

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
 Data File : BN008876.D
 Acq On : 07 Dec 2019 00:59
 Operator : JU
 Sample : K6007-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BM4

Manual Integrations
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Quant Time: Dec 07 02:01:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 23:00:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2822	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	12893	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	8657	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	19682	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	18065	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	21437	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	2904	0.14	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	9336	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	1208	0.031	ng/ul#	85
5) 2-Methylnaphthalene	11.99	142	715	0.026	ng/ul	95
7) Acenaphthylene	13.91	152	1878	0.039	ng/ul#	90
12) Phenanthrene	16.98	178	7217	0.109	ng/ul	98
13) Anthracene	17.07	178	2702	0.043	ng/ul#	91
15) Fluoranthene	19.00	202	20033	0.246	ng/ul	100
17) Pyrene	19.36	202	18819	0.260	ng/ul	99
18) Benzo(a)anthracene	21.12	228	12865	0.177	ng/ul#	89
19) Chrysene	21.17	228	13237	0.186	ng/ul#	89
21) Benzo(b)fluoranthene	22.65	252	16424m	0.186	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	6247m	0.071	ng/ul	
23) Benzo(a)pyrene	23.19	252	10697	0.129	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.39	276	9373	0.097	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.40	278	2421	0.031	ng/ul#	31
26) Benzo(g,h,i)perylene	26.04	276	26260	0.323	ng/ul	99

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

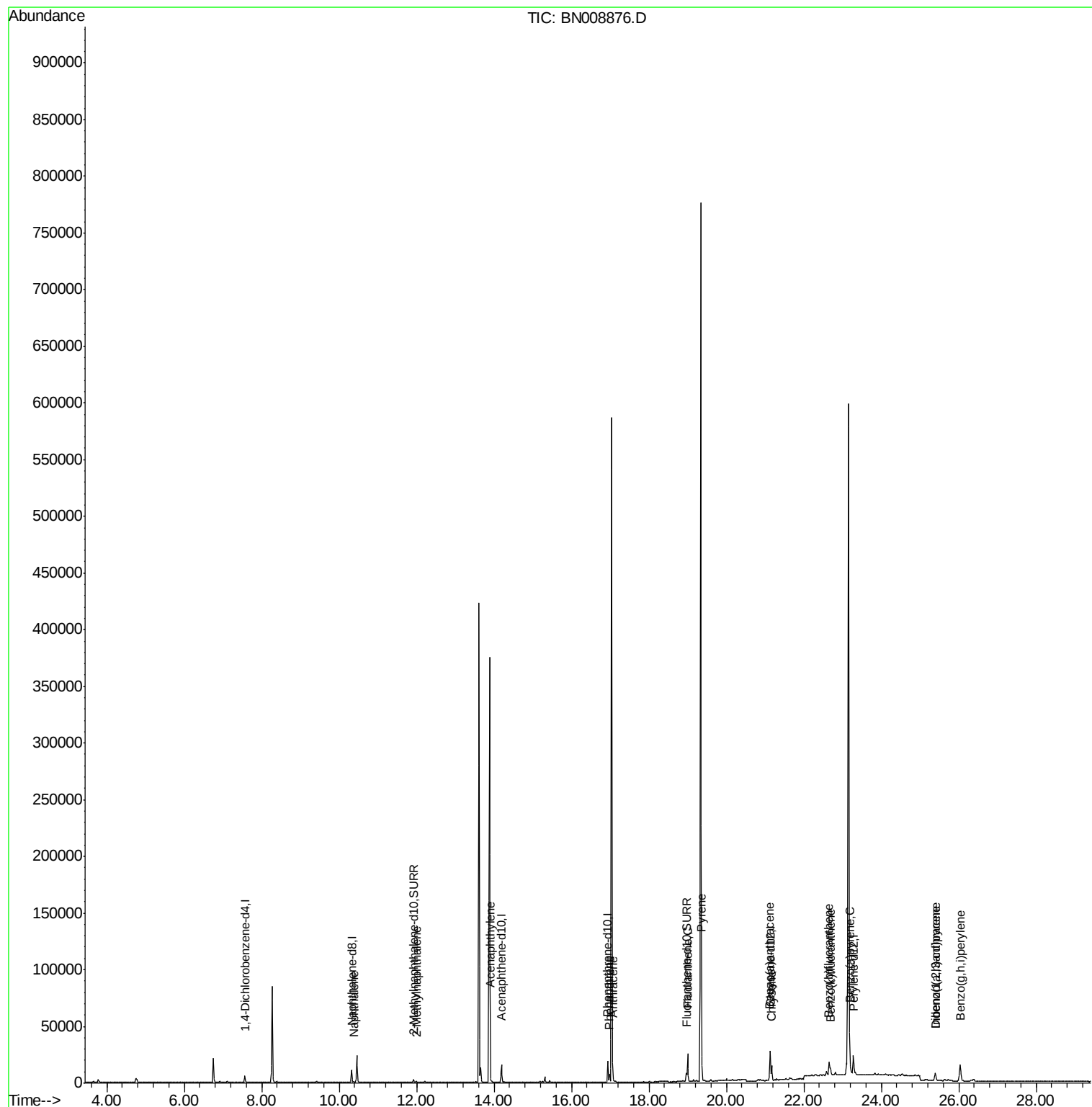
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120619\
Data File : BN008876.D
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ALS Vial : 23 Sample Multiplier: 1

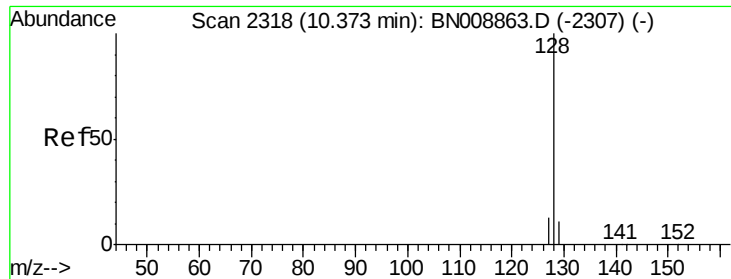
Instrument :
BNA_N
ClientSampleId :
C0BM4

