

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
 Data File : BN005580.D
 Acq On : 09 May 2019 23:27
 Operator : JU/SJ
 Sample : K2603-08MEDL 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ60MEDL

Manual Integrations
 APPROVED

Sohil
 5/10/2019 1:19:44 PM

Quant Time: May 10 03:40:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 07 05:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	373500	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1582218	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	928918	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1893227	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1191315	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1304634	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	3355	0.43	ng/uL	0.00
5) Phenol-d5	6.78	99	63399	2.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	43233	2.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	57762	2.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	50282	2.19	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	30343	3.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	27996	2.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	54997	2.43	ng/ul	0.02
29) 4-Chloroaniline-d4	10.50	131	66216	2.84	ng/ul	0.01
43) Dimethylphthalate-d6	13.64	166	200116	2.97	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	232027	2.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	13211m	1.24	ng/ul	0.04
57) Fluorene-d10	15.22	176	166679	2.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	1280m	0.15	ng/ul	0.02
70) Anthracene-d10	17.08	188	247477	3.12	ng/ul	0.00
78) Pyrene-d10	19.39	212	205383	3.37	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	153907	2.70	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.40	128	3279024	44.579	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	727826	13.514	ng/ul	99
40) 1,1'-Biphenyl	13.05	154	137735	1.990	ng/ul	97
47) Acenaphthylene	13.95	152	578471	7.107	ng/ul	99
58) Fluorene	15.28	166	309983	4.966	ng/ul	99
69) Phenanthrene	17.03	178	1357510	14.723	ng/ul	100
71) Anthracene	17.12	178	319475	3.401	ng/ul	99
76) Fluoranthene	19.06	202	478257	4.676	ng/ul	96
79) Pvrene	19.43	202	602492	7.855	ng/ul#	92
82) Benzo(a)anthracene	21.20	228	177756	2.398	ng/ul	93
84) Chrysene	21.25	228	145767	2.119	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	113805	1.552	ng/ul#	93
90) Benzo(a)pyrene	23.33	252	122942	1.783	ng/ul	94

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

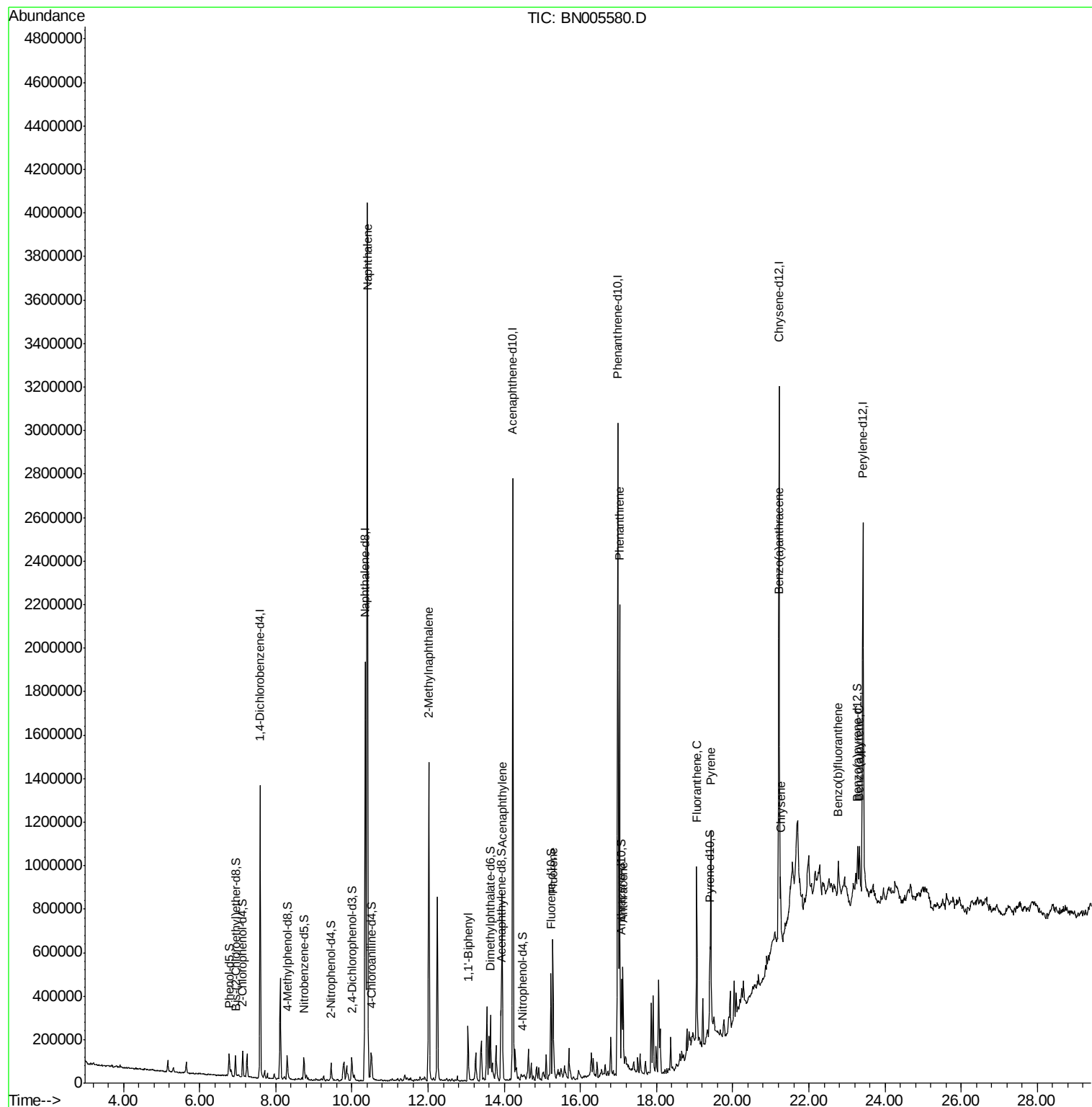
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005580.D
Acq On : 09 May 2019 23:27
Operator : JU/SJ
Sample : K2603-08MEDL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

