

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005867.D
 Acq On : 23 May 2019 01:13
 Operator : JU/SJ
 Sample : K2925-21
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42F5

Manual Integrations
 APPROVED

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 5/23/2019 3:31:12 PM

Quant Time: May 23 06:45:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	84316	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	372616	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	263613	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	708769	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	872394	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	1003140	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	4586m	3.04	ng/uL	0.00
5) Phenol-d5	6.76	99	70586	10.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	49222	14.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	67017	12.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	52381	9.40	ng/ul	0.01
19) Nitrobenzene-d5	8.72	128	34954	12.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	35355	11.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	71493m	11.99	ng/ul	0.02
29) 4-Chloroaniline-d4	10.50	131	45583m	6.89	ng/ul	0.03
43) Dimethylphthalate-d6	13.62	166	294653	14.53	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	338619	13.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	9958m	3.49	ng/ul	0.06
57) Fluorene-d10	15.20	176	264018	15.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	17709	4.16	ng/ul	0.02
70) Anthracene-d10	17.06	188	420027	13.72	ng/ul	0.00
78) Pyrene-d10	19.37	212	546732	12.72	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	602868	13.40	ng/ul	0.00

Target Compounds

					Ovalue
4) Benzaldehyde	6.74	77	7421m	1.573	ng/ul
44) Dimethylphthalate	13.67	163	68764	3.438	ng/ul 100
69) Phenanthrene	17.00	178	280223	7.976	ng/ul 99
71) Anthracene	17.10	178	52874m	1.478	ng/ul
76) Fluoranthene	19.04	202	459955	10.589	ng/ul# 88
79) Pyrene	19.40	202	409760	7.649	ng/ul# 86
82) Benzo(a)anthracene	21.17	228	234537	4.267	ng/ul 98
84) Chrysene	21.23	228	240469	4.641	ng/ul 99
87) Benzo(b)fluoranthene	22.75	252	317915	5.761	ng/ul# 94
88) Benzo(k)fluoranthene	22.78	252	93536m	1.752	ng/ul
90) Benzo(a)pyrene	23.30	252	198222m	3.709	ng/ul
91) Indeno(1,2,3-cd)pyrene	25.59	276	124726	1.909	ng/ul# 87
93) Benzo(g,h,i)perylene	26.26	276	102448	1.876	ng/ul# 90

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

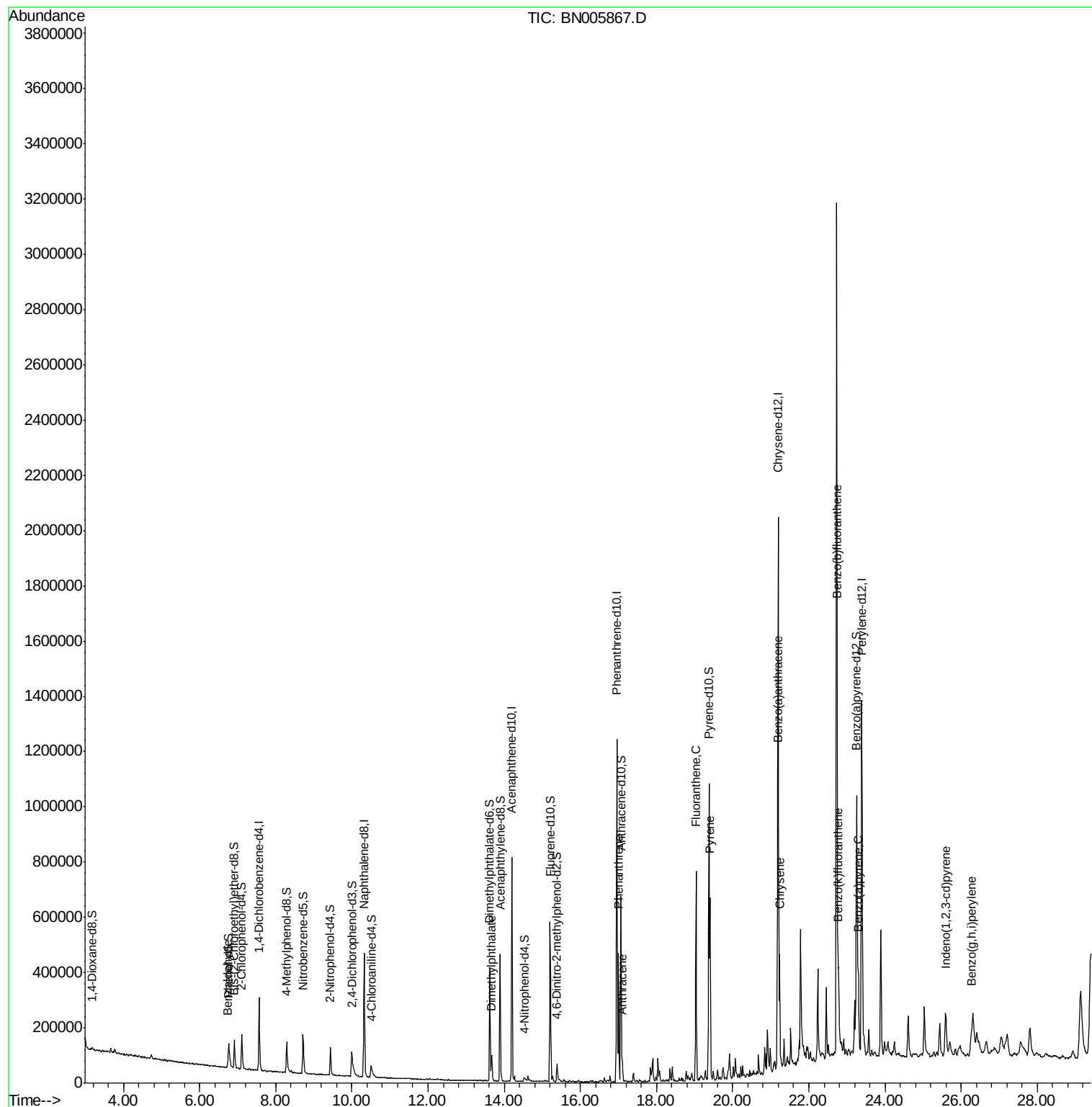
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
Data File : BN005867.D
Acq On : 23 May 2019 01:13
Operator : JU/SJ
Sample : K2925-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

