

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
 Data File : BN009547.D
 Acq On : 04 Feb 2020 02:22
 Operator : CG/JU
 Sample : L1271-01DL 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 GASZ4DL

Manual Integrations
 APPROVED

mohammad
 2/4/2020 6:14:59 PM

Quant Time: Feb 04 03:16:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 16:39:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	174262	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	735487	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.08	164	464136	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	957528	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	836319	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	894464	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	449	0.11	ng/uL	0.02
5) Phenol-d5	6.65	99	14080	0.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	11790	1.15	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	10911	0.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	6323	0.52	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	5975	1.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	5376	0.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	9986	0.87	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.50	166	45776	1.35	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	46894	1.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	4484m	0.70	ng/ul	0.02
57) Fluorene-d10	15.08	176	40170	1.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	1805	0.30	ng/ul	0.01
70) Anthracene-d10	16.93	188	59868	1.38	ng/ul	0.00
78) Pyrene-d10	19.23	212	61355	1.40	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	56489	1.28	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.25	128	7480092	187.542	ng/ul	100
34) 2-Methylnaphthalene	11.87	142	5456179	195.478	ng/ul	95
40) 1,1'-Biphenyl	12.90	154	312626	8.651	ng/ul	98
49) Acenaphthene	14.14	153	60815	1.997	ng/ul	97
53) Dibenzofuran	14.48	168	126271	2.977	ng/ul	94
58) Fluorene	15.13	166	219933	6.205	ng/ul	98
69) Phenanthrene	16.87	178	2353172	43.093	ng/ul	98
71) Anthracene	16.96	178	118226	2.134	ng/ul	96
76) Fluoranthene	18.90	202	346611	5.561	ng/ul	98
79) Pyrene	19.26	202	555515	9.099	ng/ul	97
82) Benzo(a)anthracene	21.03	228	171735	2.974	ng/ul	99
84) Chrysene	21.07	228	156156	2.716	ng/ul	98
87) Benzo(b)fluoranthene	22.53	252	70484	1.259	ng/ul#	93
90) Benzo(a)pyrene	23.06	252	53570	1.033	ng/ul#	90

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

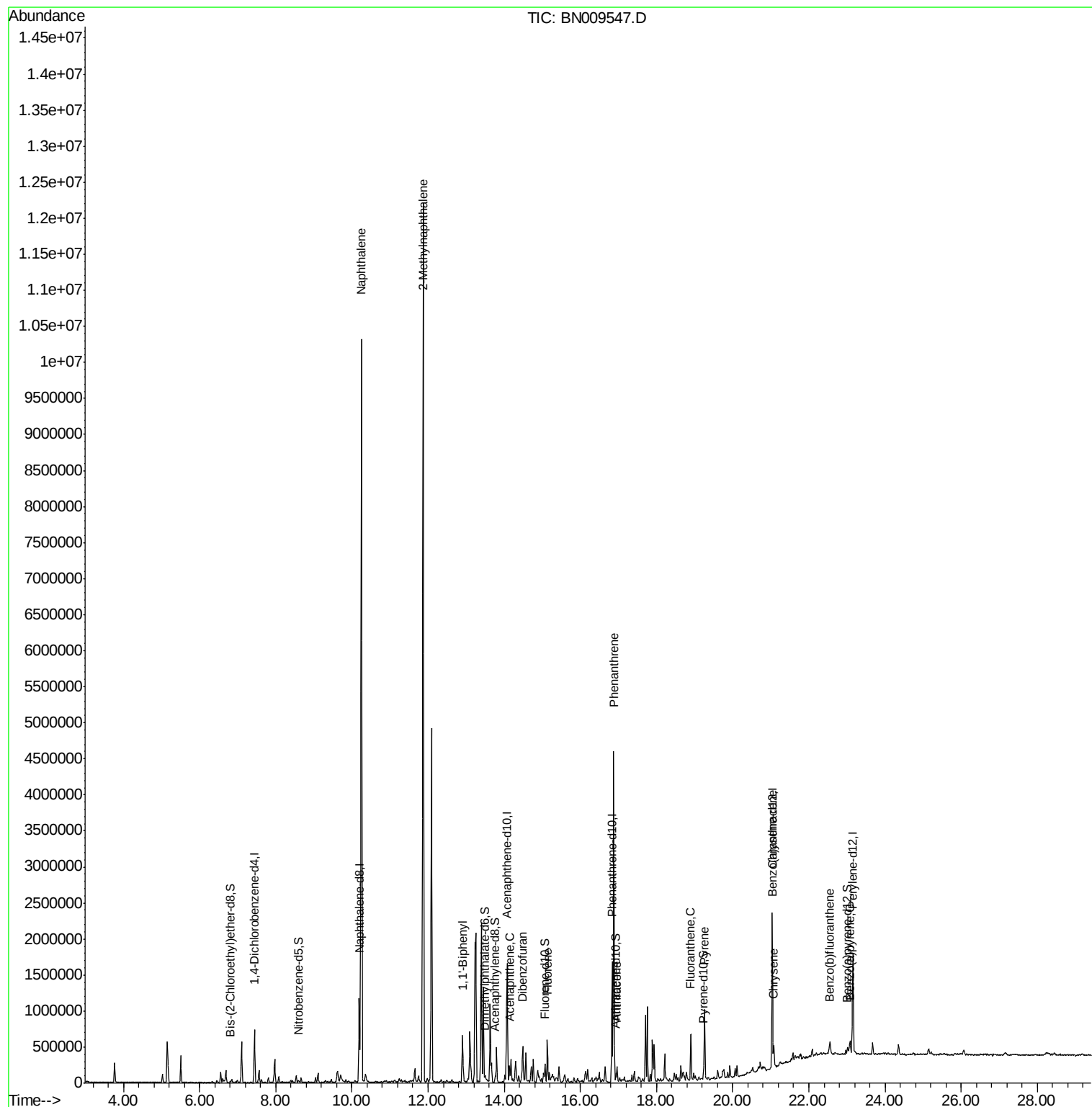
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009547.D
Acq On : 04 Feb 2020 02:22
Operator : CG/JU
Sample : L1271-01DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

