

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021419\
 Data File : BN004426.D
 Acq On : 14 Feb 2019 18:37
 Operator : JU/SJ
 Sample : MDL-S-01
 Misc : 0.07 PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-01

Manual Integrations
 APPROVED

Sohil
 2/15/2019 3:35:01 PM

Quant Time: Feb 15 02:55:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 14:04:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	944	0.40	ng/ul	0.00
2) Naphthalene-d8	10.53	136	3777	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	2321	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	6569	0.40	ng/ul	0.00
16) Chrysene-d12	21.33	240	8379	0.40	ng/ul	0.00
20) Perylene-d12	23.60	264	8770	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.13	152	2120	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.16	212	7057	0.34	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.58	128	728	0.067	ng/ul#	81
5) 2-Methylnaphthalene	12.20	142	522	0.067	ng/ul	98
7) Acenaphthylene	14.11	152	646	0.061	ng/ul#	84
8) Acenaphthene	14.45	153	620	0.067	ng/ul	96
9) Fluorene	15.43	166	735	0.067	ng/ul#	98
11) Pentachlorophenol	16.78	266	41m	0.029	ng/ul	
12) Phenanthrene	17.17	178	1411	0.066	ng/ul#	91
13) Anthracene	17.27	178	1115	0.062	ng/ul#	88
15) Fluoranthene	19.20	202	1736	0.066	ng/ul	93
17) Pyrene	19.56	202	1741	0.065	ng/ul#	92
18) Benzo(a)anthracene	21.31	228	1741	0.064	ng/ul	96
19) Chrysene	21.37	228	2184	0.070	ng/ul	95
21) Benzo(b)fluoranthene	22.91	252	2412	0.069	ng/ul	76
22) Benzo(k)fluoranthene	22.96	252	2286	0.066	ng/ul#	71
23) Benzo(a)pyrene	23.50	252	2035	0.065	ng/ul#	66
24) Indeno(1,2,3-cd)pyrene	25.89	276	2728	0.066	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.91	278	2170	0.065	ng/ul#	82
26) Benzo(g,h,i)perylene	26.59	276	2577	0.069	ng/ul#	90

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

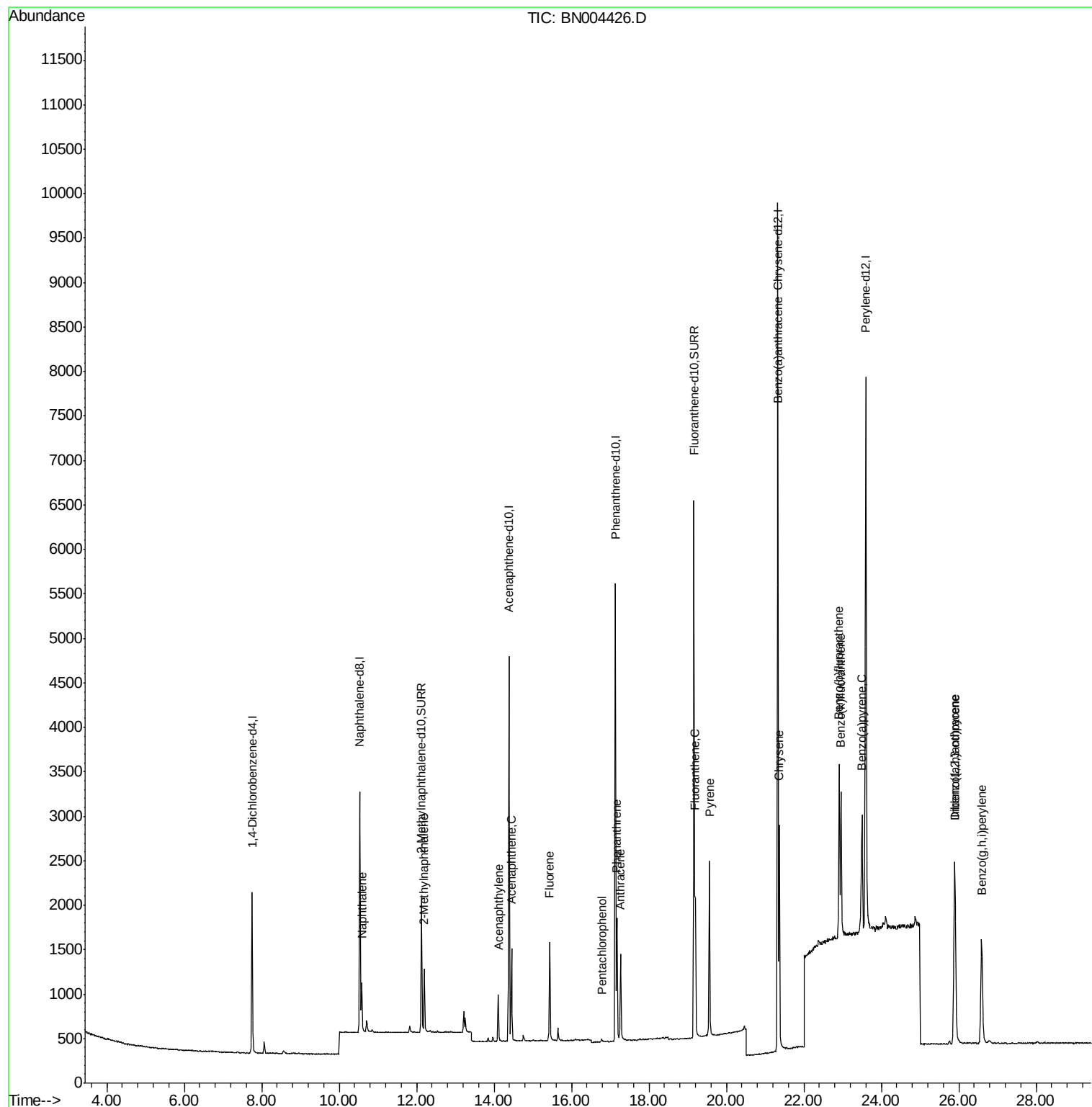
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021419\
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ALS Vial : 13 Sample Multiplier: 1

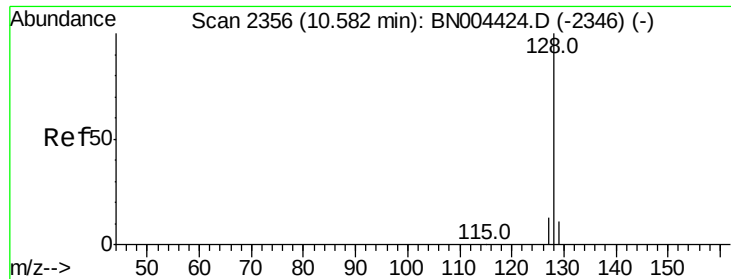
Instrument :
BNA_N
ClientSampleId :
MDL-S-01

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN021119.M
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QLast Update : Mon Feb 11 14:04:55 2019
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#3

Naphthalene

Concen: 0.067 ng/ul

RT: 10.58 min Scan# 2356

Delta R.T. -0.01 min

Lab File: BN004426.D

Acq: 14 Feb 2019 18:37

Instrument :

