

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002475.D
 Acq On : 23 Aug 2018 20:39
 Operator : JU/SJ
 Sample : J4421-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA9

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:47 PM

Quant Time: Aug 24 01:58:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 00:52:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1539	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	6382	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	3749	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	9007m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	9559m	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	8758m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	2293	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	6294m	0.24	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.09	178	551m	0.021	ng/ul	
15) Fluoranthene	19.12	202	1030m	0.033	ng/ul	
17) Pyrene	19.48	202	1293	0.040	ng/ul#	83
18) Benzo(a)anthracene	21.25	228	814	0.028	ng/ul#	87
19) Chrysene	21.30	228	855	0.026	ng/ul#	89
21) Benzo(b)fluoranthene	22.82	252	1208	0.038	ng/ul#	51
24) Indeno(1,2,3-cd)pyrene	25.71	276	797	0.026	ng/ul#	81
26) Benzo(g,h,i)perylene	26.39	276	758	0.029	ng/ul#	75

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

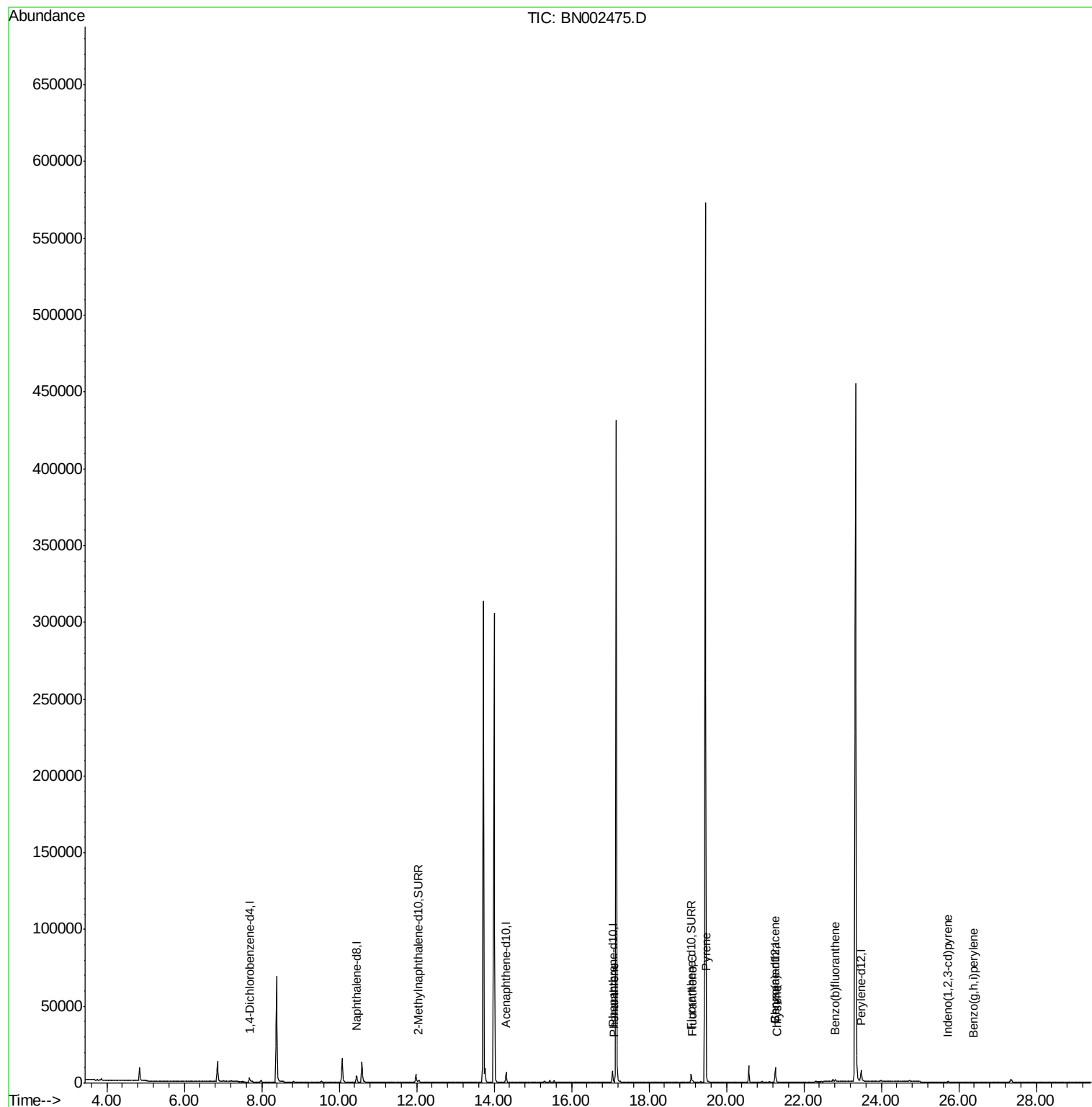
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
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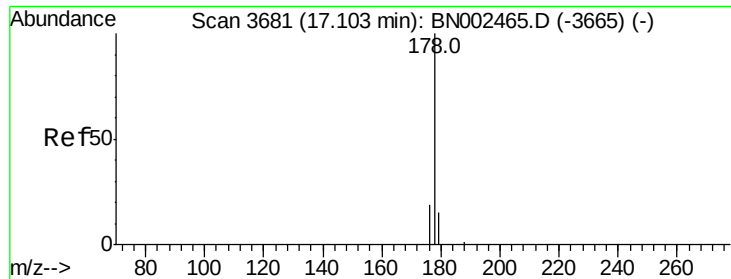
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#12