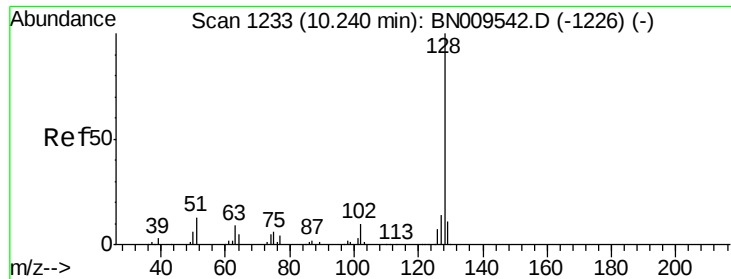
Instrument :
BNA_N
ClientSampleId :
GASZ4DL

Manual Integrations
APPROVED

mohammad
2/4/2020 6:14:59 PM

Quant Time: Feb 04 03:16:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration





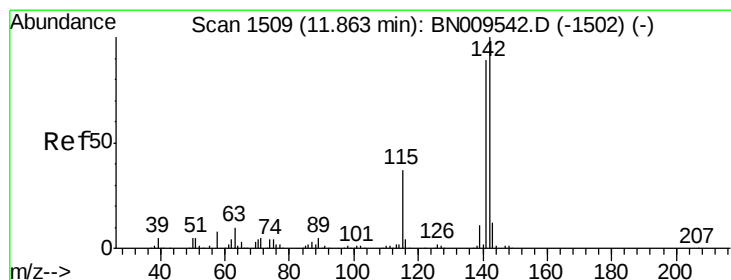
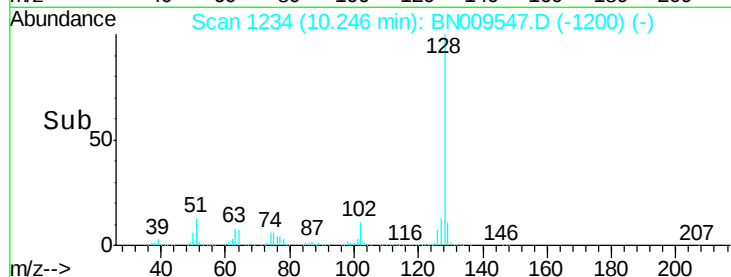
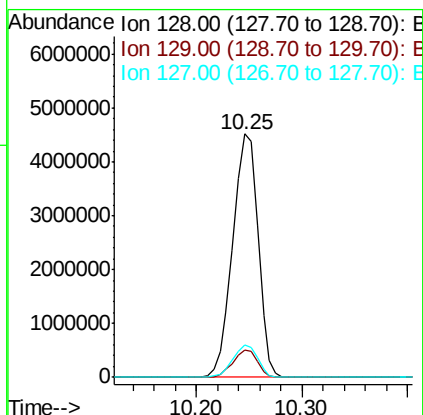
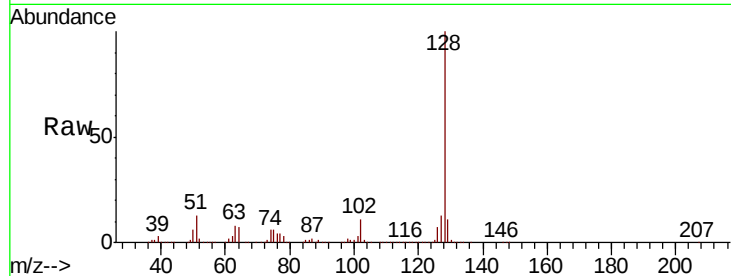
#28
Naphthalene
Concen: 187.542 ng/ul
RT: 10.25 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BN009547.D
Acq: 04 Feb 2020 02:22

