

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051119\
 Data File : BN005625.D
 Acq On : 11 May 2019 14:16
 Operator : JU/SJ
 Sample : K2603-17MEDL 30X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ69MEDL

Manual Integrations
 APPROVED

mohammad
 5/13/2019 8:50:11 AM

Quant Time: May 11 23:59:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 11 23:17:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	220624	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	958951	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	584803	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	1260780	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	909480	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	914363	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	393	0.09	ng/uL	0.00
5) Phenol-d5	6.79	99	10781m	0.62	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.93	67	6704	0.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	9636	0.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	6721	0.50	ng/ul	0.02
19) Nitrobenzene-d5	8.74	128	4881	0.83	ng/ul	0.02
22) 2-Nitrophenol-d4	9.46	143	4913	0.82	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.02	165	7692	0.56	ng/ul	0.04
29) 4-Chloroaniline-d4	10.52	131	6665	0.47	ng/ul	0.03
43) Dimethylphthalate-d6	13.64	166	39083	0.92	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	46124	0.88	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.22	176	35877	1.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.07	188	53595	1.01	ng/ul	0.00
78) Pyrene-d10	19.39	212	48031	1.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	35063	0.88	ng/ul	0.00

Target Compounds

					Qvalue	
28) Naphthalene	10.39	128	902882	20.253	ng/ul	99
34) 2-Methylnaphthalene	12.01	142	460823	14.117	ng/ul	100
40) 1,1'-Biphenyl	13.05	154	47736	1.096	ng/ul#	93
47) Acenaphthylene	13.93	152	213721	4.171	ng/ul	97
58) Fluorene	15.27	166	123658	3.146	ng/ul	98
69) Phenanthrene	17.02	178	550747	8.970	ng/ul	99
71) Anthracene	17.11	178	112160	1.793	ng/ul	97
76) Fluoranthene	19.05	202	146442	2.150	ng/ul#	95
79) Pyrene	19.42	202	192557	3.288	ng/ul#	93