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Quant Time: Dec 07 02:01:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
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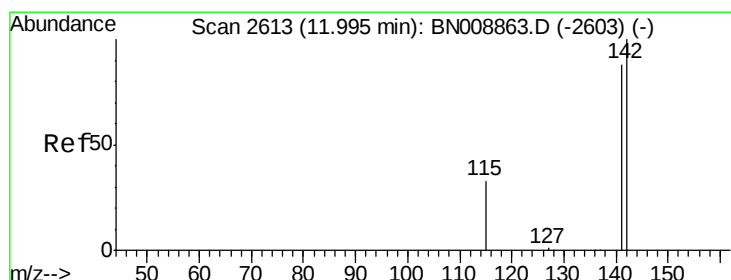
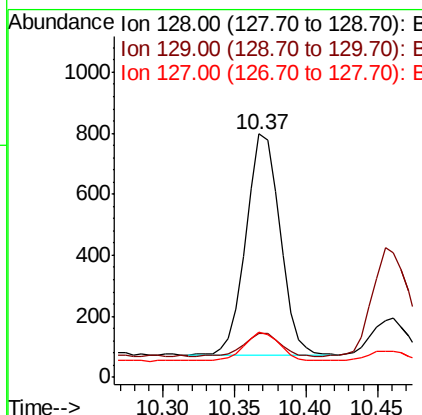
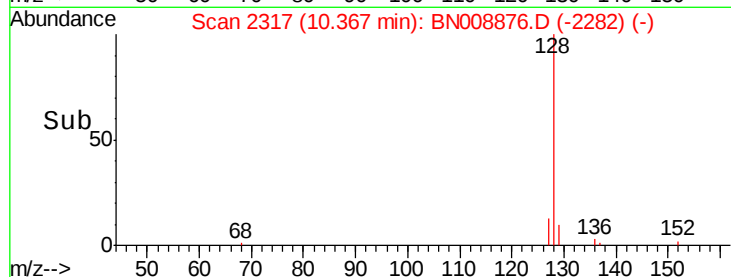
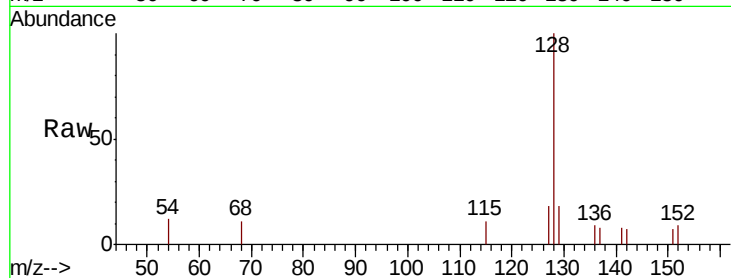
#3
Naphthalene
Concen: 0.031 ng/ul
RT: 10.37 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BN008876.D
Acq: 07 Dec 2019 00:59

Instrument :
BNA_N
ClientSampled :
C0BM4

Tot Ion	Ratio	Lower	Upper
128	100		
129	17.9	9.1	13.7#
127	18.4	10.7	16.1#

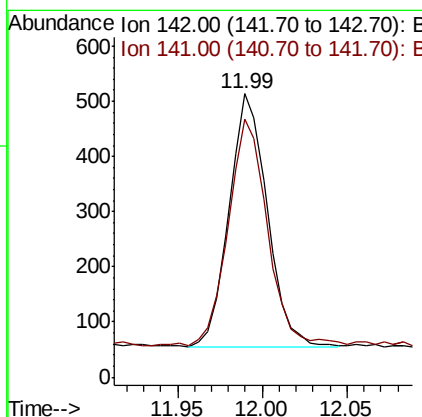
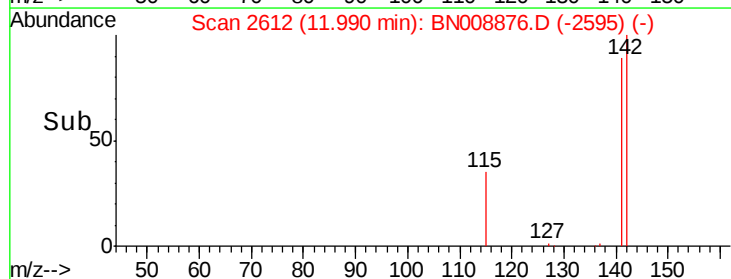
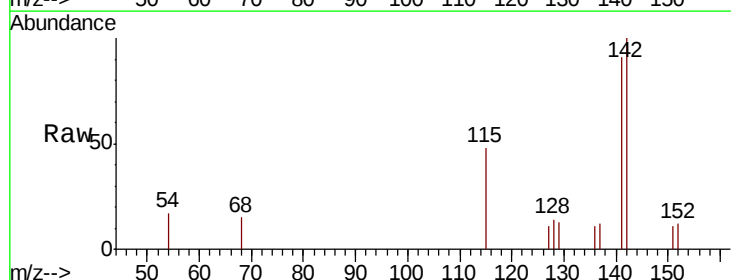
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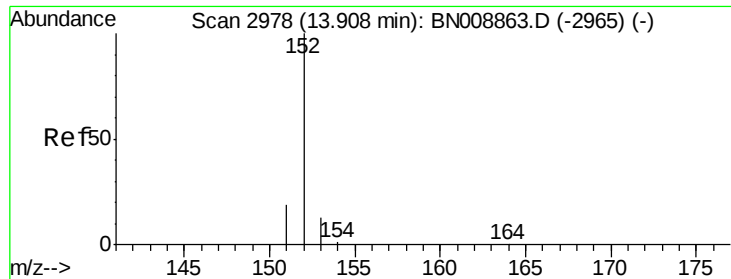
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#5
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 11.99 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BN008876.D
Acq: 07 Dec 2019 00:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	70.1	105.1





#7

Acenaphthylene

Concen: 0.039 ng/ul

RT: 13.91 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BN008876.D

Acq: 07 Dec 2019 00:59

Instrument :

