

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120719\
 Data File : BN008884.D
 Acq On : 07 Dec 2019 11:28
 Operator : JU
 Sample : K6007-04DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BL2DL

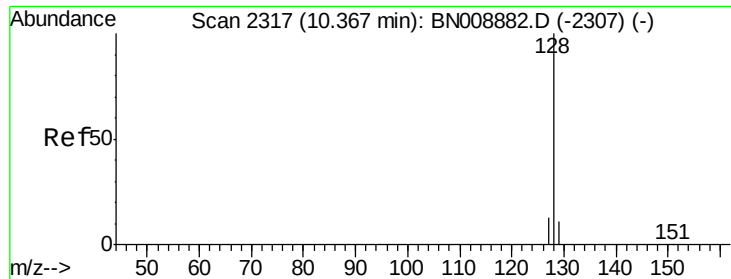
Manual Integrations
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Quant Time: Dec 09 00:22:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 12:03:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2320	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	9883	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	6468	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	14791	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	13074	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	14160	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	770	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.97	212	2130	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	2852	0.096	ng/ul#	94
5) 2-Methylnaphthalene	11.99	142	3224	0.155	ng/ul	99
7) Acenaphthylene	13.91	152	2898	0.081	ng/ul#	94
8) Acenaphthene	14.25	153	1994	0.075	ng/ul	97
9) Fluorene	15.24	166	8187	0.263	ng/ul	98
12) Phenanthrene	16.97	178	71923	1.442	ng/ul	99
13) Anthracene	17.07	178	15902	0.337	ng/ul	99
15) Fluoranthene	19.00	202	88953	1.451	ng/ul	100
17) Pyrene	19.36	202	71496	1.363	ng/ul	98
18) Benzo(a)anthracene	21.12	228	32919	0.626	ng/ul	98
19) Chrysene	21.17	228	29848	0.578	ng/ul	97
21) Benzo(b)fluoranthene	22.65	252	36612m	0.627	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	13981m	0.241	ng/ul	
23) Benzo(a)pyrene	23.19	252	27791	0.507	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.40	276	16533	0.258	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.40	278	4025	0.078	ng/ul#	78
26) Benzo(a,h,i)perylene	26.03	276	15145	0.282	ng/ul	99

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



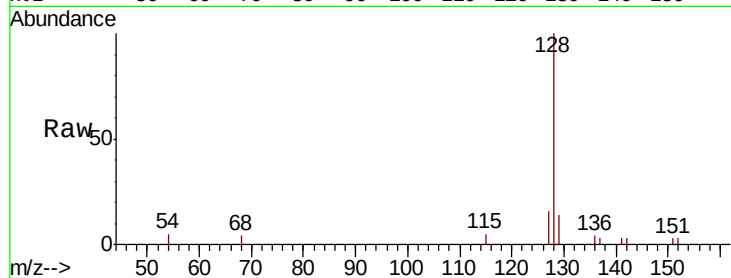
#3
Naphthalene
Concen: 0.096 ng/ul
RT: 10.37 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BN008884.D
Acq: 07 Dec 2019 11:28

Instrument :
BNA_N
ClientSampleId :
C0BL2DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.0	9.1	13.7#
127	15.5	10.7	16.1

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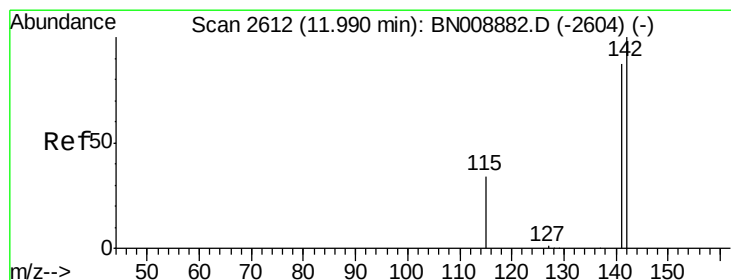
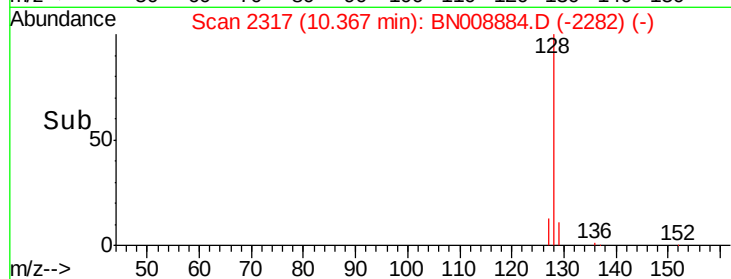
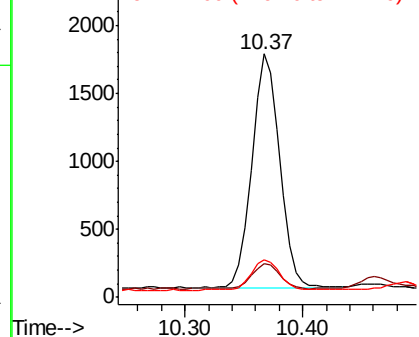


Abundance

Ion 128.00 (127.70 to 128.70): E

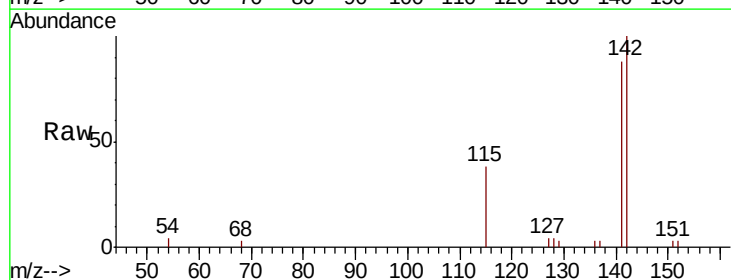
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5
2-Methylnaphthalene
Concen: 0.155 ng/ul
RT: 11.99 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BN008884.D
Acq: 07 Dec 2019 11:28

