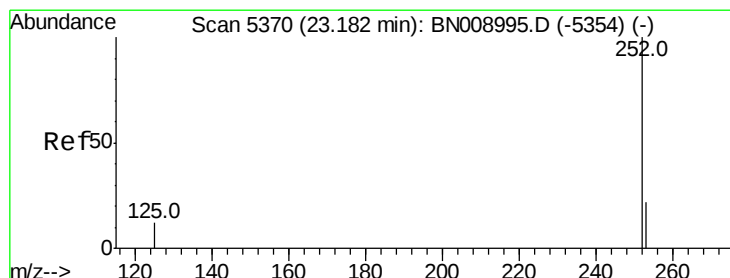
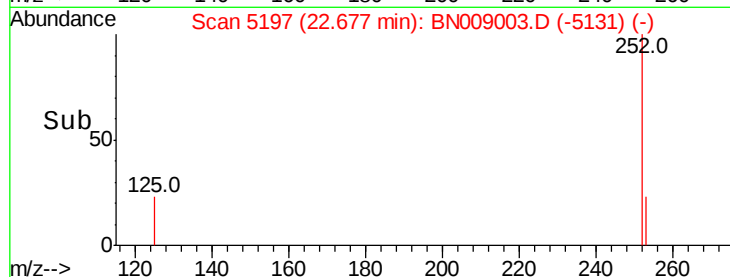
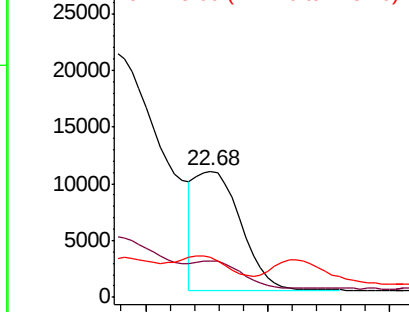


Abundance

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: 0.528 ng/ul
RT: 23.18 min Scan# 5368
Delta R.T. -0.01 min
Lab File: BN009003.D
Acq: 16 Dec 2019 17:54

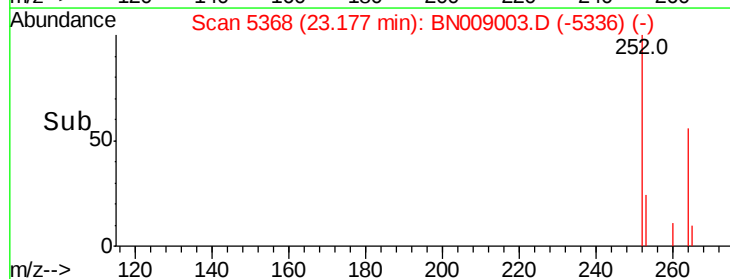
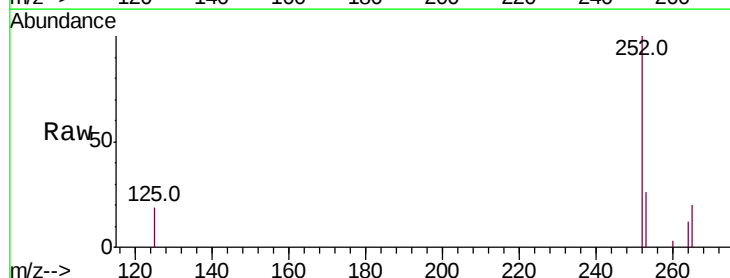
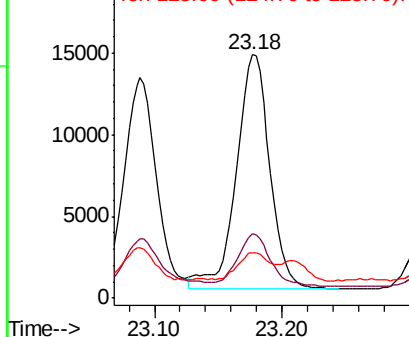
Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	20.2	30.4
125	18.6	13.2	19.8

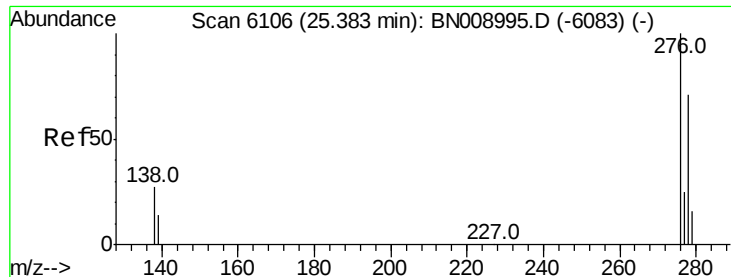
Abundance

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





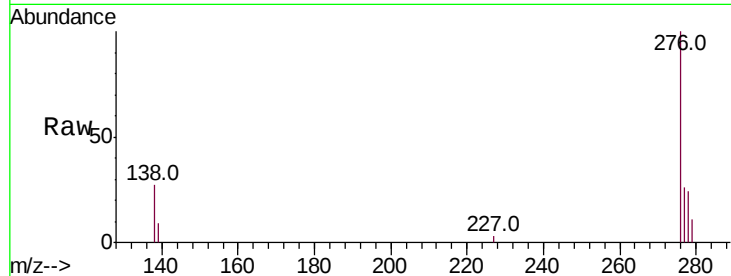
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.287 ng/ul
RT: 25.37 min Scan# 6103
Delta R.T. -0.01 min
Lab File: BN009003.D
Acq: 16 Dec 2019 17:54