BNA_N

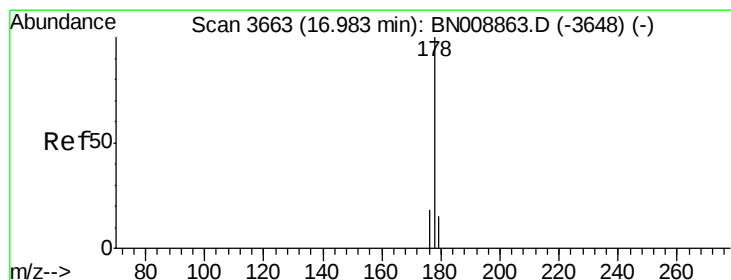
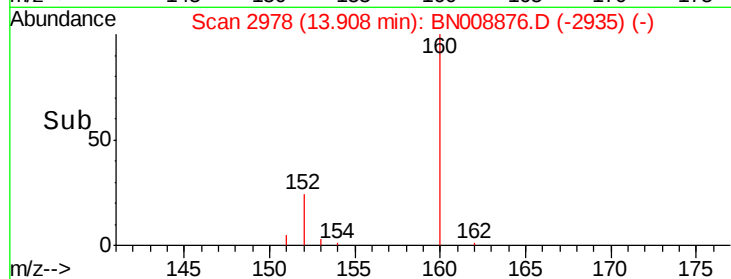
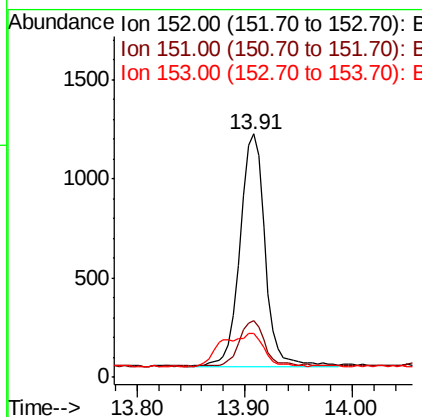
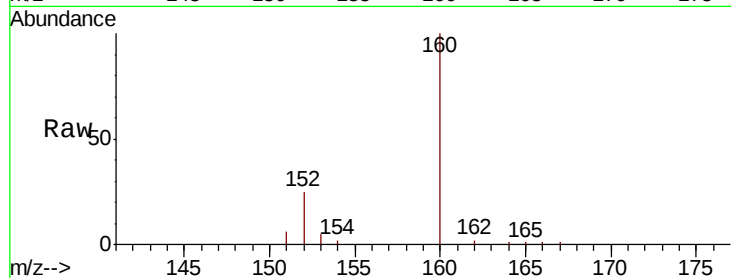
ClientSampleId :

C0BM4

Tot Ion:	152	Resp:	1878
Ion Ratio	Lower	Upper	
152	100		
151	23.4	15.8	23.6
153	18.2	10.6	15.8#

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#12

Phenanthrene

Concen: 0.109 ng/ul

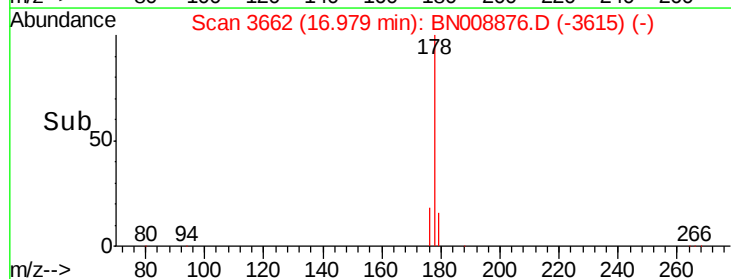
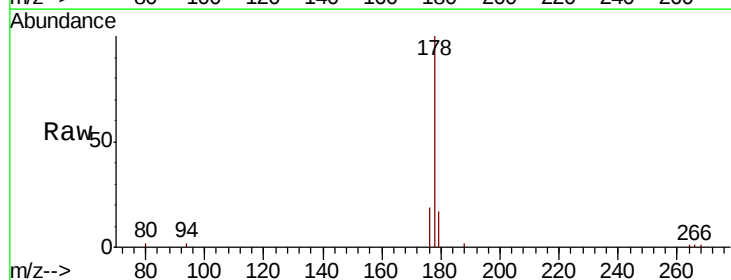
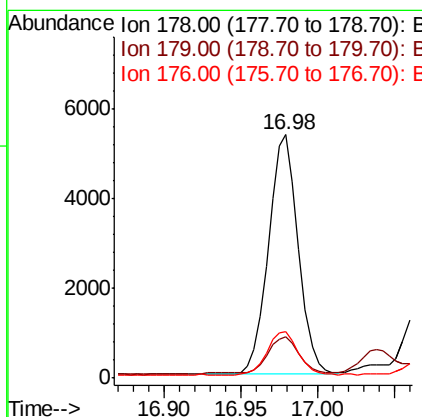
RT: 16.98 min Scan# 3662

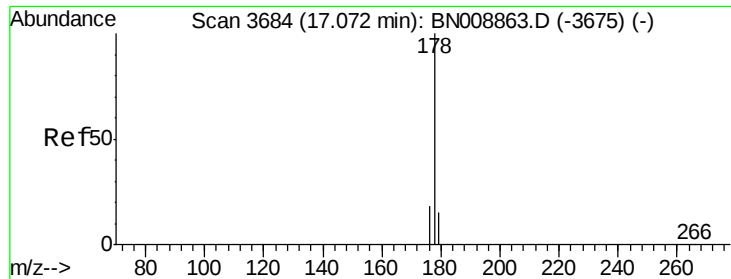
Delta R.T. -0.00 min

Lab File: BN008876.D

Acq: 07 Dec 2019 00:59

Tgt Ion:	178	Resp:	7217
Ion Ratio	Lower	Upper	
178	100		
179	17.1	12.6	18.8
176	19.2	15.3	22.9





#13

Anthracene

Concen: 0.043 ng/ul

RT: 17.07 min Scan# 3683

Delta R.T. -0.00 min

Lab File: BN008876.D

Acq: 07 Dec 2019 00:59

Instrument :