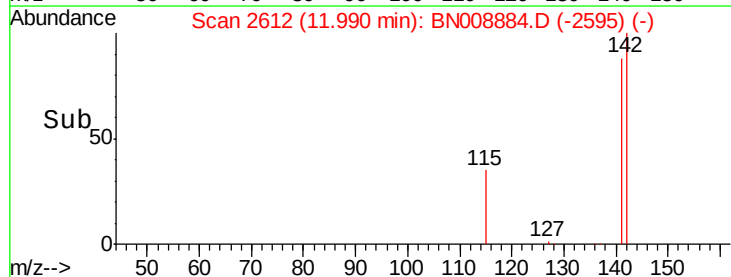
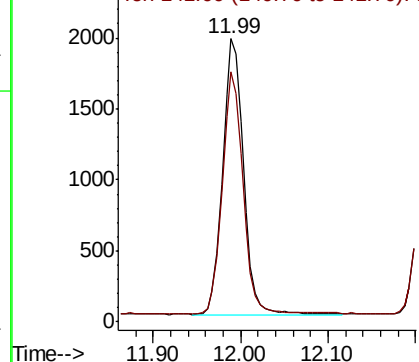
Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.5	70.1	105.1

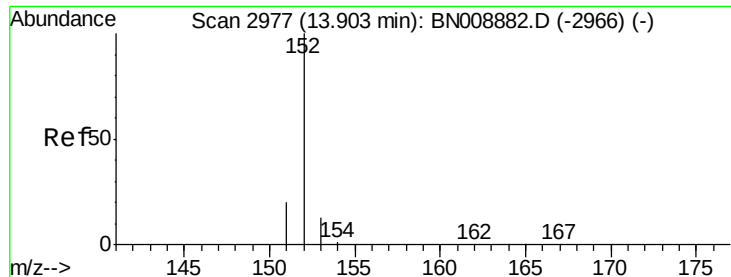


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.081 ng/ul

RT: 13.91 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BN008884.D

Acq: 07 Dec 2019 11:28

Instrument :

BNA_N

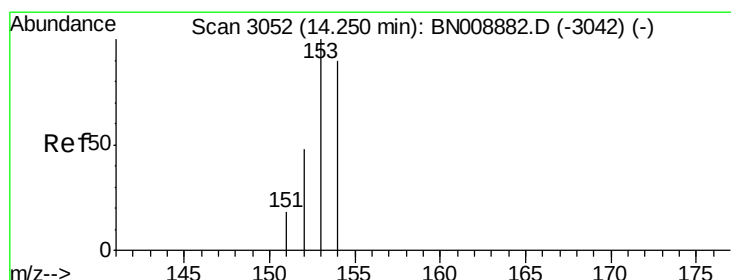
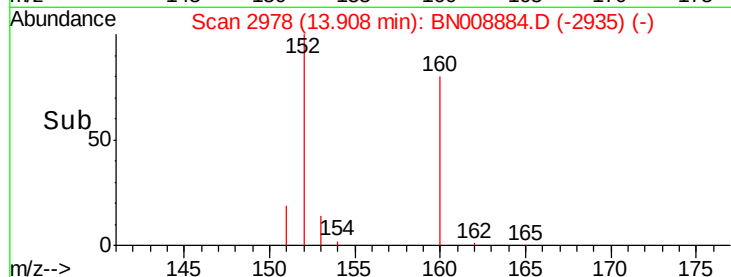
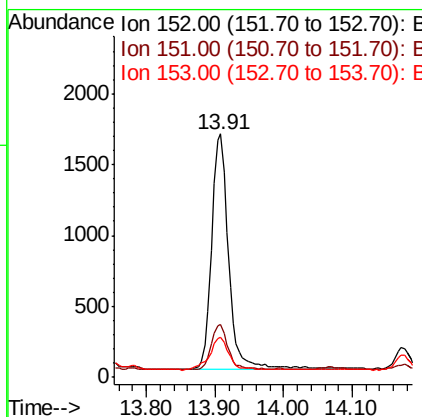
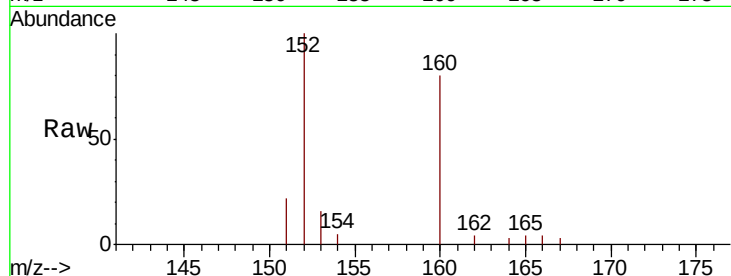
ClientSampleId :

C0BL2DL

Tot Ion:	152	Resp:	2898
Ion Ratio	Lower	Upper	
152	100		
151	21.9	15.8	23.6
153	16.5	10.6	15.8#

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#8

Acenaphthene

Concen: 0.075 ng/ul

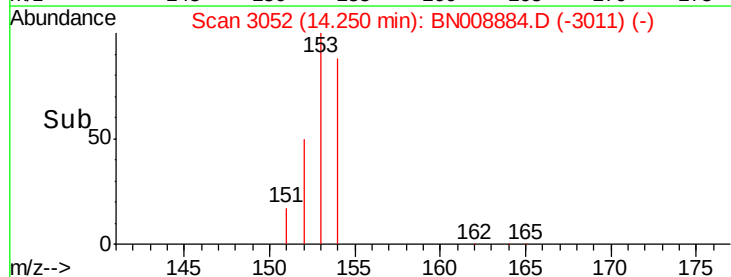
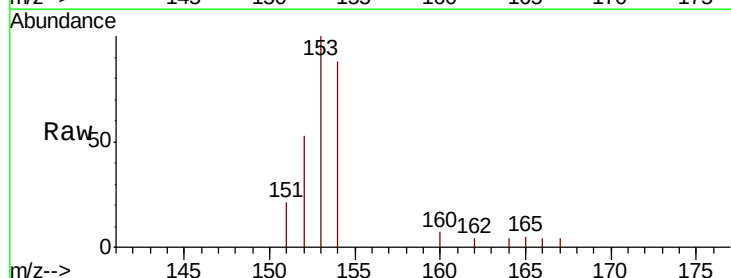
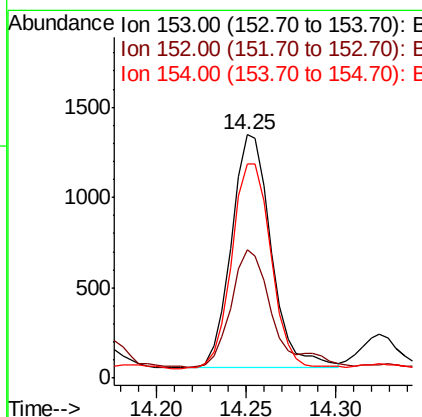
RT: 14.25 min Scan# 3052