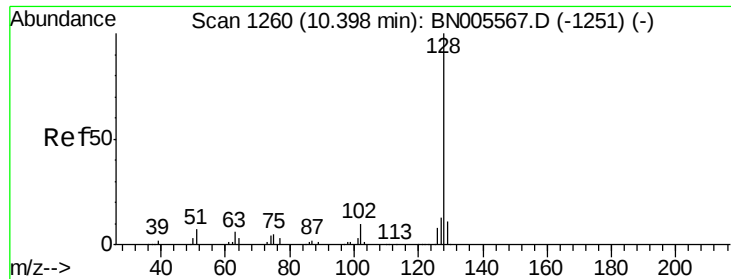
Instrument :
BNA_N
ClientSampleId :
GAJ60MEDL

Manual Integrations
APPROVED

Sohil
5/10/2019 1:19:44 PM

Quant Time: May 10 03:40:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration





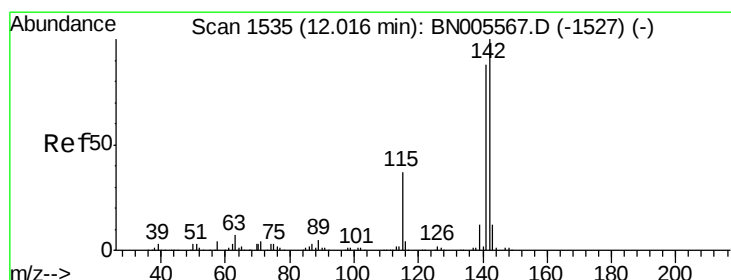
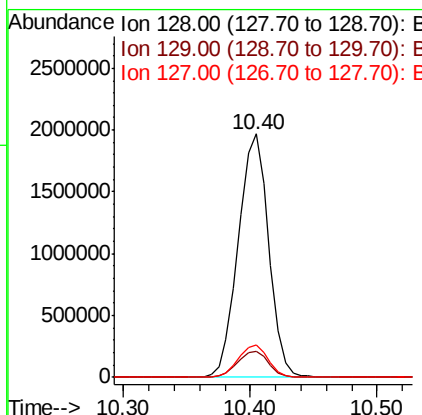
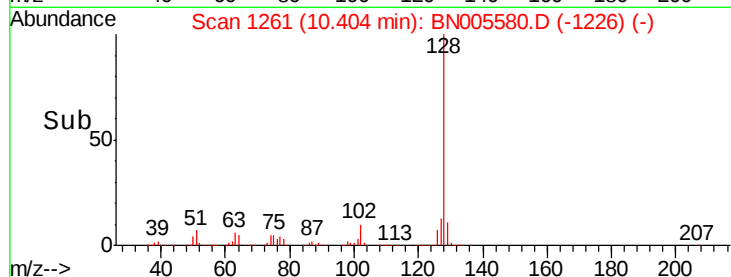
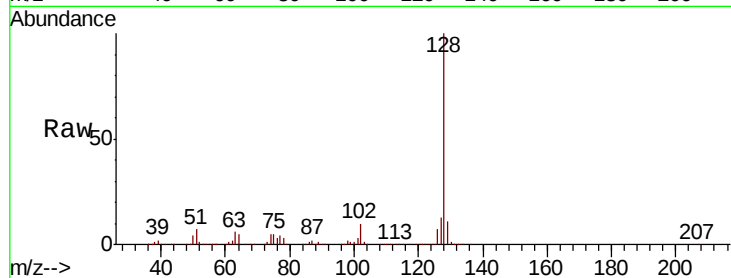
#28
Naphthalene
Concen: 44.579 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BN005580.D
Acq: 09 May 2019 23:27

Instrument :
BNA_N
ClientSampled :
GAJ60MEDL

Tot Ion:128 Resp: 3279024
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 13.4 10.7 16.1