Instrument :
BNA_N
ClientSampleId :
GASZ4DL

Tot Ion:128 Resp: 7480092
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.3 10.7 16.1

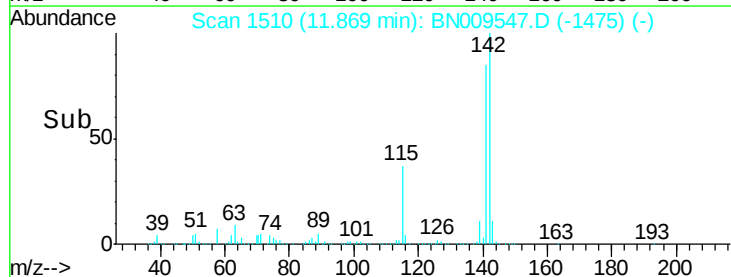
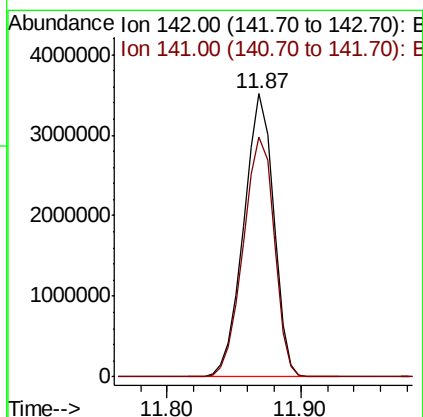
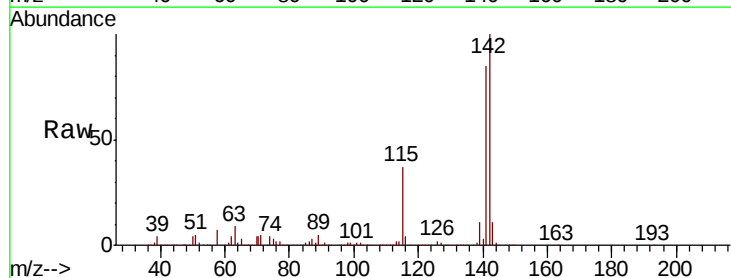
Manual Integrations
APPROVED

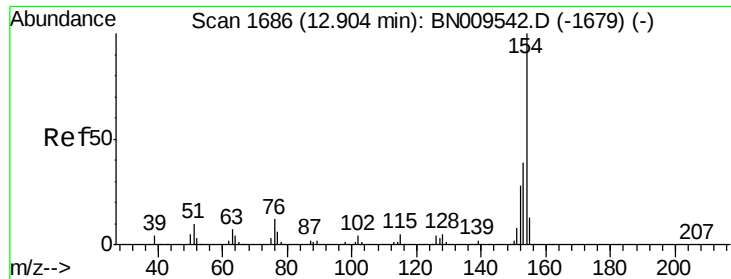
mohammad
2/4/2020 6:14:59 PM



#34
2-Methylnaphthalene
Concen: 195.478 ng/ul
RT: 11.87 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BN009547.D
Acq: 04 Feb 2020 02:22