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

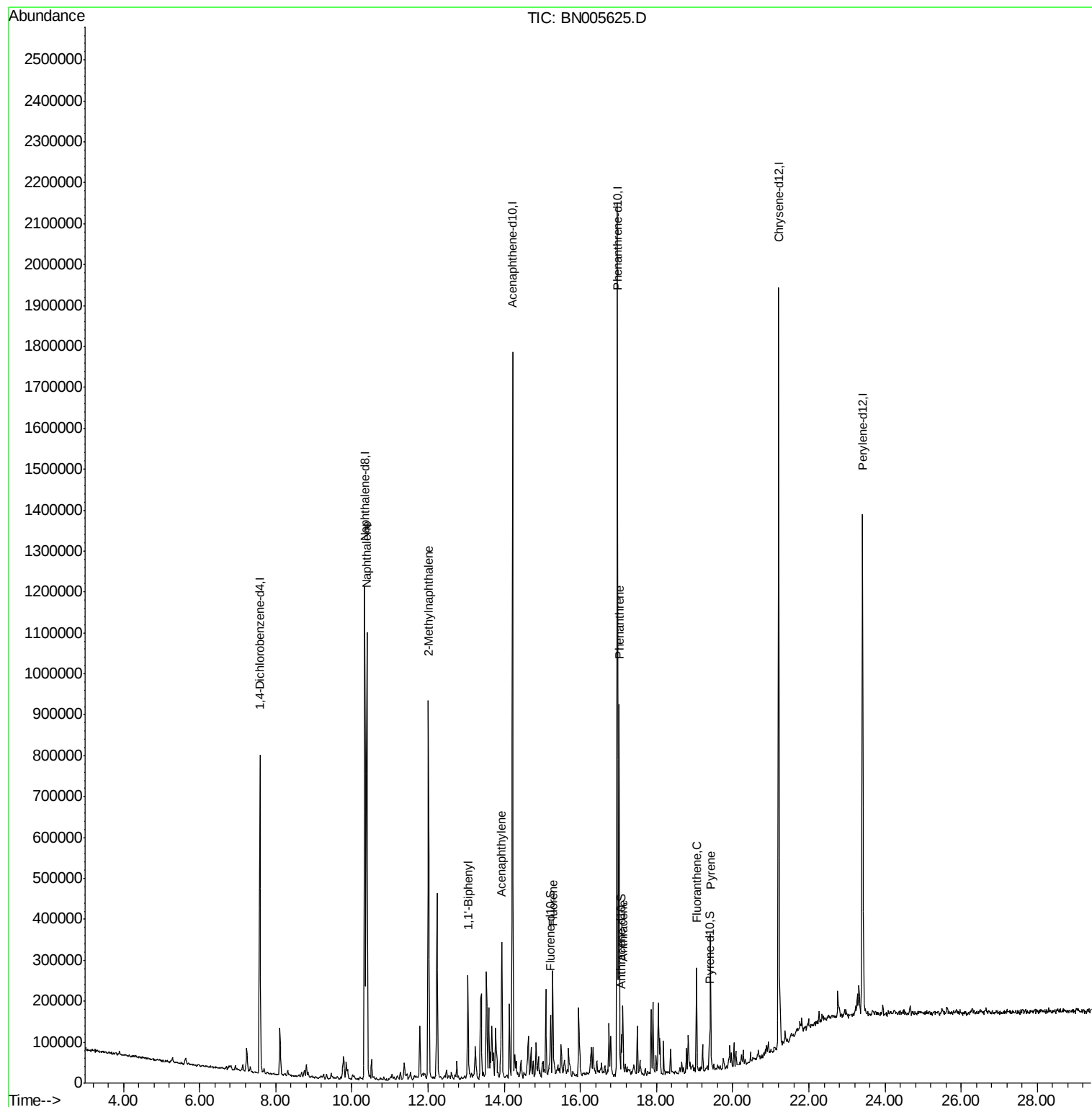
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051119\
Data File : BN005625.D
Acq On : 11 May 2019 14:16
Operator : JU/SJ
Sample : K2603-17MEDL 30X
Misc :
ALS Vial : 5 Sample Multiplier: 1

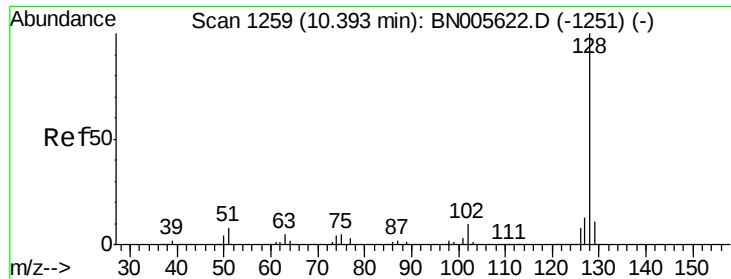
Instrument :
BNA_N
ClientSampleId :
GAJ69MEDL

Manual Integrations
APPROVED

mohammad
5/13/2019 8:50:11 AM

Quant Time: May 11 23:59:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 11 23:17:30 2019
Response via : Initial Calibration