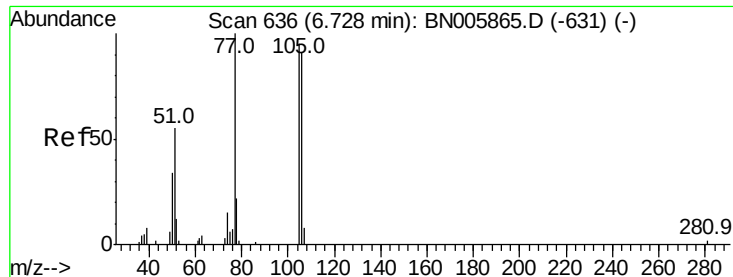
Instrument :
BNA_N
ClientSampleId :
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Quant Time: May 23 06:45:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.573 ng/ul m

RT: 6.74 min Scan# 638

Delta R.T. 0.01 min

Lab File: BN005867.D

Acq: 23 May 2019 01:13

Instrument :

BNA_N

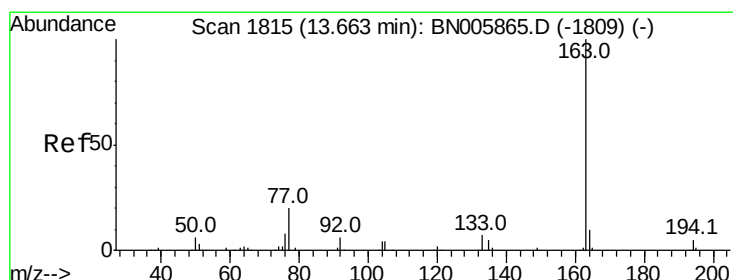
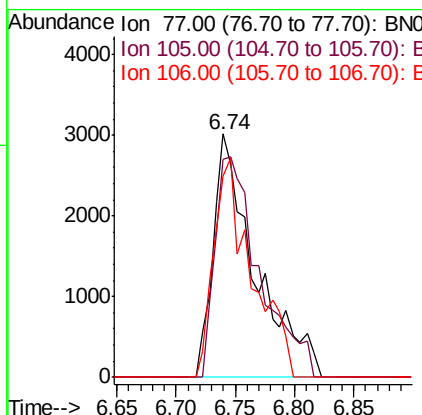
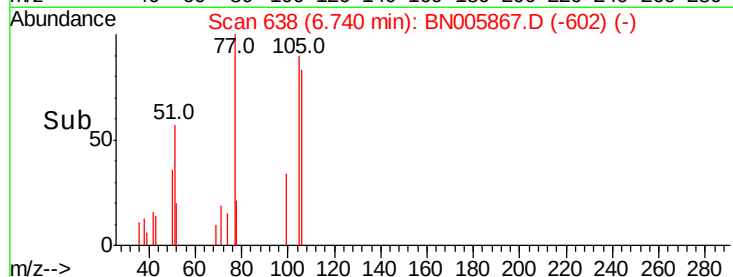
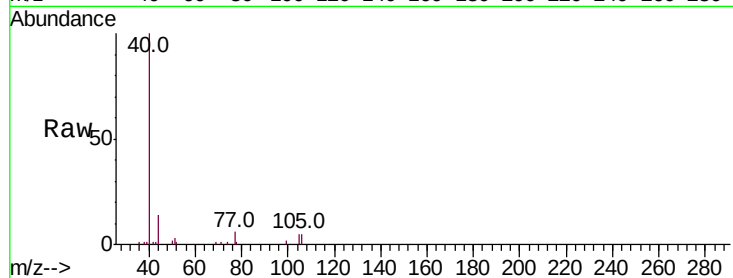
ClientSampleId :

A42F5

Tot Ion:	77	Resp:	7421
Ion	Ratio	Lower	Upper
77	100		
105	89.6	77.4	116.2
106	82.6	76.3	114.5

