

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061319\
 Data File : BN006320.D
 Acq On : 13 Jun 2019 20:34
 Operator : JU/SJ
 Sample : K3213-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB8K5

Manual Integrations
 APPROVED

mohammad
 6/14/2019 8:49:35 AM

Quant Time: Jun 14 02:00:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4131	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	15397	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	8109	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	15055m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	11087m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	9885m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	6588	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	15480m	0.38	ng/ul	0.00
Target Compounds						
19) Chrysene	21.30	228	1536	0.033	ng/ul#	82
21) Benzo(b)fluoranthene	22.83	252	1579m	0.038	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	1443m	0.036	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.74	276	1661m	0.040	ng/ul	
25) Dibenzo(a,h)anthracene	25.75	278	1224m	0.037	ng/ul	
26) Benzo(g,h,i)perylene	26.42	276	1389m	0.040	ng/ul	

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

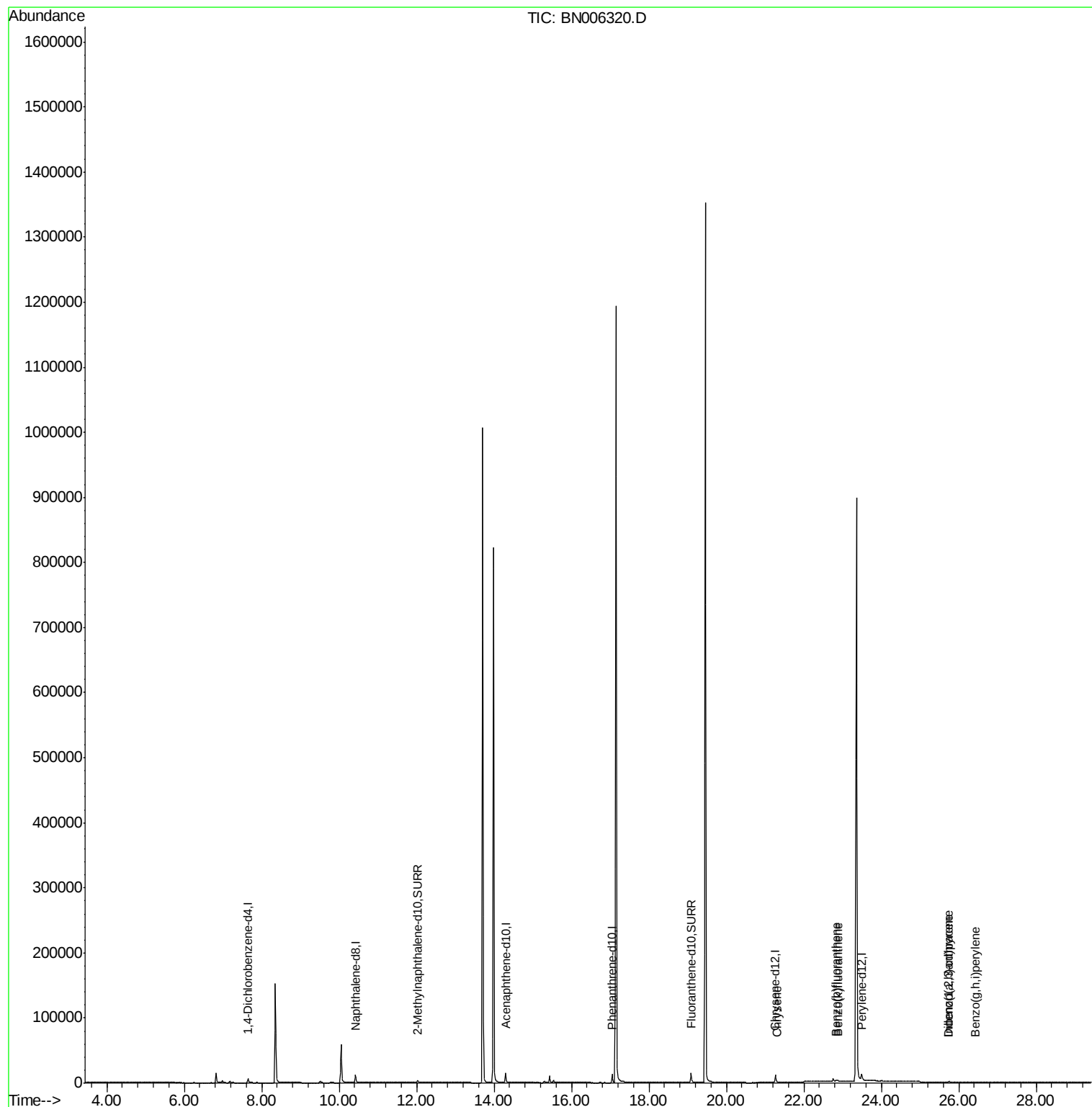
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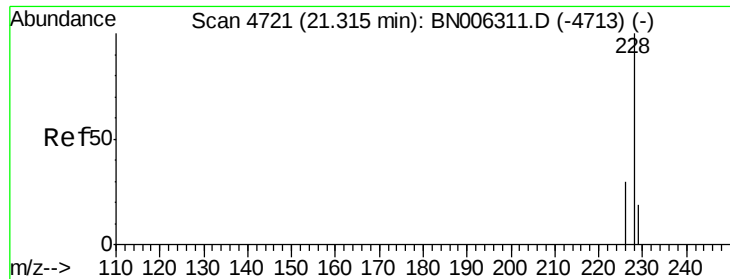
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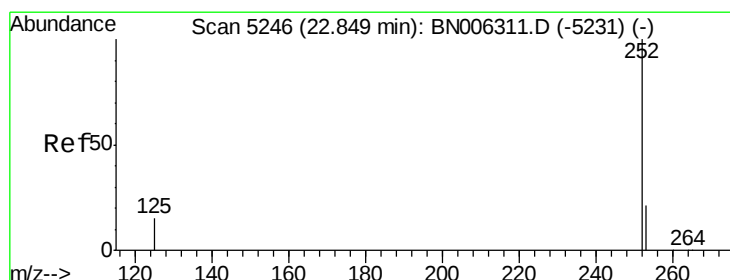
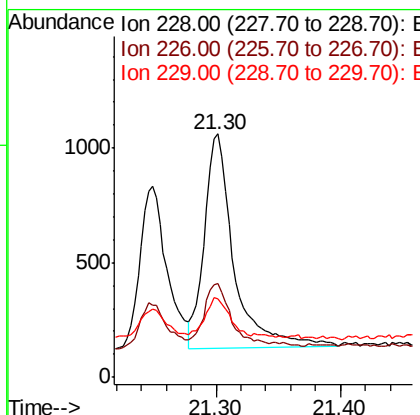
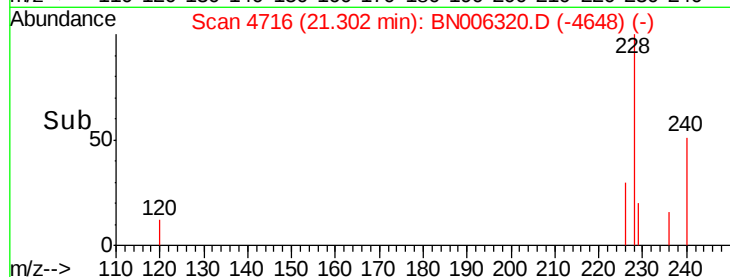
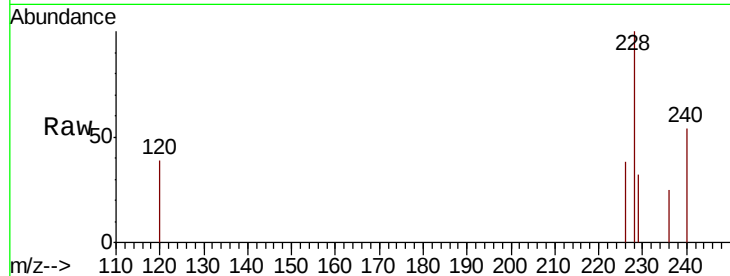
#19
Chrysene
Concen: 0.033 ng/ul
RT: 21.30 min Scan# 4716
Delta R.T. -0.00 min
Lab File: BN006320.D
Acq: 13 Jun 2019 20:34