BNA_N

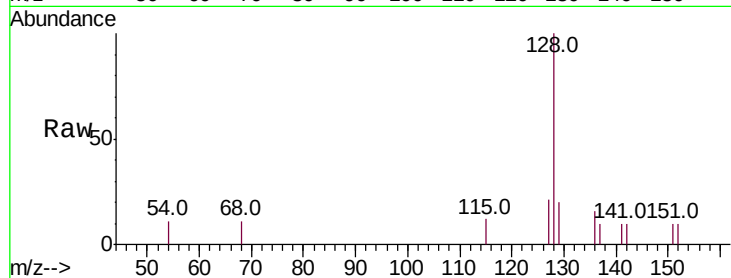
ClientSampleId :

MDL-S-01

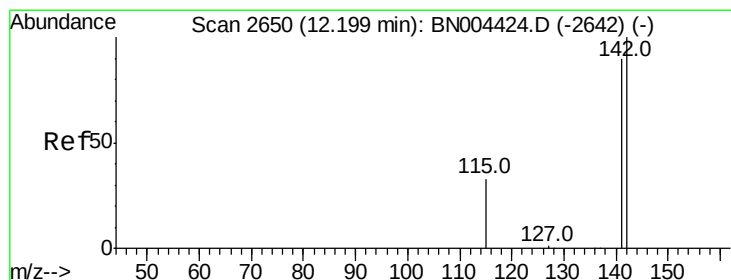
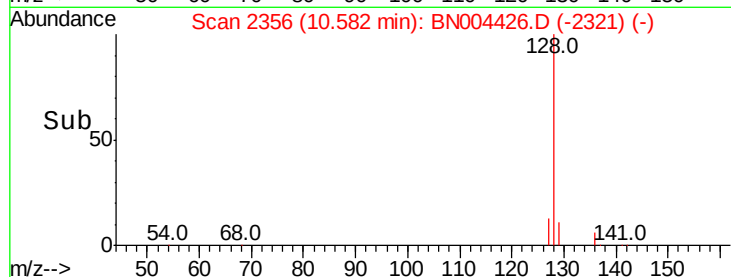
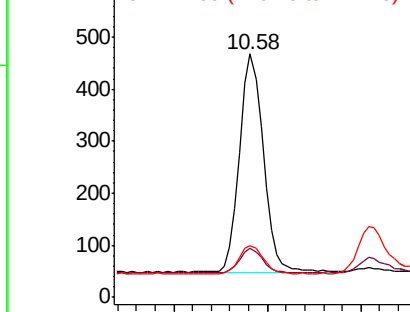
Tot Ion:	128	Resp:	728
Ion Ratio	Lower	Upper	
128	100		
129	20.3	9.8	14.6#
127	21.2	11.4	17.0#

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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: 0.067 ng/ul

RT: 12.20 min Scan# 2650

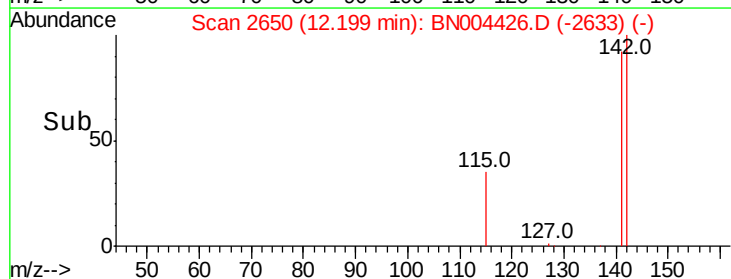
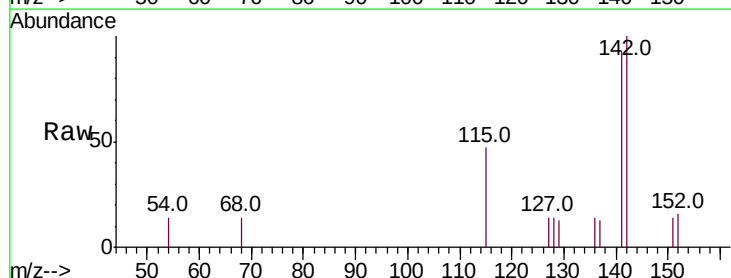
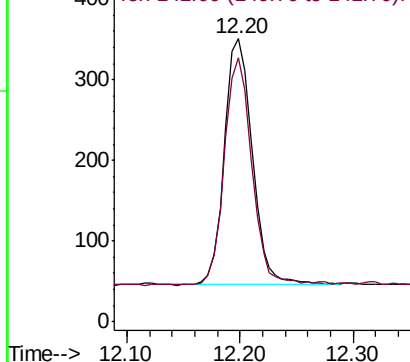
Delta R.T. -0.01 min

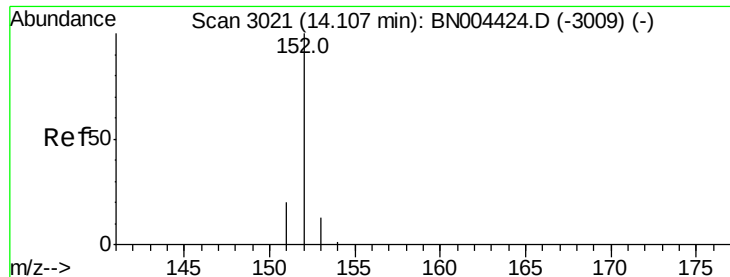
Lab File: BN004426.D

Acq: 14 Feb 2019 18:37

Tgt Ion:	142	Resp:	522
Ion Ratio	Lower	Upper	
142	100		
141	91.2	71.8	107.6

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.061 ng/ul

RT: 14.11 min Scan# 3021

Delta R.T. -0.00 min

Lab File: BN004426.D

Acq: 14 Feb 2019 18:37

Instrument :

BNA_N

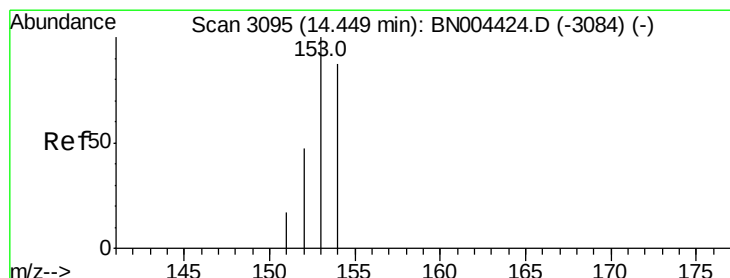
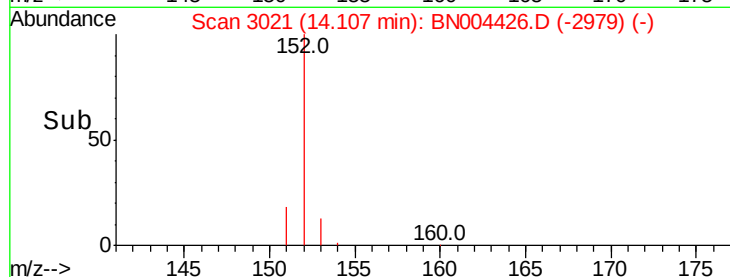
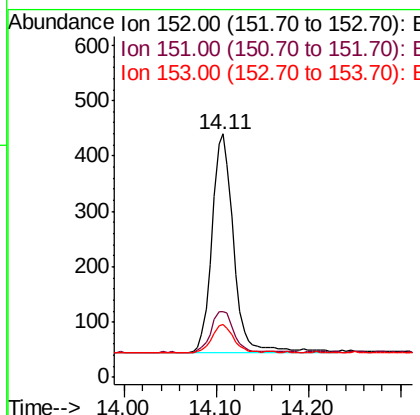
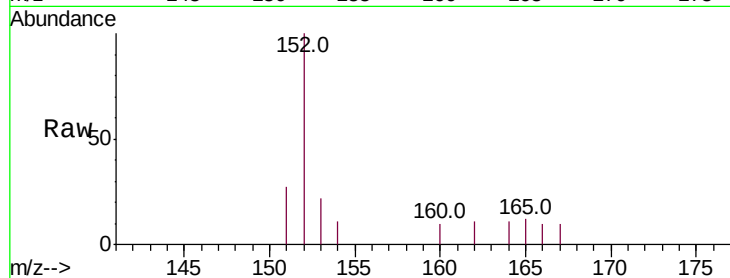
ClientSampleId :