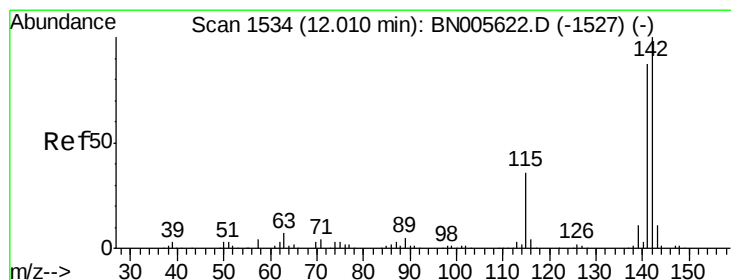
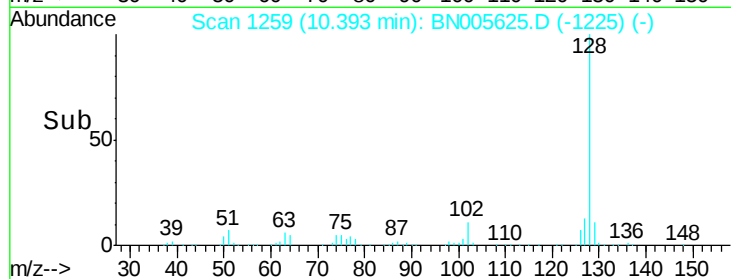
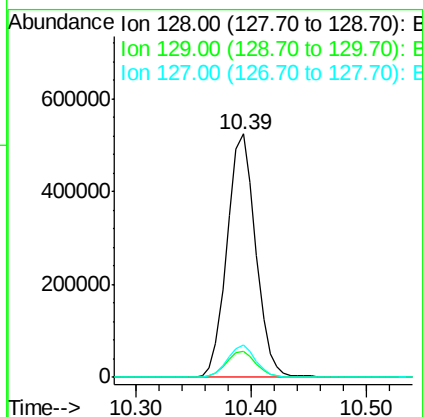
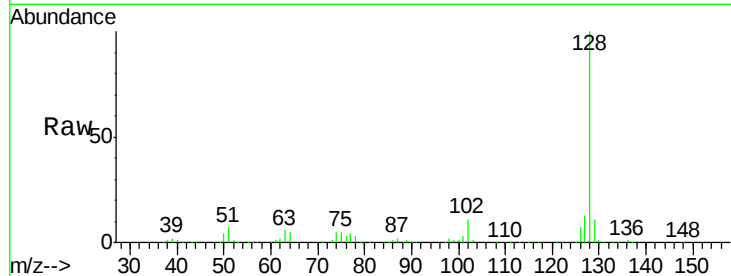
#28
Naphthalene
Concen: 20.253 ng/ul
RT: 10.39 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BN005625.D
Acq: 11 May 2019 14:16

Instrument :
BNA_N
ClientSampleId :
GAJ69MEDL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.2	13.8
127	13.1	10.7	16.1

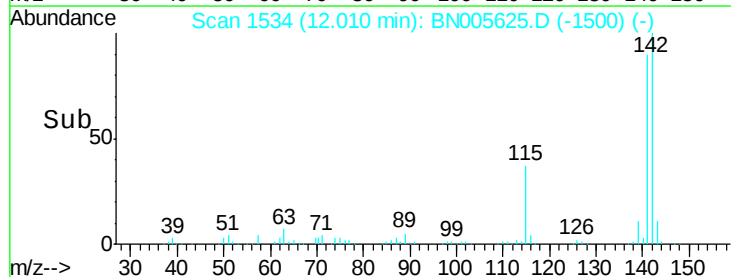
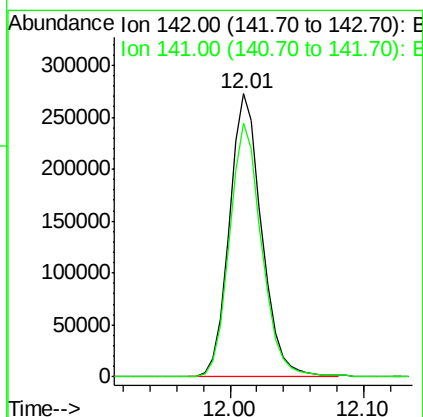
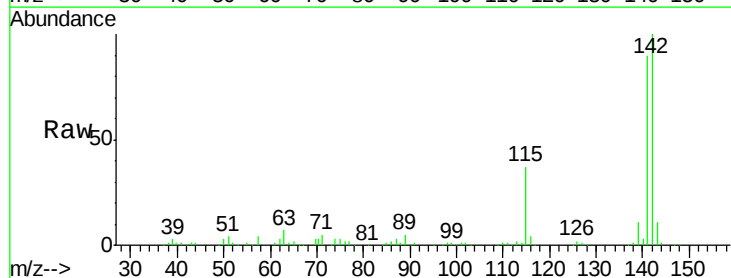
Manual Integrations
APPROVED

