

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050719\
 Data File : BN005526.D
 Acq On : 07 May 2019 21:01
 Operator : JU/SJ
 Sample : K2403-16DL 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5130DL

Manual Integrations
 APPROVED

Sohil
 5/8/2019 6:27:23 AM

Quant Time: May 08 04:05:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 07 07:04:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2517	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.36	136	9943	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.23	164	5523	0.40	ng/ul	-0.02
10) Phenanthrene-d10	16.99	188	11308	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	8115	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	10667	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	432	0.03	ng/ul	-0.01
14) Fluoranthene-d10	19.03	212	989	0.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.41	128	899	0.034	ng/ul#	77
5) 2-Methylnaphthalene	12.05	142	443	0.025	ng/ul	100
12) Phenanthrene	17.03	178	1858	0.060	ng/ul#	86
15) Fluoranthene	19.06	202	4006	0.094	ng/ul	96
17) Pyrene	19.42	202	3838	0.128	ng/ul#	91
18) Benzo(a)anthracene	21.21	228	875	0.031	ng/ul#	24
19) Chrysene	21.26	228	1478	0.043	ng/ul#	52
21) Benzo(b)fluoranthene	22.78	252	2338m	0.073	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	1018m	0.025	ng/ul	
23) Benzo(a)pyrene	23.34	252	1261	0.035	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.63	276	1106	0.028	ng/ul#	95
26) Benzo(g,h,i)perylene	26.30	276	1480	0.043	ng/ul#	41

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

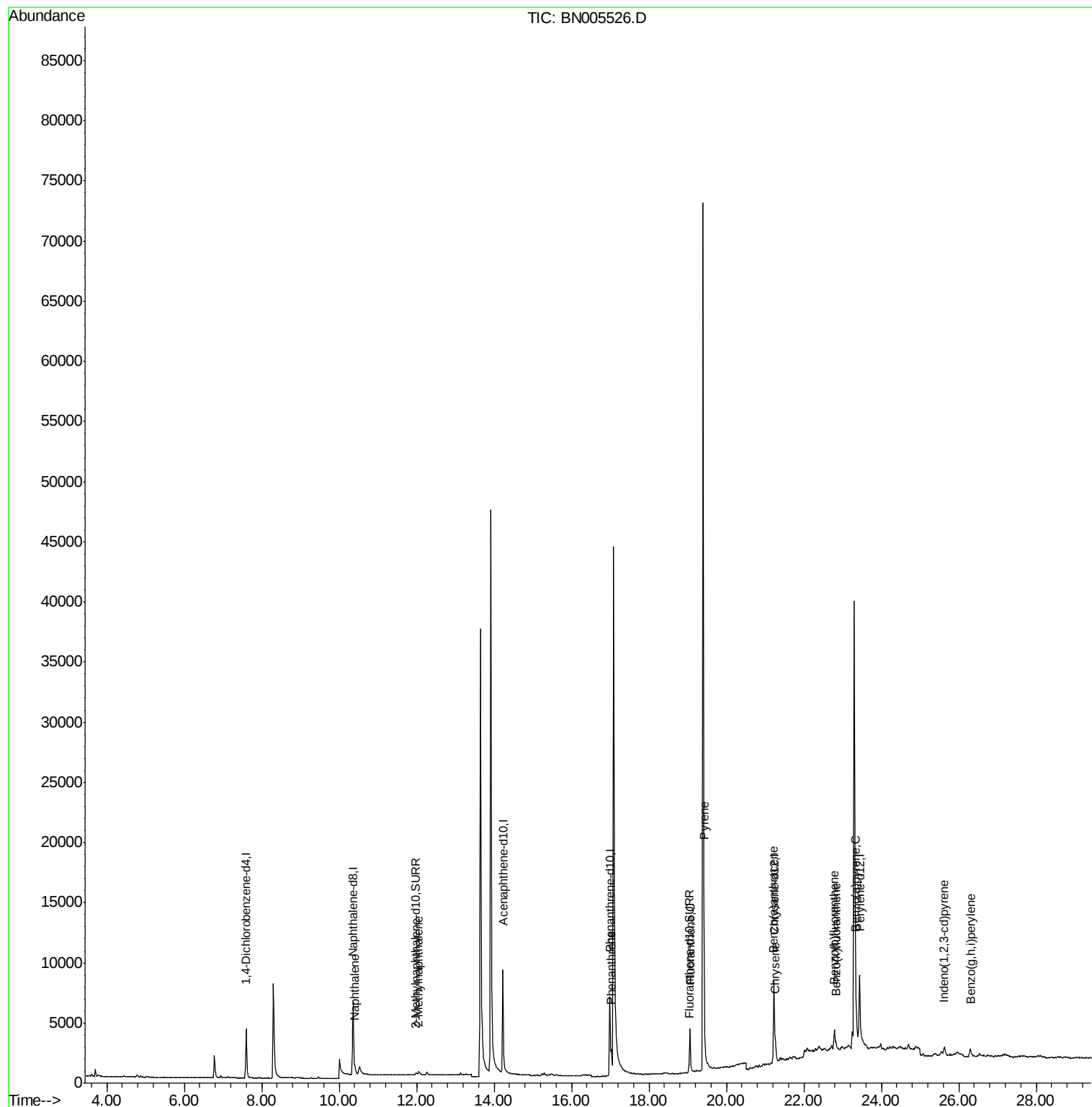
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050719\
Data File : BN005526.D
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Operator : JU/SJ
Sample : K2403-16DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