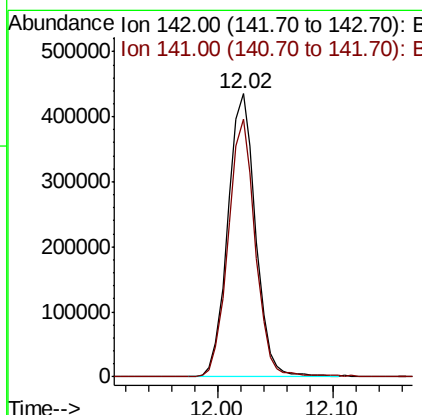
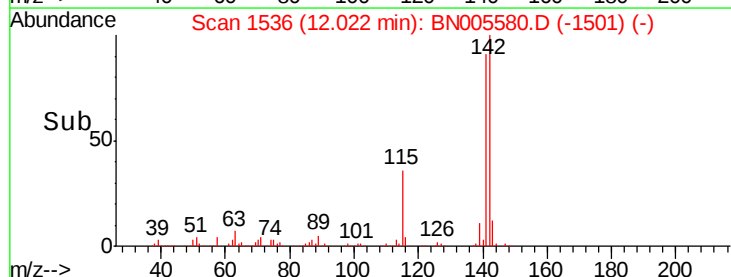
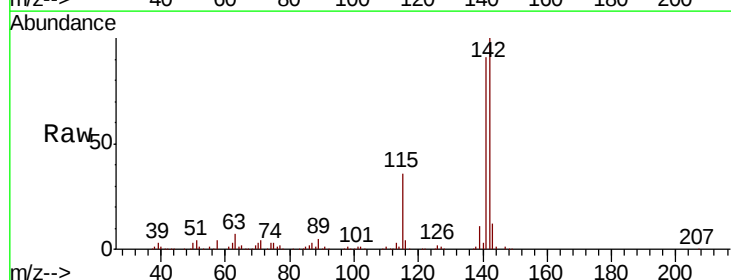
Manual Integrations
APPROVED

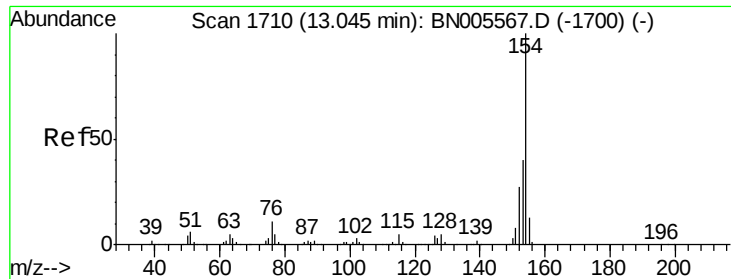
Sohil
5/10/2019 1:19:44 PM



#34
2-Methylnaphthalene
Concen: 13.514 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BN005580.D
Acq: 09 May 2019 23:27

Tgt Ion:142 Resp: 727826
Ion Ratio Lower Upper
142 100
141 90.9 72.0 108.0





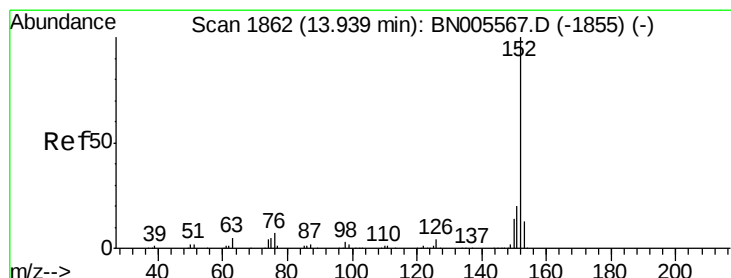
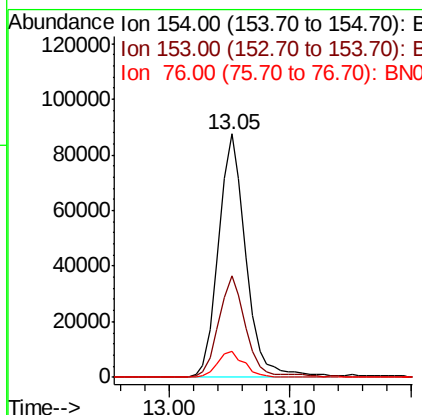
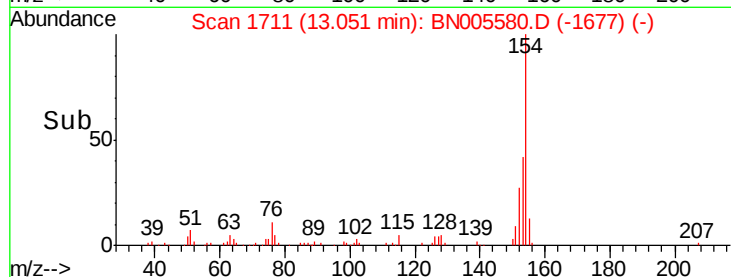
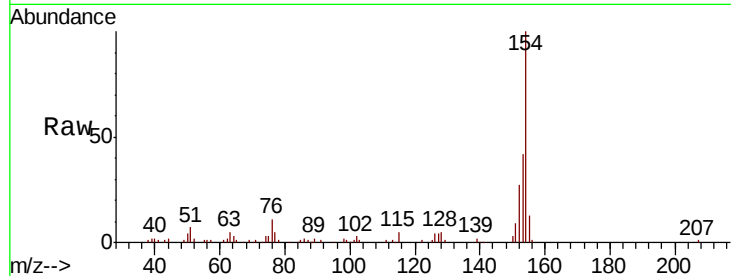
#40
 1,1'-Biphenyl
 Concen: 1.990 ng/ul
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BN005580.D
 Acq: 09 May 2019 23:27

Instrument :
 BNA_N
 ClientSampleId :
 GAJ60MEDL

Tot Ion:	154	Resp:	137735
Ion Ratio	Lower	Upper	
154	100		
153	41.8	32.6	49.0
76	10.5	10.4	15.6

