

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006286.D
 Acq On : 12 Jun 2019 18:27
 Operator : JU/SJ
 Sample : K3083-01DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51F3DL

Manual Integrations
 APPROVED

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 6/14/2019 8:34:05 AM

Quant Time: Jun 13 02:14:05 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	5204	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	20290	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9601	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	16717	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	11912	0.40	ng/ul	-0.02
20) Perylene-d12	23.50	264	15600	0.40	ng/ul	-0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1442	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	2299	0.05	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.09	178	5454	0.102	ng/ul	95
15) Fluoranthene	19.12	202	17200	0.290	ng/ul	96
17) Pyrene	19.49	202	14216	0.227	ng/ul	97
18) Benzo(a)anthracene	21.25	228	4928	0.094	ng/ul#	90
19) Chrysene	21.31	228	8284	0.167	ng/ul#	92
21) Benzo(b)fluoranthene	22.84	252	11443m	0.176	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	4625m	0.073	ng/ul	
23) Benzo(a)pyrene	23.41	252	6444	0.106	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.74	276	5652	0.086	ng/ul#	87
26) Benzo(g,h,i)perylene	26.43	276	5121	0.093	ng/ul#	81

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

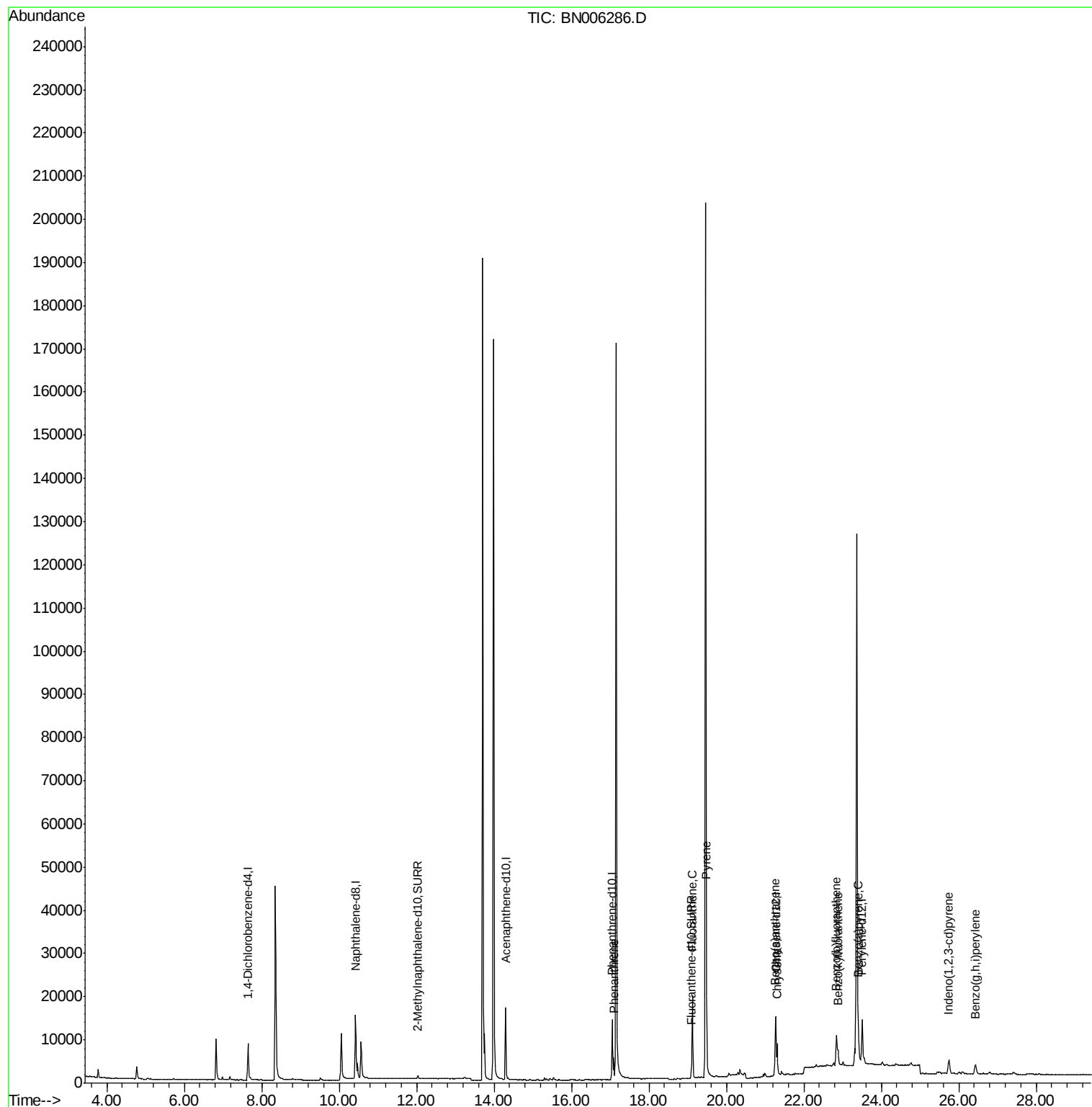
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006286.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