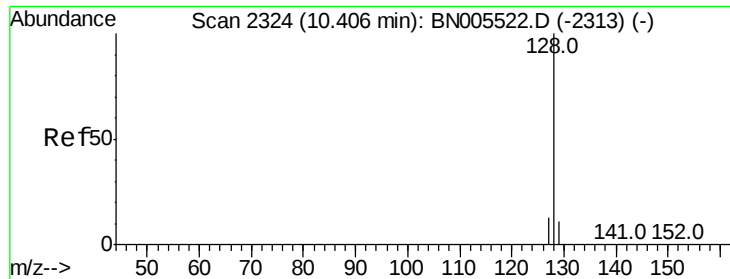
Instrument :
BNA_N
ClientSampleId :
A5130DL

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QLast Update : Tue May 07 07:04:57 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.034 ng/ul

RT: 10.41 min Scan# 2324

Delta R.T. -0.02 min

Lab File: BN005526.D

Acq: 07 May 2019 21:01

Instrument :

BNA_N

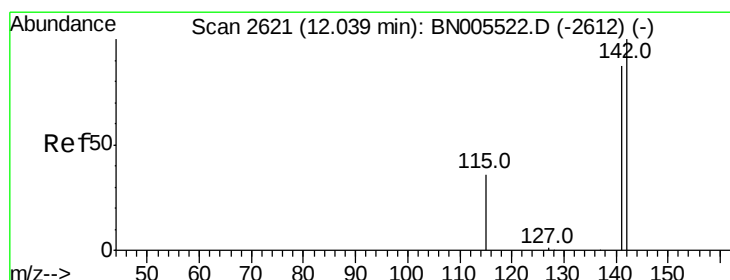
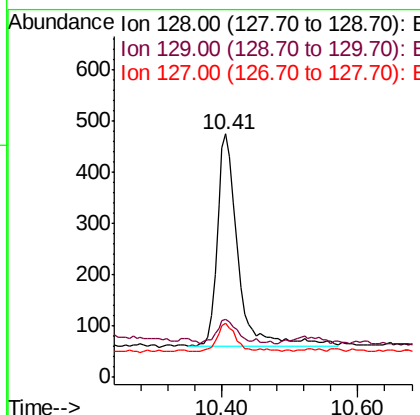
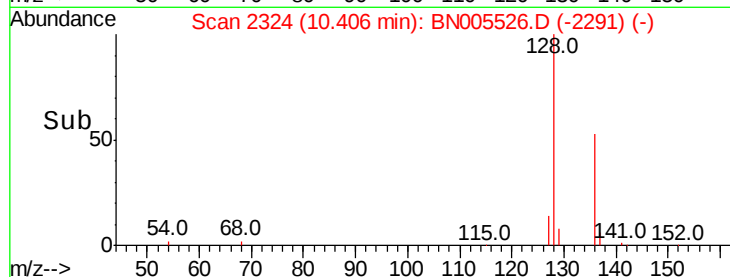
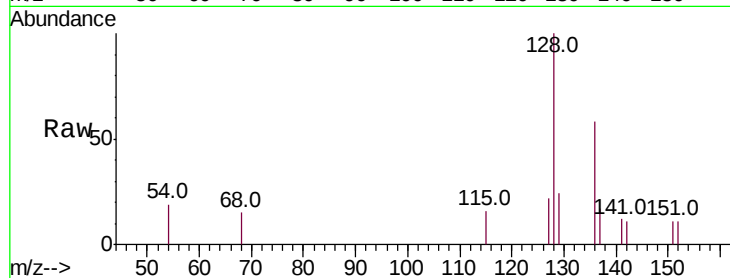
ClientSampleId :

A5130DL

Tot Ion:	128	Resp:	899
Ion Ratio	Lower	Upper	
128	100		
129	23.9	10.2	15.2#
127	22.3	11.8	17.8#