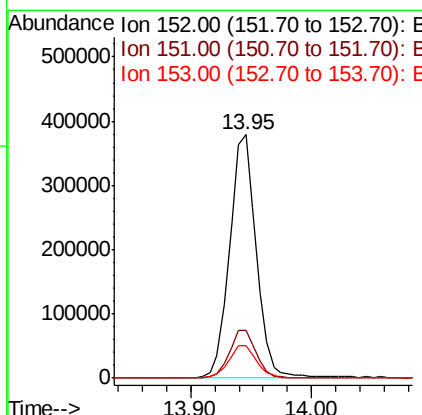
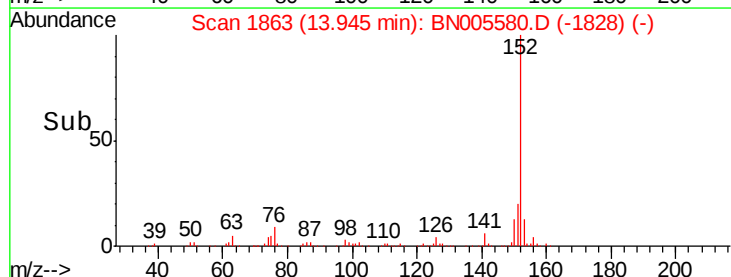
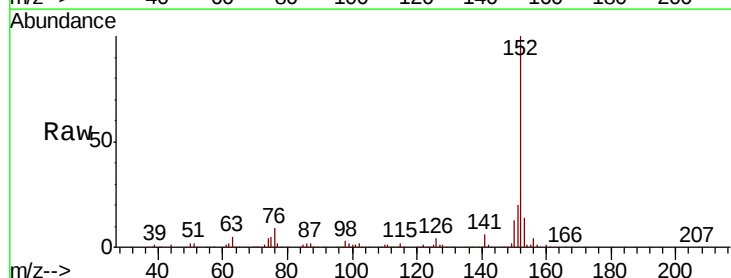
Manual Integrations
 APPROVED

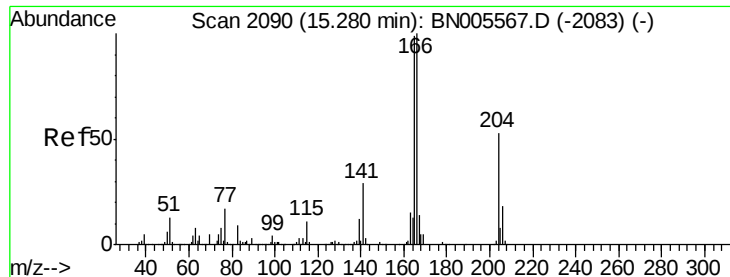
Sohil
 5/10/2019 1:19:44 PM



#47
 Acenaphthylene
 Concen: 7.107 ng/ul
 RT: 13.95 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: BN005580.D
 Acq: 09 May 2019 23:27

Tgt Ion:	152	Resp:	578471
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.8	23.8
153	13.5	9.8	14.8





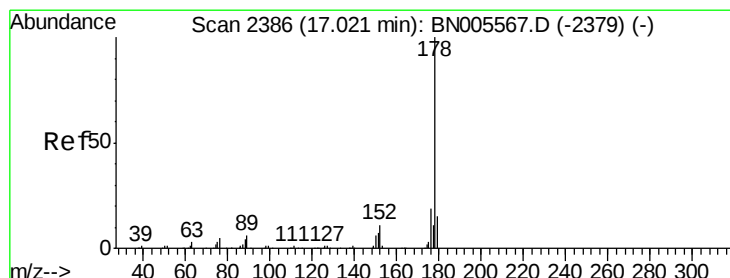
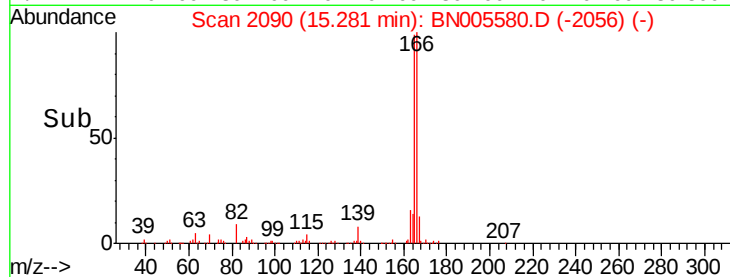
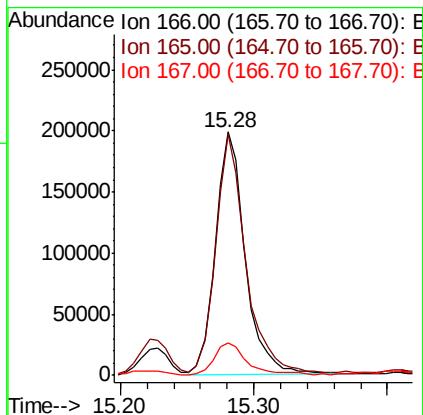
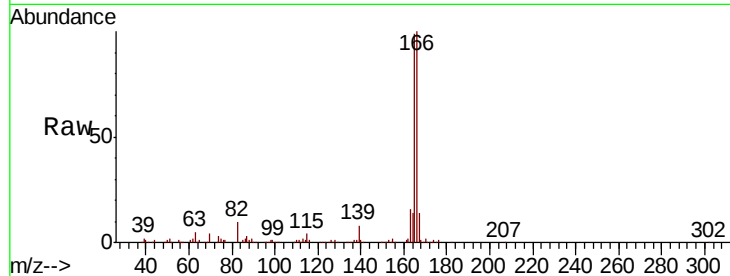
#58
Fluorene
 Concen: 4.966 ng/ul
 RT: 15.28 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: BN005580.D
 Acq: 09 May 2019 23:27