MDL-S-01

Tot Ion:	152	Resp:	646
Ion Ratio	Lower	Upper	
152	100		
151	27.0	16.6	24.8#
153	21.8	11.1	16.7#

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#8

Acenaphthene

Concen: 0.067 ng/ul

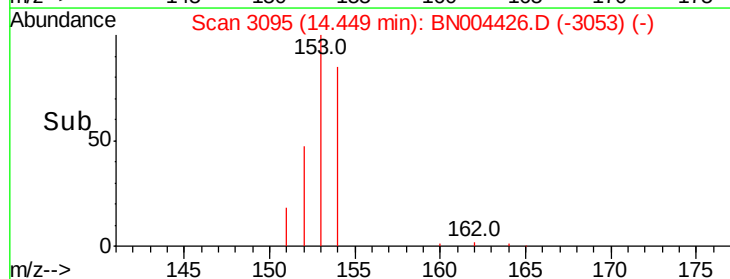
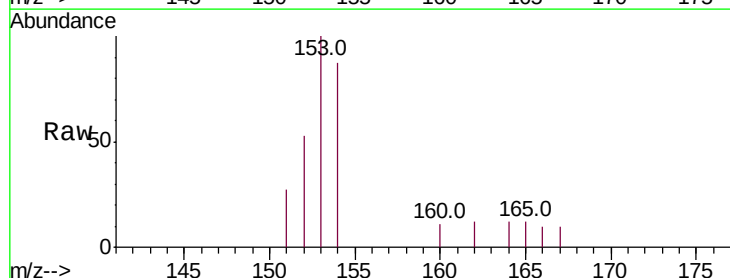
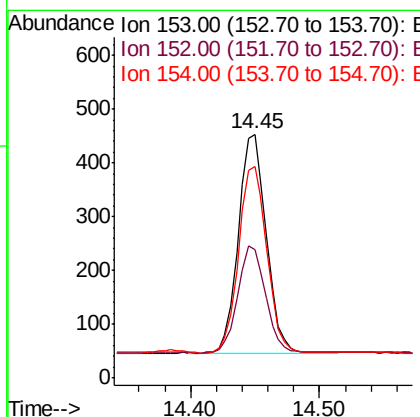
RT: 14.45 min Scan# 3095

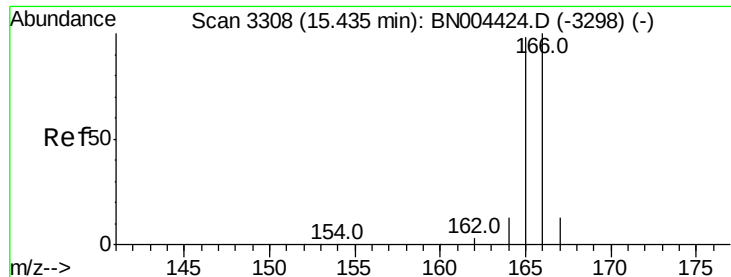
Delta R.T. -0.00 min

Lab File: BN004426.D

Acq: 14 Feb 2019 18:37

Tgt Ion:	153	Resp:	620
Ion Ratio	Lower	Upper	
153	100		
152	52.5	38.4	57.6
154	86.8	71.4	107.0





#9

Fluorene

Concen: 0.067 ng/ul

RT: 15.43 min Scan# 3308

Delta R.T. -0.00 min

Lab File: BN004426.D

Acq: 14 Feb 2019 18:37

Instrument :

BNA_N

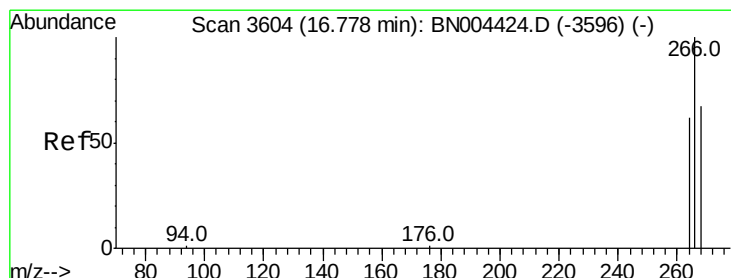
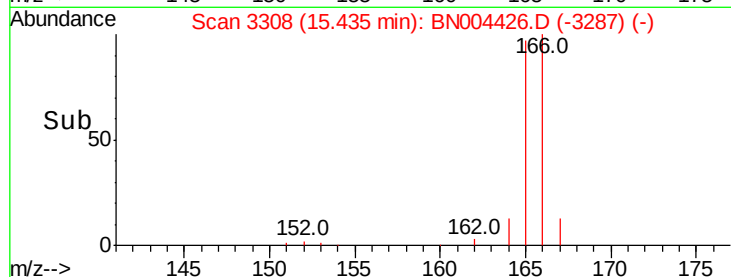
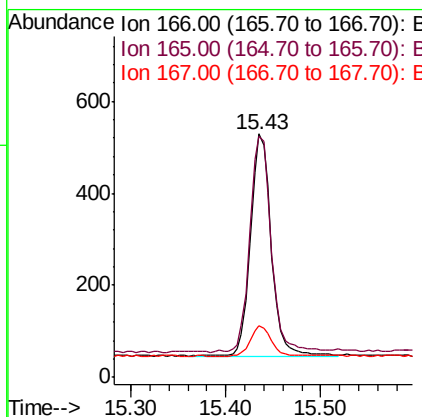
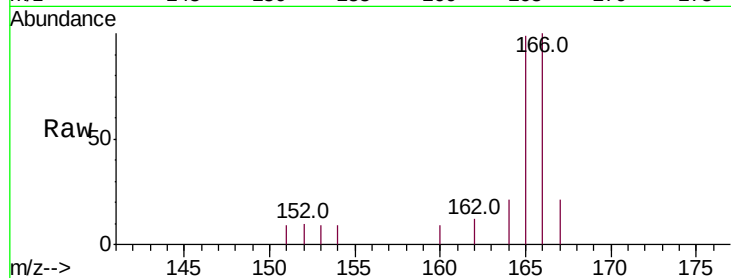
ClientSampleId :