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#5

2-Methylnaphthalene

Concen: 0.025 ng/ul

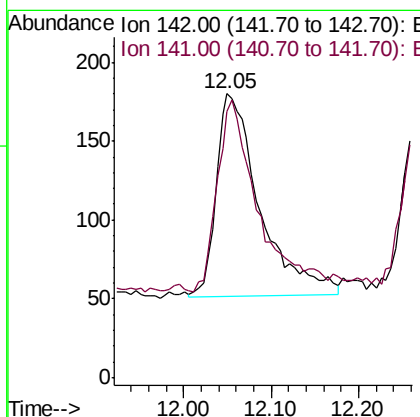
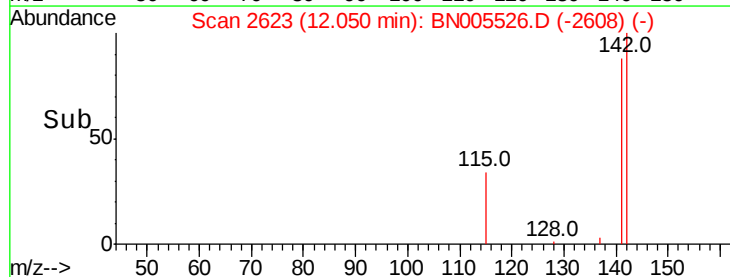
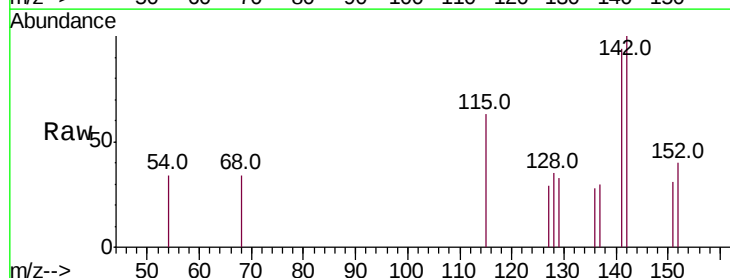
RT: 12.05 min Scan# 2623

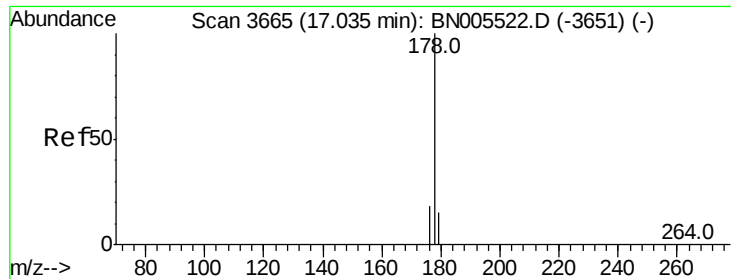
Delta R.T. -0.02 min

Lab File: BN005526.D

Acq: 07 May 2019 21:01

Tgt Ion:	142	Resp:	443
Ion Ratio	Lower	Upper	
142	100		
141	90.3	72.2	108.2





#12

Phenanthrene

Concen: 0.060 ng/ul

RT: 17.03 min Scan# 3663

Delta R.T. -0.02 min

Lab File: BN005526.D

Acq: 07 May 2019 21:01

Instrument :

BNA_N

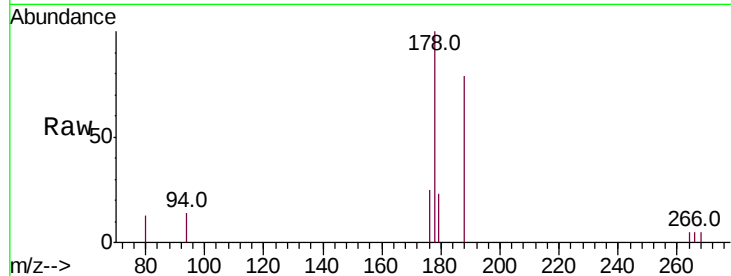
ClientSampled :

A5130DL

Tot Ion:	178	Resp:	1858
Ion Ratio	Lower	Upper	
178	100		
179	22.8	12.8	19.2#
176	24.6	15.3	22.9#

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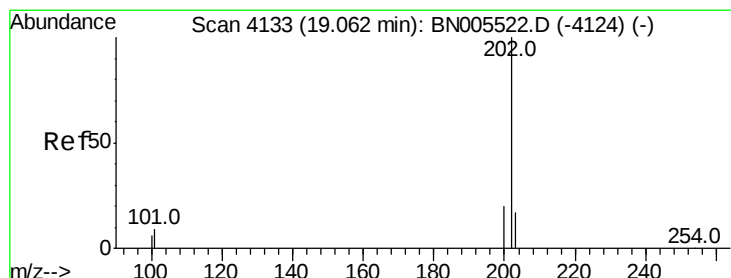
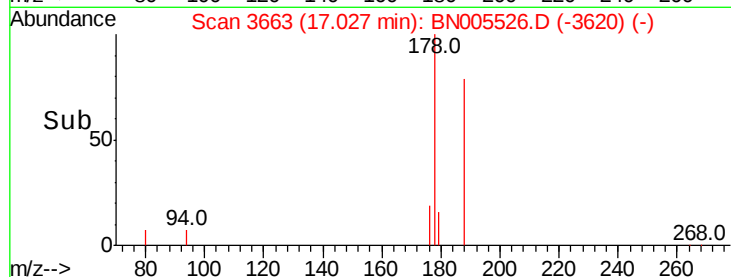
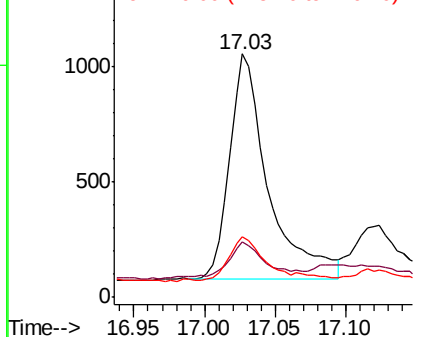
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.094 ng/ul