Instrument :
 BNA_N
 ClientSampleId :
 GAJ60MEDL

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.0	120.0
167	13.6	10.7	16.1

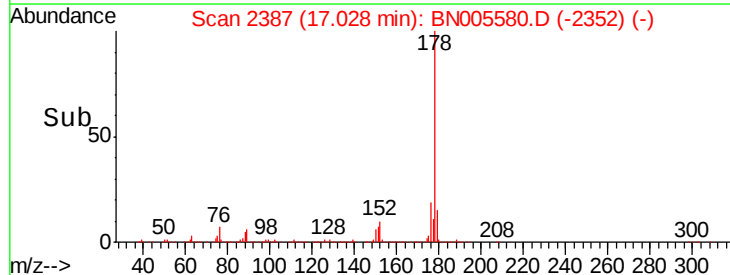
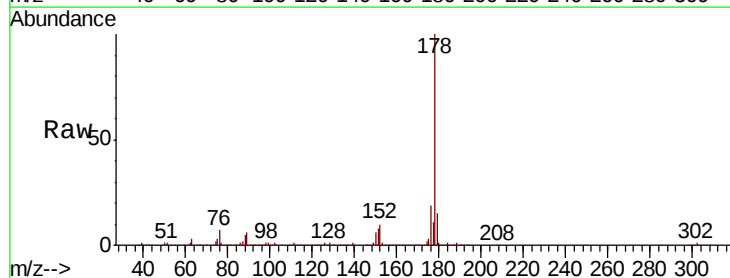
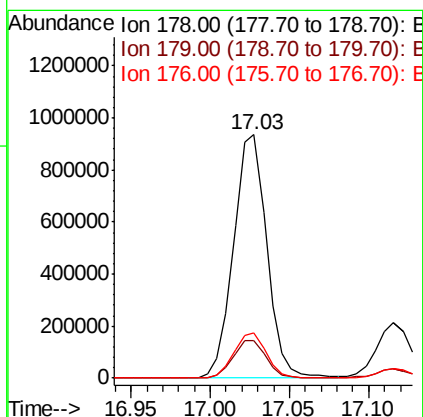
Manual Integrations
 APPROVED

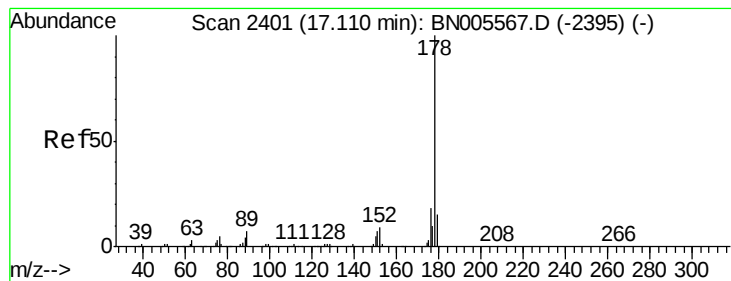
Sohil
 5/10/2019 1:19:44 PM



#69
Phenanthrene
 Concen: 14.723 ng/ul
 RT: 17.03 min Scan# 2387
 Delta R.T. 0.01 min
 Lab File: BN005580.D
 Acq: 09 May 2019 23:27

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	18.7	15.1	22.7





#71

Anthracene

Concen: 3.401 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. 0.01 min

Lab File: BN005580.D

Acq: 09 May 2019 23:27

Instrument :

BNA_N

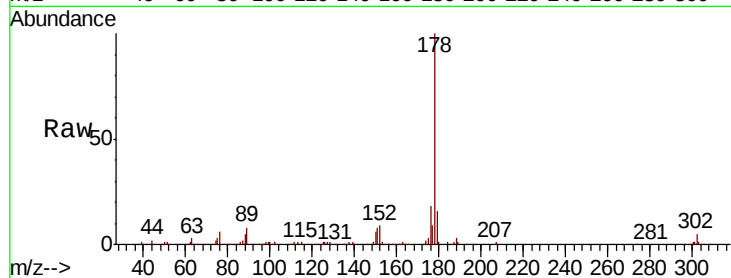
ClientSampleId :

GAJ60MEDL

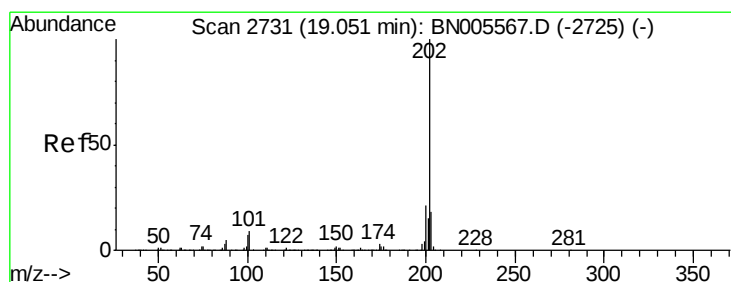
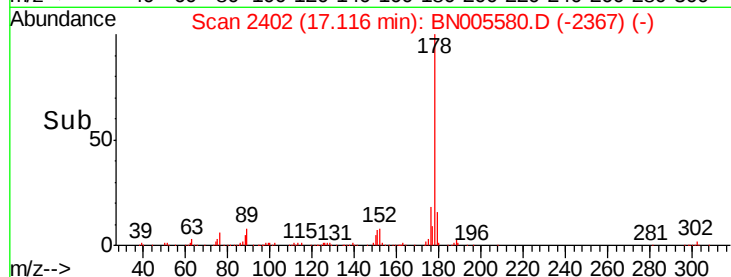
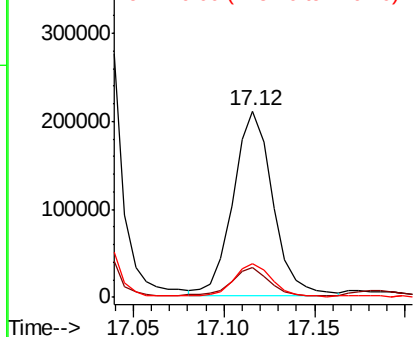
Tot Ion:	178	Resp:	319475
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.3	18.5
176	18.2	15.1	22.7