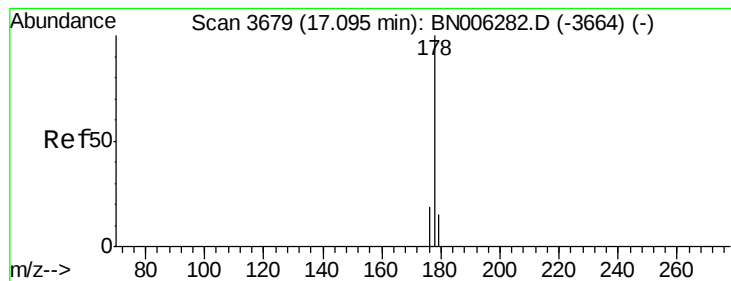
Instrument :
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QLast Update : Wed Jun 12 17:24:11 2019
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.102 ng/ul

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN006286.D

Acq: 12 Jun 2019 18:27

Instrument :

BNA_N

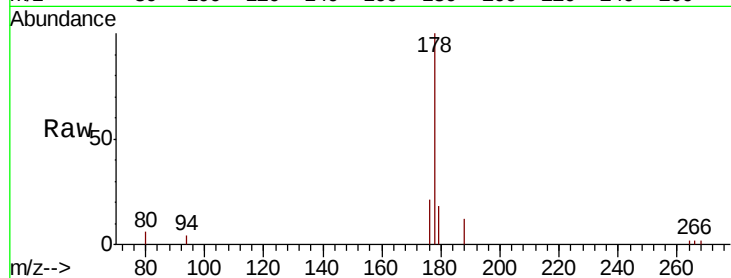
ClientSampleId :

A51F3DL

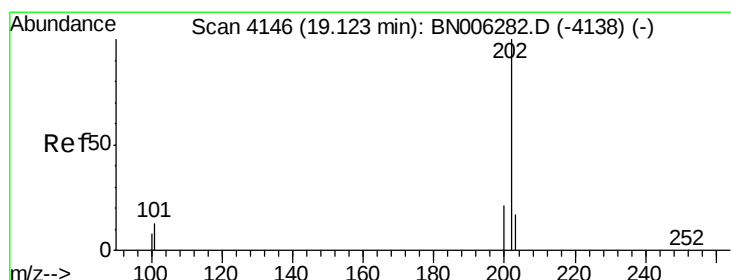
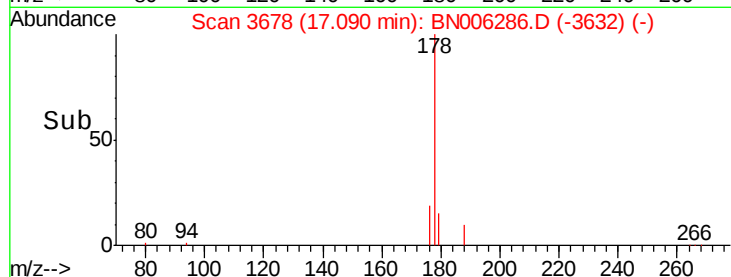
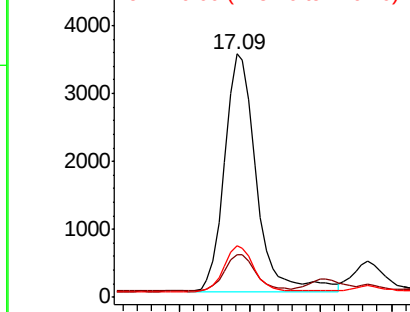
Tot Ion:178	Resp:	5454
Ion Ratio	Lower	Upper
178	100	
179	17.7	12.3 18.5
176	21.2	15.3 22.9