Instrument :
BNA_N
ClientSampleId :
DB8K5

Tot Ion:228	Resp:	1536
Ion Ratio	Lower	Upper
228	100	
226	38.3	25.0 37.6#
229	32.3	16.3 24.5#

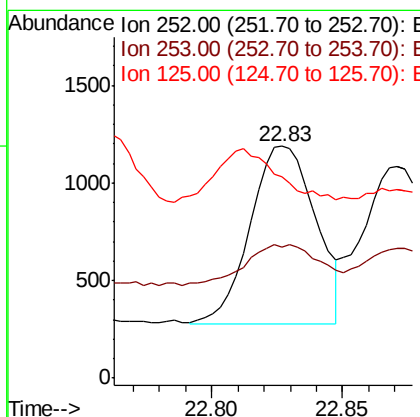
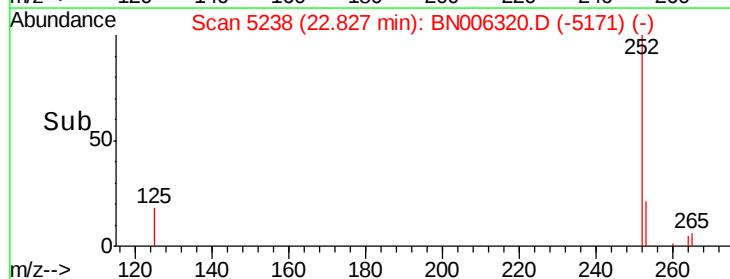
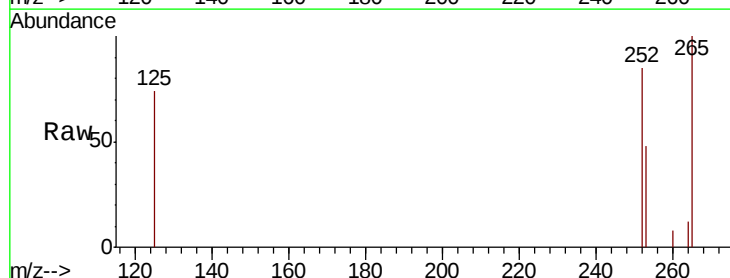
Manual Integrations
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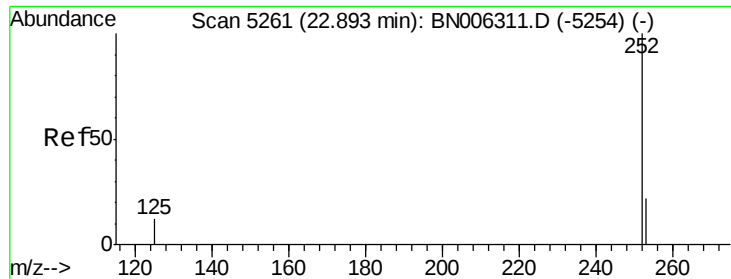
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#21
Benzo(b)fluoranthene
Concen: 0.038 ng/ul m
RT: 22.83 min Scan# 5238
Delta R.T. -0.00 min
Lab File: BN006320.D
Acq: 13 Jun 2019 20:34

Tgt Ion:252	Resp:	1579
Ion Ratio	Lower	Upper
252	100	
253	56.5	0.0 51.4#
125	86.9	0.0 41.0#





#22

Benzo(k)fluoranthene

Concen: 0.036 ng/ul m

RT: 22.87 min Scan# 5253

Delta R.T. -0.00 min

Lab File: BN006320.D

Acq: 13 Jun 2019 20:34

Instrument :

BNA_N

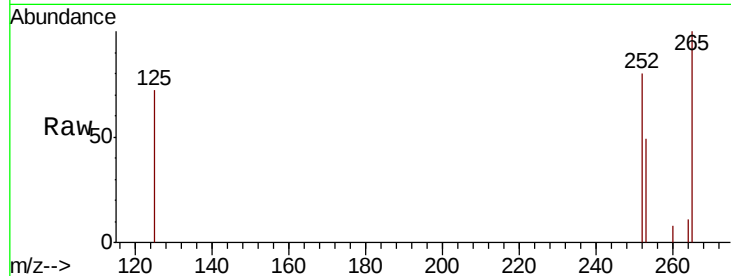
ClientSampleId :