BNA_N

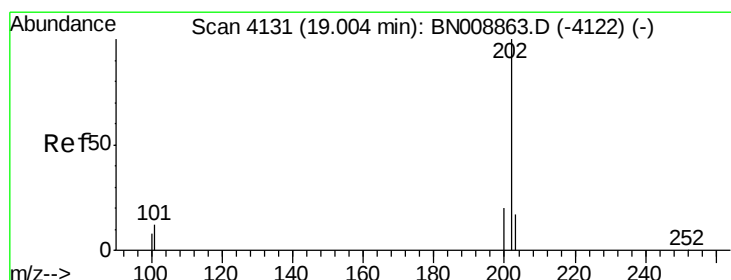
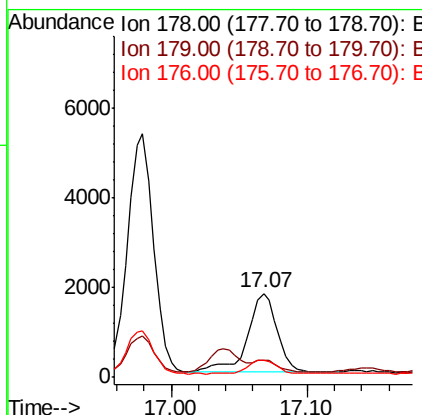
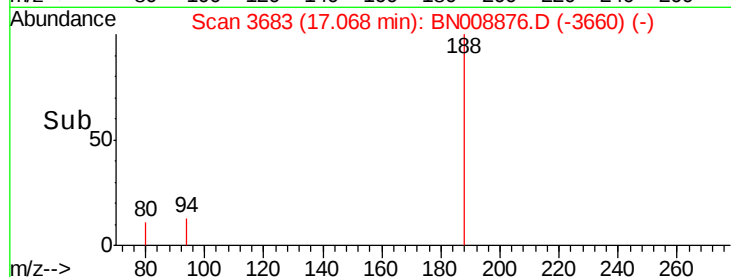
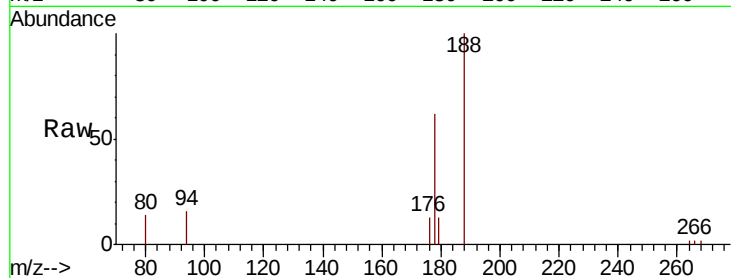
ClientSampleId :

C0BM4

Tot Ion:	178	Resp:	2702
Ion Ratio	Lower	Upper	
178	100		
179	21.1	12.2	18.4#
176	20.7	14.7	22.1

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#15

Fluoranthene

Concen: 0.246 ng/ul

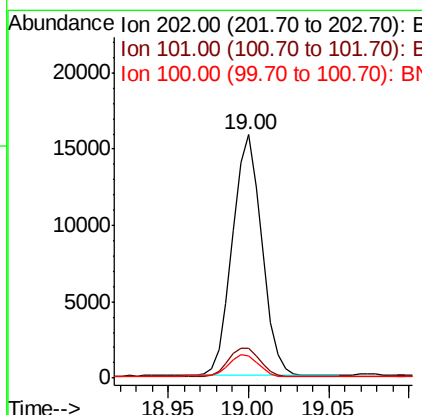
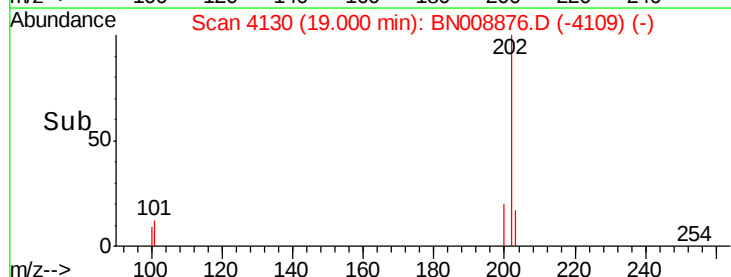
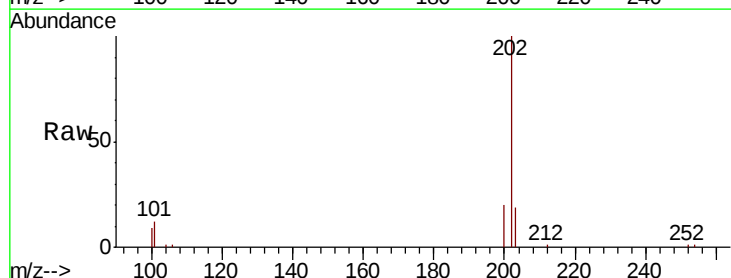
RT: 19.00 min Scan# 4130

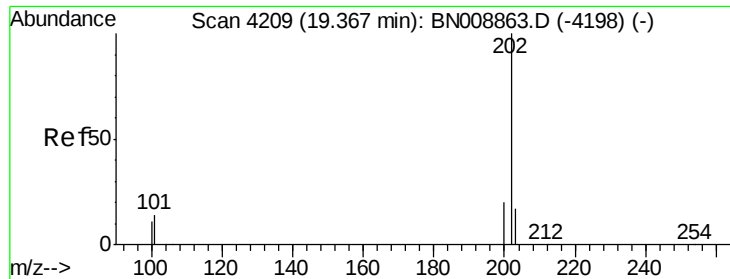
Delta R.T. -0.00 min

Lab File: BN008876.D

Acq: 07 Dec 2019 00:59

Tgt Ion:	202	Resp:	20033
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	32.4
100	9.2	0.0	29.2





#17

Pvrene

Concen: 0.260 ng/ul

RT: 19.36 min Scan# 4208

Delta R.T. -0.00 min

Lab File: BN008876.D

Acq: 07 Dec 2019 00:59

Instrument :