Manual Integrations
APPROVED

Sohil
5/10/2019 1:19:44 PM



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



#76

Fluoranthene

Concen: 4.676 ng/ul

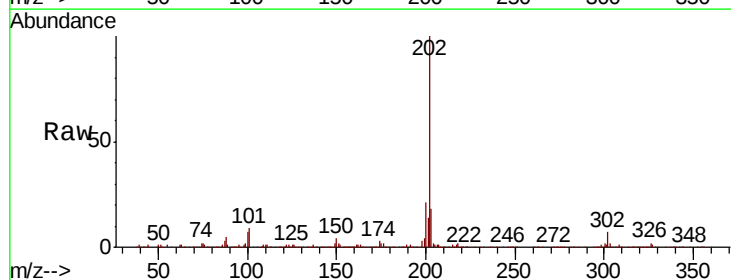
RT: 19.06 min Scan# 2732

Delta R.T. -0.00 min

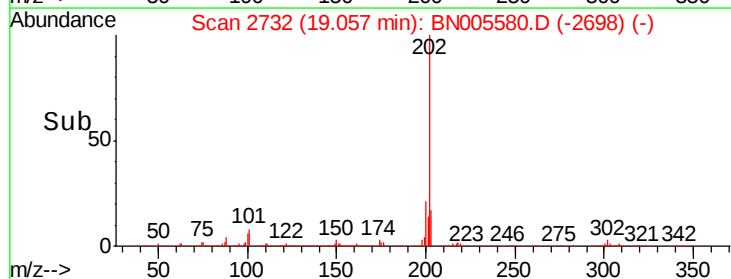
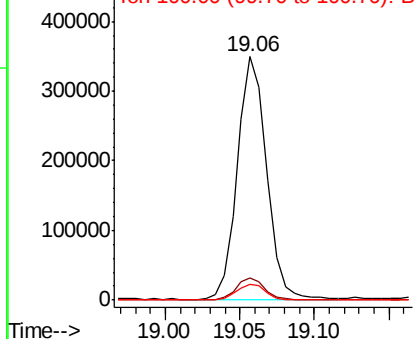
Lab File: BN005580.D

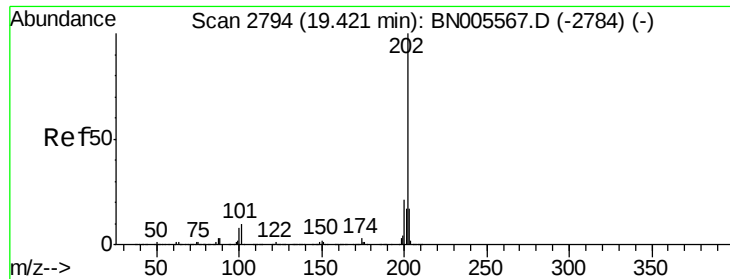
Acq: 09 May 2019 23:27

Tgt Ion:	202	Resp:	478257
Ion Ratio	Lower	Upper	
202	100		
101	9.2	8.6	12.8
100	6.7	6.3	9.5



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





#79

Pvrene

Concen: 7.855 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. 0.01 min

Lab File: BN005580.D

Acq: 09 May 2019 23:27

Instrument :

BNA_N

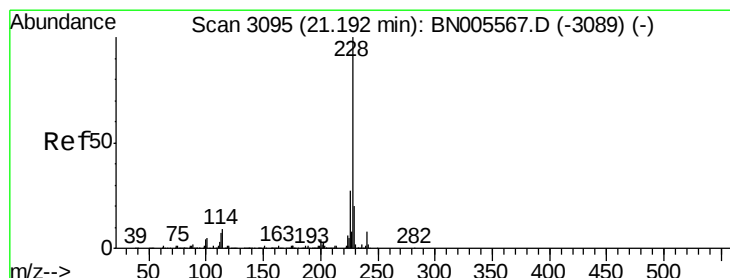
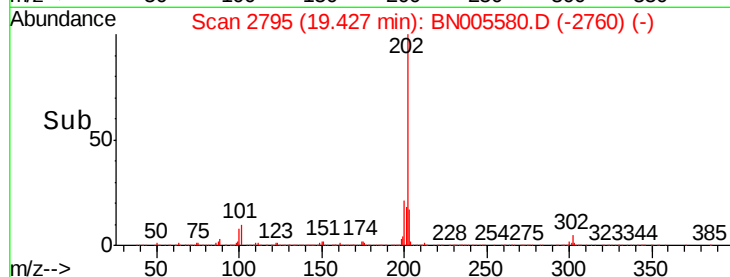
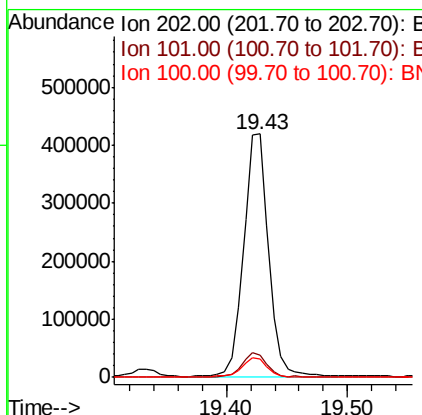
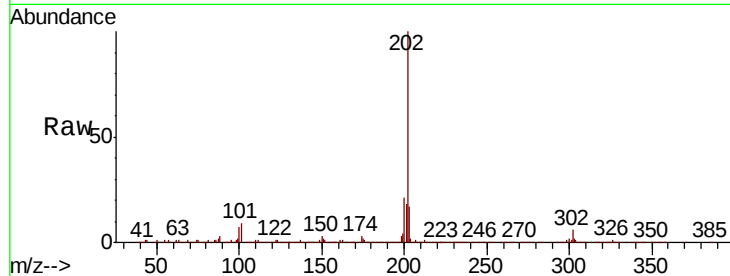
ClientSampled :