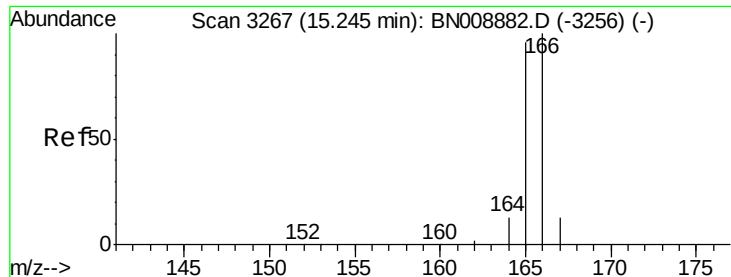
Delta R.T. -0.01 min

Lab File: BN008884.D

Acq: 07 Dec 2019 11:28

Tgt Ion:	153	Resp:	1994
Ion Ratio	Lower	Upper	
153	100		
152	53.0	38.6	58.0
154	88.0	70.6	105.8





#9

Fluorene

Concen: 0.263 ng/ul

RT: 15.24 min Scan# 3267

Delta R.T. -0.00 min

Lab File: BN008884.D

Acq: 07 Dec 2019 11:28

Instrument :

BNA_N

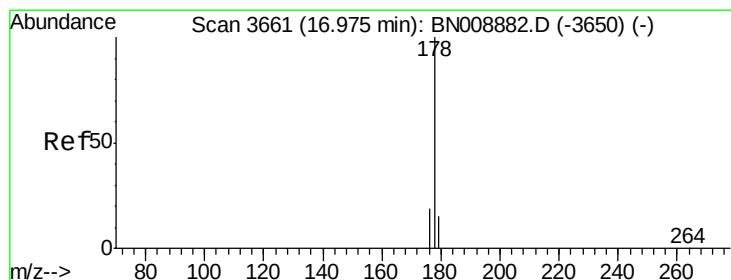
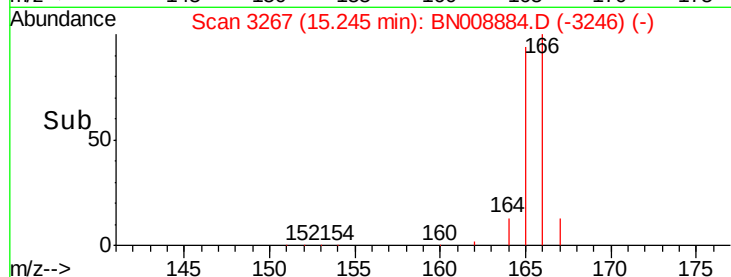
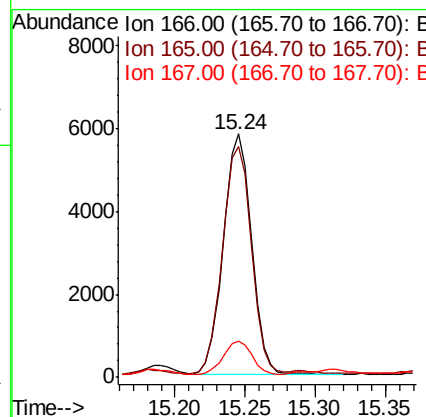
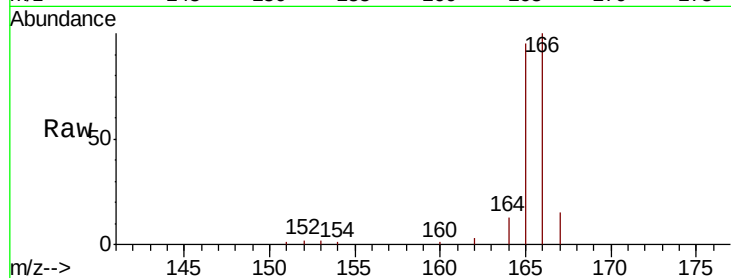
ClientSampleId :

C0BL2DL

Tot Ion:	166	Resp:	8187
Ion Ratio	Lower	Upper	
166	100		
165	94.7	77.7	116.5
167	14.6	11.1	16.7

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#12

Phenanthrene

Concen: 1.442 ng/ul

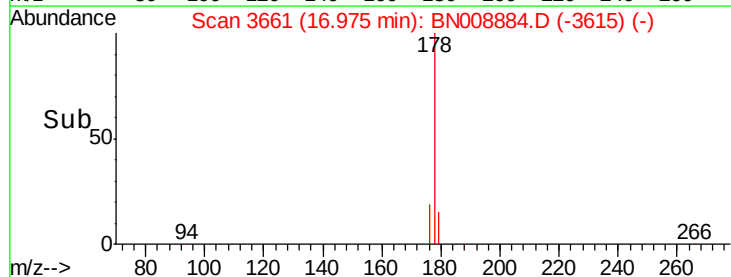
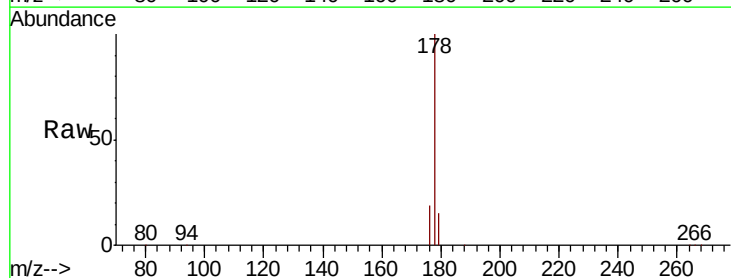
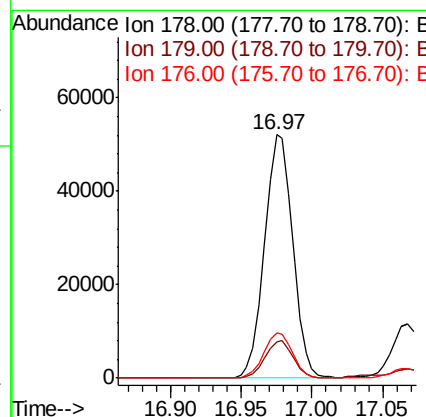
RT: 16.97 min Scan# 3661