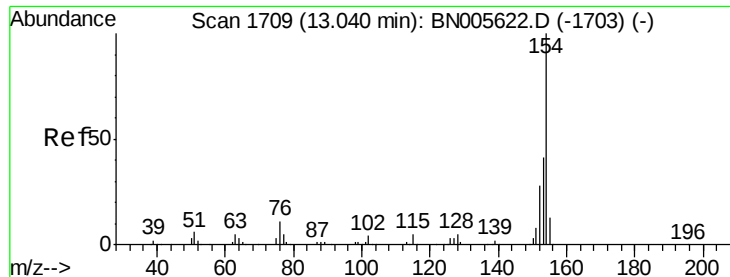
mohammad
5/13/2019 8:50:11 AM



#34
2-Methylnaphthalene
Concen: 14.117 ng/ul
RT: 12.01 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BN005625.D
Acq: 11 May 2019 14:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.0	108.0





#40

1,1'-Biphenyl

Concen: 1.096 ng/ul

RT: 13.05 min Scan# 1710

Delta R.T. 0.01 min

Lab File: BN005625.D

Acq: 11 May 2019 14:16

Instrument :

BNA_N

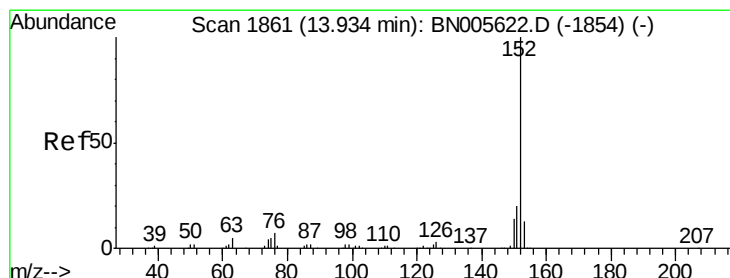
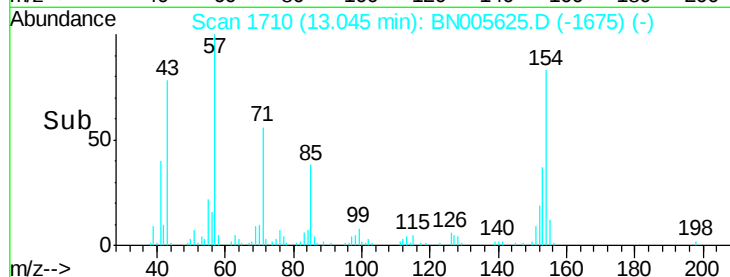
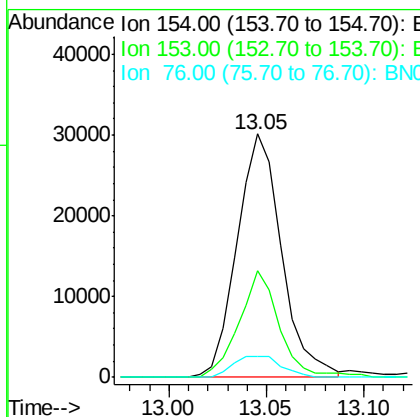
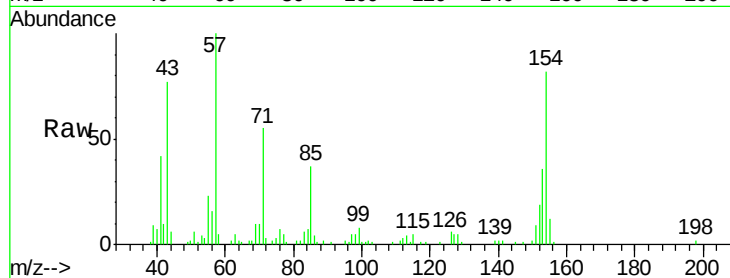
ClientSampleId :