RT: 19.06 min Scan# 4133

Delta R.T. -0.01 min

Lab File: BN005526.D

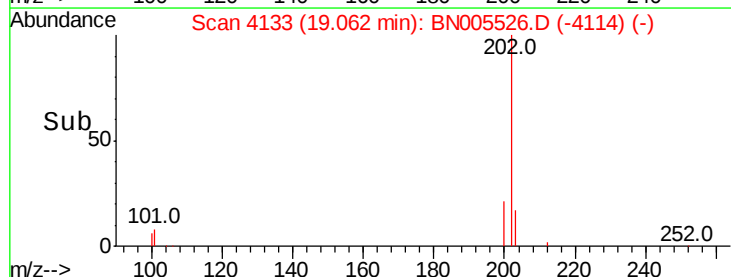
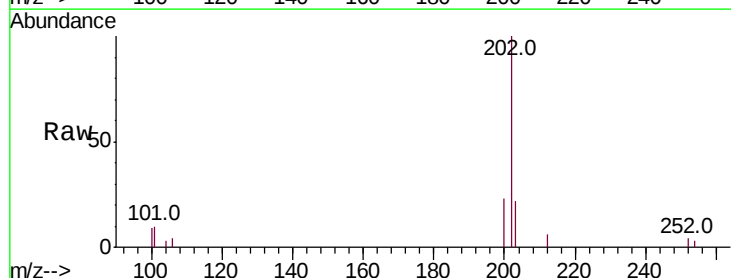
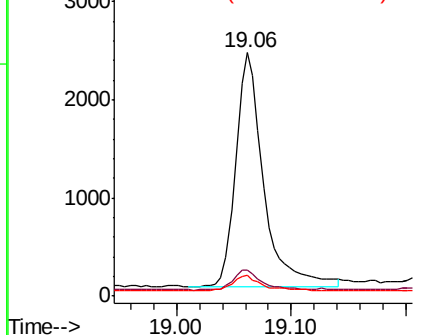
Acq: 07 May 2019 21:01

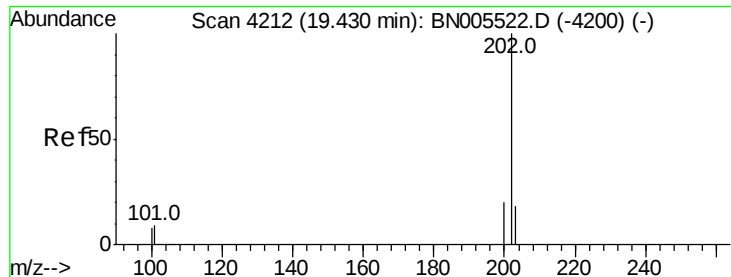
Tgt Ion:	202	Resp:	4006
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	29.4
100	8.6	0.0	27.1

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: 0.128 ng/ul

RT: 19.42 min Scan# 4211

Delta R.T. -0.01 min

Lab File: BN005526.D

Acq: 07 May 2019 21:01

Instrument :

BNA_N

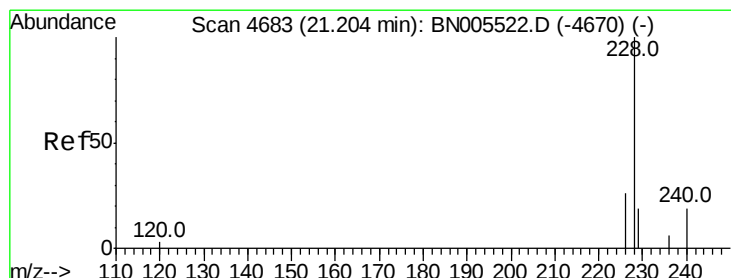
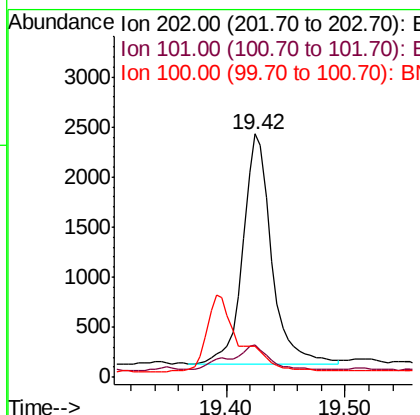
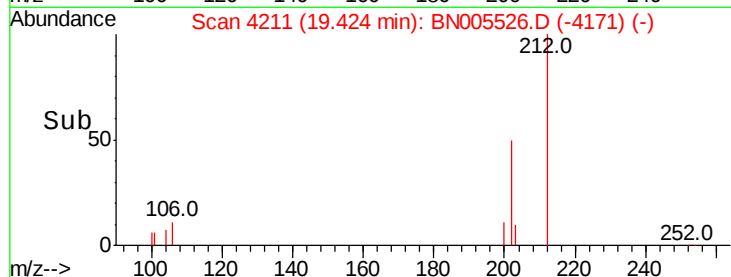
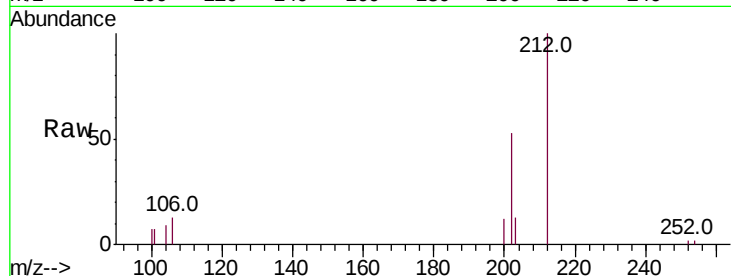
ClientSampleId :