Tgt Ion:142 Resp: 5456179
Ion Ratio Lower Upper
142 100
141 84.9 71.5 107.3





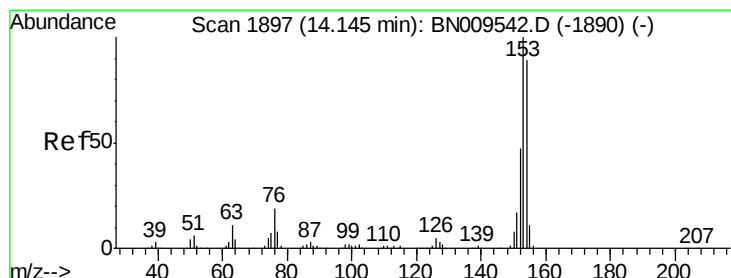
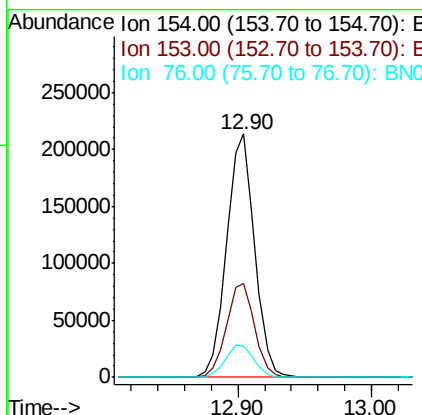
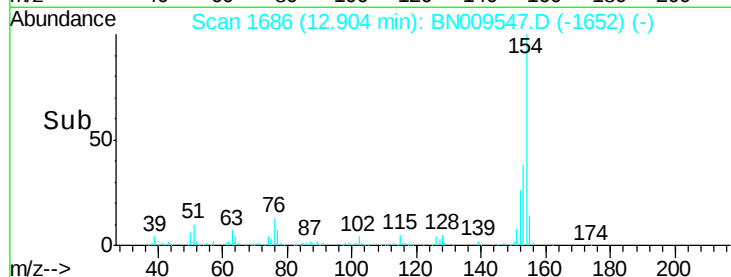
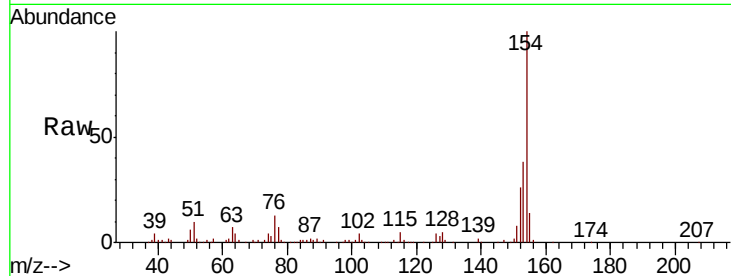
#40
1,1'-Biphenyl
Concen: 8.651 ng/ul
RT: 12.90 min Scan# 1686
Delta R.T. 0.00 min
Lab File: BN009547.D
Acq: 04 Feb 2020 02:22

Instrument :
BNA_N
ClientSampleId :
GASZ4DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	38.4	31.2	46.8
76	12.9	11.4	17.2

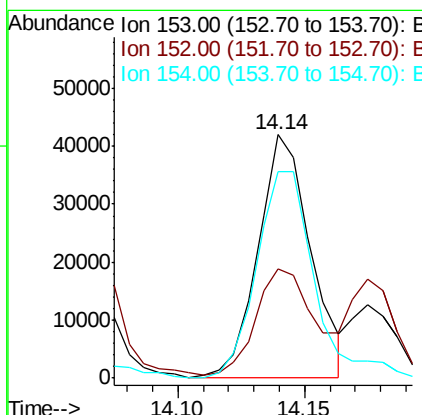
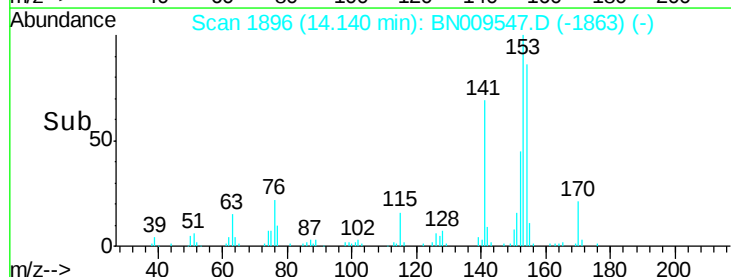
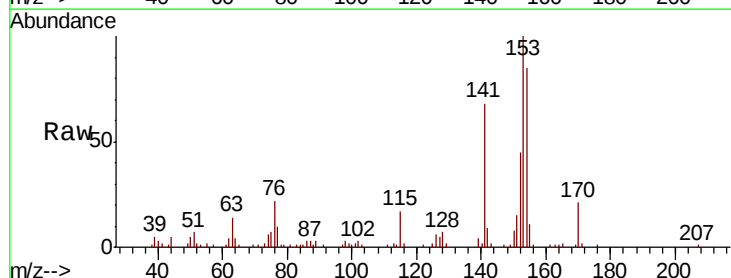
Manual Integrations
APPROVED