DB8K5

Tot Ion:	252	Resp:	1443
Ion Ratio	Lower	Upper	
252	100		
253	61.2	20.3	30.5#
125	89.0	14.3	21.5#

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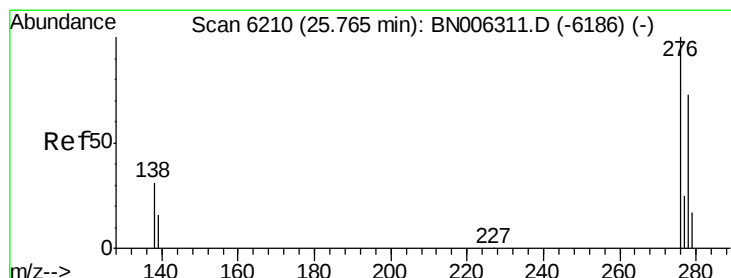
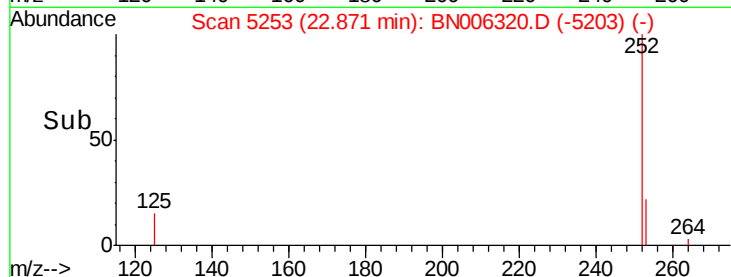
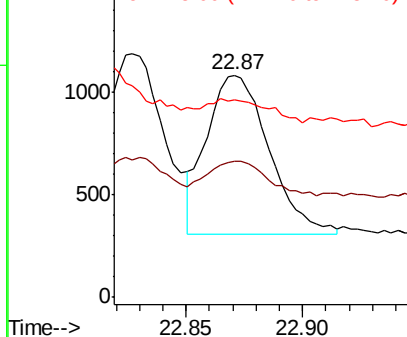


Abundance

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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.040 ng/ul m

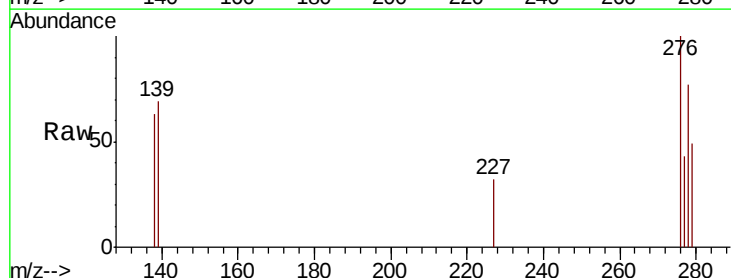
RT: 25.74 min Scan# 6202

Delta R.T. 0.00 min

Lab File: BN006320.D

Acq: 13 Jun 2019 20:34

Tgt Ion:	276	Resp:	1661
Ion Ratio	Lower	Upper	
276	100		
138	25.0	25.6	38.4#
227	0.3	0.3	0.5#

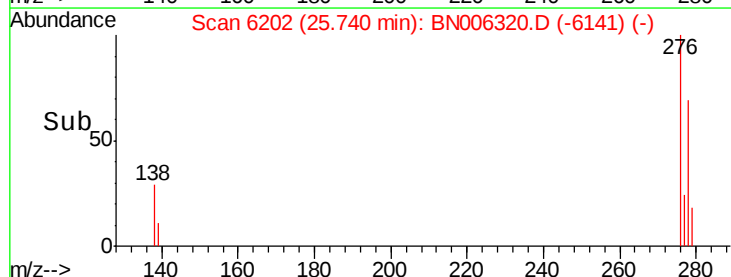
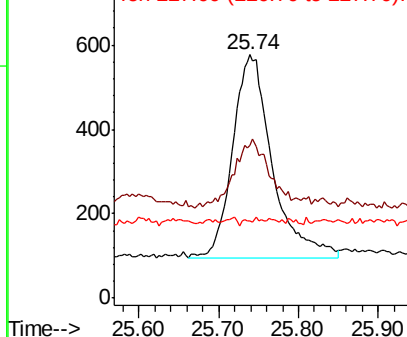