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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



#15

Fluoranthene

Concen: 0.290 ng/ul

RT: 19.12 min Scan# 4146

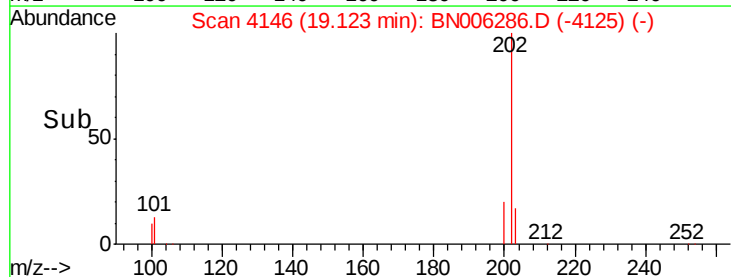
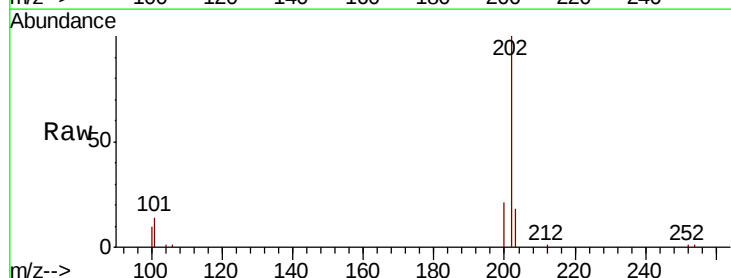
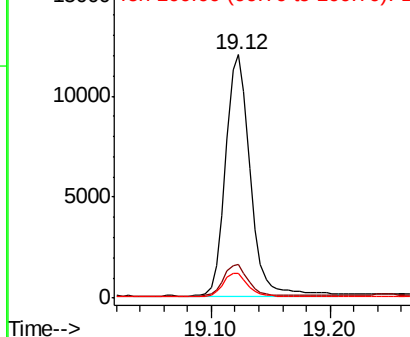
Delta R.T. -0.00 min

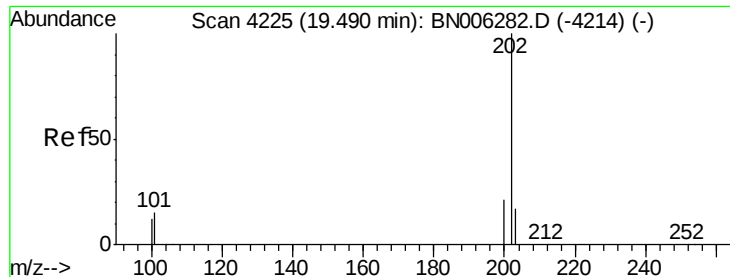
Lab File: BN006286.D

Acq: 12 Jun 2019 18:27

Tgt Ion:202	Resp:	17200
Ion Ratio	Lower	Upper
202	100	
101	13.6	0.0 32.1
100	10.1	0.0 28.7

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





#17

Pvrene

Concen: 0.227 ng/ul

RT: 19.49 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN006286.D

Acq: 12 Jun 2019 18:27

Instrument :

BNA_N

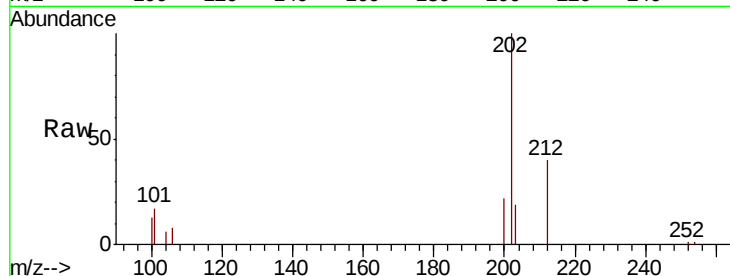
ClientSampleId :