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#44

Dimethylphthalate

Concen: 3.438 ng/ul

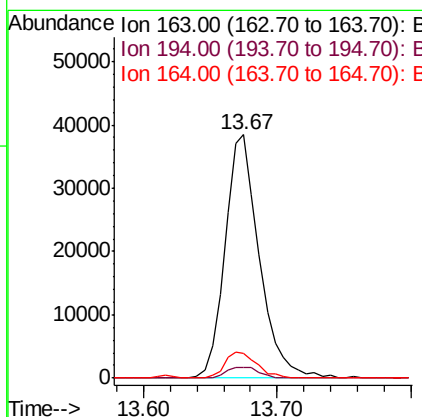
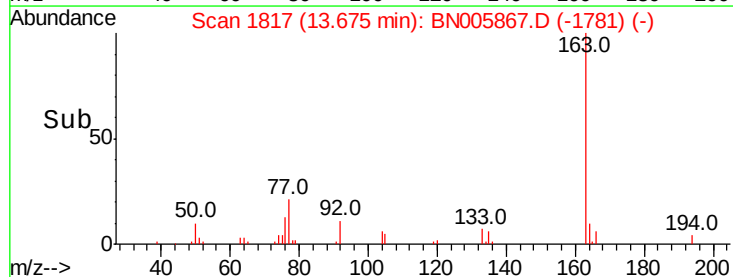
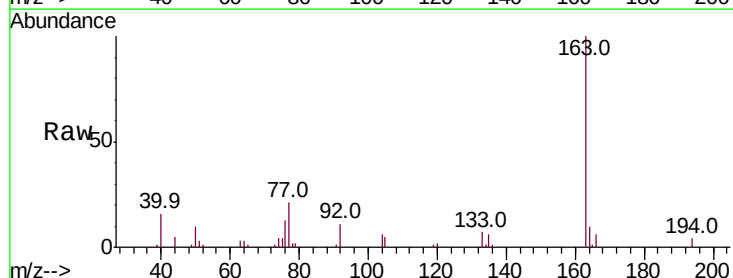
RT: 13.67 min Scan# 1817

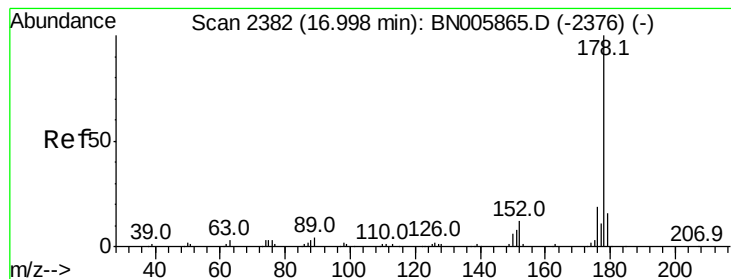
Delta R.T. 0.01 min

Lab File: BN005867.D

Acq: 23 May 2019 01:13

Tgt Ion:	163	Resp:	68764
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.3	8.1	12.1





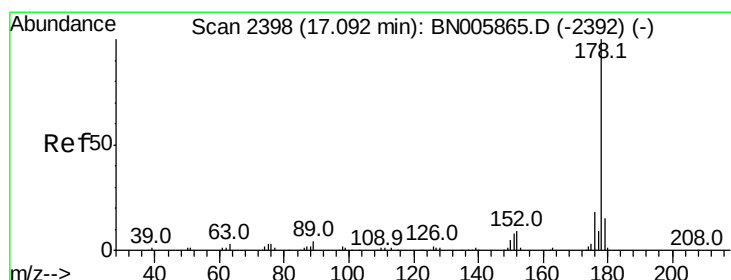
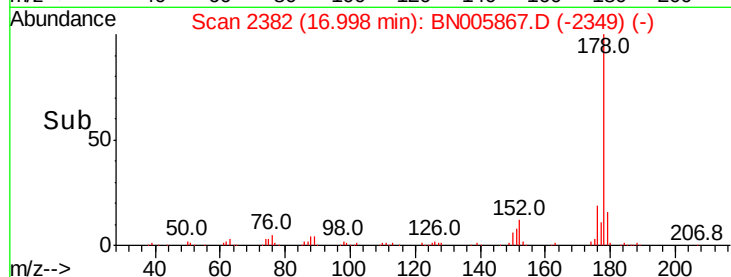
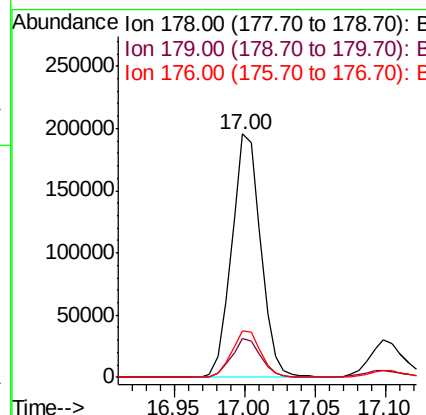
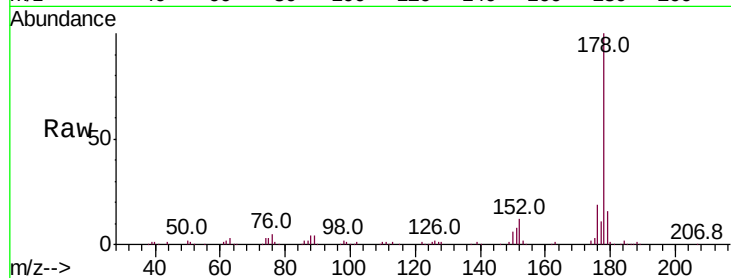
#69
Phenanthrene
Concen: 7.976 ng/ul
RT: 17.00 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BN005867.D
Acq: 23 May 2019 01:13