Instrument :
BNA_N
ClientSampleId :
C0BQ5DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	22.4	33.6
227	0.2	0.2	0.4

Manual Integrations
APPROVED

mohammad
12/17/2019 5:35:00 AM

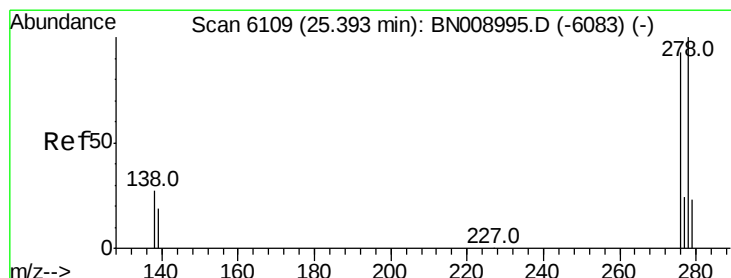
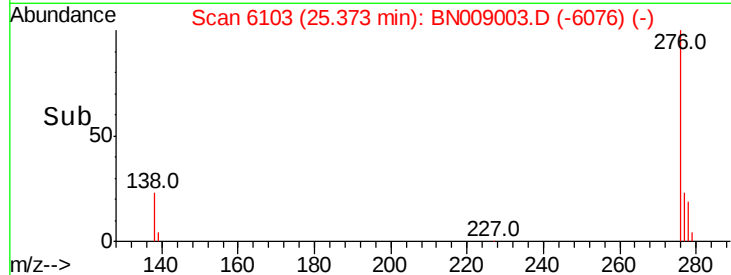
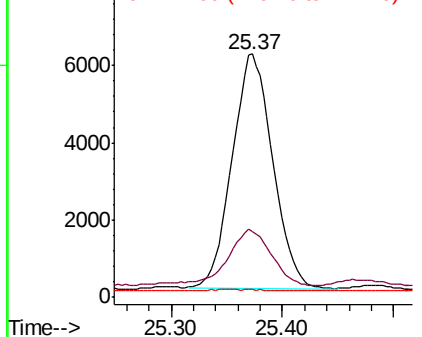


Abundance

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: 0.098 ng/ul
RT: 25.38 min Scan# 6105
Delta R.T. -0.01 min
Lab File: BN009003.D
Acq: 16 Dec 2019 17:54

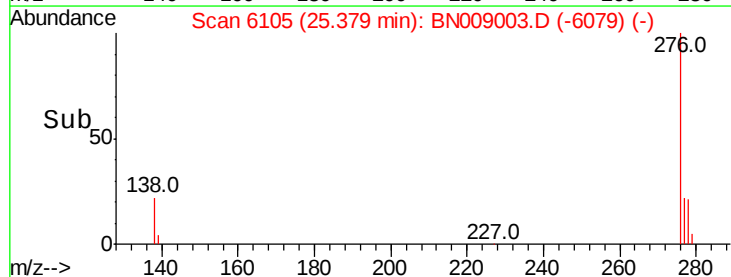
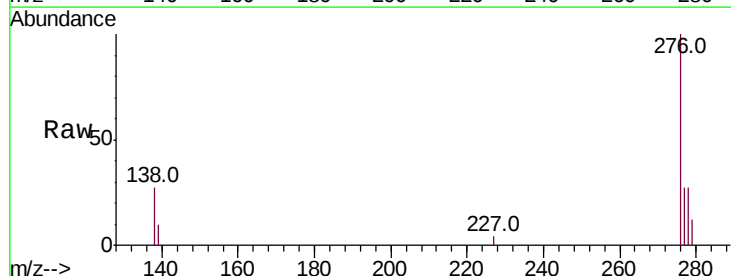
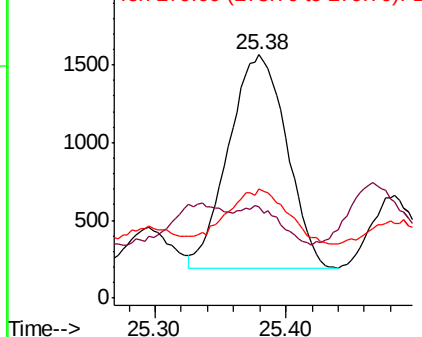
Tgt Ion	Ratio	Lower	Upper
278	100		
139	37.7	16.2	24.2
279	44.8	20.3	30.5

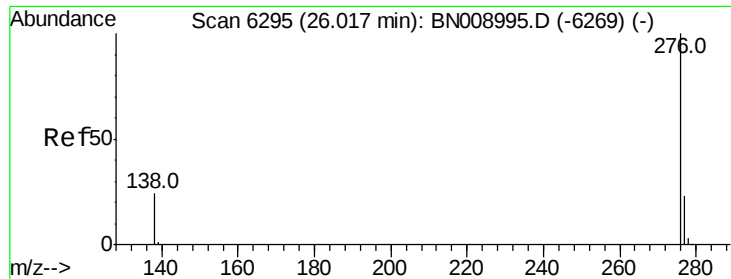
Abundance

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: 0.337 ng/ul
RT: 26.01 min Scan# 6294
Delta R.T. -0.00 min
Lab File: BN009003.D
Acq: 16 Dec 2019 17:54

Instrument :
BNA_N
ClientSampleId :
C0BQ5DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.2	20.6	30.8
277	26.2	19.6	29.4

Manual Integrations
APPROVED

mohammad
12/17/2019 5:35:00 AM