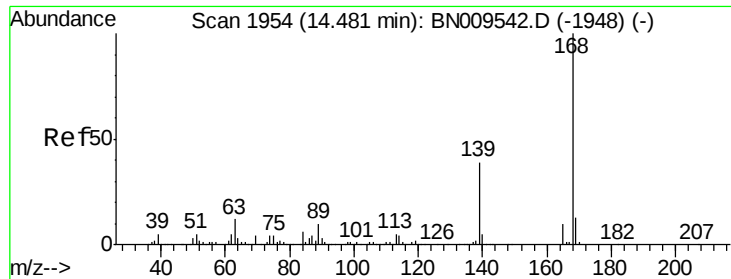
mohammad
2/4/2020 6:14:59 PM



#49
Acenaphthene
Concen: 1.997 ng/ul
RT: 14.14 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BN009547.D
Acq: 04 Feb 2020 02:22

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.1	37.3	55.9
154	84.7	70.2	105.2





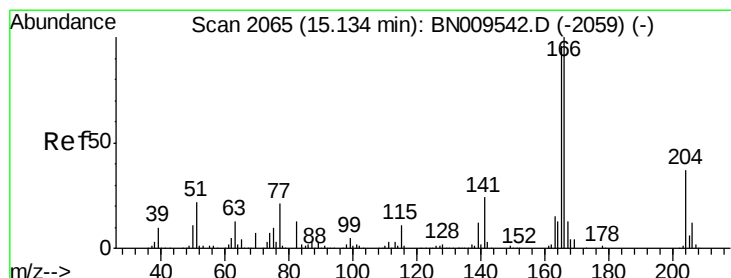
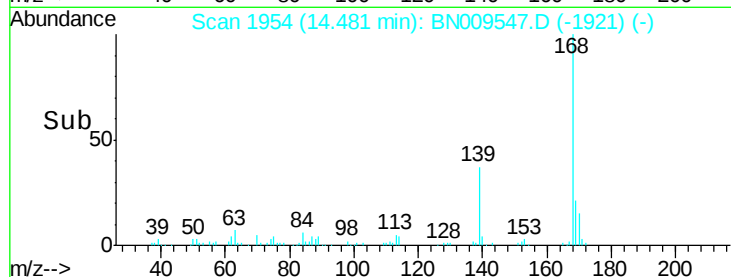
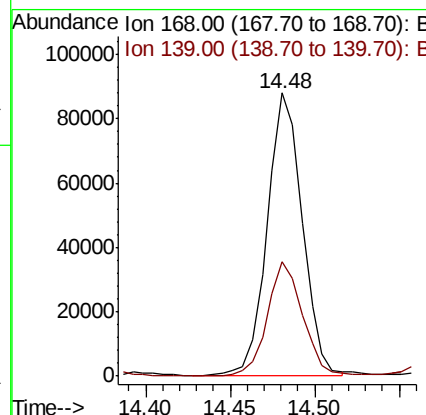
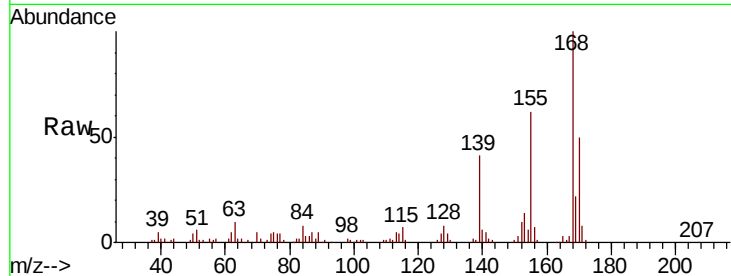
#53
Dibenzenofuran
Concen: 2.977 ng/ul
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BN009547.D
Acq: 04 Feb 2020 02:22

Instrument :
BNA_N
ClientSampled :
GASZ4DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.6	29.5	44.3