A51F3DL

Tot Ion:	202	Resp:	14216
Ion Ratio	Lower	Upper	
202	100		
101	16.8	12.2	18.2
100	13.2	9.8	14.6

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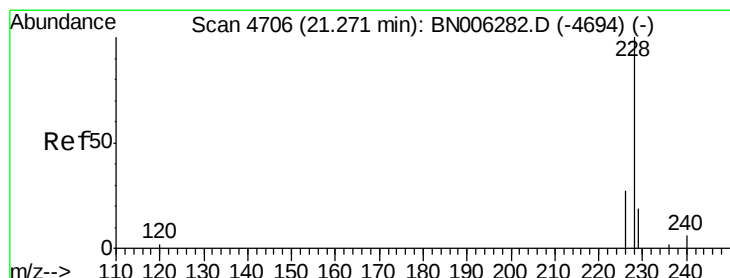
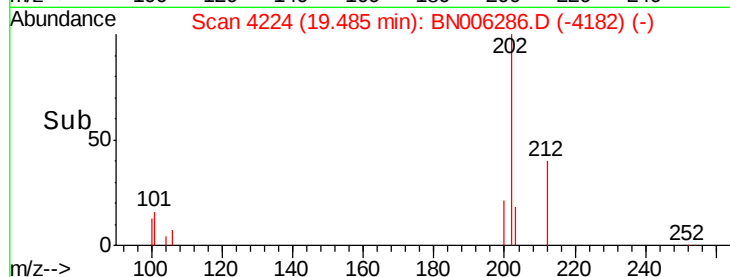
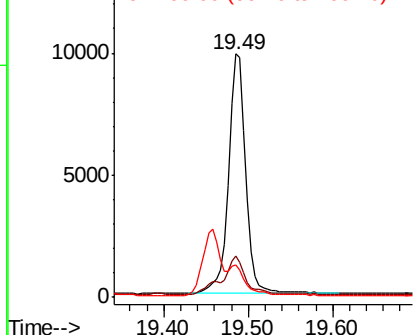
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 0.094 ng/ul

RT: 21.25 min Scan# 4700

Delta R.T. -0.02 min

Lab File: BN006286.D

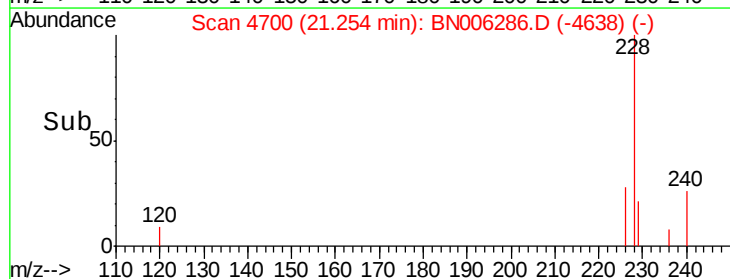
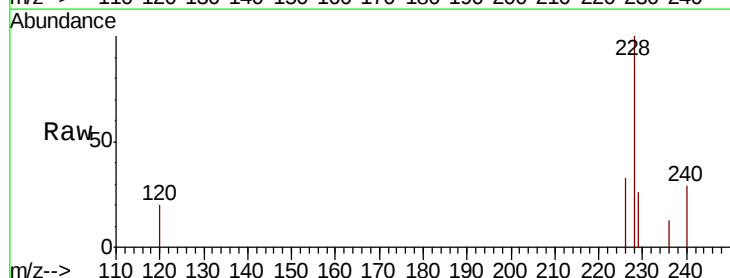
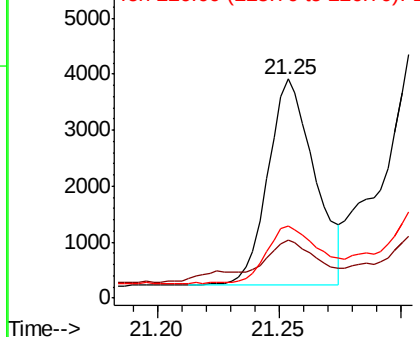
Acq: 12 Jun 2019 18:27