GAJ69MEDL

Tgt Ion:	154	Resp:	47736
Ion Ratio	Lower	Upper	
154	100		
153	44.1	32.6	49.0
76	8.7	10.4	15.6

Manual Integrations
APPROVED

mohammad
5/13/2019 8:50:11 AM



#47

Acenaphthylene

Concen: 4.171 ng/ul

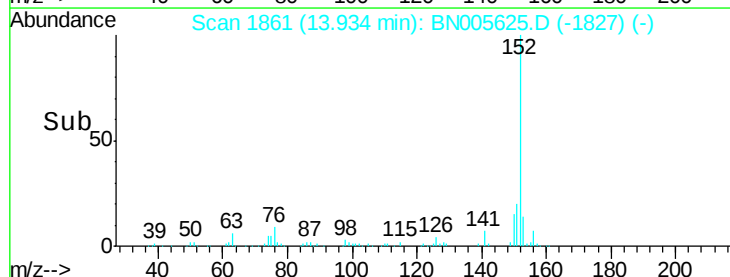
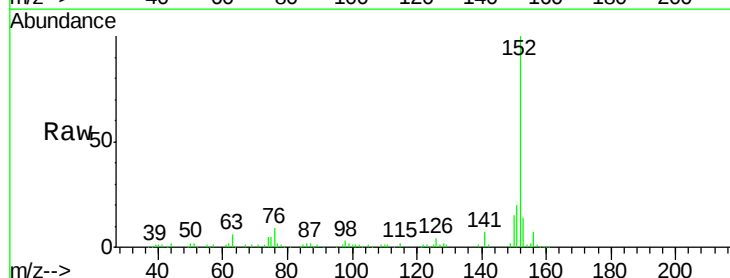
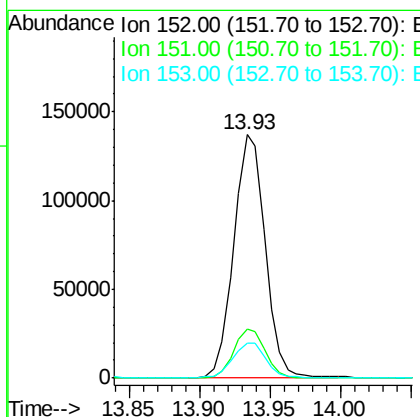
RT: 13.93 min Scan# 1861

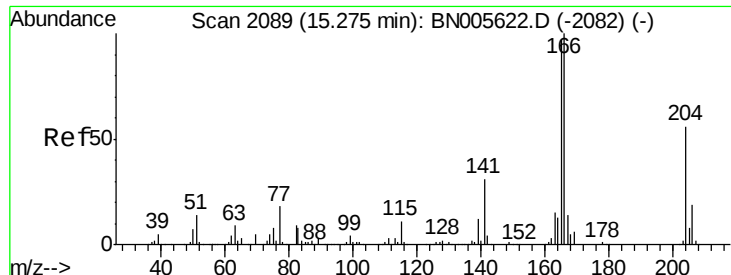
Delta R.T. -0.00 min

Lab File: BN005625.D

Acq: 11 May 2019 14:16

Tgt Ion:	152	Resp:	213721
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.8	23.8
153	14.2	9.8	14.8





#58

Fluorene

Concen: 3.146 ng/ul

RT: 15.27 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BN005625.D

Acq: 11 May 2019 14:16

Instrument :

BNA_N

ClientSampled :