Instrument :
BNA_N
ClientSampled :
A42F5

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.4
176	19.4	15.1	22.7

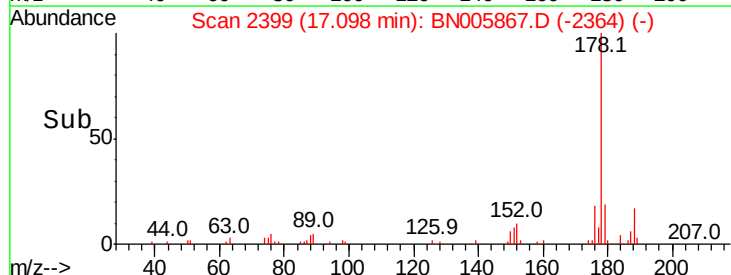
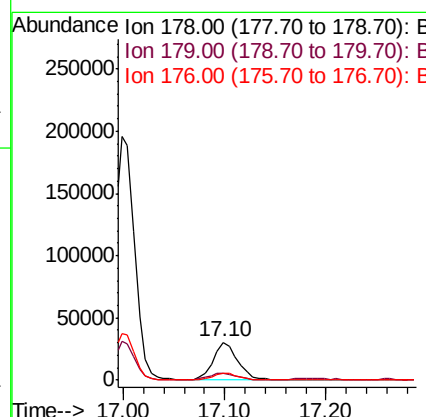
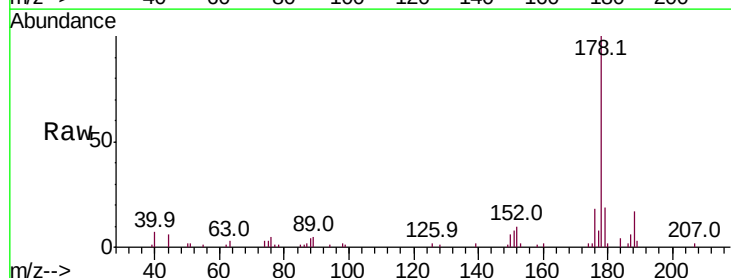
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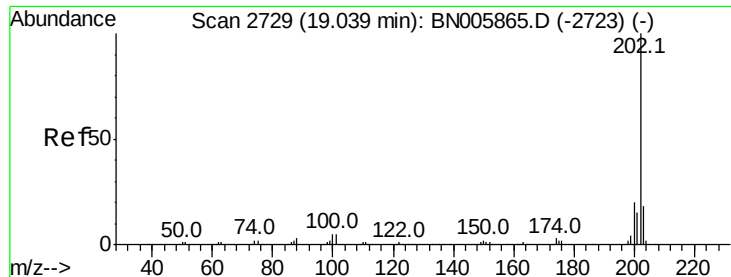
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#71
Anthracene
Concen: 1.478 ng/ul m
RT: 17.10 min Scan# 2399
Delta R.T. 0.01 min
Lab File: BN005867.D
Acq: 23 May 2019 01:13

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.8	12.3	18.5#
176	18.0	15.1	22.7





#76

Fluoranthene

Concen: 10.589 ng/ul

RT: 19.04 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BN005867.D

Acq: 23 May 2019 01:13

Instrument :

BNA_N

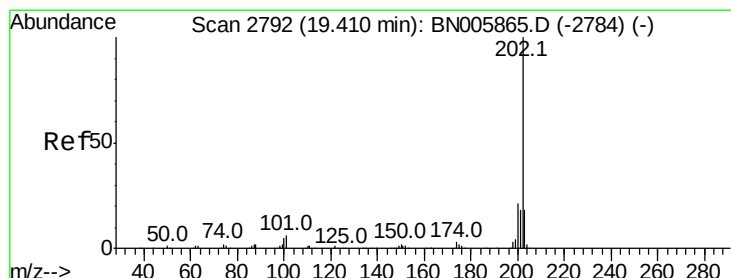
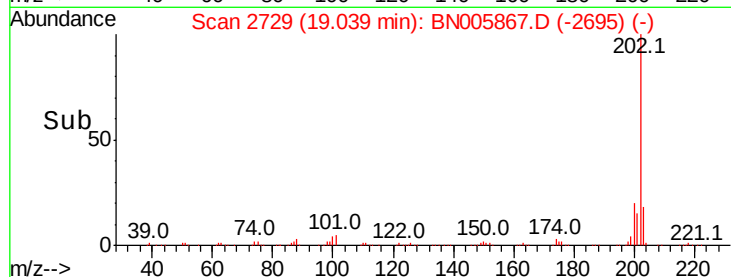
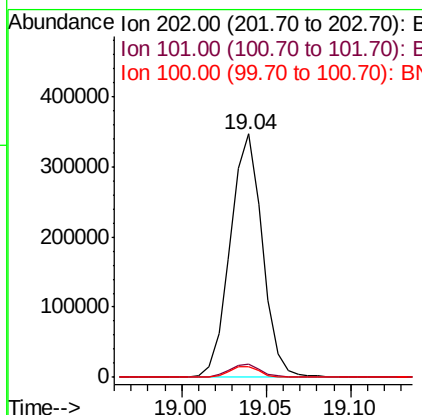
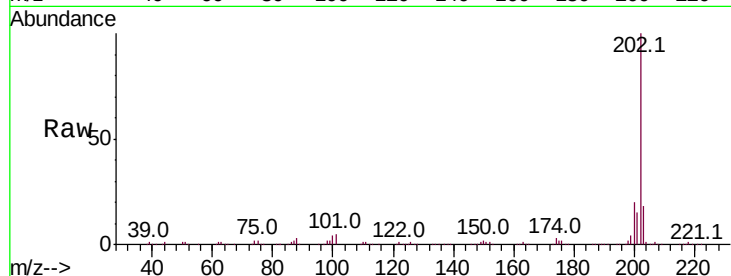
ClientSampleId :