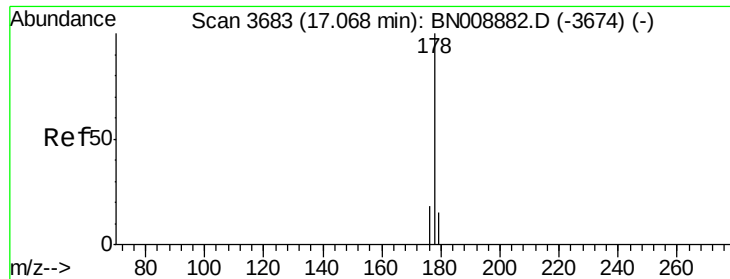
Delta R.T. -0.00 min

Lab File: BN008884.D

Acq: 07 Dec 2019 11:28

Tgt Ion:	178	Resp:	71923
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.6	18.8
176	18.8	15.3	22.9





#13

Anthracene

Concen: 0.337 ng/ul

RT: 17.07 min Scan# 3683

Delta R.T. -0.00 min

Lab File: BN008884.D

Acq: 07 Dec 2019 11:28

Instrument :

BNA_N

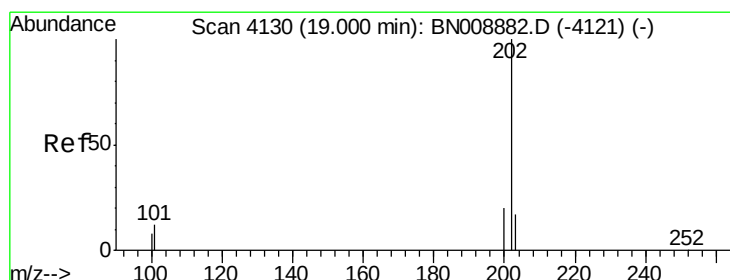
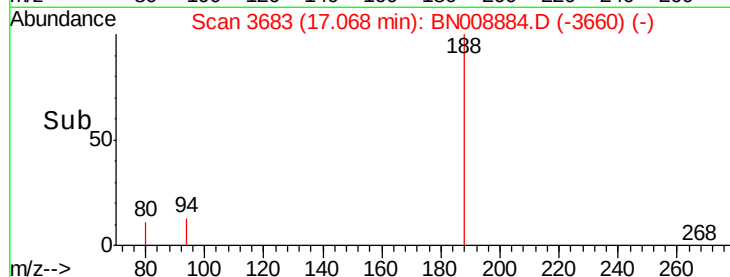
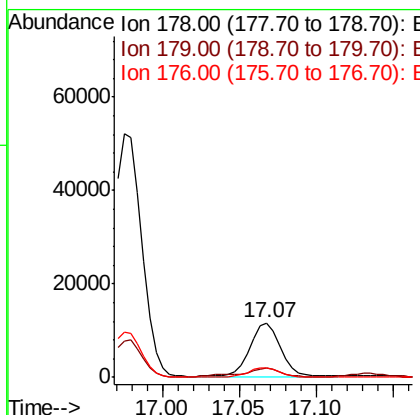
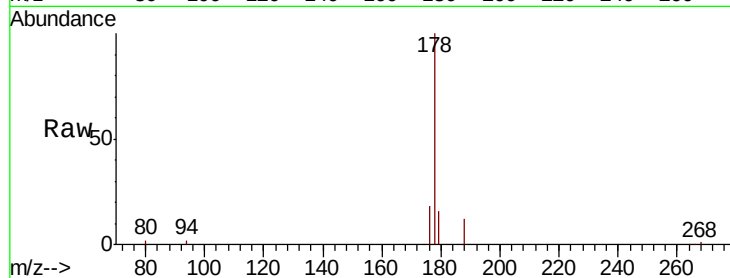
ClientSampleId :

C0BL2DL

Tot Ion:	178	Resp:	15902
Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.4
176	18.3	14.7	22.1

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#15

Fluoranthene

Concen: 1.451 ng/ul

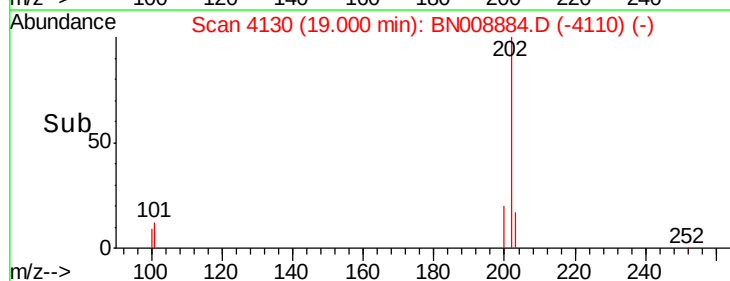
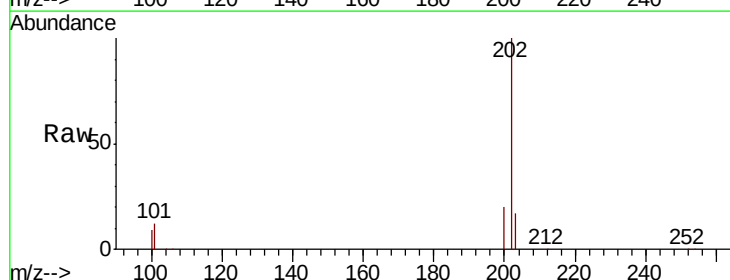
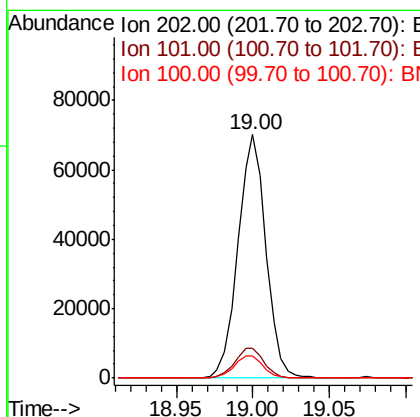
RT: 19.00 min Scan# 4130