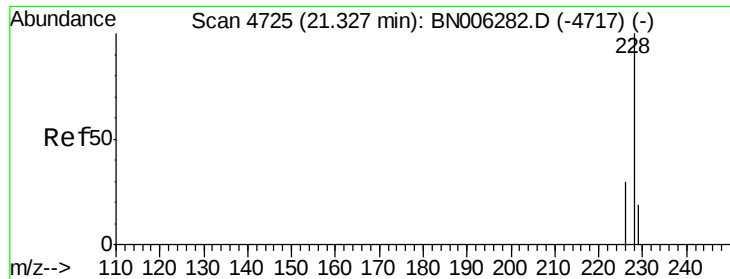
Tgt Ion:	228	Resp:	4928
Ion Ratio	Lower	Upper	
228	100		
229	26.5	16.5	24.7#
226	33.2	22.8	34.2

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: 0.167 ng/ul

RT: 21.31 min Scan# 4718

Delta R.T. -0.02 min

Lab File: BN006286.D

Acq: 12 Jun 2019 18:27

Instrument :

BNA_N

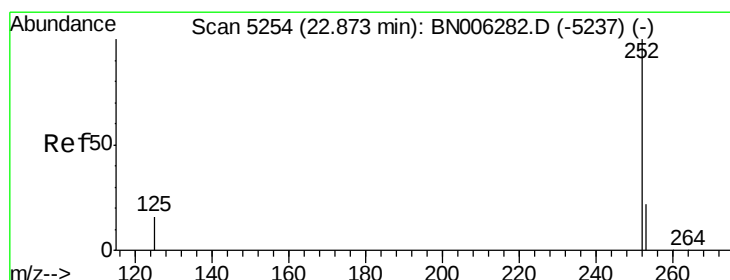
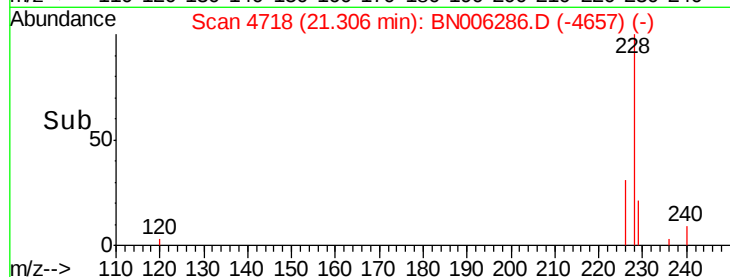
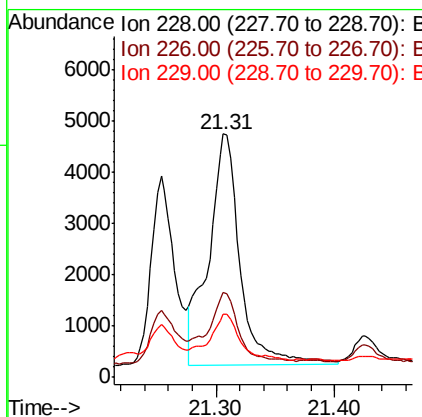
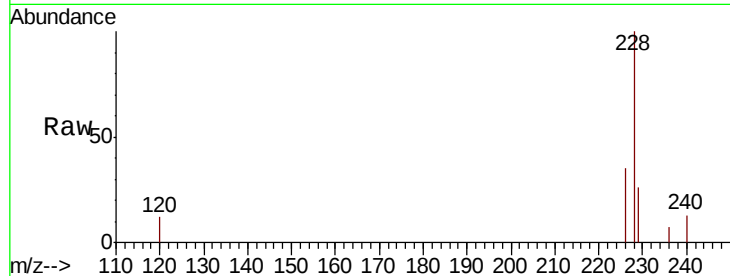
ClientSampleId :

A51F3DL

Tot Ion:228	Resp:	8284
Ion Ratio	Lower	Upper
228 100		
226 34.7	25.0	37.6
229 25.7	16.3	24.5#