GAJ69MEDL

Tgt Ion:166 Resp: 123658

Ion Ratio Lower Upper

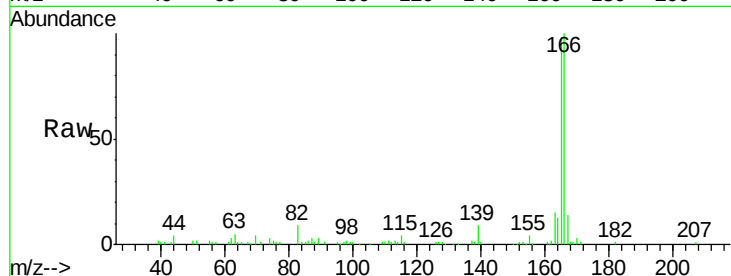
166 100

165 98.1 80.0 120.0

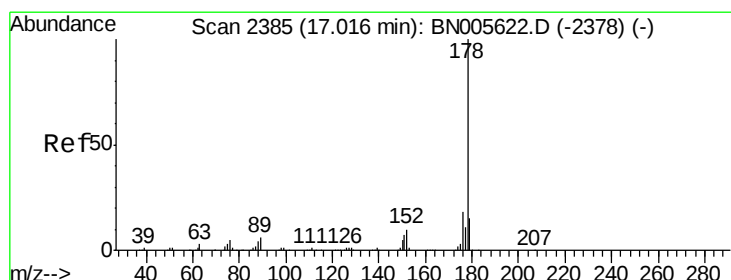
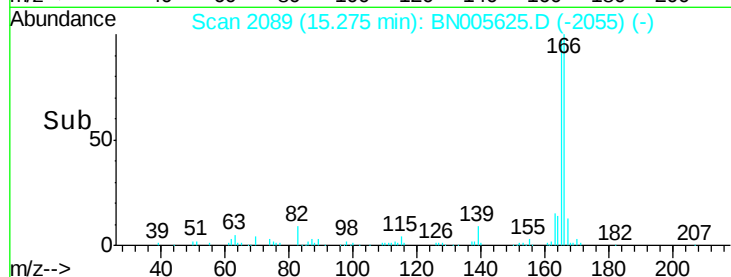
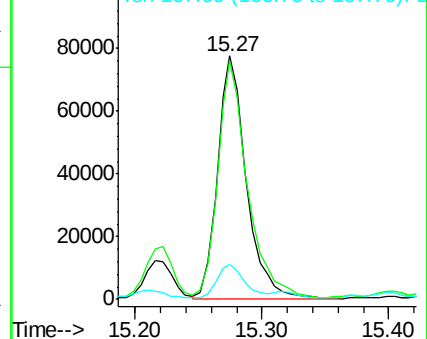
167 14.2 10.7 16.1

Manual Integrations
APPROVED

mohammad
5/13/2019 8:50:11 AM



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 8.970 ng/ul

RT: 17.02 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BN005625.D

Acq: 11 May 2019 14:16

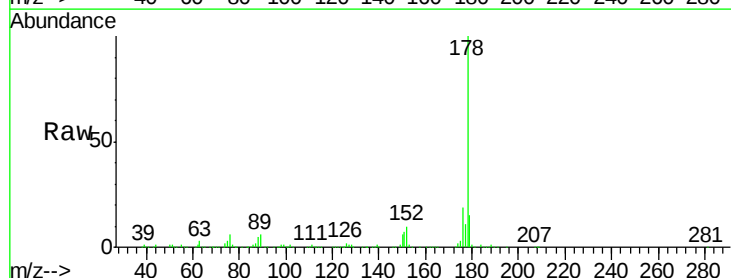
Tgt Ion:178 Resp: 550747

Ion Ratio Lower Upper

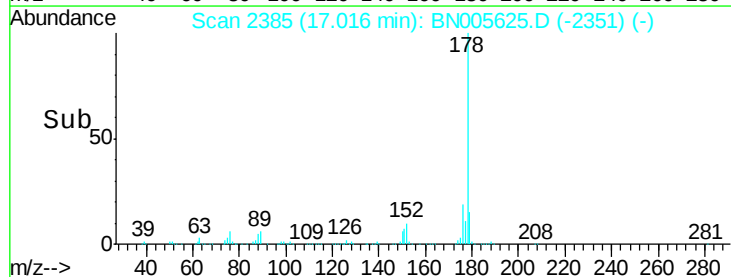
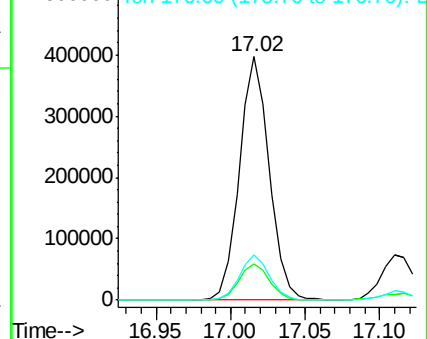
178 100