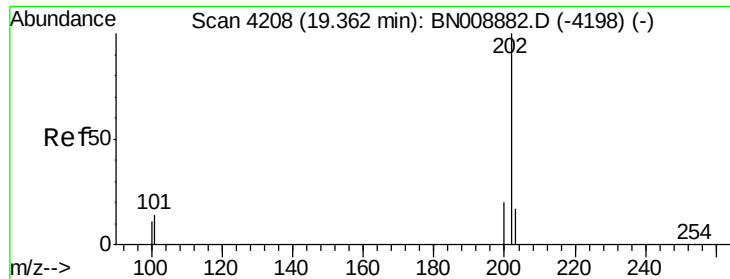
Delta R.T. -0.00 min

Lab File: BN008884.D

Acq: 07 Dec 2019 11:28

Tgt Ion:	202	Resp:	88953
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.4
100	9.3	0.0	29.2





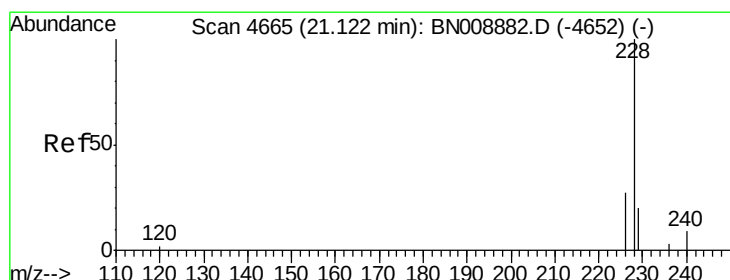
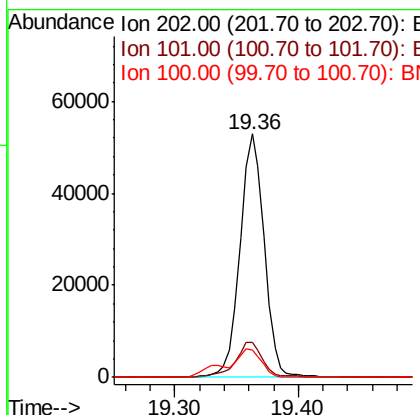
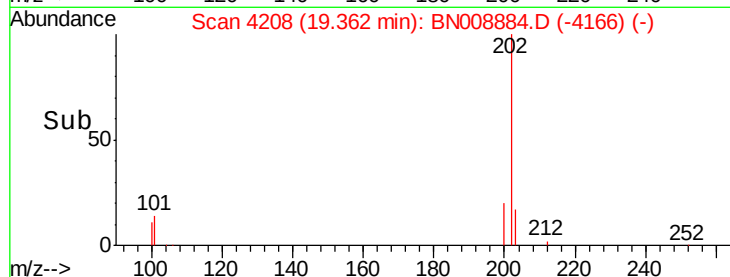
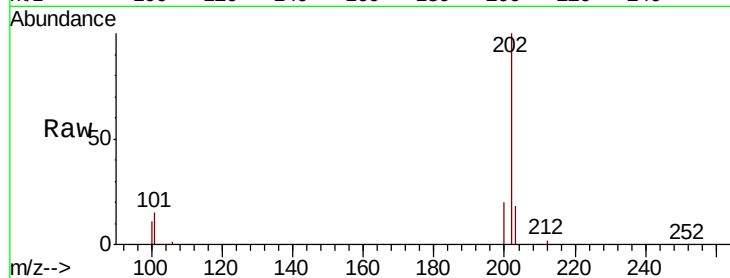
#17
Pvrene
Concen: 1.363 ng/ul
RT: 19.36 min Scan# 4208
Delta R.T. -0.00 min
Lab File: BN008884.D
Acq: 07 Dec 2019 11:28

Instrument :
BNA_N
ClientSampleId :
C0BL2DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	71496		
101	14.5		12.2	18.4
100	11.4		9.5	14.3

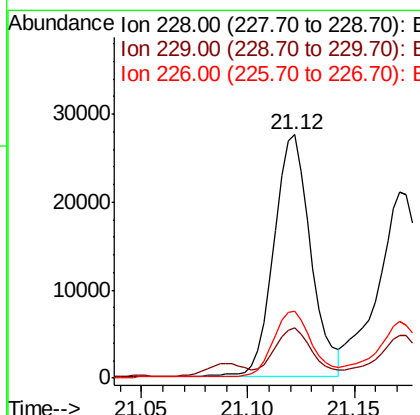
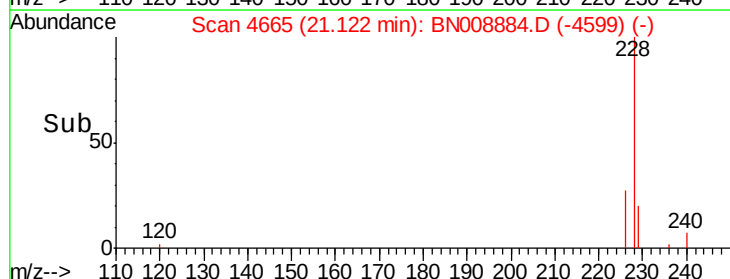
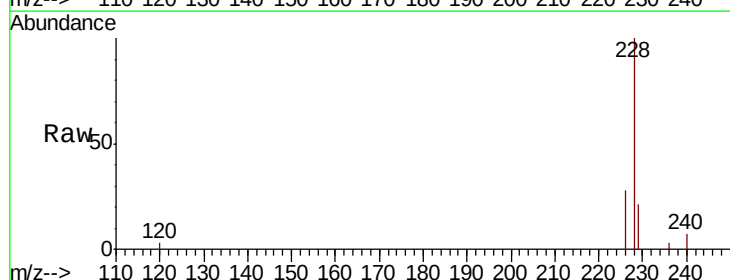
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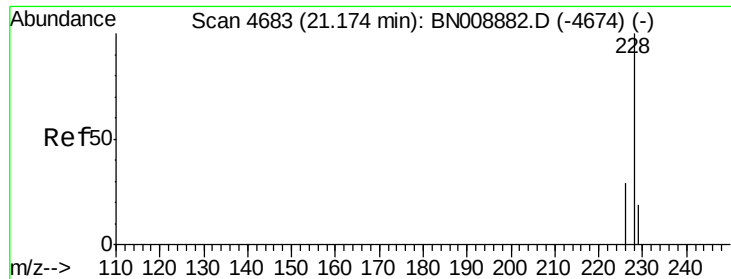
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#18
Benzo(a)anthracene
Concen: 0.626 ng/ul
RT: 21.12 min Scan# 4665
Delta R.T. -0.01 min
Lab File: BN008884.D
Acq: 07 Dec 2019 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	32919		
229	20.6		15.7	23.5
226	27.7		21.5	32.3