A5130DL

Tot Ion:	202	Resp:	3838
Ion Ratio	Lower	Upper	
202	100		
101	13.3	8.5	12.7#
100	12.7	6.9	10.3#

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#18

Benzo(a)anthracene

Concen: 0.031 ng/ul

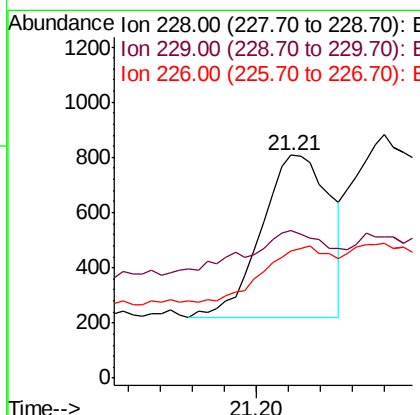
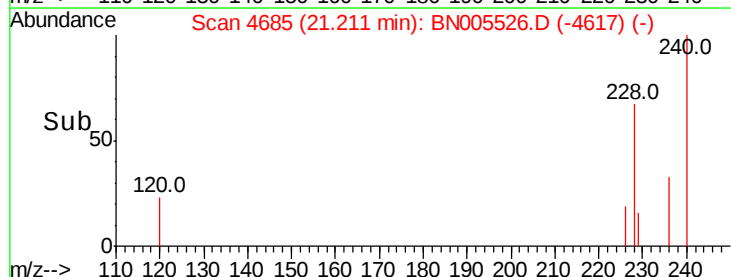
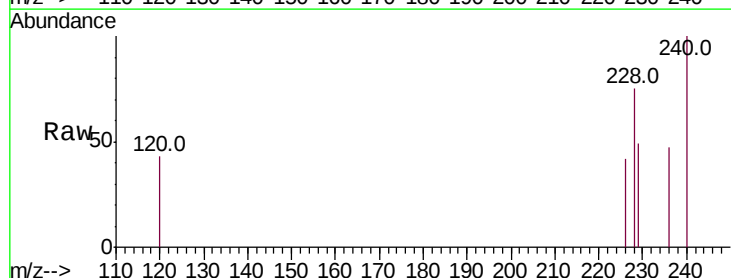
RT: 21.21 min Scan# 4685

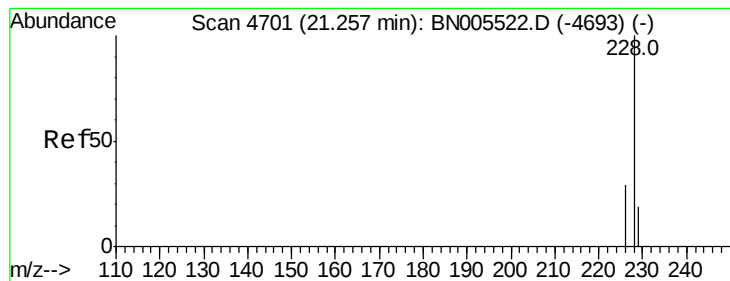
Delta R.T. -0.00 min

Lab File: BN005526.D

Acq: 07 May 2019 21:01

Tgt Ion:	228	Resp:	875
Ion Ratio	Lower	Upper	
228	100		
229	66.0	15.8	23.8#
226	56.9	21.7	32.5#





#19

Chrysene

Concen: 0.043 ng/ul

RT: 21.26 min Scan# 4703

Delta R.T. -0.00 min

Lab File: BN005526.D

Acq: 07 May 2019 21:01

Instrument :