Phenanthrene

Concen: 0.021 ng/ul m

RT: 17.09 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BN002475.D

Acq: 23 Aug 2018 20:39

Instrument :

BNA_N

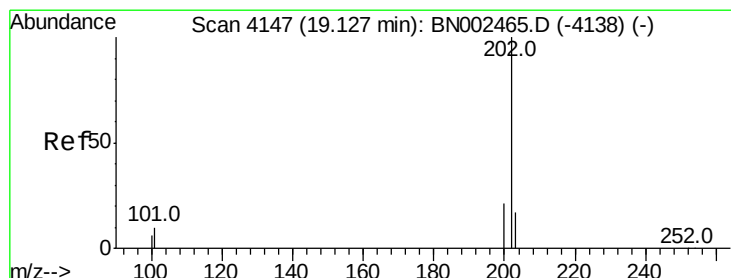
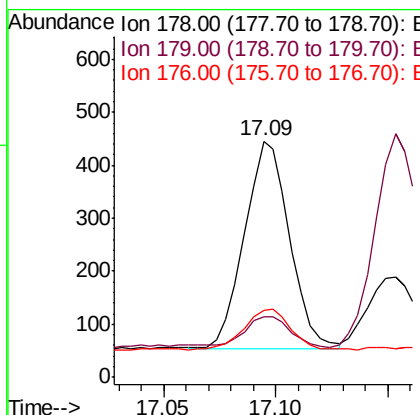
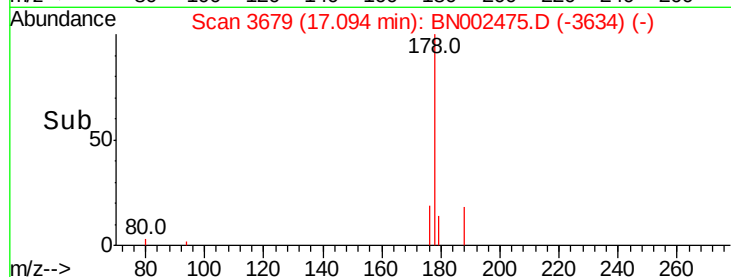
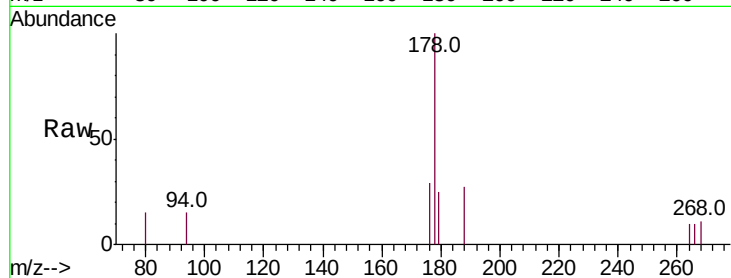
ClientSampleId :