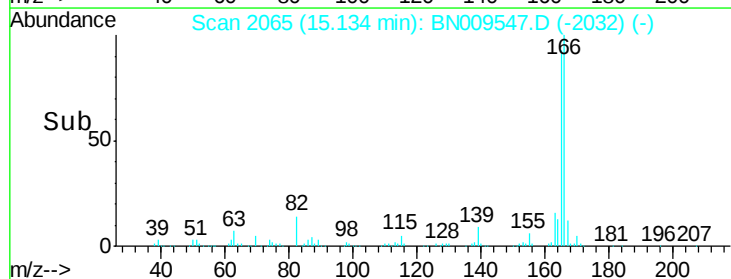
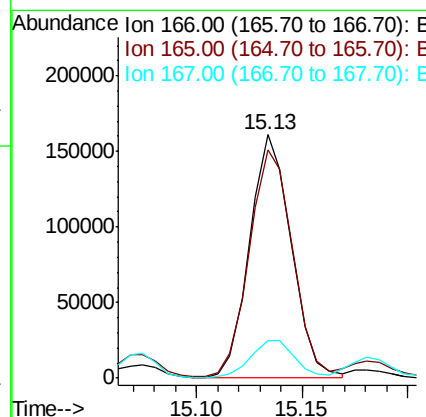
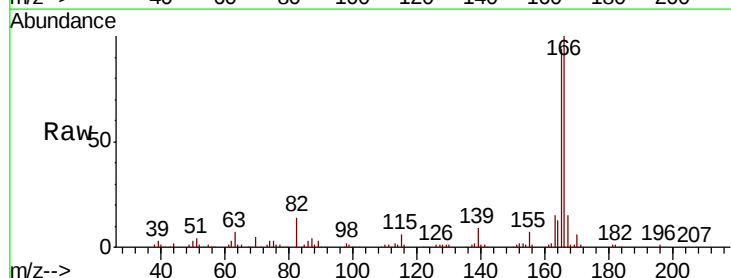
Manual Integrations
APPROVED

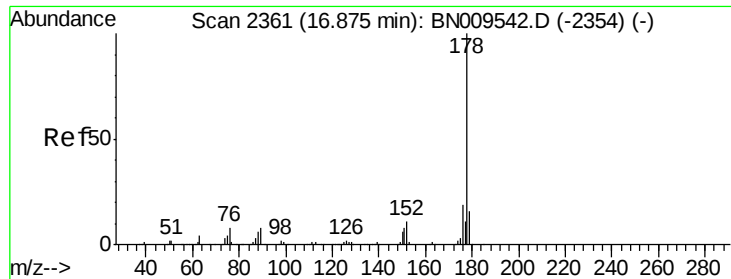
mohammad
2/4/2020 6:14:59 PM



#58
Fluorene
Concen: 6.205 ng/ul
RT: 15.13 min Scan# 2065
Delta R.T. -0.01 min
Lab File: BN009547.D
Acq: 04 Feb 2020 02:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.0	76.7	115.1
167	15.5	11.1	16.7





#69

Phenanthrene

Concen: 43.093 ng/ul

RT: 16.87 min Scan# 2361

Delta R.T. 0.00 min

Lab File: BN009547.D

Acq: 04 Feb 2020 02:22

Instrument :

BNA_N

ClientSampleID :