MDL-S-01

Tot Ion:	166	Resp:	735
Ion Ratio	Lower	Upper	
166	100		
165	98.9	78.9	118.3
167	21.2	11.6	17.4#

Manual Integrations
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#11

Pentachlorophenol

Concen: 0.029 ng/ul m

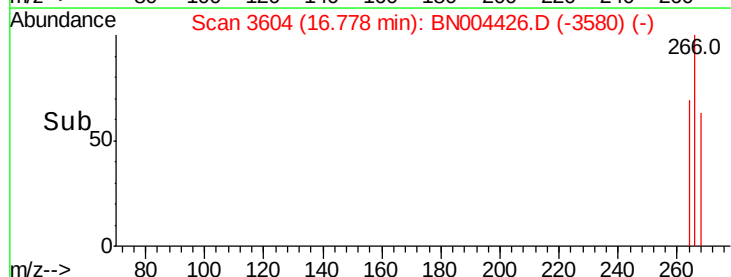
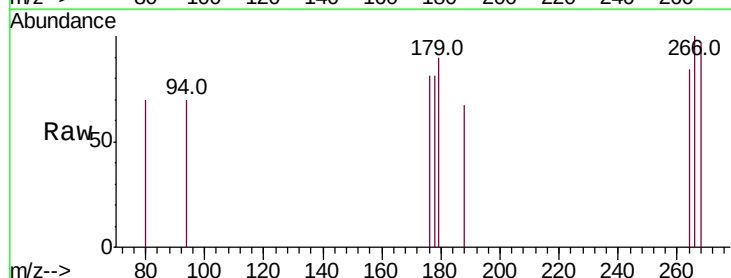
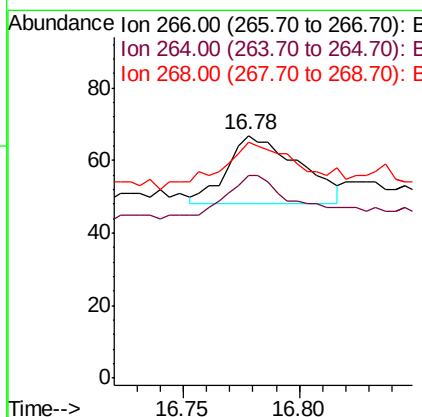
RT: 16.78 min Scan# 3604

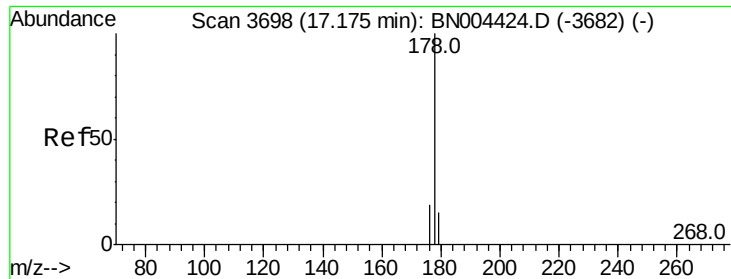
Delta R.T. -0.00 min

Lab File: BN004426.D

Acq: 14 Feb 2019 18:37

Tgt Ion:	266	Resp:	41
Ion Ratio	Lower	Upper	
266	100		
264	4.9	52.3	78.5#
268	4.9	49.0	73.6#





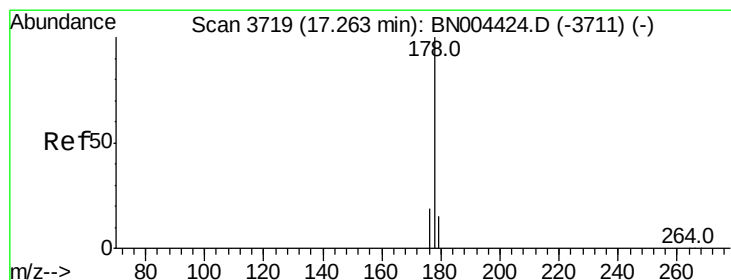
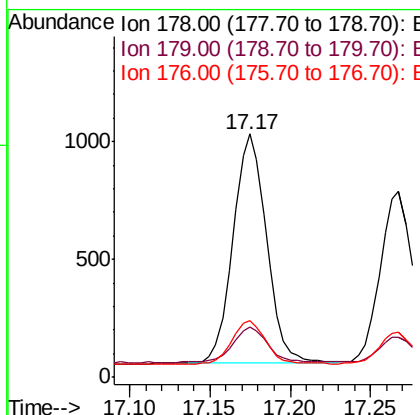
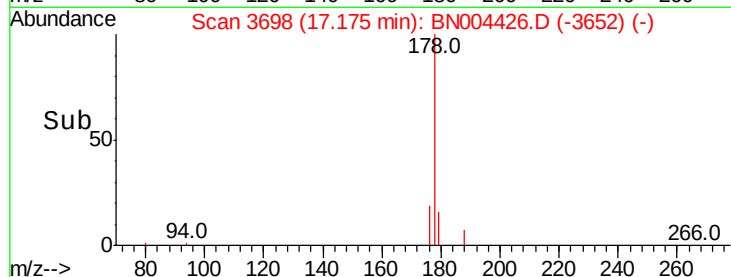
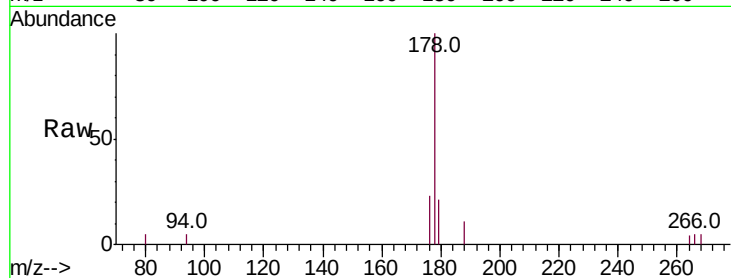
#12
Phenanthrene
Concen: 0.066 ng/ul
RT: 17.17 min Scan# 3698
Delta R.T. -0.00 min
Lab File: BN004426.D
Acq: 14 Feb 2019 18:37