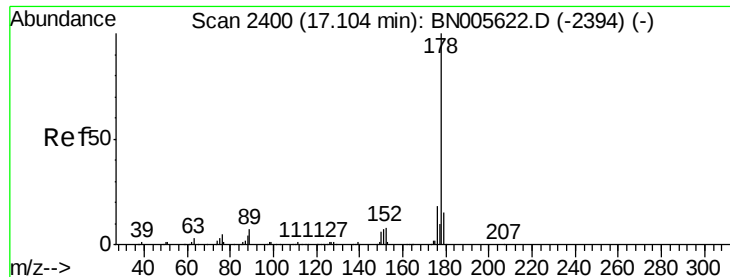
179 14.9 12.2 18.4

176 18.6 15.1 22.7



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





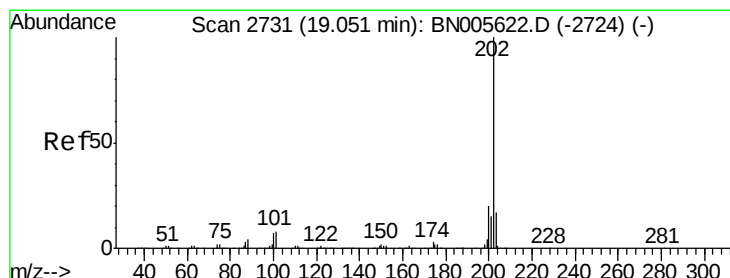
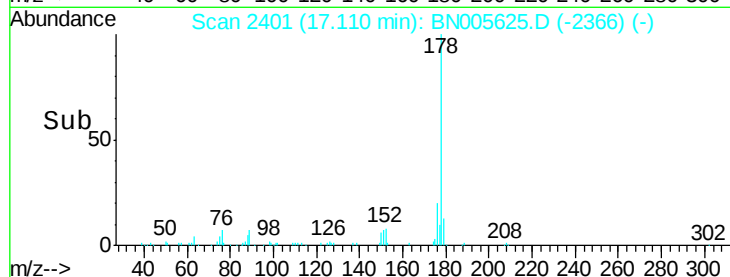
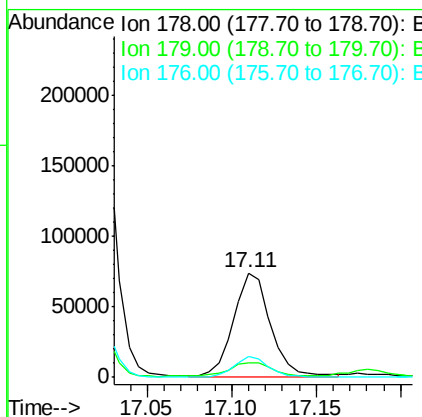
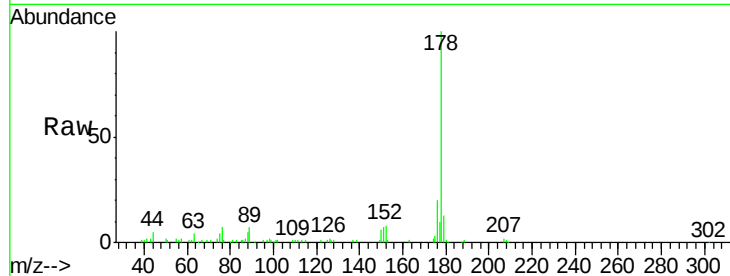
#71
 Anthracene
 Concen: 1.793 ng/ul
 RT: 17.11 min Scan# 2401
 Delta R.T. 0.01 min
 Lab File: BN005625.D
 Acq: 11 May 2019 14:16