BNA_N

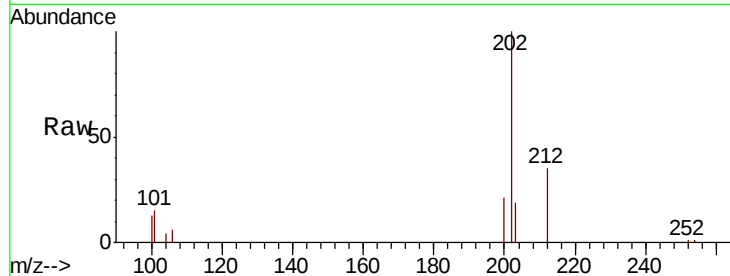
ClientSampleId :

C0BM4

Tot Ion:	202	Resp:	18819
Ion Ratio	Lower	Upper	
202	100		
101	15.1	12.2	18.4
100	12.5	9.5	14.3

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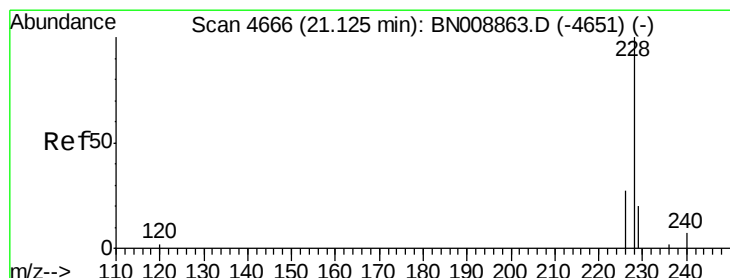
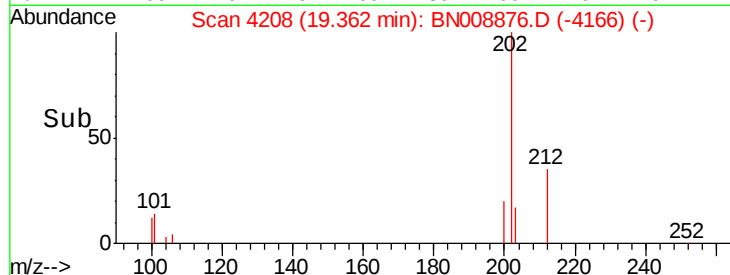
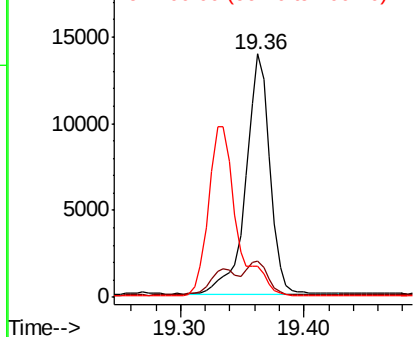
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 0.177 ng/ul

RT: 21.12 min Scan# 4664

Delta R.T. -0.01 min

Lab File: BN008876.D

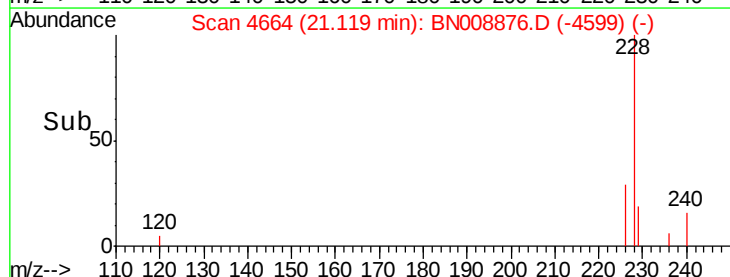
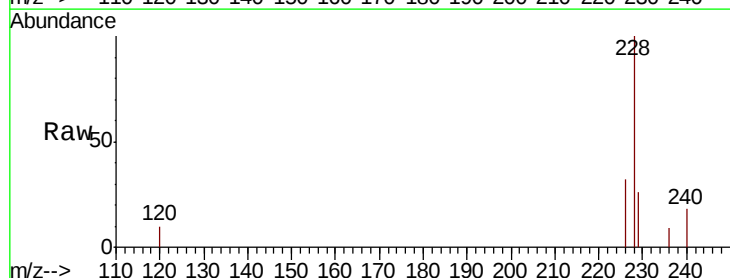
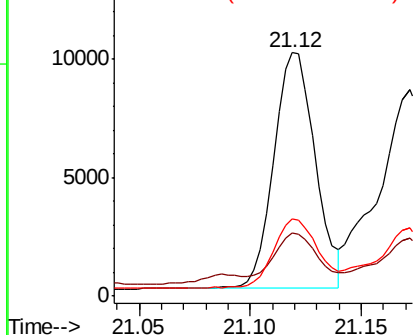
Acq: 07 Dec 2019 00:59

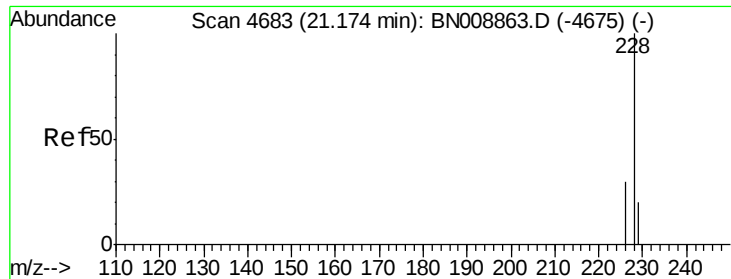
Tgt Ion:	228	Resp:	12865
Ion Ratio	Lower	Upper	
228	100		
229	25.9	15.7	23.5#
226	31.5	21.5	32.3

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: 0.186 ng/ul

RT: 21.17 min Scan# 4682

Delta R.T. -0.01 min

Lab File: BN008876.D

Acq: 07 Dec 2019 00:59

Instrument :