A42F5

Tot Ion:	202	Resp:	459955
Ion Ratio	Lower	Upper	
202	100		
101	5.3	8.6	12.8#
100	4.4	6.3	9.5#

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#79

Pyrene

Concen: 7.649 ng/ul

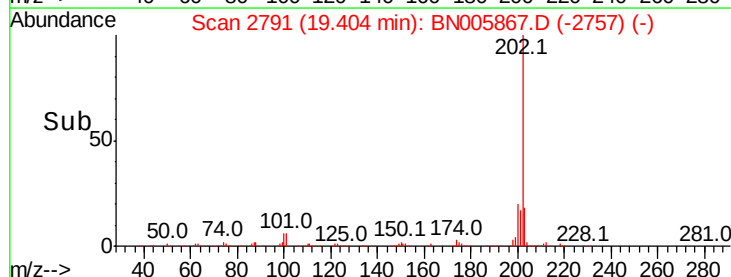
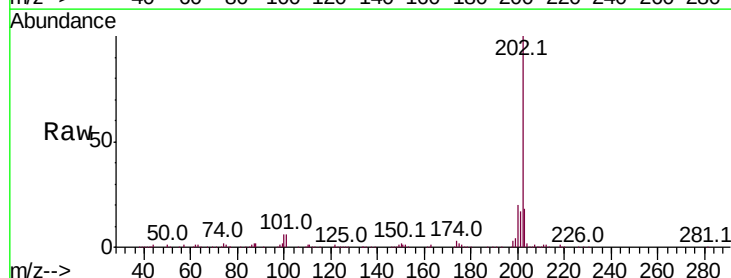
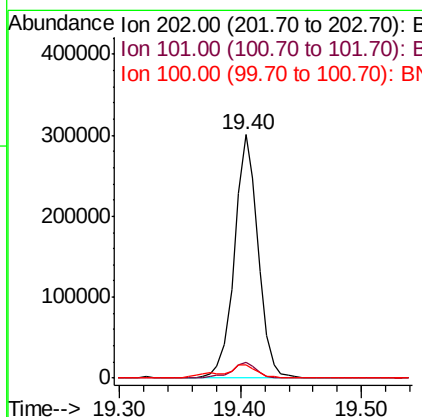
RT: 19.40 min Scan# 2791

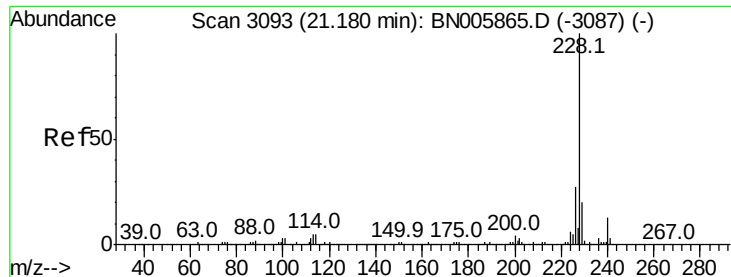
Delta R.T. 0.00 min

Lab File: BN005867.D

Acq: 23 May 2019 01:13

Tgt Ion:	202	Resp:	409760
Ion Ratio	Lower	Upper	
202	100		
101	6.4	10.3	15.5#
100	5.5	7.9	11.9#





#82

Benzo(a)anthracene

Concen: 4.267 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BN005867.D

Acq: 23 May 2019 01:13

Instrument :

BNA_N

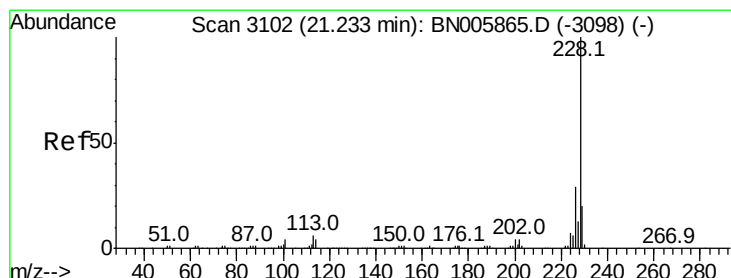
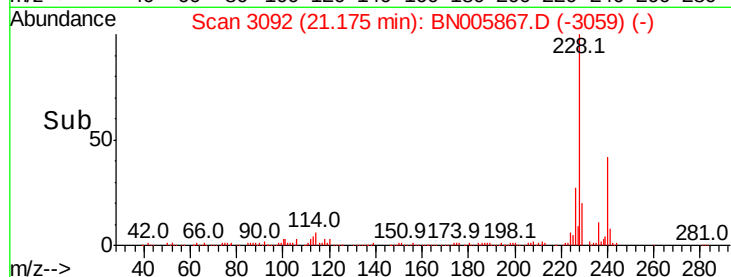
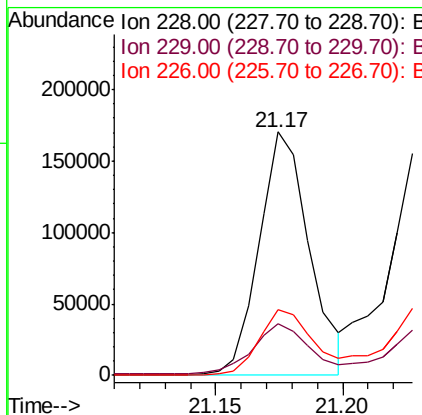
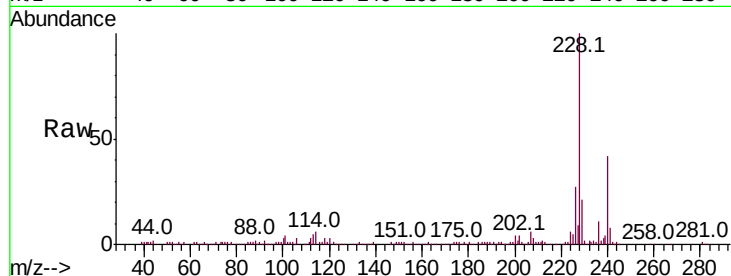
ClientSampleId :