GASZ4DL

Tot Ion:178 Resp: 2353172

Ion Ratio Lower Upper

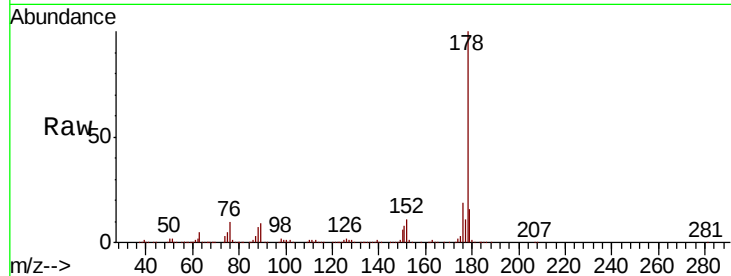
178 100

179 15.8 12.2 18.2

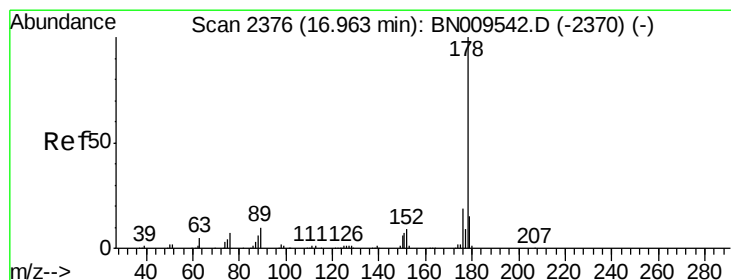
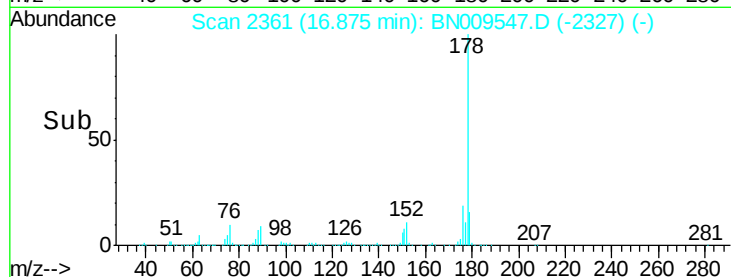
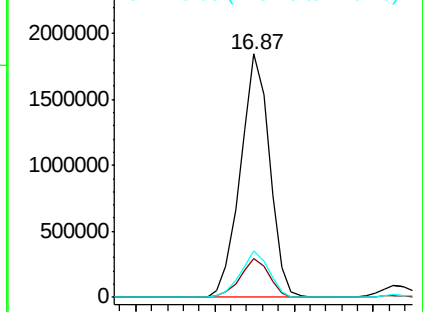
176 19.2 14.8 22.2

Manual Integrations
APPROVED

mohammad
2/4/2020 6:14:59 PM



Abundance Ion 178.00 (177.70 to 178.70): E
2500000 Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 2.134 ng/ul

RT: 16.96 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BN009547.D

Acq: 04 Feb 2020 02:22

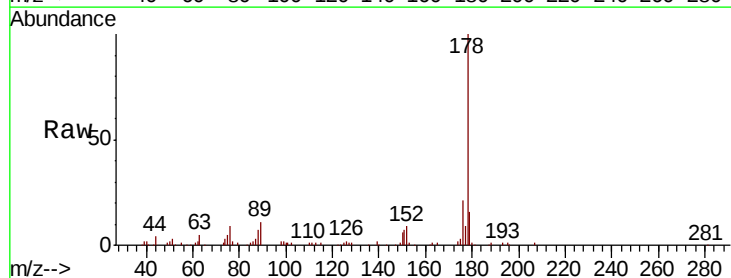
Tgt Ion:178 Resp: 118226

Ion Ratio Lower Upper

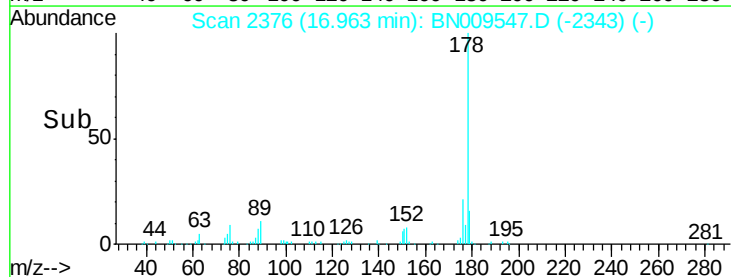
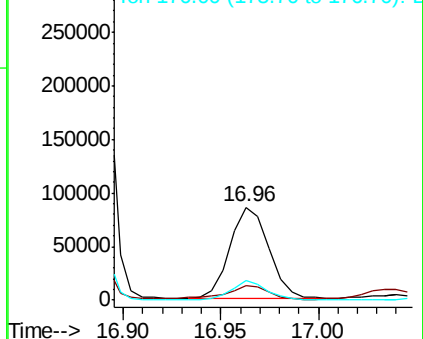
178 100

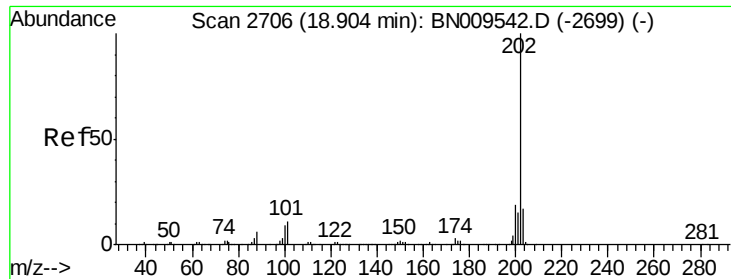
179 16.0 12.1 18.1

176 20.5 14.6 21.8



Abundance Ion 178.00 (177.70 to 178.70): E
300000 Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 5.561 ng/ul