BNA_N

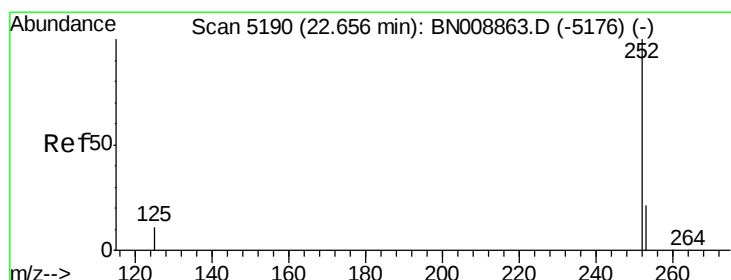
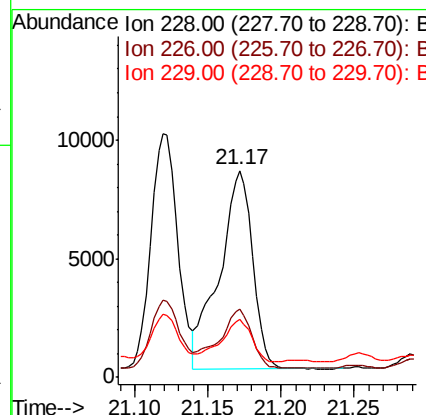
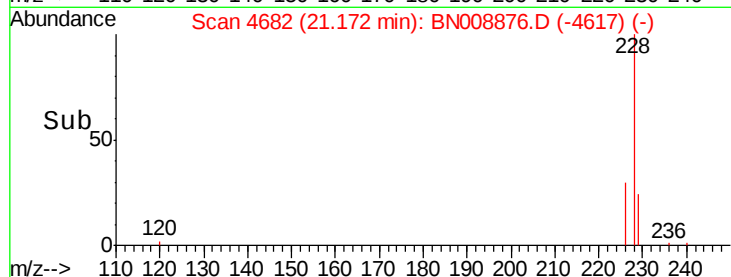
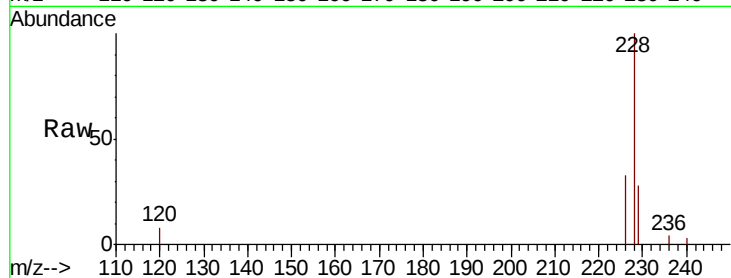
ClientSampled :

C0BM4

Tot Ion:	228	Resp:	13237
Ion Ratio	Lower	Upper	
228	100		
226	32.9	23.8	35.6
229	27.8	15.6	23.4#

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#21

Benzo(b)fluoranthene

Concen: 0.186 ng/ul m

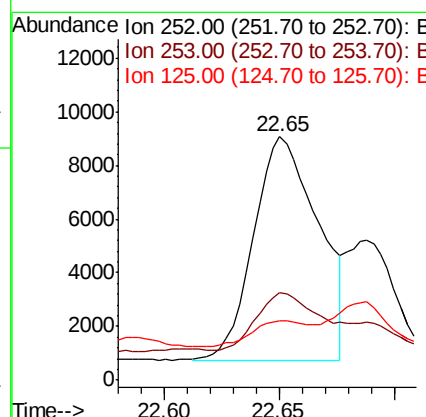
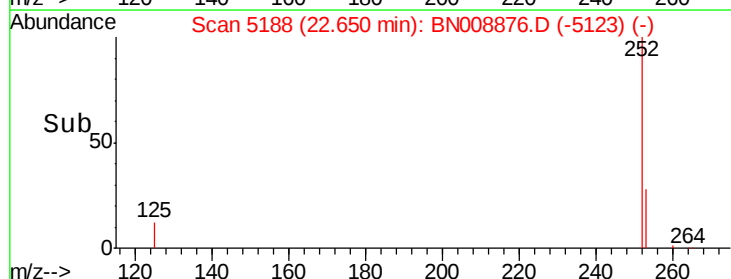
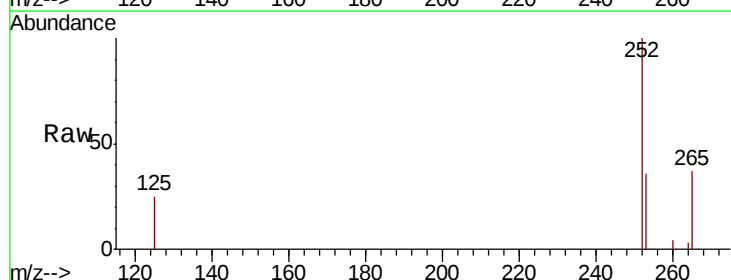
RT: 22.65 min Scan# 5188

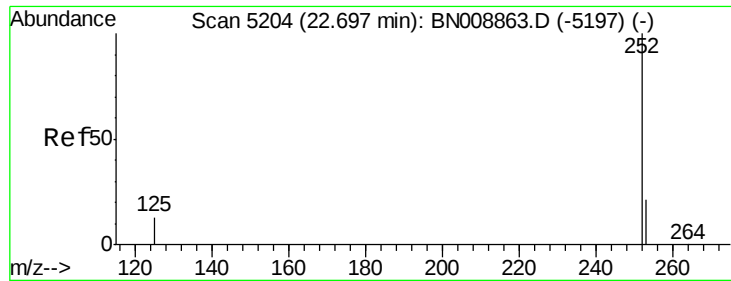
Delta R.T. -0.01 min

Lab File: BN008876.D

Acq: 07 Dec 2019 00:59

Tgt Ion:	252	Resp:	16424
Ion Ratio	Lower	Upper	
252	100		
253	35.8	0.0	48.6
125	24.6	0.0	31.6





#22

Benzo(k)fluoranthene

Concen: 0.071 ng/ul

RT: 22.69 min Scan# 5201

Delta R.T. -0.01 min

Lab File: BN008876.D

Acq: 07 Dec 2019 00:59

Instrument :

BNA_N

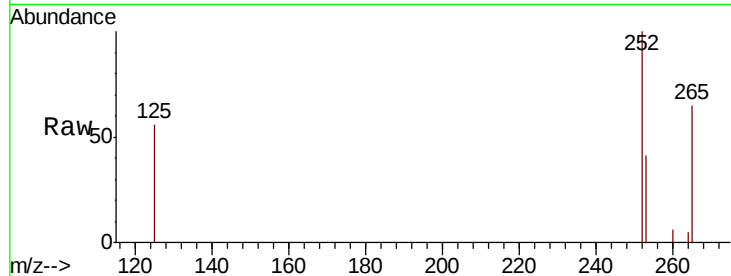
ClientSampled :