C0AA9

Tot Ion:178	Resp:	551
Ion Ratio	Lower	Upper
178	100	
179	25.4	18.4 27.6
176	28.5	13.6 20.4#

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#15

Fluoranthene

Concen: 0.033 ng/ul m

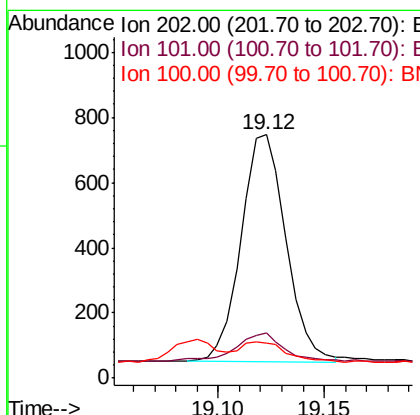
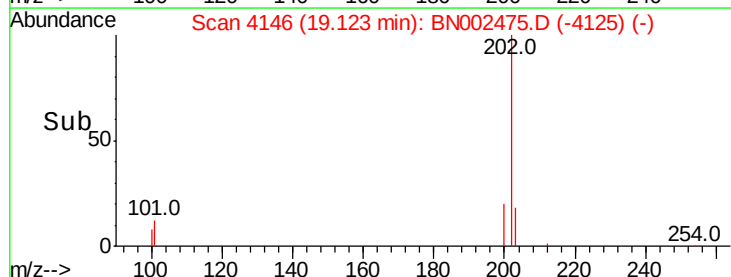
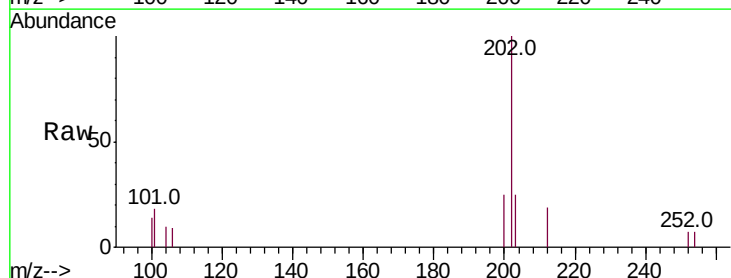
RT: 19.12 min Scan# 4146

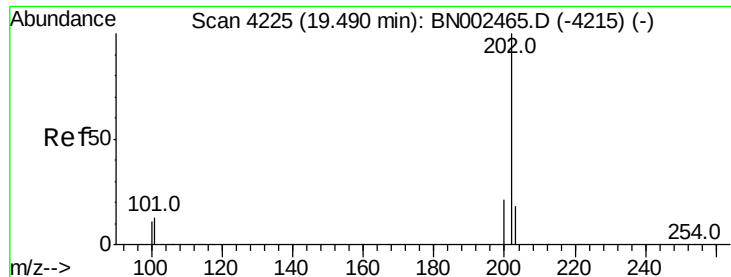
Delta R.T. -0.00 min

Lab File: BN002475.D

Acq: 23 Aug 2018 20:39

Tgt Ion:202	Resp:	1030
Ion Ratio	Lower	Upper
202	100	
101	18.5	0.0 30.0
100	14.5	0.0 30.0