A42F5

Tot Ion:	228	Resp:	234537
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.8	23.6
226	27.2	21.4	32.2

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#84

Chrysene

Concen: 4.641 ng/ul

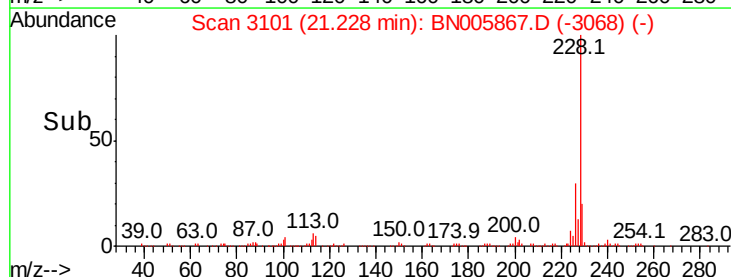
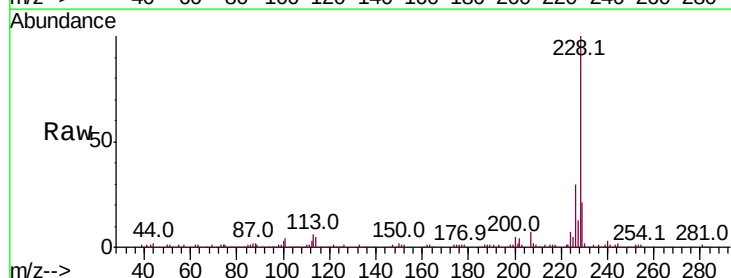
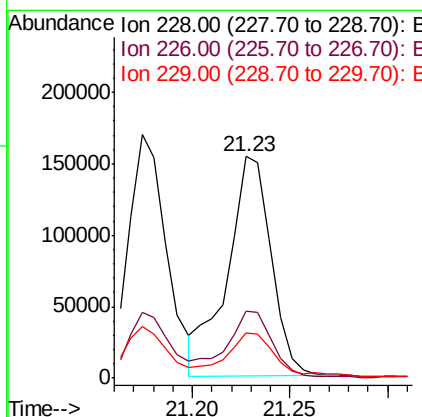
RT: 21.23 min Scan# 3101

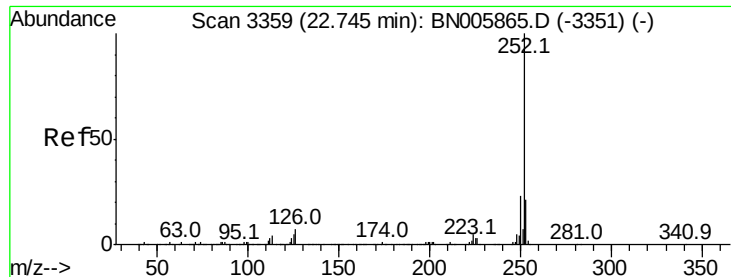
Delta R.T. -0.01 min

Lab File: BN005867.D

Acq: 23 May 2019 01:13

Tgt Ion:	228	Resp:	240469
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.0	36.0
229	20.5	15.4	23.0





#87

Benzo(b)fluoranthene

Concen: 5.761 ng/ul

RT: 22.75 min Scan# 3359

Delta R.T. 0.01 min

Lab File: BN005867.D

Acq: 23 May 2019 01:13

Instrument :

BNA_N

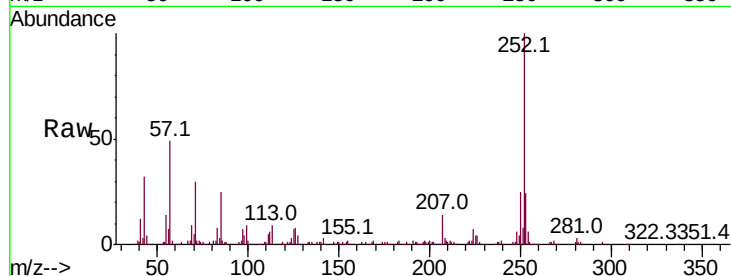
ClientSampleId :