C0BM4

Tot Ion:	252	Resp:	6247
Ion Ratio	Lower	Upper	
252	100		
253	41.1	19.6	29.4#
125	55.7	13.8	20.6#

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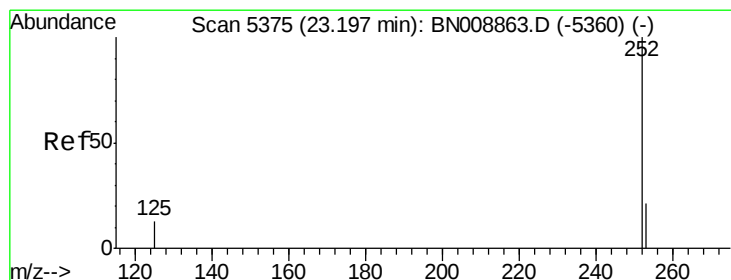
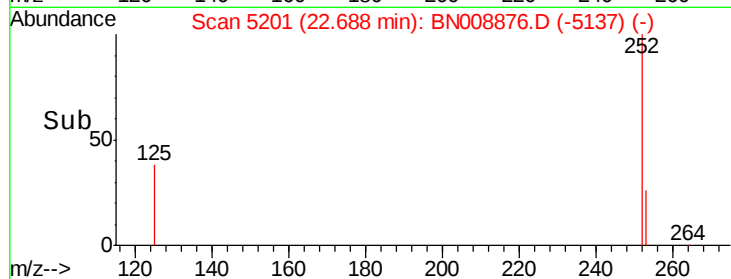
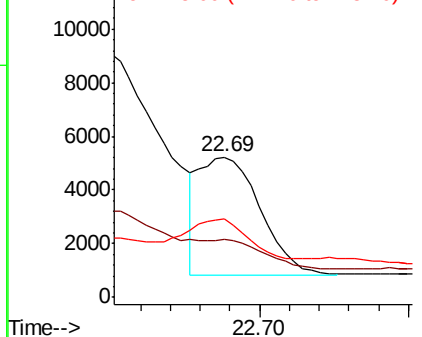


Abundance

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: 0.129 ng/ul

RT: 23.19 min Scan# 5373

Delta R.T. -0.01 min

Lab File: BN008876.D

Acq: 07 Dec 2019 00:59

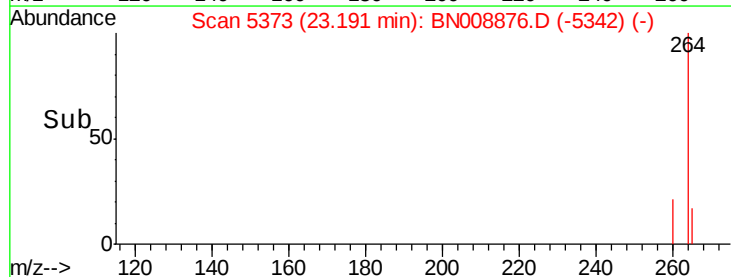
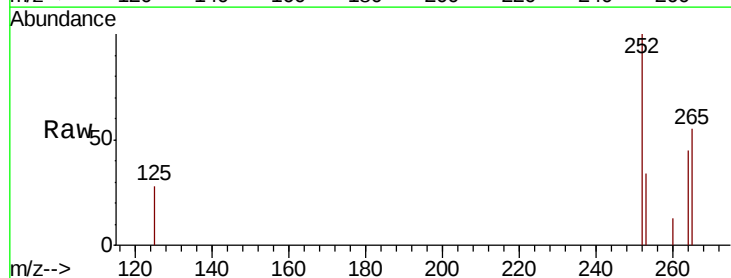
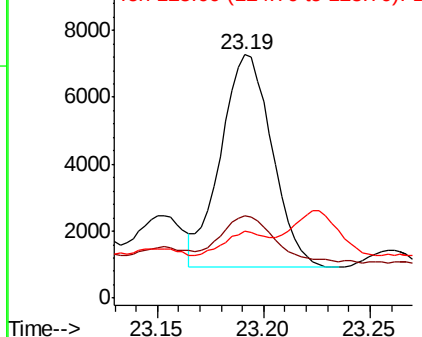
Tgt Ion:	252	Resp:	10697
Ion Ratio	Lower	Upper	
252	100		
253	33.6	19.9	29.9#
125	27.6	14.6	22.0#

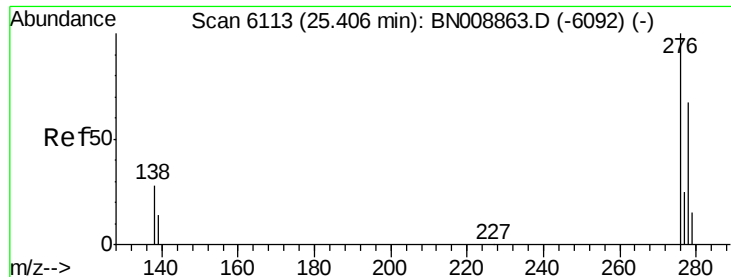
Abundance

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





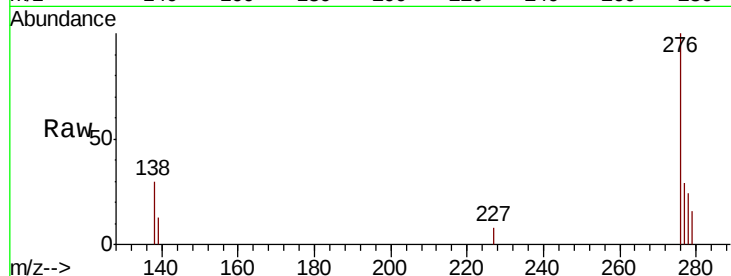
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.097 ng/ul
 RT: 25.39 min Scan# 6109
 Delta R.T. -0.02 min
 Lab File: BN008876.D
 Acq: 07 Dec 2019 00:59