#17

Pvrene

Concen: 0.040 ng/ul

RT: 19.48 min Scan# 4223

Delta R.T. -0.01 min

Lab File: BN002475.D

Acq: 23 Aug 2018 20:39

Instrument :

BNA_N

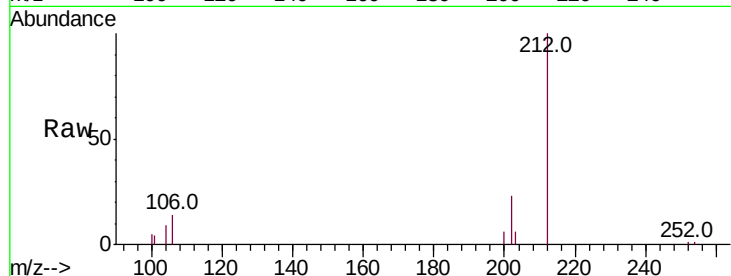
ClientSampled :

C0AA9

Tot Ion:	202	Resp:	1293
Ion Ratio	Lower	Upper	
202	100		
101	18.5	12.0	18.0#
100	21.2	8.0	12.0#

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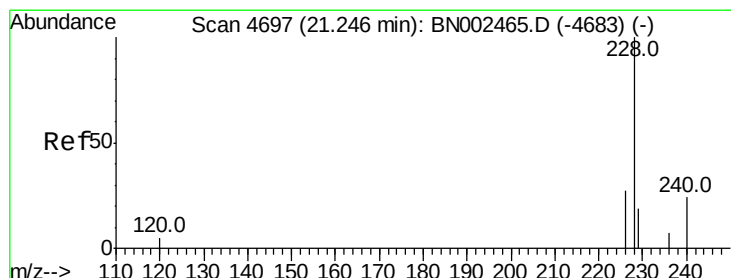
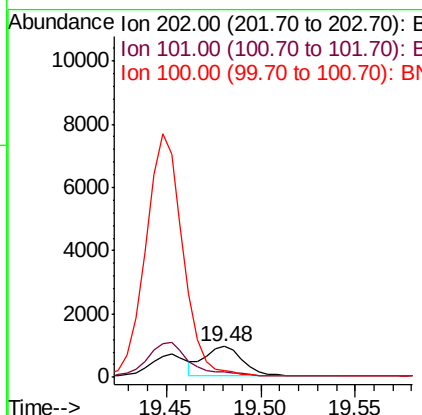
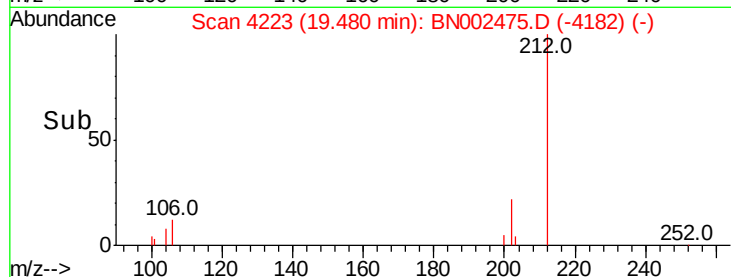
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 0.028 ng/ul