A42F5

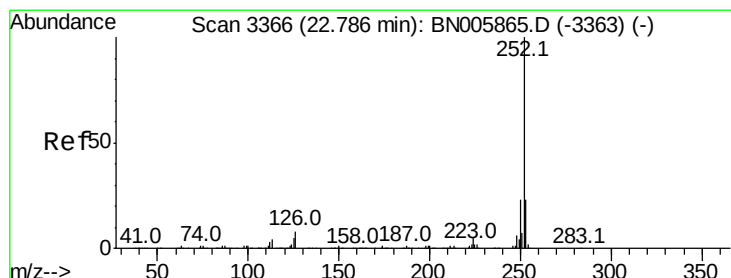
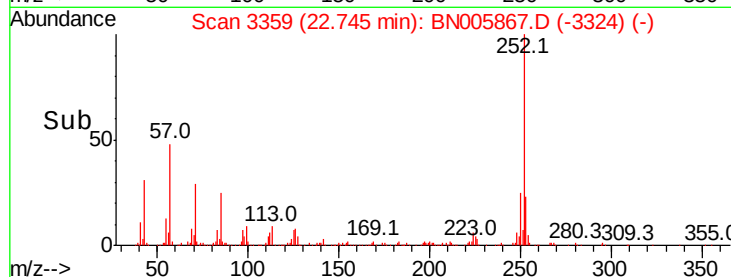
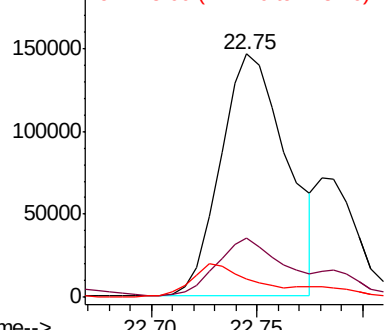
Tot Ion:	252	Resp:	317915
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.7	26.5
125	7.4	8.4	12.6#

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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



#88

Benzo(k)fluoranthene

Concen: 1.752 ng/ul m

RT: 22.78 min Scan# 3365

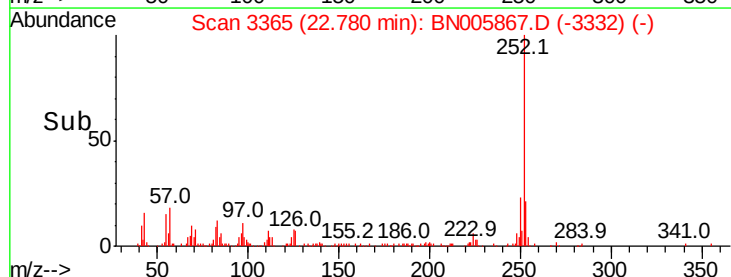
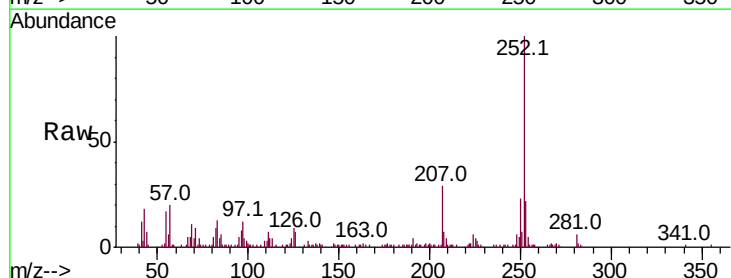
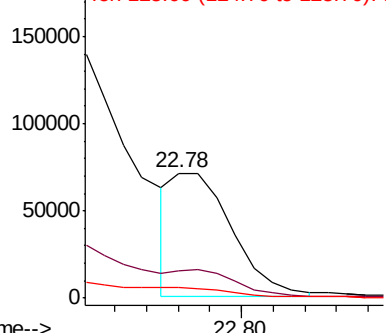
Delta R.T. -0.01 min

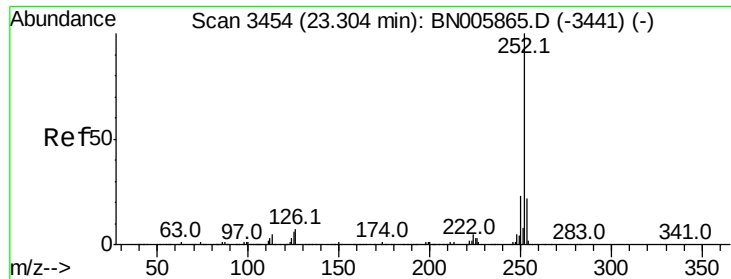
Lab File: BN005867.D

Acq: 23 May 2019 01:13

Tgt Ion:	252	Resp:	93536
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.0
125	8.8	7.5	11.3

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





#90

Benzo(a)pyrene

Concen: 3.709 ng/ul m

RT: 23.30 min Scan# 3453

Delta R.T. 0.00 min

Lab File: BN005867.D

Acq: 23 May 2019 01:13

Instrument :