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#21

Benzo(b)fluoranthene

Concen: 0.176 ng/ul m

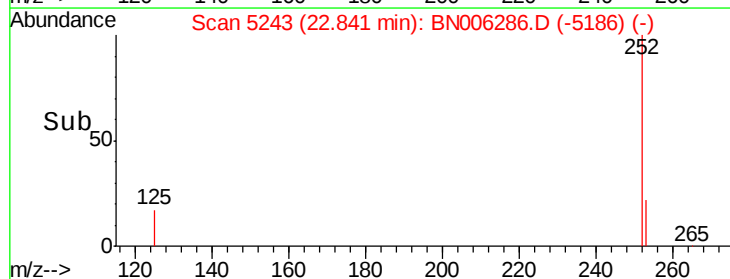
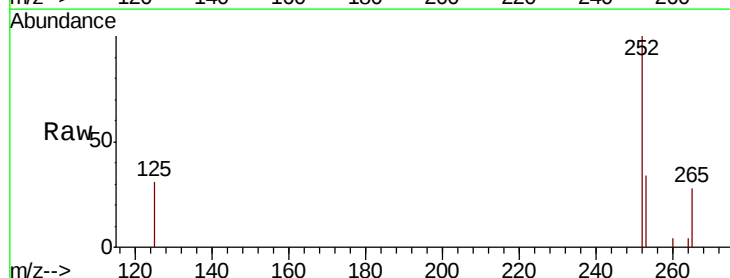
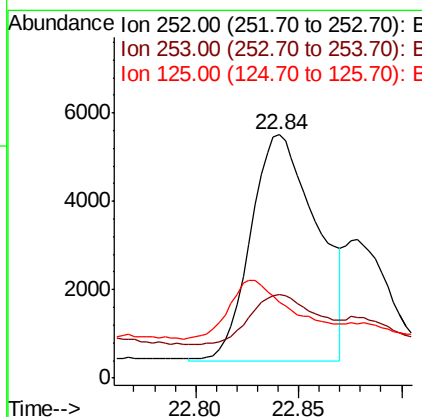
RT: 22.84 min Scan# 5243

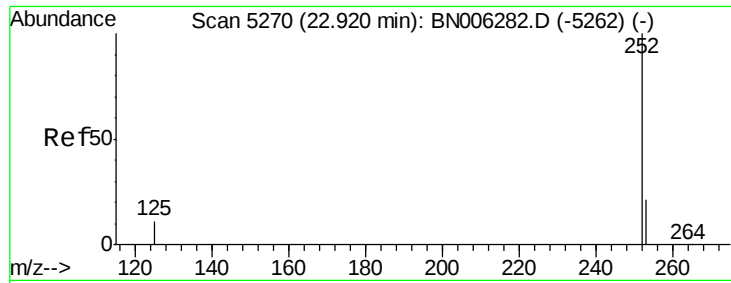
Delta R.T. -0.03 min

Lab File: BN006286.D

Acq: 12 Jun 2019 18:27

Tgt Ion:252	Resp:	11443
Ion Ratio	Lower	Upper
252 100		
253 34.1	0.0	51.4
125 31.3	0.0	41.0