#19

Chrysene

Concen: 0.578 ng/ul

RT: 21.17 min Scan# 4682

Delta R.T. -0.01 min

Lab File: BN008884.D

Acq: 07 Dec 2019 11:28

Instrument :

BNA_N

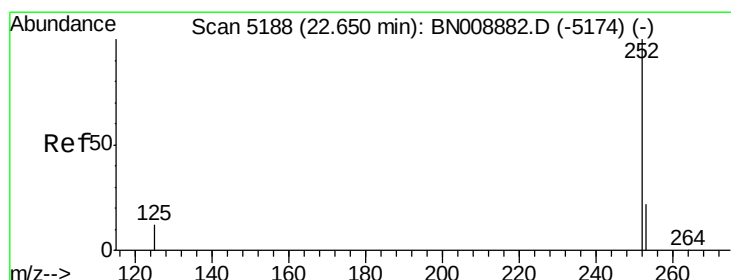
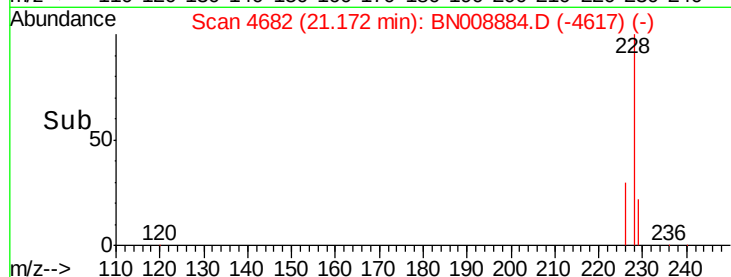
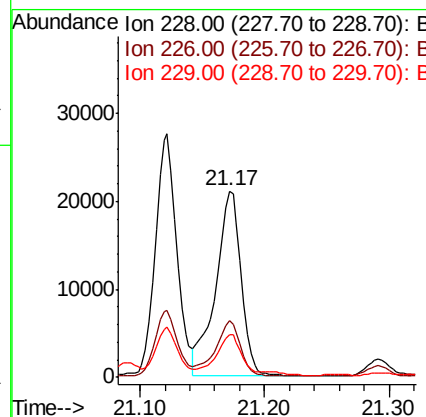
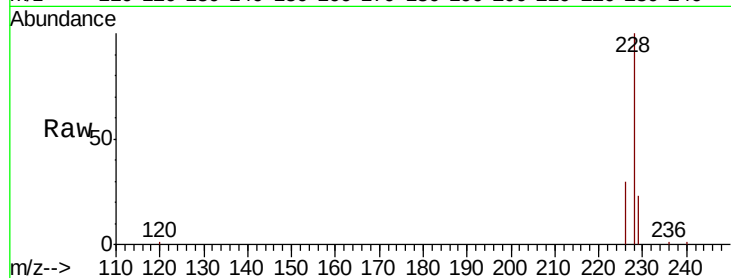
ClientSampleId :

C0BL2DL

Tot Ion:	228	Resp:	29848
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.8	35.6
229	22.7	15.6	23.4

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#21

Benzo(b)fluoranthene

Concen: 0.627 ng/ul m

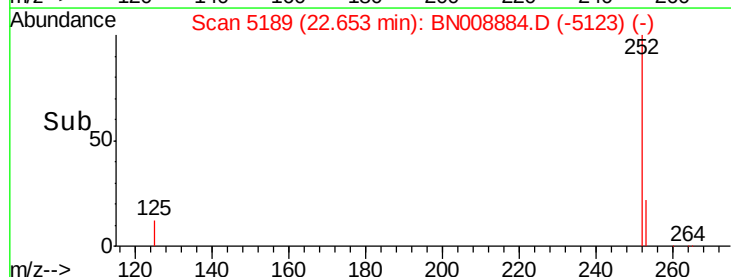
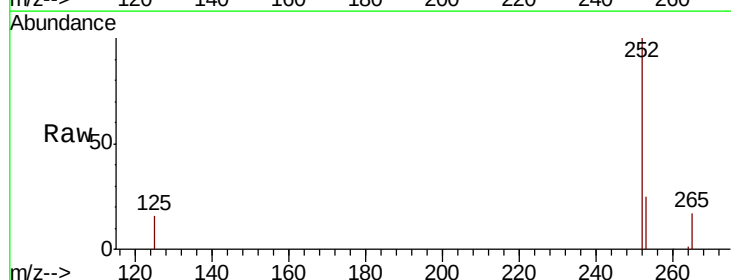
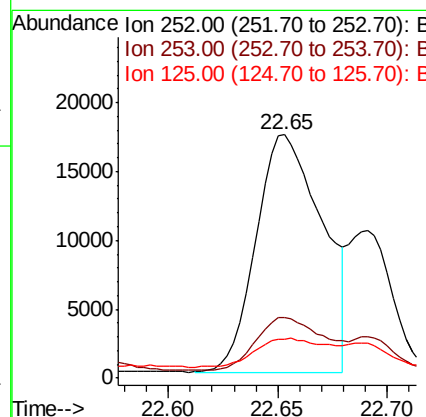
RT: 22.65 min Scan# 5189

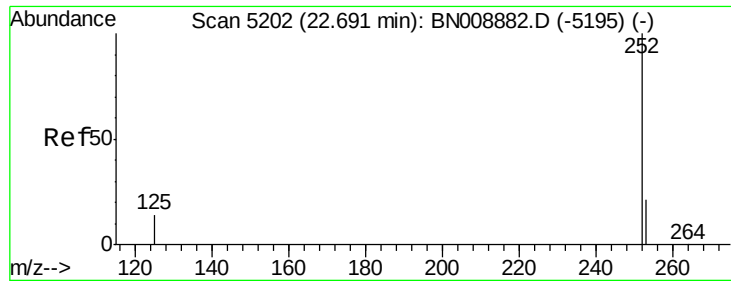
Delta R.T. -0.01 min

Lab File: BN008884.D

Acq: 07 Dec 2019 11:28

Tgt Ion:	252	Resp:	36612
Ion Ratio	Lower	Upper	
252	100		
253	25.0	0.0	48.6
125	16.1	0.0	31.6





#22

Benzo(k)fluoranthene

Concen: 0.241 ng/ul m

RT: 22.69 min Scan# 5202

Delta R.T. -0.01 min

Lab File: BN008884.D

Acq: 07 Dec 2019 11:28

Instrument :