GAJ60MEDL

Tot Ion:	202	Resp:	602492
Ion Ratio	Lower	Upper	
202	100		
101	9.1	10.3	15.5#
100	7.5	7.9	11.9#

Manual Integrations
APPROVED

Sohil
5/10/2019 1:19:44 PM



#82

Benzo(a)anthracene

Concen: 2.398 ng/ul

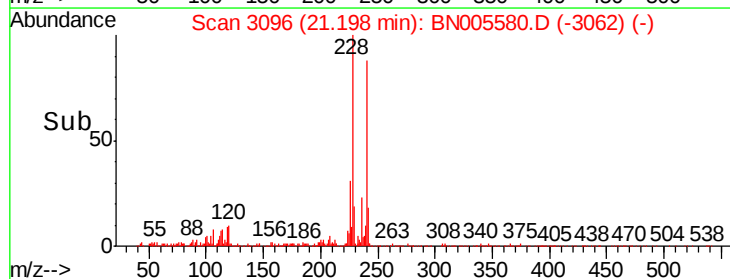
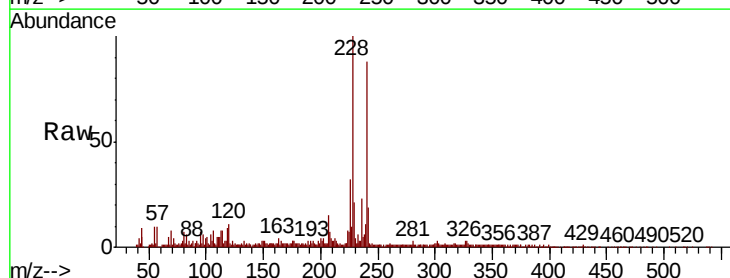
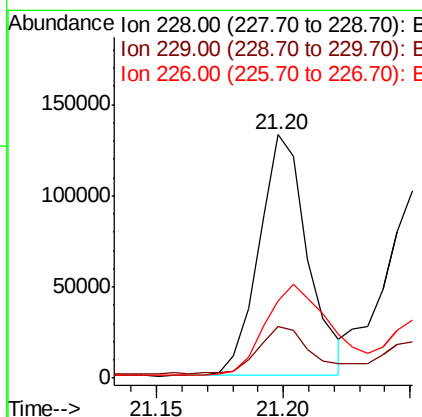
RT: 21.20 min Scan# 3096

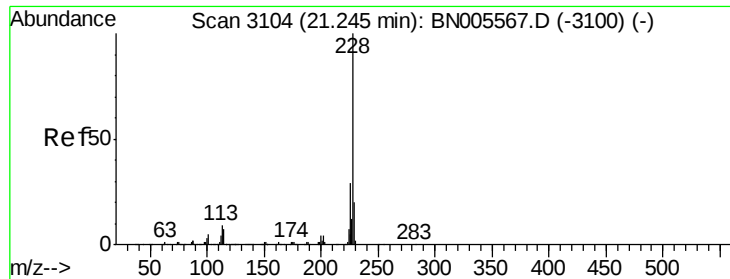
Delta R.T. -0.00 min

Lab File: BN005580.D

Acq: 09 May 2019 23:27

Tgt Ion:	228	Resp:	177756
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.8	23.6
226	31.9	21.4	32.2