BNA_N

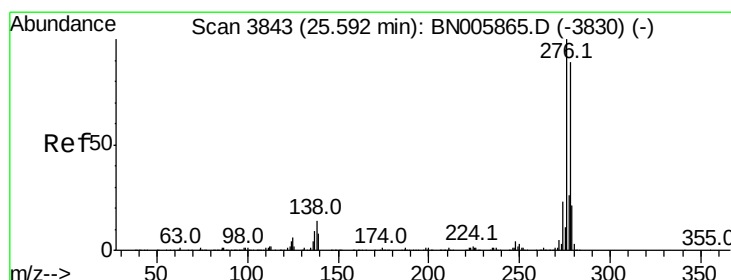
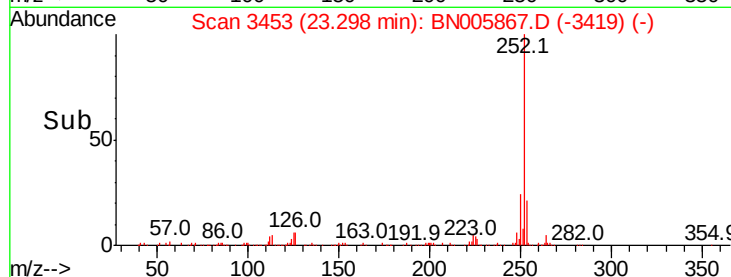
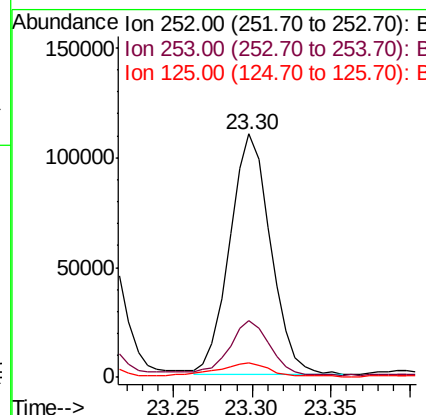
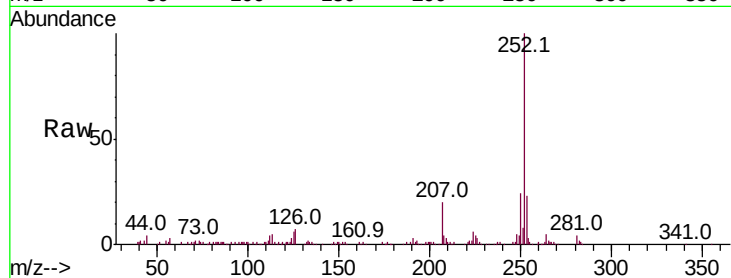
ClientSampled :

A42F5

Tot Ion:	252	Resp:	198222
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.3	25.9
125	6.1	8.6	13.0#

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#91

Indeno(1,2,3-cd)pyrene

Concen: 1.909 ng/ul

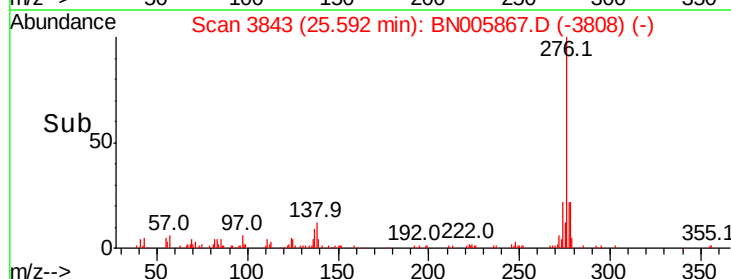
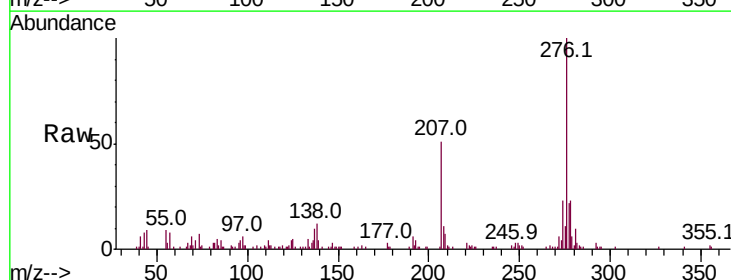
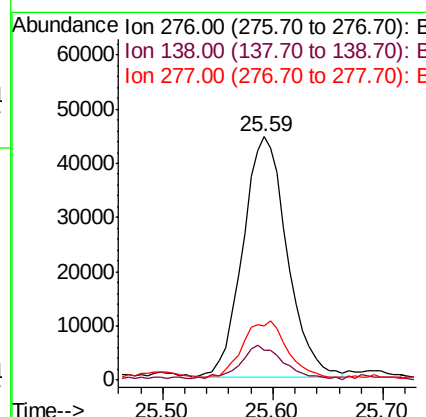
RT: 25.59 min Scan# 3843

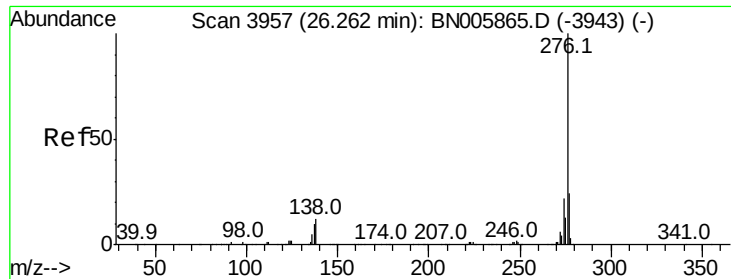
Delta R.T. 0.01 min

Lab File: BN005867.D

Acq: 23 May 2019 01:13

Tgt Ion:	276	Resp:	124726
Ion Ratio	Lower	Upper	
276	100		
138	12.1	17.9	26.9#
277	22.3	19.7	29.5





#93

Benzo(a,h,i)perylene

Concen: 1.876 ng/ul

RT: 26.26 min Scan# 3957

Delta R.T. 0.01 min

Lab File: BN005867.D

Acq: 23 May 2019 01:13

Instrument :

BNA_N

ClientSampleId :

A42F5

Tot Ion:	276	Resp:	102448
Ion Ratio	Lower	Upper	
276	100		
138	13.3	16.7	25.1#
277	24.9	18.2	27.2

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