Instrument :
BNA_N
ClientSampled :
MDL-S-01

Tot Ion	Ratio	Lower	Upper
178	100		
179	20.7	12.6	19.0#
176	23.1	15.8	23.6

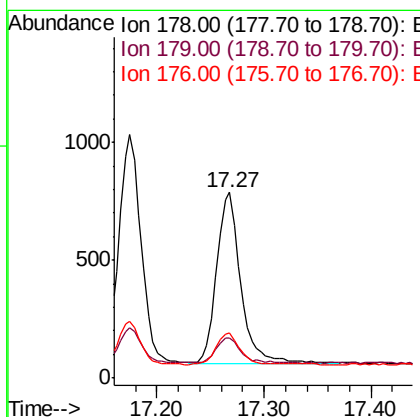
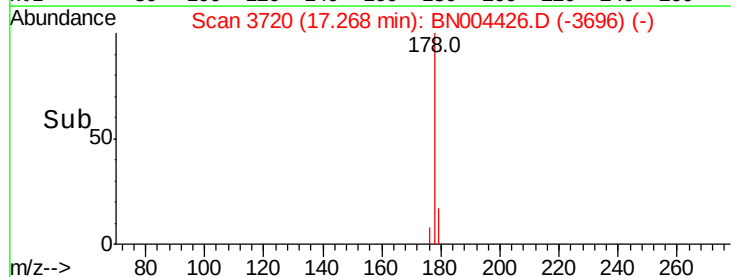
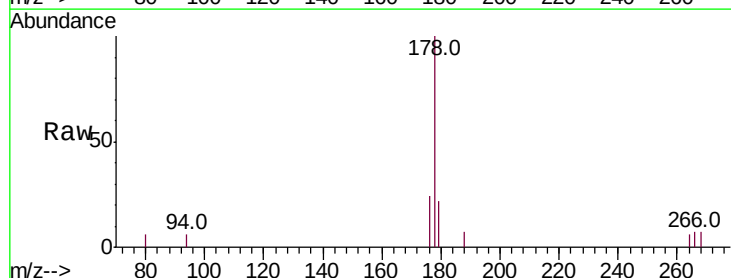
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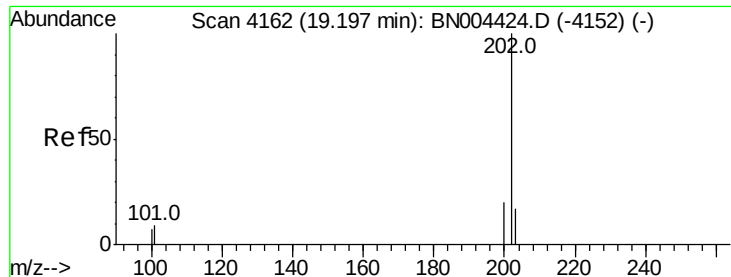
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#13
Anthracene
Concen: 0.062 ng/ul
RT: 17.27 min Scan# 3720
Delta R.T. -0.00 min
Lab File: BN004426.D
Acq: 14 Feb 2019 18:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	21.7	13.0	19.4#
176	24.2	15.5	23.3#





#15

Fluoranthene

Concen: 0.066 ng/ul

RT: 19.20 min Scan# 4162

Delta R.T. -0.00 min

Lab File: BN004426.D

Acq: 14 Feb 2019 18:37

Instrument :

BNA_N

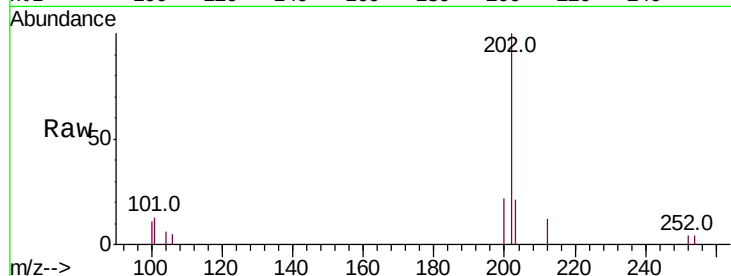
ClientSampleId :

MDL-S-01

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1736		
101	12.9		0.0	30.4
100	10.5		0.0	27.6

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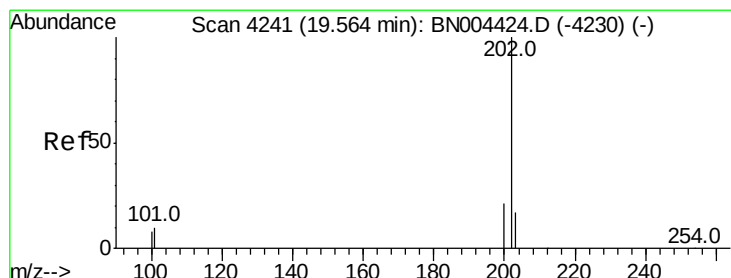
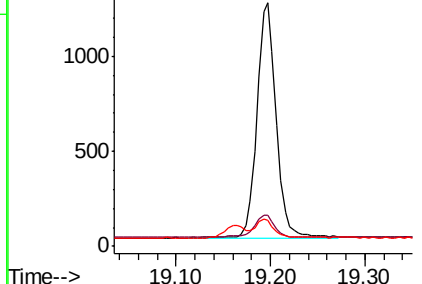
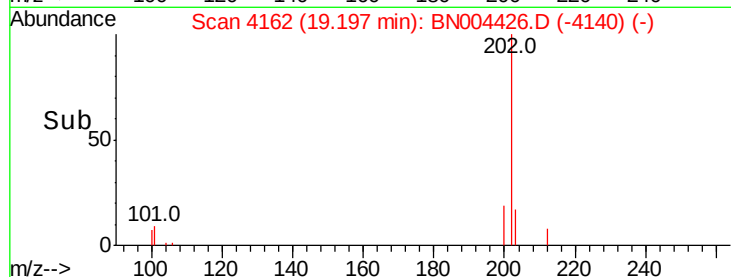
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.065 ng/ul

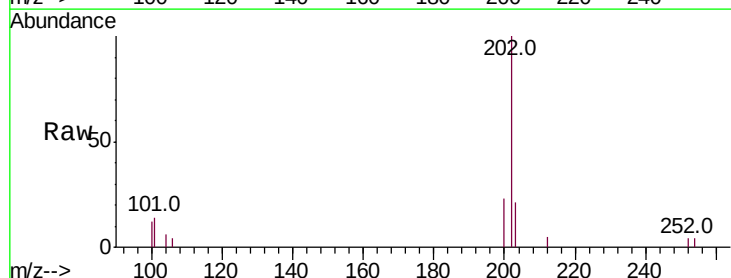
RT: 19.56 min Scan# 4240

Delta R.T. -0.00 min

Lab File: BN004426.D

Acq: 14 Feb 2019 18:37

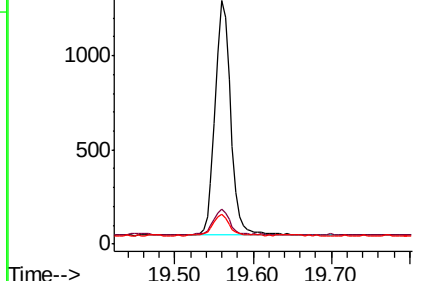
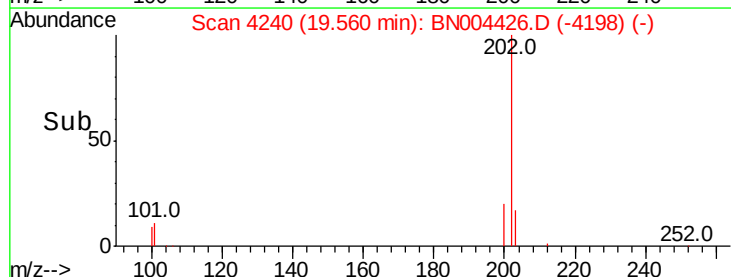
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1741		
101	14.3		9.0	13.6#
100	12.4		7.4	11.0#