BNA_N

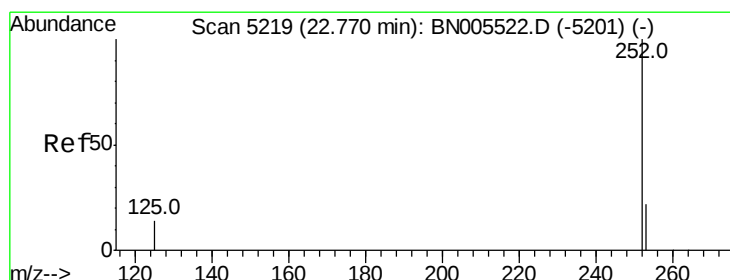
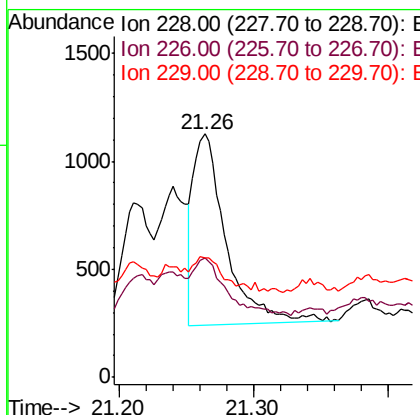
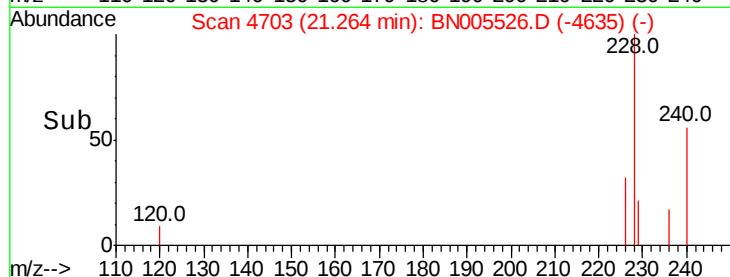
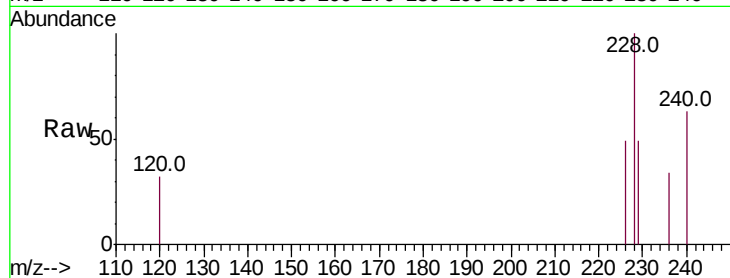
ClientSampled :

A5130DL

Tot Ion:	228	Resp:	1478
Ion Ratio	Lower	Upper	
228	100		
226	48.9	23.2	34.8#
229	48.8	16.0	24.0#

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#21

Benzo(b)fluoranthene

Concen: 0.073 ng/ul m

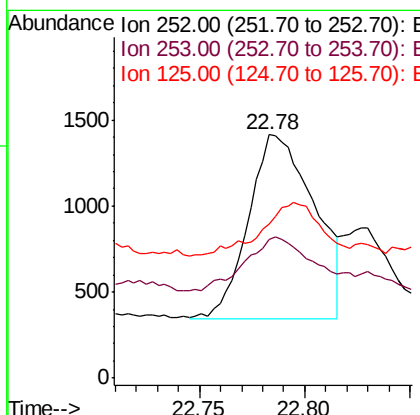
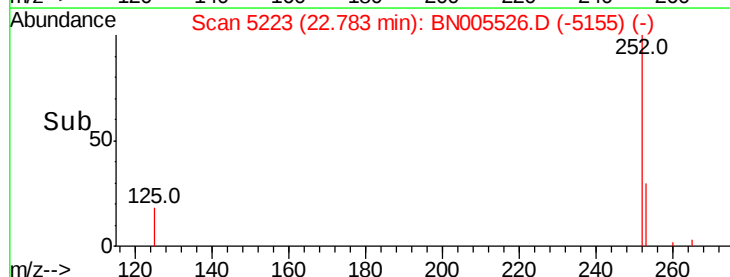
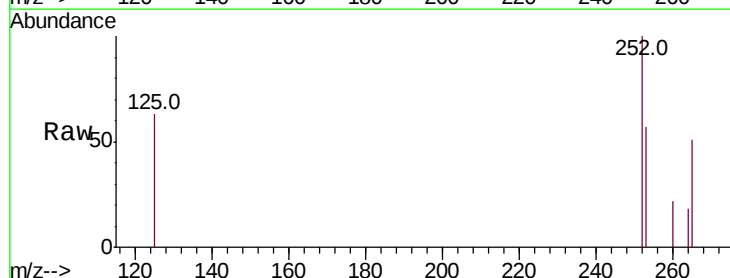
RT: 22.78 min Scan# 5223