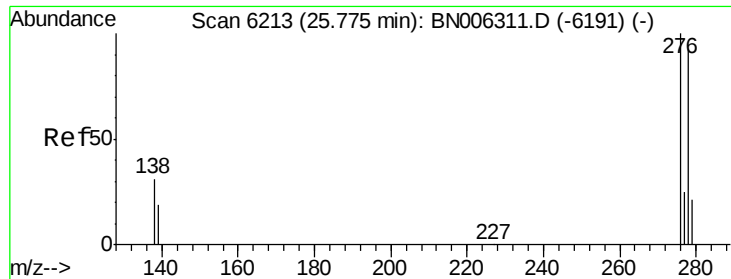
Abundance

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: 0.037 ng/ul m

RT: 25.75 min Scan# 6204

Delta R.T. -0.00 min

Lab File: BN006320.D

Acq: 13 Jun 2019 20:34

Instrument :

BNA_N

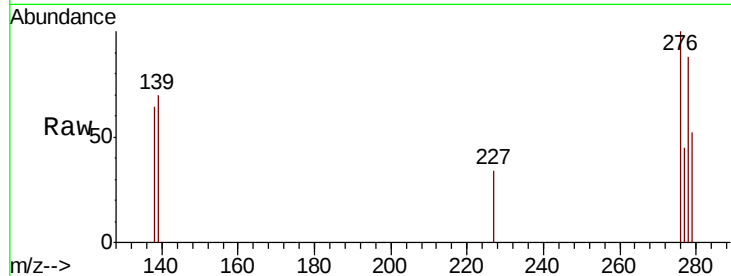
ClientSampled :

DB8K5

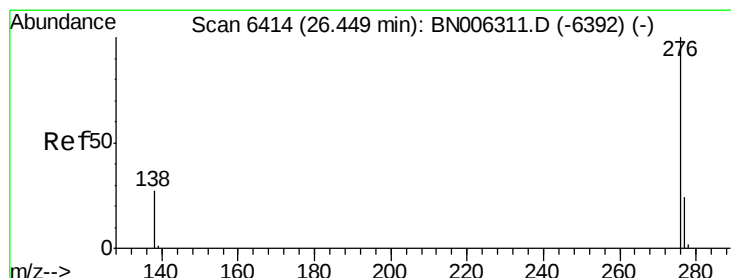
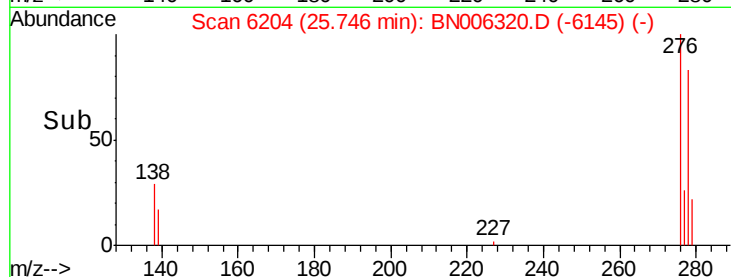
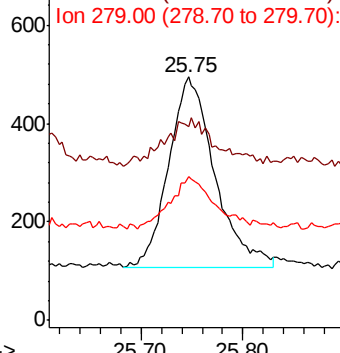
Tot Ion:	278	Resp:	1224
Ion Ratio	Lower	Upper	
278	100		
139	79.6	21.2	31.8#
279	59.0	22.6	33.8#

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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(g,h,i)perylene

Concen: 0.040 ng/ul m

RT: 26.42 min Scan# 6405

Delta R.T. -0.00 min

Lab File: BN006320.D

Acq: 13 Jun 2019 20:34

Tgt Ion:	276	Resp:	1389
Ion Ratio	Lower	Upper	
276	100		
138	58.2	24.2	36.4#
277	40.5	21.5	32.3#

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