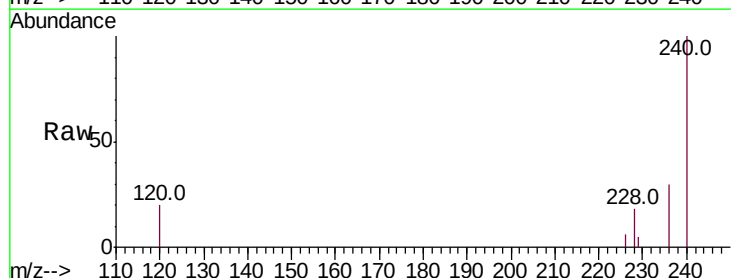
RT: 21.25 min Scan# 4697

Delta R.T. -0.00 min

Lab File: BN002475.D

Acq: 23 Aug 2018 20:39

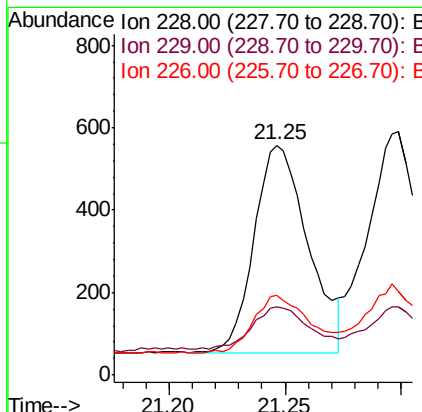
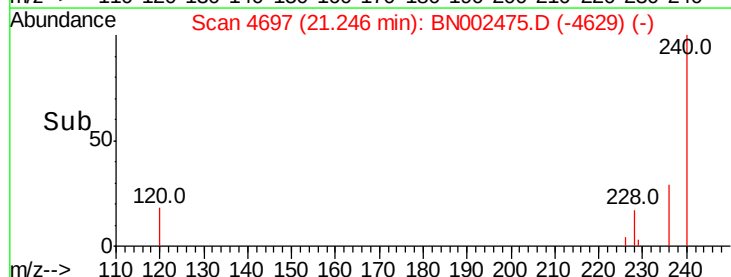
Tgt Ion:	228	Resp:	814
Ion Ratio	Lower	Upper	
228	100		
229	29.4	22.8	34.2
226	34.8	17.0	25.6#

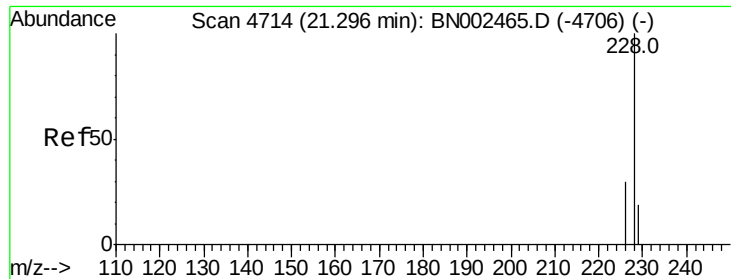


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.026 ng/ul

RT: 21.30 min Scan# 4715

Delta R.T. 0.00 min

Lab File: BN002475.D

Acq: 23 Aug 2018 20:39

Instrument :

BNA_N

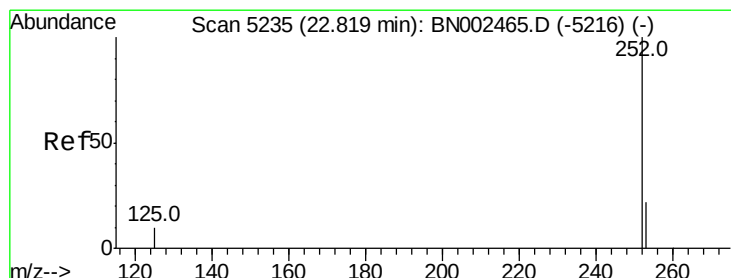
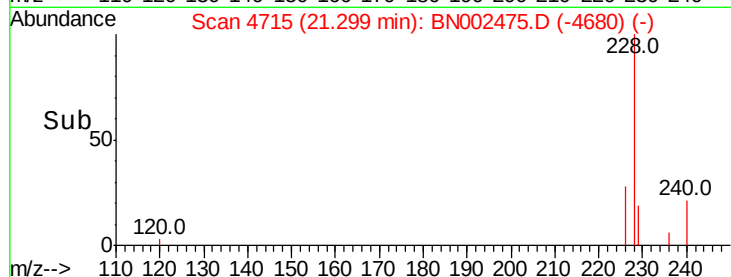
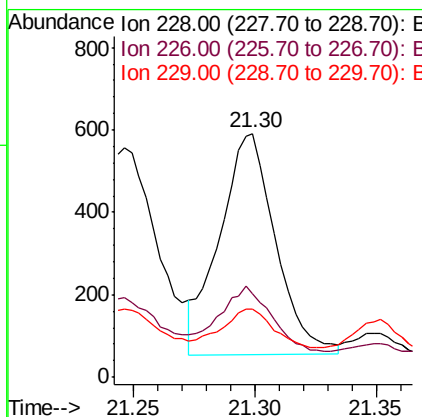
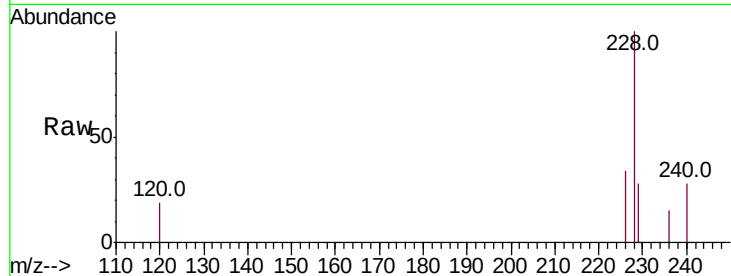
ClientSampleId :