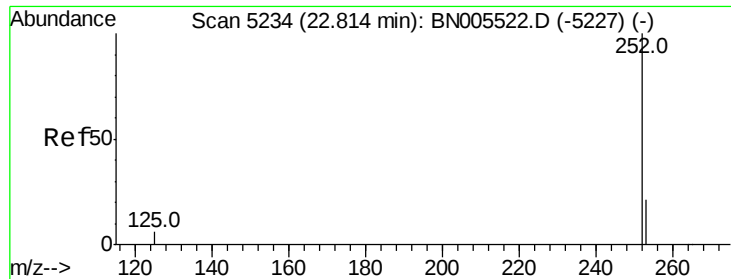
Delta R.T. -0.00 min

Lab File: BN005526.D

Acq: 07 May 2019 21:01

Tgt Ion:	252	Resp:	2338
Ion Ratio	Lower	Upper	
252	100		
253	57.1	0.0	47.6#
125	63.4	0.0	20.8#





#22

Benzo(k)fluoranthene

Concen: 0.025 ng/ul m

RT: 22.83 min Scan# 5238

Delta R.T. 0.00 min

Lab File: BN005526.D

Acq: 07 May 2019 21:01

Instrument :

BNA_N

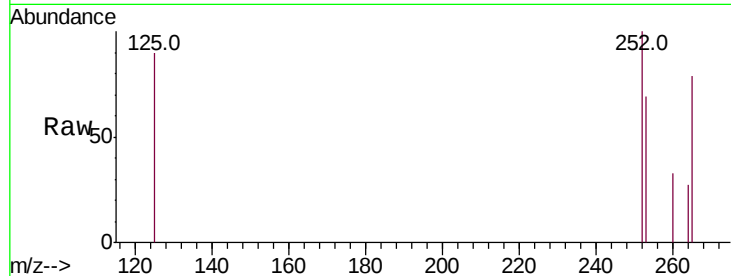
ClientSampled :

A5130DL

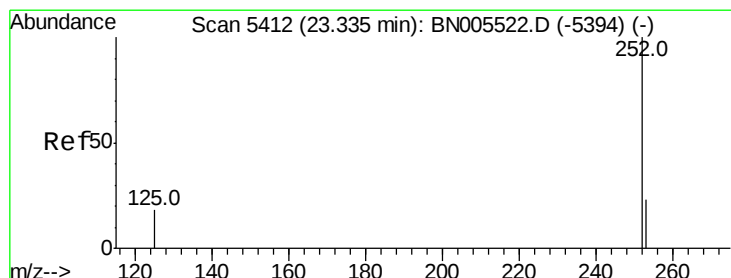
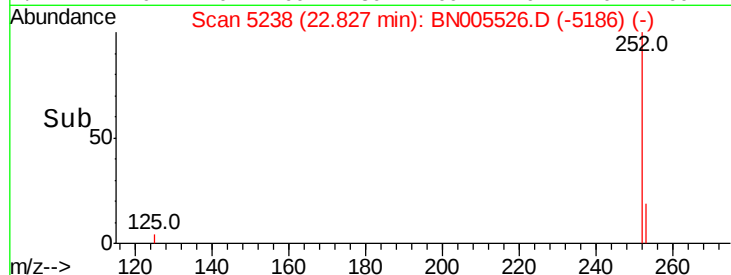
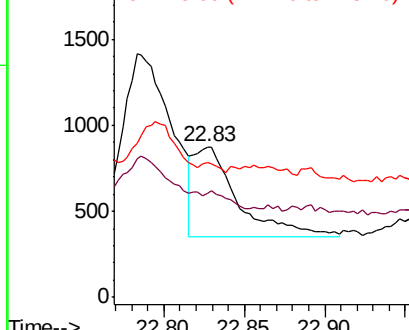
Tot Ion:252	Resp:	1018
Ion Ratio	Lower	Upper
252	100	
253	69.3	18.8 28.2#
125	89.7	7.6 11.4#

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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: 0.035 ng/ul

RT: 23.34 min Scan# 5415

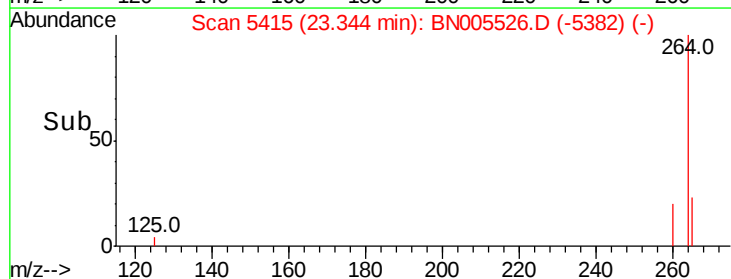
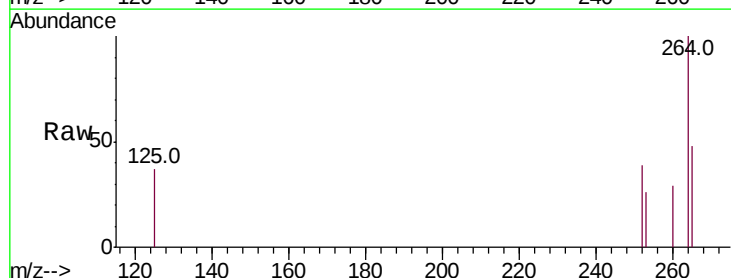
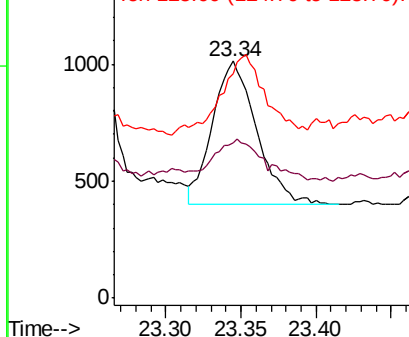
Delta R.T. -0.00 min