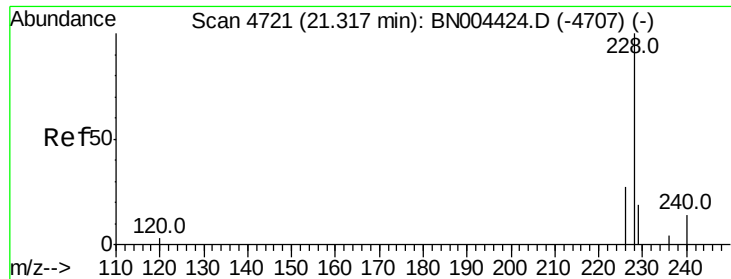


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.064 ng/ul

RT: 21.31 min Scan# 4720

Delta R.T. -0.00 min

Lab File: BN004426.D

Acq: 14 Feb 2019 18:37

Instrument :

BNA_N

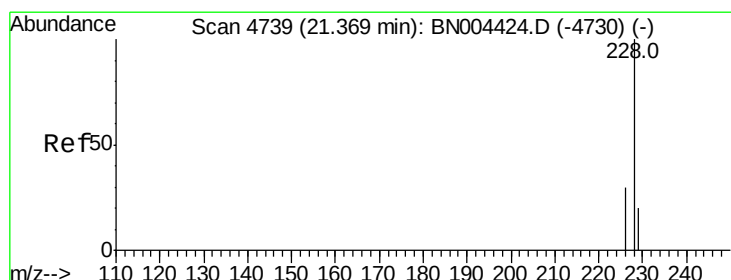
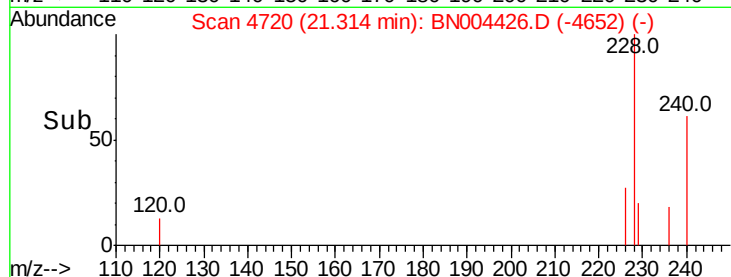
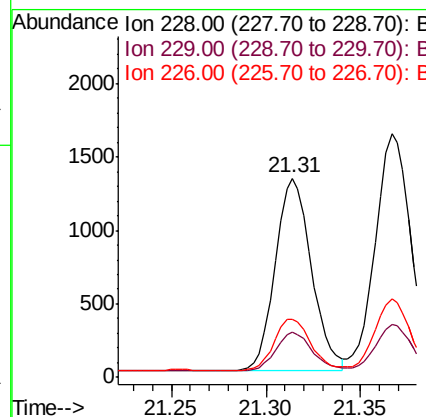
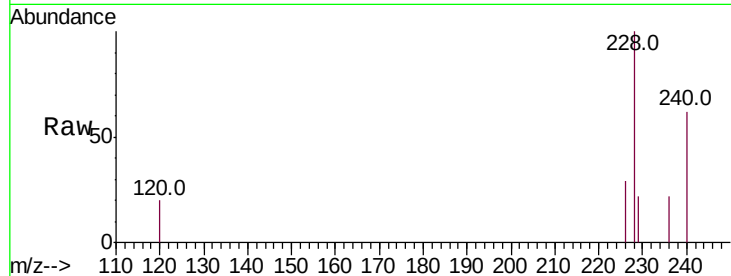
ClientSampleId :

MDL-S-01

Tot Ion:228	Resp:	1741
Ion Ratio	Lower	Upper
228	100	
229	22.5	15.7 23.5
226	29.2	22.1 33.1

Manual Integrations
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#19

Chrysene

Concen: 0.070 ng/ul

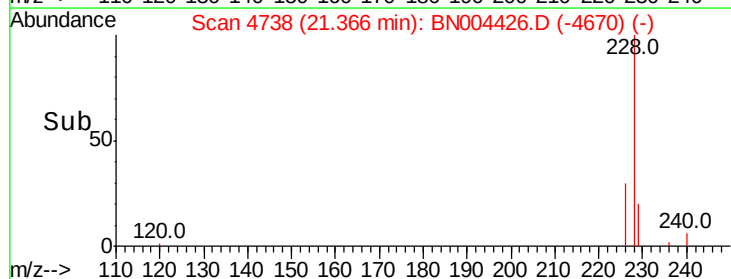
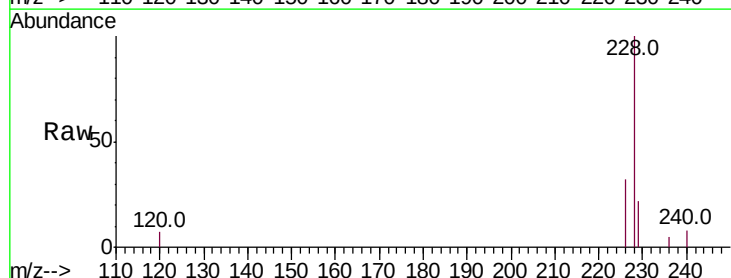
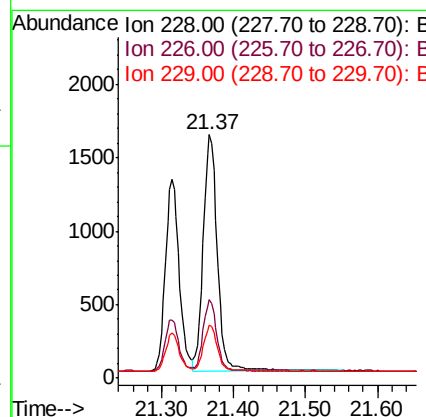
RT: 21.37 min Scan# 4738

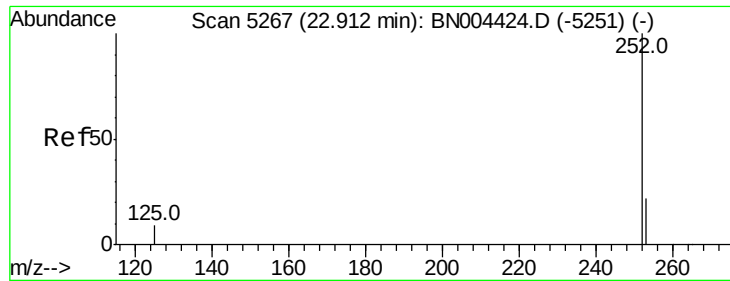
Delta R.T. -0.00 min

Lab File: BN004426.D

Acq: 14 Feb 2019 18:37

Tgt Ion:228	Resp:	2184
Ion Ratio	Lower	Upper
228	100	
226	32.3	23.8 35.8
229	22.0	15.8 23.6