C0AA9

Tot Ion:228	Resp:	855
Ion Ratio	Lower	Upper
228 100		
226 34.3	23.4	35.0
229 27.9	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.038 ng/ul

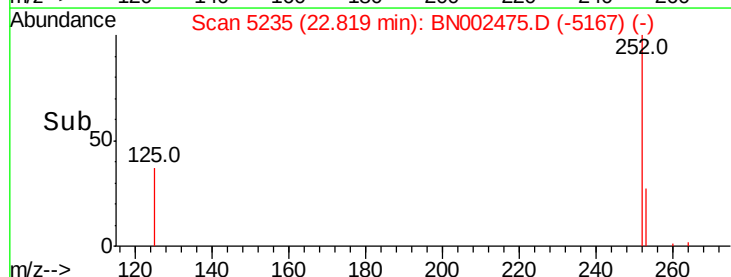
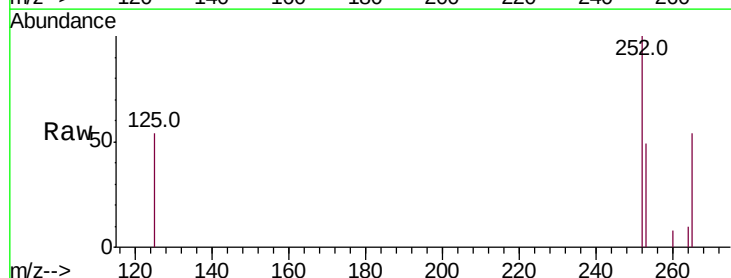
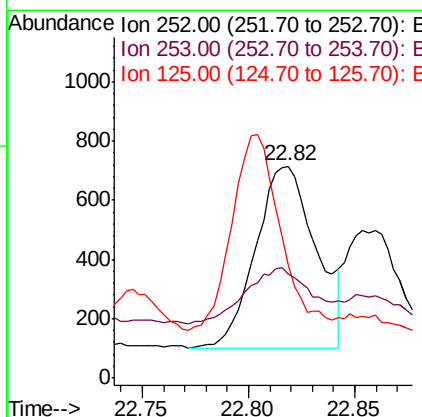
RT: 22.82 min Scan# 5235