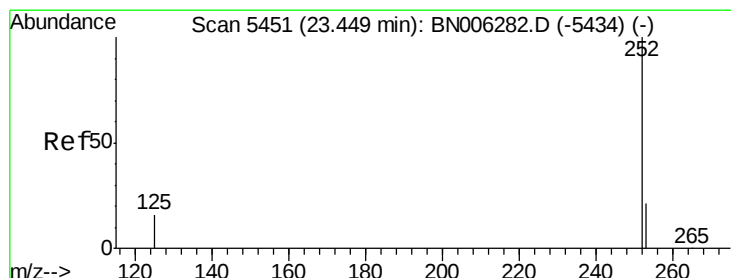
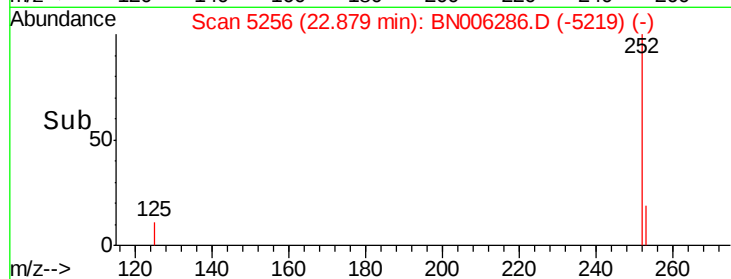
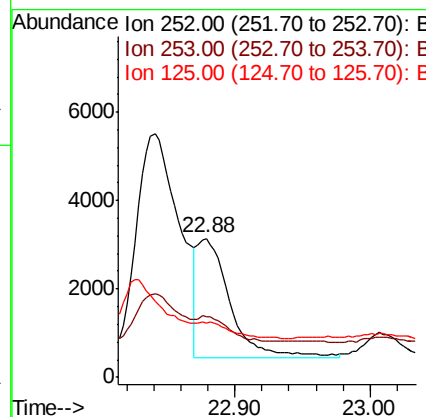
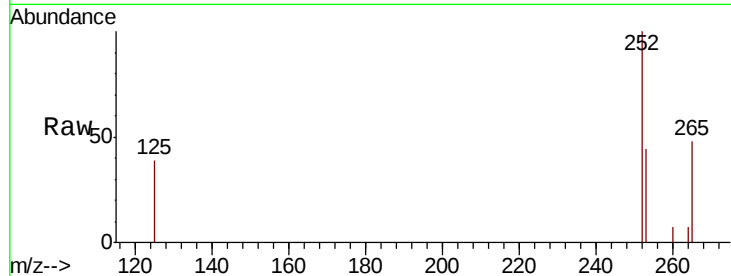
#22
Benzo(k)fluoranthene
Concen: 0.073 ng/ul m
RT: 22.88 min Scan# 5256
Delta R.T. -0.04 min
Lab File: BN006286.D
Acq: 12 Jun 2019 18:27

Instrument :
BNA_N
ClientSampleId :
A51F3DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	43.7	20.3	30.5#
125	39.3	14.3	21.5#

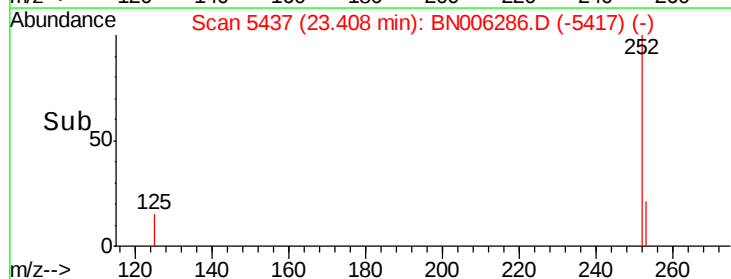
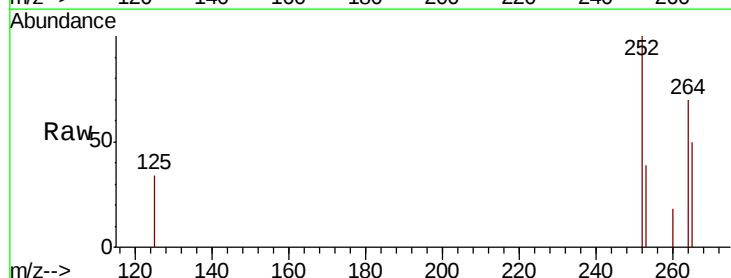
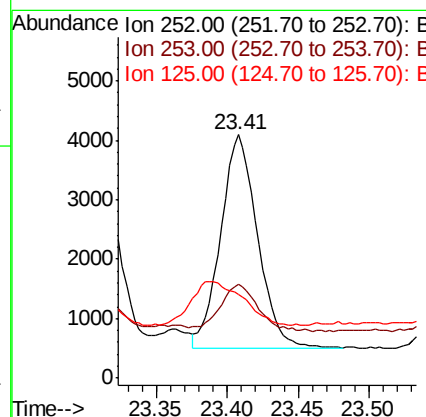
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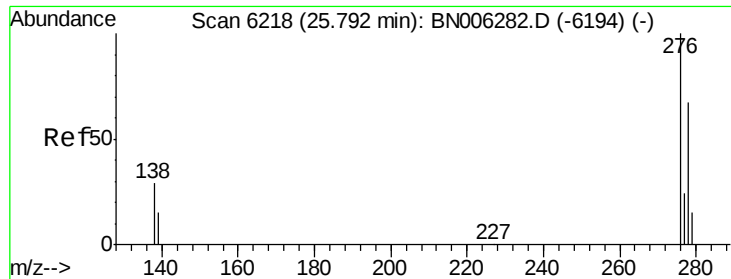
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#23
Benzo(a)pyrene
Concen: 0.106 ng/ul
RT: 23.41 min Scan# 5437
Delta R.T. -0.04 min
Lab File: BN006286.D
Acq: 12 Jun 2019 18:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.6	21.1	31.7#
125	34.1	20.3	30.5#