Instrument :
 BNA_N
 ClientSampleId :
 GAJ69MEDL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.5	12.3	18.5
176	19.5	15.1	22.7

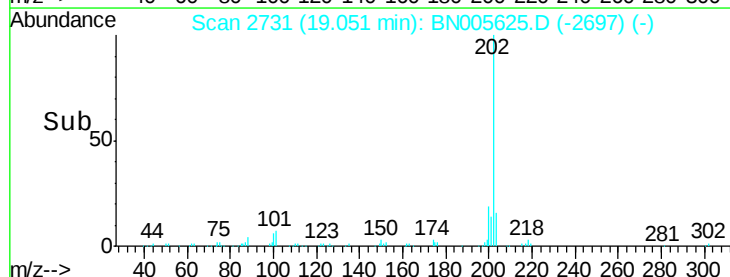
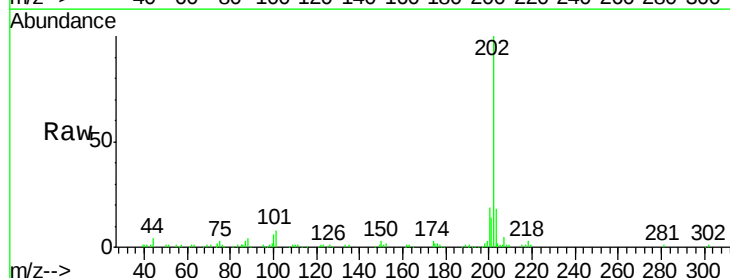
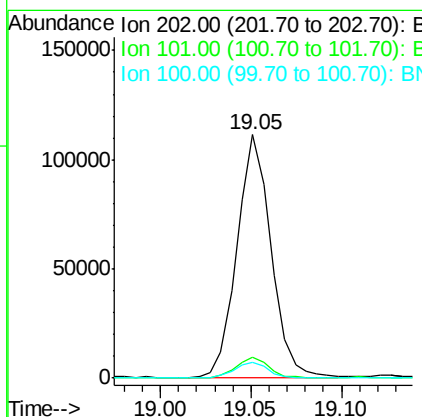
Manual Integrations
 APPROVED

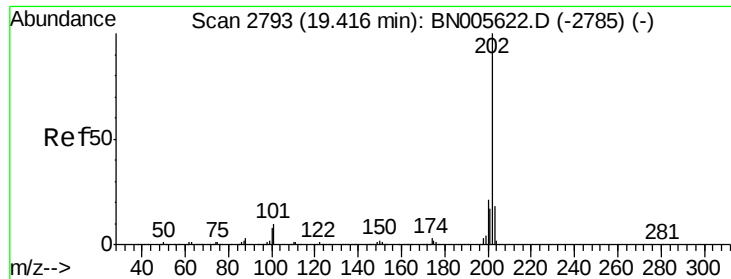
mohammad
 5/13/2019 8:50:11 AM



#76
 Fluoranthene
 Concen: 2.150 ng/ul
 RT: 19.05 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: BN005625.D
 Acq: 11 May 2019 14:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	8.6	12.8#
100	6.3	6.3	9.5





#79
 Pyrene
 Concen: 3.288 ng/ul
 RT: 19.42 min Scan# 2793
 Delta R.T. -0.00 min
 Lab File: BN005625.D
 Acq: 11 May 2019 14:16

Instrument :
 BNA_N
 ClientSampleId :
 GAJ69MEDL

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		192557		
101	9.8	10.3	15.5#		
100	8.1	7.9	11.9		

Manual Integrations
 APPROVED

mohammad
 5/13/2019 8:50:11 AM