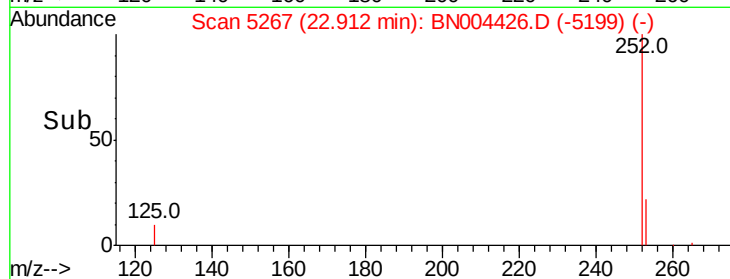
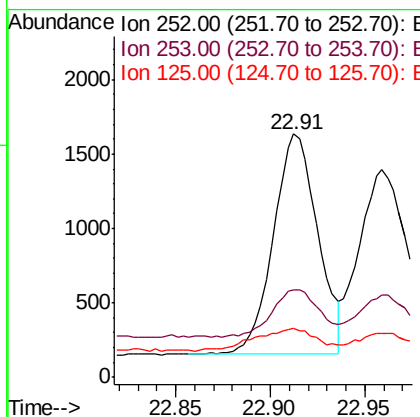
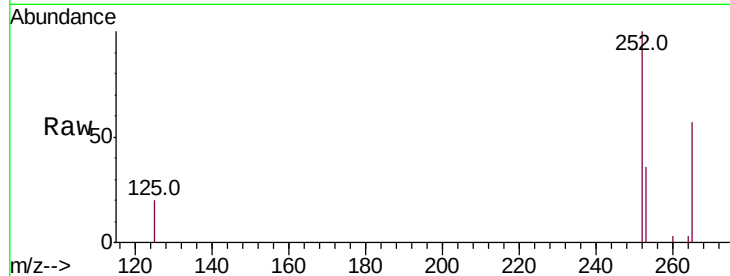
#21
Benzo(b)fluoranthene
Concen: 0.069 ng/ul
RT: 22.91 min Scan# 5267
Delta R.T. -0.00 min
Lab File: BN004426.D
Acq: 14 Feb 2019 18:37

Instrument :
BNA_N
ClientSampleId :
MDL-S-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	36.1	0.0	48.0
125	20.0	0.0	22.8

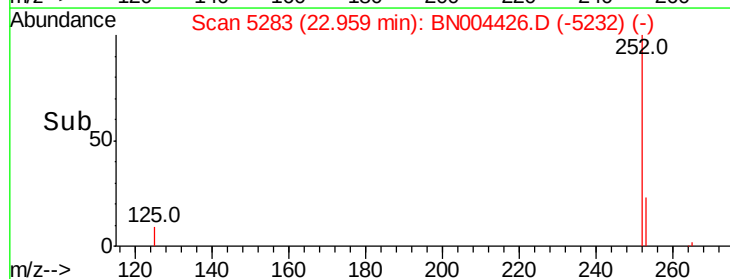
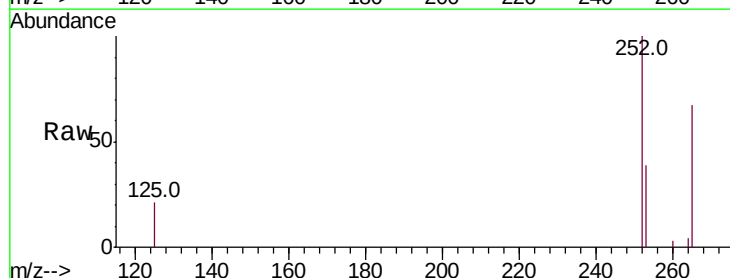
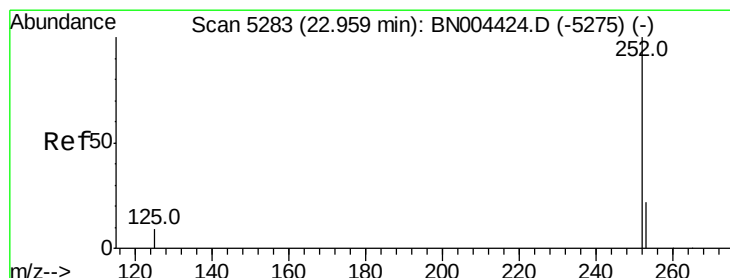
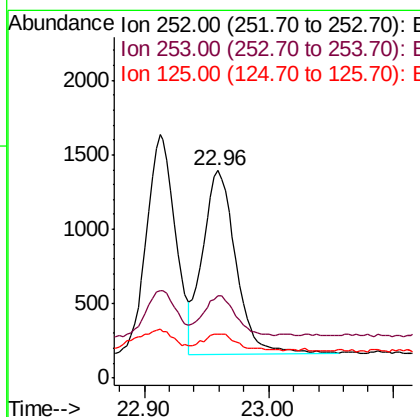
Manual Integrations
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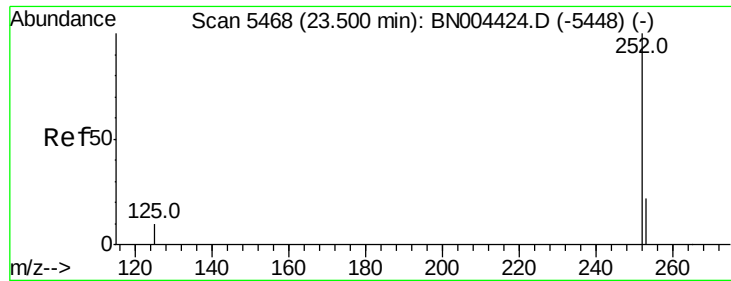
Sohil
2/15/2019 3:35:01 PM



#22
Benzo(k)fluoranthene
Concen: 0.066 ng/ul
RT: 22.96 min Scan# 5283
Delta R.T. -0.00 min
Lab File: BN004426.D
Acq: 14 Feb 2019 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.5	19.5	29.3#
125	21.4	9.1	13.7#





#23

Benzo(a)pyrene

Concen: 0.065 ng/ul

RT: 23.50 min Scan# 5467

Delta R.T. -0.00 min

Lab File: BN004426.D

Acq: 14 Feb 2019 18:37

Instrument :

BNA_N

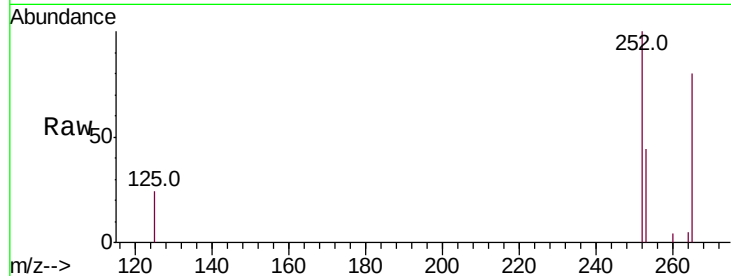
ClientSampled :