Instrument :
 BNA_N
 ClientSampled :
 C0BM4

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.6	23.8	35.6
227	0.4	0.2	0.2

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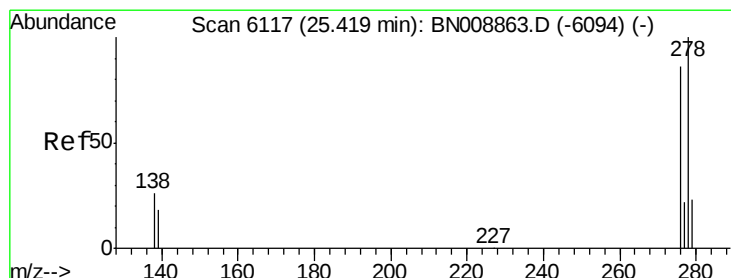
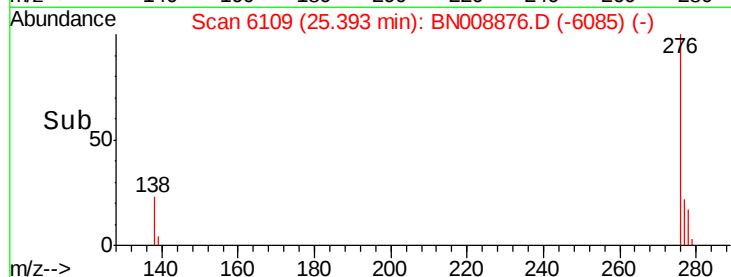
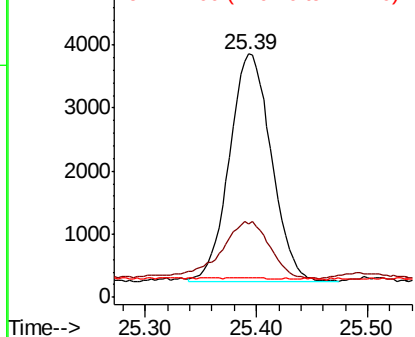


Abundance

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: 0.031 ng/ul
 RT: 25.40 min Scan# 6110
 Delta R.T. -0.03 min
 Lab File: BN008876.D
 Acq: 07 Dec 2019 00:59

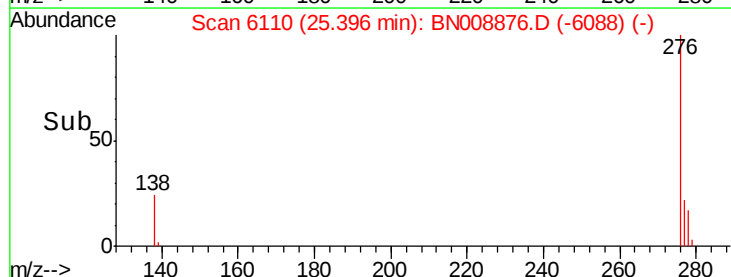
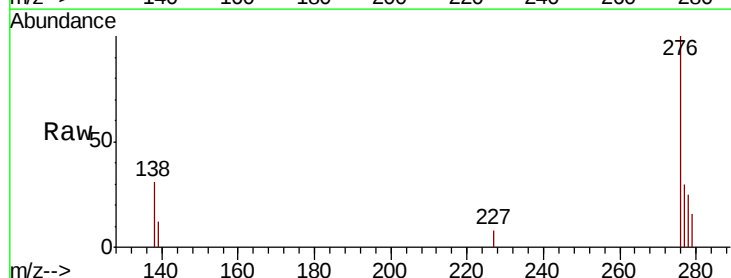
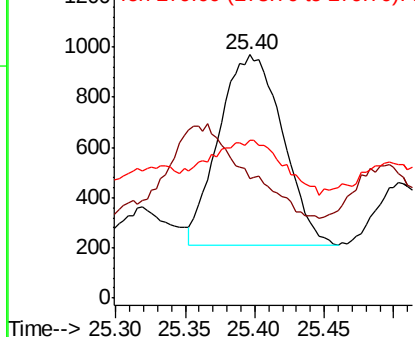
Tgt Ion	Ratio	Lower	Upper
278	100		
139	49.2	17.4	26.0
279	65.1	20.5	30.7

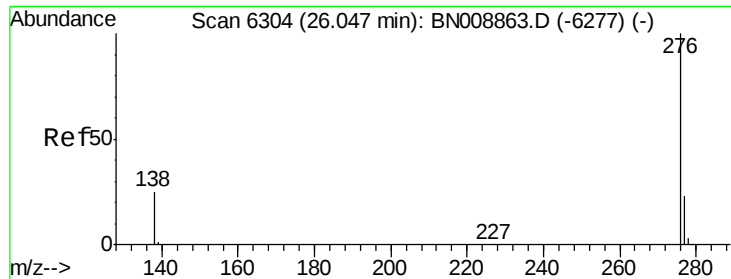
Abundance

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





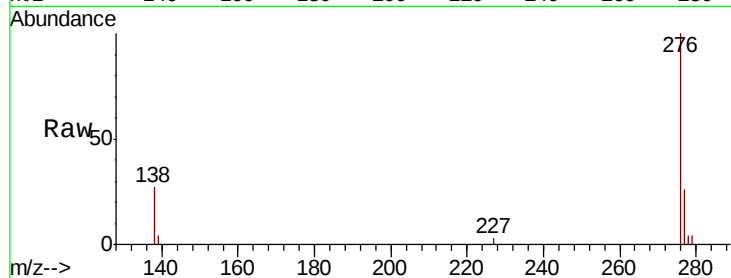
#26
Benzo(a,h,i)perylene
Concen: 0.323 ng/ul
RT: 26.04 min Scan# 6301
Delta R.T. -0.02 min
Lab File: BN008876.D
Acq: 07 Dec 2019 00:59

Instrument :
BNA_N
ClientSampleId :
C0BM4

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.9	32.9
277	25.5	19.9	29.9

Manual Integrations
APPROVED

mohammad
12/9/2019 3:08:18 PM



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