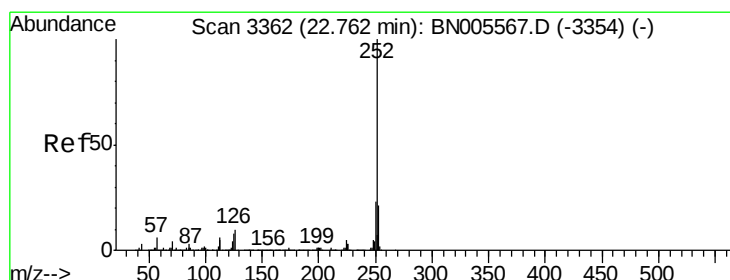
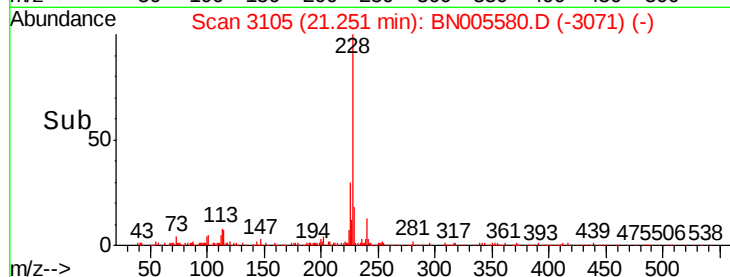
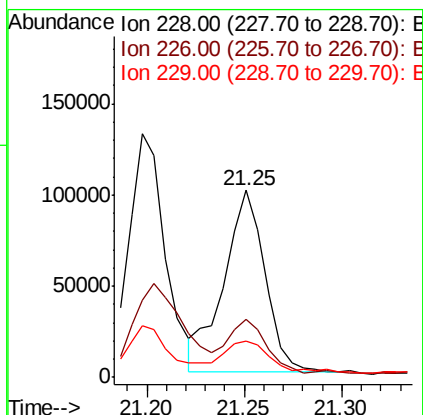
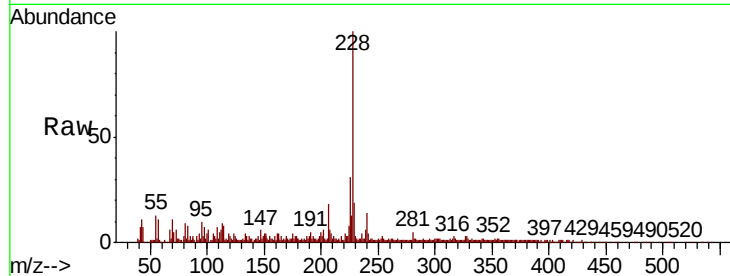
#84
Chrysene
Concen: 2.119 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN005580.D
Acq: 09 May 2019 23:27

Instrument :
BNA_N
ClientSampleId :
GAJ60MEDL

Tot Ion:	228	Resp:	145767
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.0	36.0
229	19.5	15.4	23.0

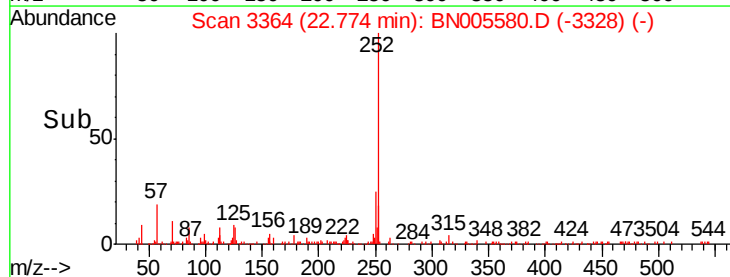
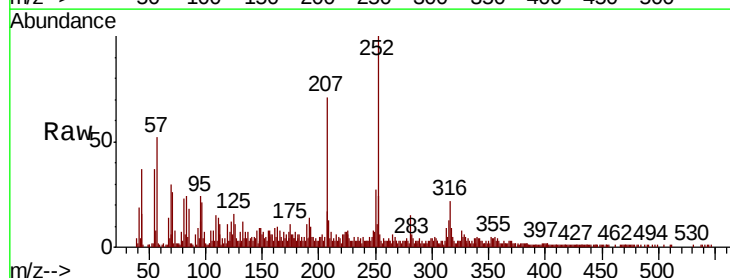
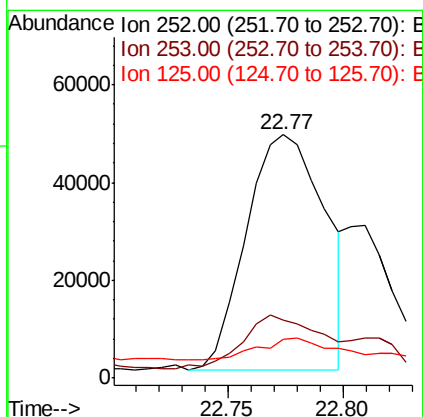
Manual Integrations
APPROVED

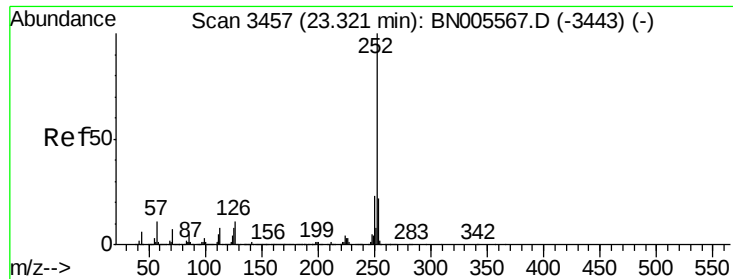
Sohil
5/10/2019 1:19:44 PM



#87
Benzo(b)fluoranthene
Concen: 1.552 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BN005580.D
Acq: 09 May 2019 23:27

Tgt Ion:	252	Resp:	113805
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.7	26.5
125	16.0	8.4	12.6#





#90

Benzo(a)pyrene

Concen: 1.783 ng/ul

RT: 23.33 min Scan# 3458

Delta R.T. -0.00 min

Lab File: BN005580.D

Acq: 09 May 2019 23:27

Instrument :

BNA_N

ClientSampleId :

GAJ60MEDL

Tot Ion:	252	Resp:	122942
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.3	25.9
125	12.0	8.6	13.0

Manual Integrations
APPROVED

Sohil
5/10/2019 1:19:44 PM