MDL-S-01

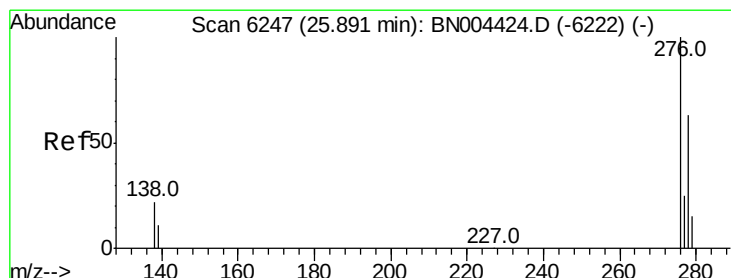
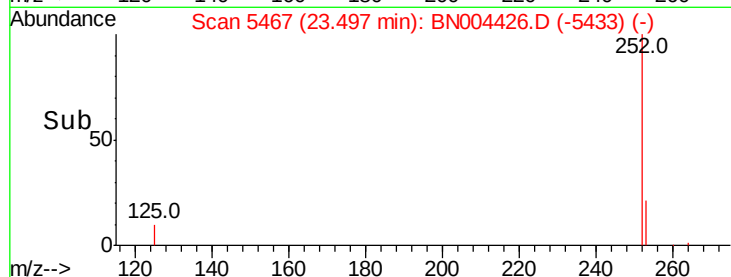
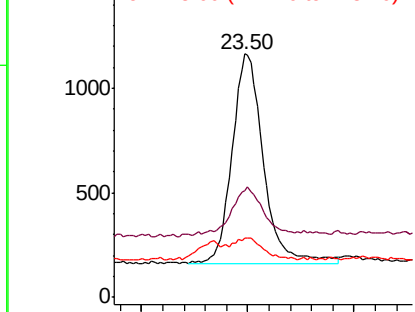
Tot Ion:	252	Resp:	2035
Ion Ratio	Lower	Upper	
252	100		
253	44.0	20.4	30.6#
125	24.2	10.6	15.8#

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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: 0.066 ng/ul

RT: 25.89 min Scan# 6247

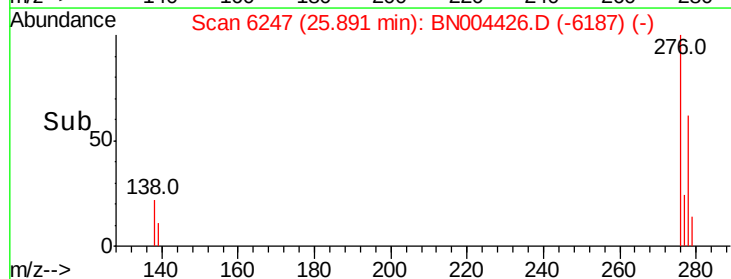
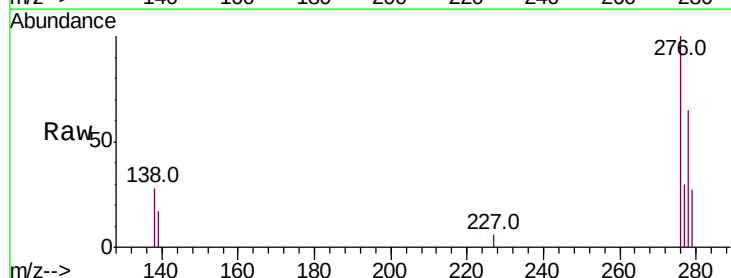
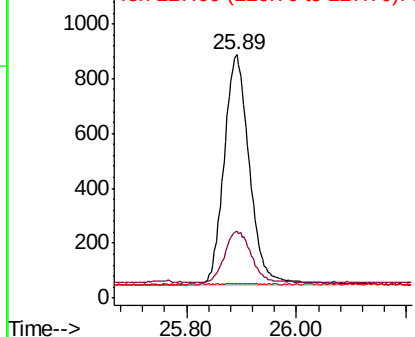
Delta R.T. 0.00 min

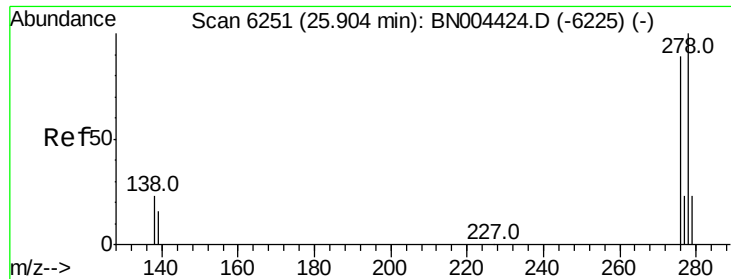
Lab File: BN004426.D

Acq: 14 Feb 2019 18:37

Tgt Ion:	276	Resp:	2728
Ion Ratio	Lower	Upper	
276	100		
138	23.2	19.1	28.7
227	0.1	0.2	0.4#

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





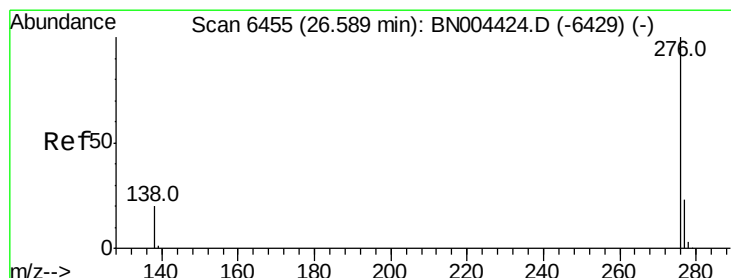
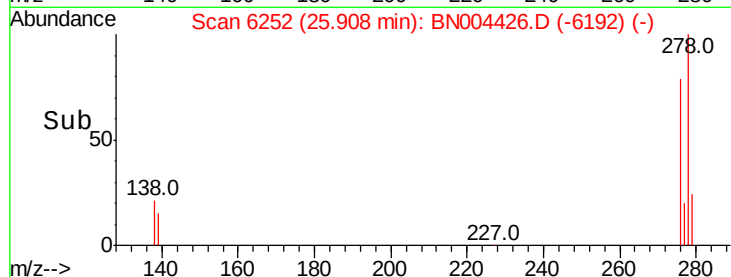
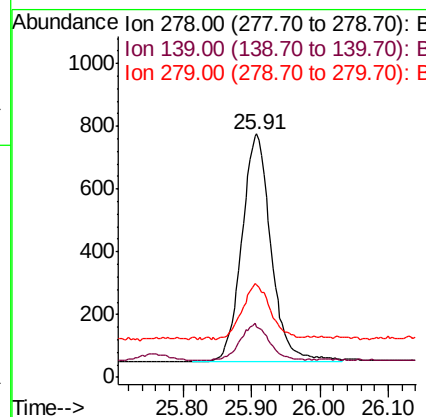
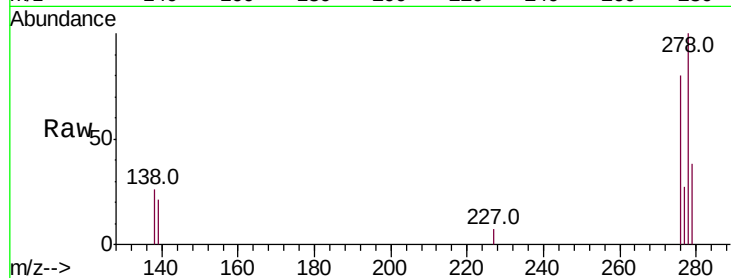
#25
Dibenzo(a,h)anthracene
Concen: 0.065 ng/ul
RT: 25.91 min Scan# 6252
Delta R.T. 0.00 min
Lab File: BN004426.D
Acq: 14 Feb 2019 18:37

Instrument :
BNA_N
ClientSampled :
MDL-S-01

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.7	13.8	20.6#
279	37.9	20.4	30.6#

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#26
Benzo(g,h,i)perylene
Concen: 0.069 ng/ul
RT: 26.59 min Scan# 6456
Delta R.T. -0.00 min
Lab File: BN004426.D
Acq: 14 Feb 2019 18:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.8	16.8	25.2#
277	29.0	19.4	29.0