BNA_N

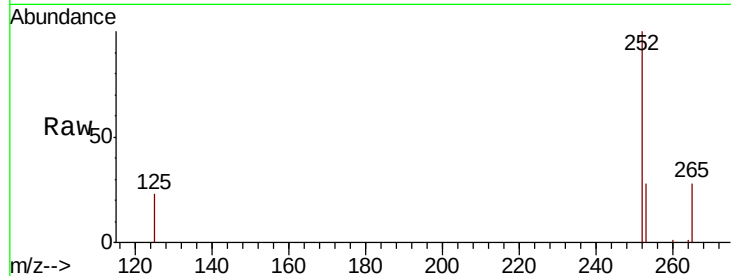
ClientSampleId :

C0BL2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.9	19.6	29.4
125	23.4	13.8	20.6

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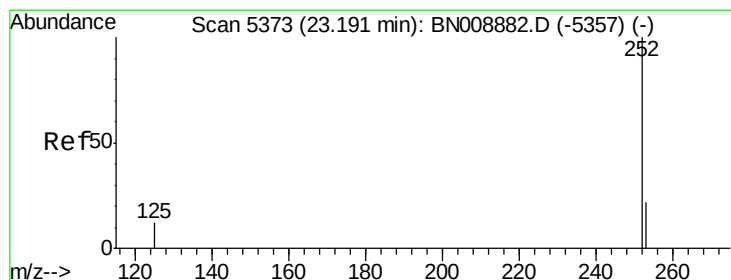
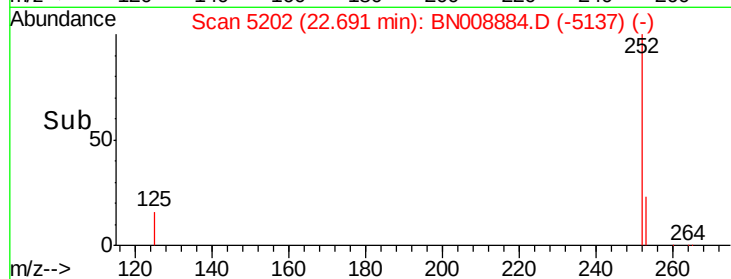
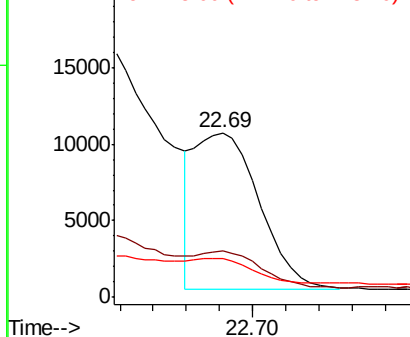


Abundance

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: 0.507 ng/ul

RT: 23.19 min Scan# 5373

Delta R.T. -0.01 min

Lab File: BN008884.D

Acq: 07 Dec 2019 11:28

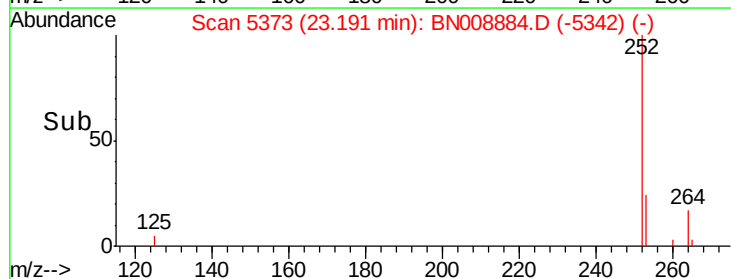
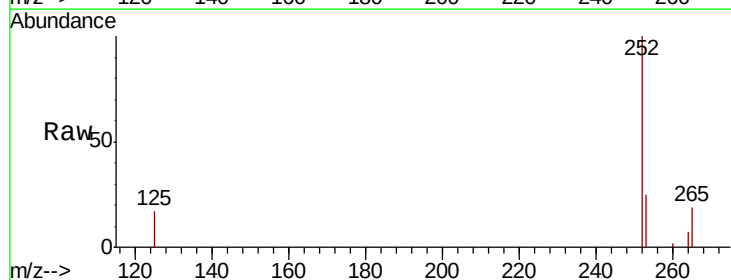
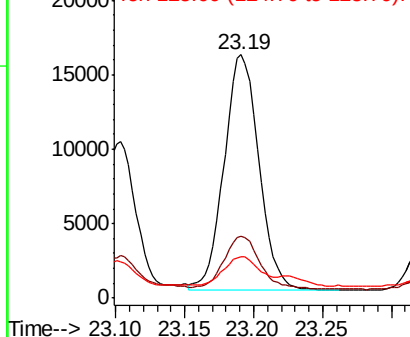
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.9	29.9
125	17.1	14.6	22.0