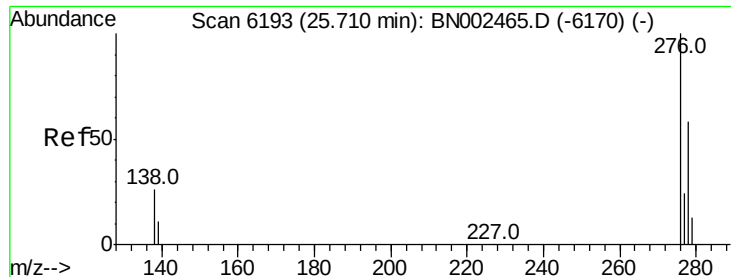
Delta R.T. -0.00 min

Lab File: BN002475.D

Acq: 23 Aug 2018 20:39

Tgt Ion:252	Resp:	1208
Ion Ratio	Lower	Upper
252 100		
253 49.0	0.0	64.2
125 53.6	0.0	35.0#





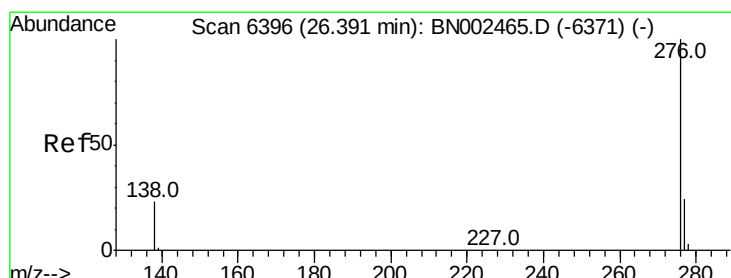
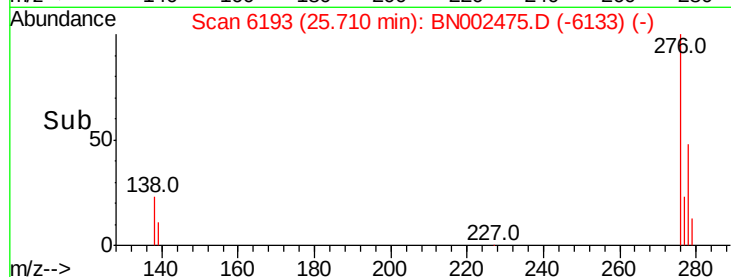
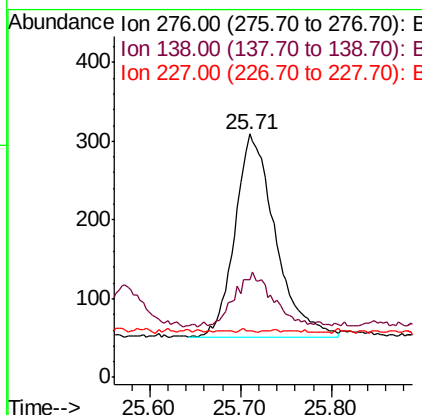
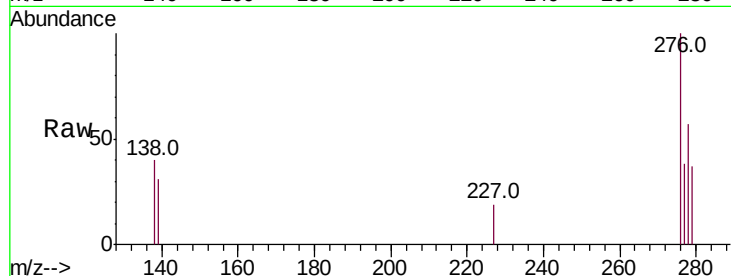
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.026 ng/ul
 RT: 25.71 min Scan# 6193
 Delta R.T. -0.00 min
 Lab File: BN002475.D
 Acq: 23 Aug 2018 20:39

Instrument :
 BNA_N
 ClientSampleId :
 C0AA9

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.8	28.0	42.0#
227	0.4	0.8	1.2#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.029 ng/ul
 RT: 26.39 min Scan# 6397
 Delta R.T. 0.00 min
 Lab File: BN002475.D
 Acq: 23 Aug 2018 20:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	40.4	21.8	32.8#
277	38.5	20.5	30.7#