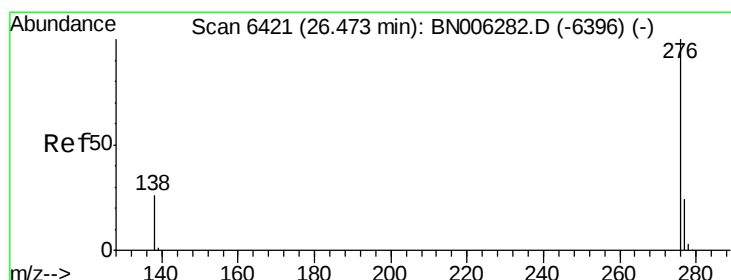
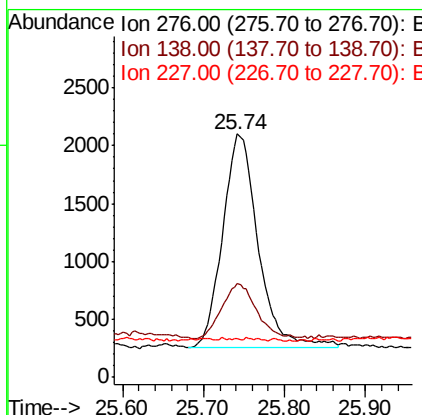
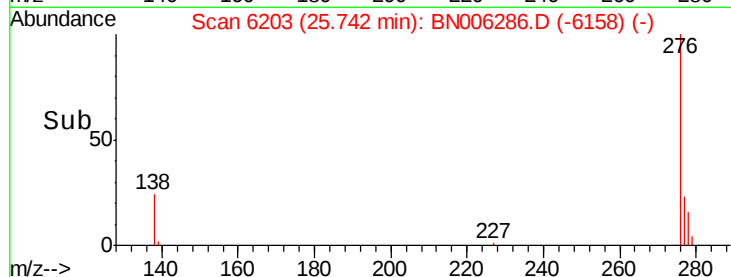
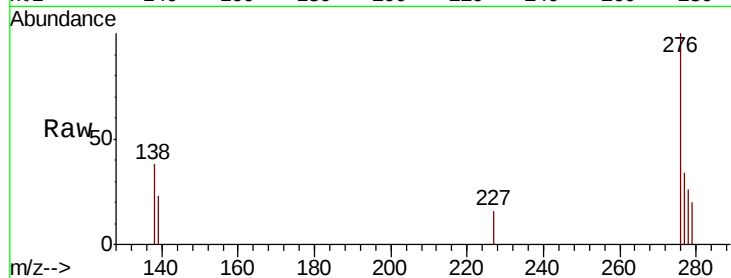
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.086 ng/u1
 RT: 25.74 min Scan# 6203
 Delta R.T. -0.05 min
 Lab File: BN006286.D
 Acq: 12 Jun 2019 18:27

Instrument :
 BNA_N
 ClientSampleId :
 A51F3DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	25.6	38.4#
227	0.1	0.3	0.5#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.093 ng/u1
 RT: 26.43 min Scan# 6408
 Delta R.T. -0.04 min
 Lab File: BN006286.D
 Acq: 12 Jun 2019 18:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	41.4	24.2	36.4#
277	35.6	21.5	32.3#