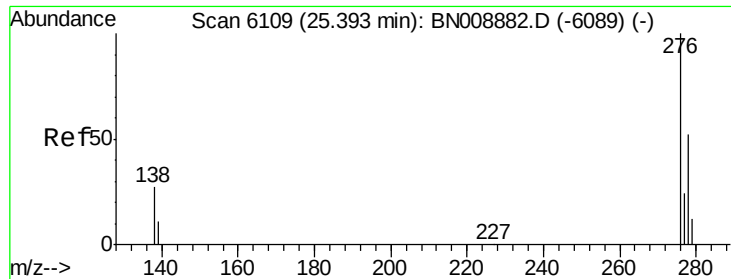
Abundance

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





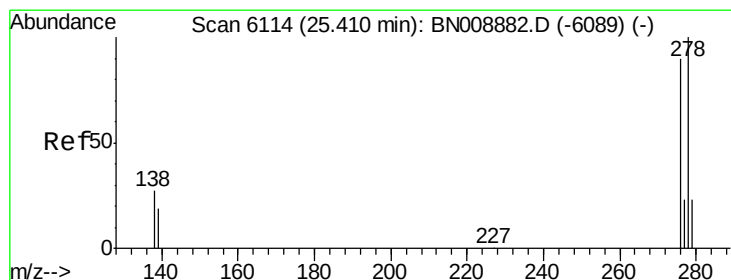
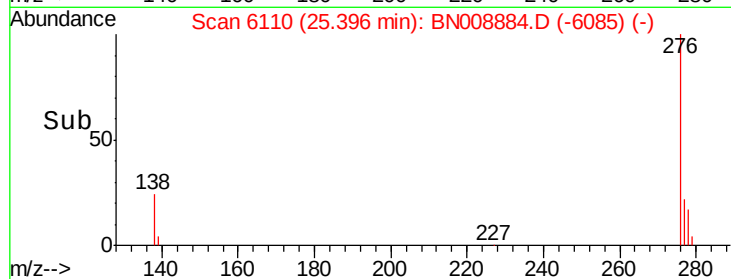
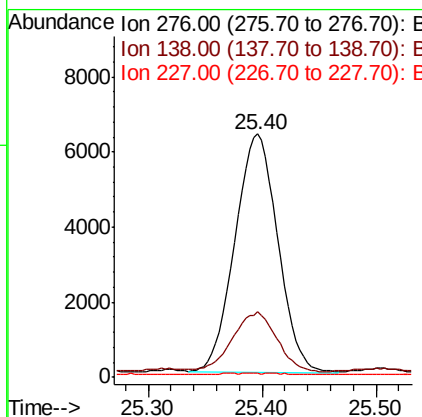
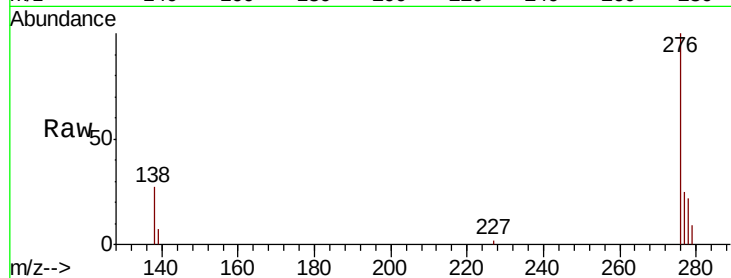
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.258 ng/ul
 RT: 25.40 min Scan# 6110
 Delta R.T. -0.02 min
 Lab File: BN008884.D
 Acq: 07 Dec 2019 11:28

Instrument :
 BNA_N
 ClientSampleId :
 C0BL2DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.3	23.8	35.6
227	0.1	0.2	0.2#

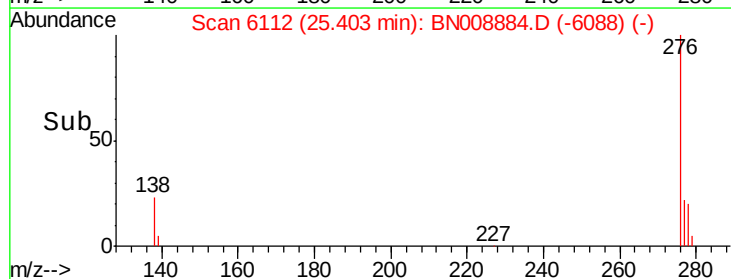
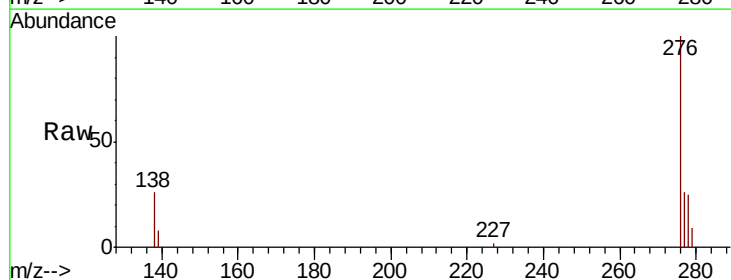
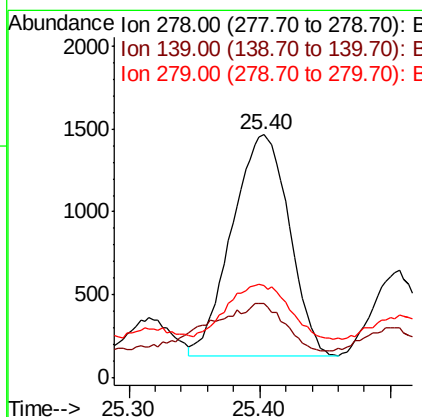
Manual Integrations
 APPROVED

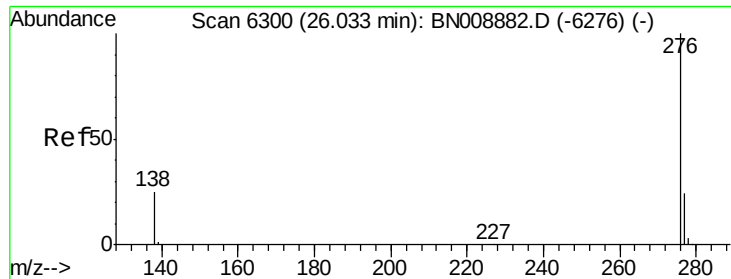
mohammad
 12/9/2019 3:11:39 PM



#25
 Dibenzo(a,h)anthracene
 Concen: 0.078 ng/ul
 RT: 25.40 min Scan# 6112
 Delta R.T. -0.02 min
 Lab File: BN008884.D
 Acq: 07 Dec 2019 11:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.8	17.4	26.0#
279	38.0	20.5	30.7#





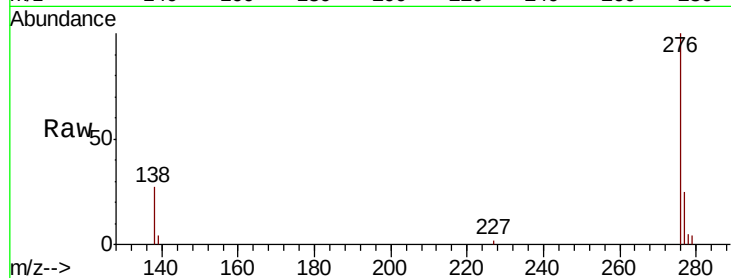
#26
 Benzo(a,h,i)perylene
 Concen: 0.282 ng/ul
 RT: 26.03 min Scan# 6300
 Delta R.T. -0.02 min
 Lab File: BN008884.D
 Acq: 07 Dec 2019 11:28

Instrument :
 BNA_N
 ClientSampleId :
 C0BL2DL

Tot Ion:	276	Resp:	15145
Ion Ratio	Lower	Upper	
276	100		
138	27.3	21.9	32.9
277	25.4	19.9	29.9

Manual Integrations
 APPROVED

mohammad
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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