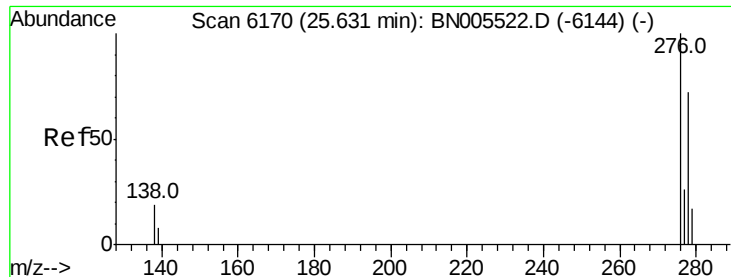
Lab File: BN005526.D

Acq: 07 May 2019 21:01

Tgt Ion:252	Resp:	1261
Ion Ratio	Lower	Upper
252	100	
253	65.6	19.6 29.4#
125	95.1	10.1 15.1#

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





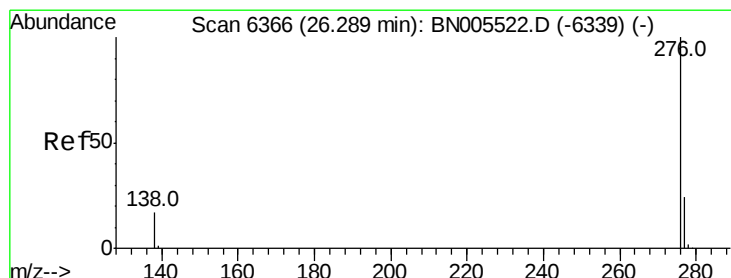
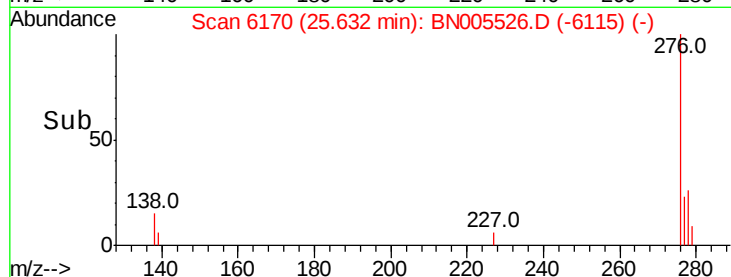
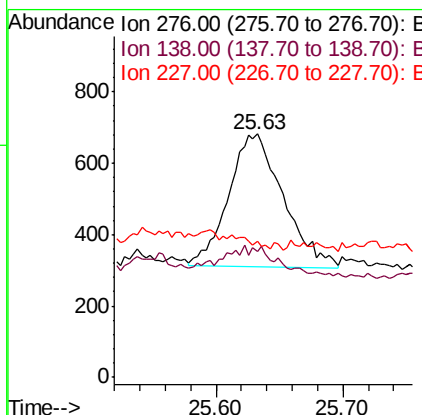
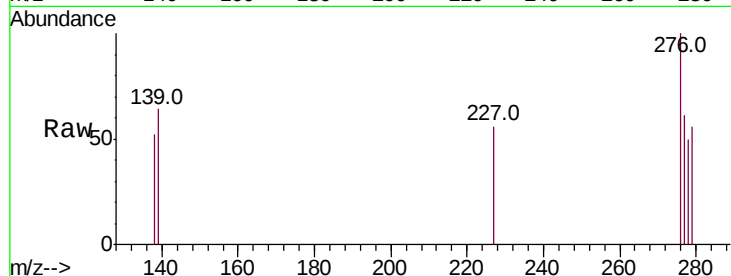
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.028 ng/uL
 RT: 25.63 min Scan# 6170
 Delta R.T. -0.02 min
 Lab File: BN005526.D
 Acq: 07 May 2019 21:01

Instrument :
 BNA_N
 ClientSampleID :
 A5130DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.2	15.8	23.8
227	0.0	0.1	0.1#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.043 ng/uL
 RT: 26.30 min Scan# 6369
 Delta R.T. -0.01 min
 Lab File: BN005526.D
 Acq: 07 May 2019 21:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	46.0	15.6	23.4#
277	56.5	20.6	31.0#