RT: 18.90 min Scan# 2705

Delta R.T. -0.01 min

Lab File: BN009547.D

Acq: 04 Feb 2020 02:22

Instrument :

BNA_N

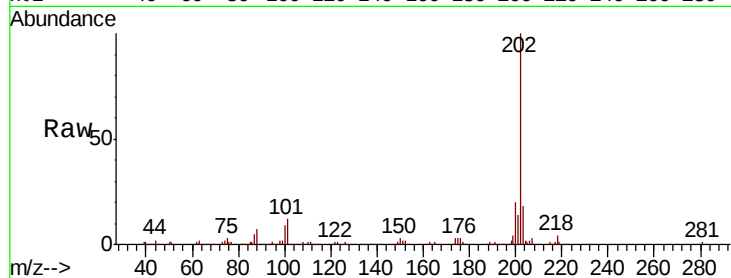
ClientSampleId :

GASZ4DL

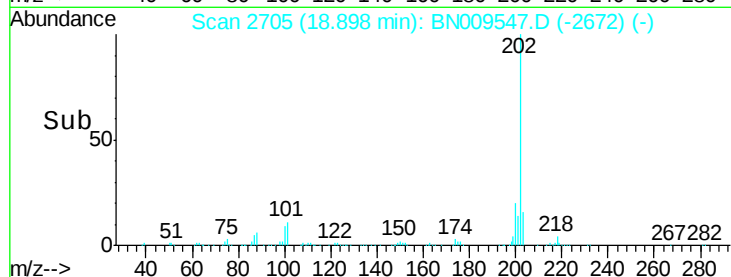
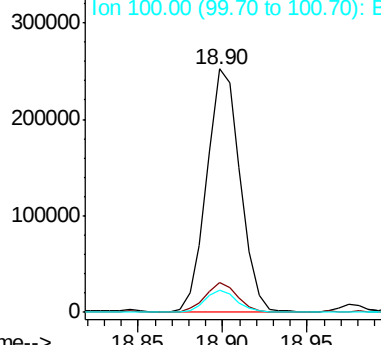
Tot Ion:	202	Resp:	346611
Ion Ratio	Lower	Upper	
202	100		
101	12.2	9.2	13.8
100	9.2	6.9	10.3

Manual Integrations
APPROVED

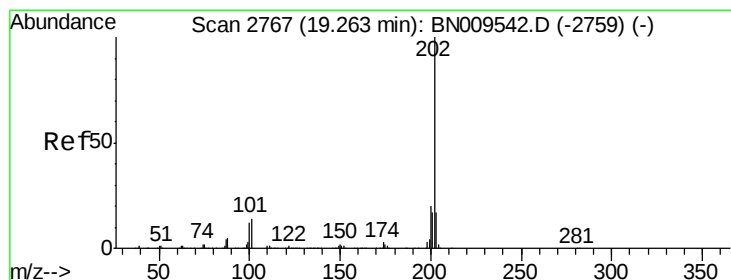
mohammad
2/4/2020 6:14:59 PM



Abundance Ion 202.00 (201.70 to 202.70): E



Time-->



#79

Pyrene

Concen: 9.099 ng/ul

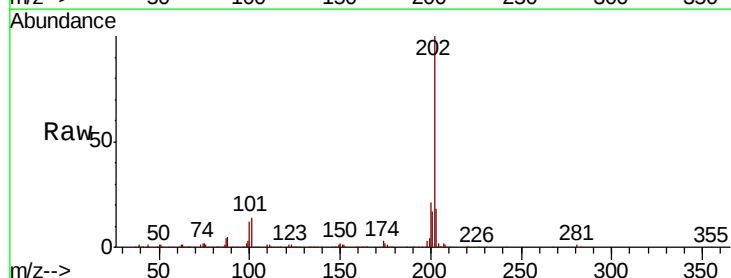
RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

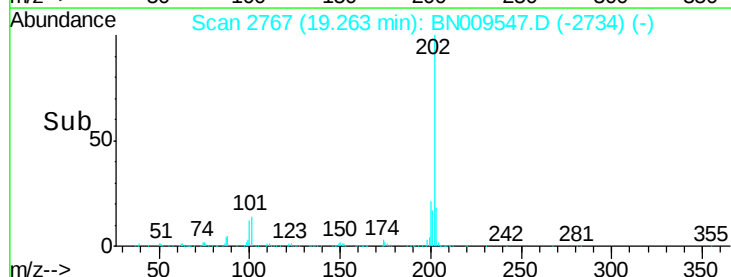
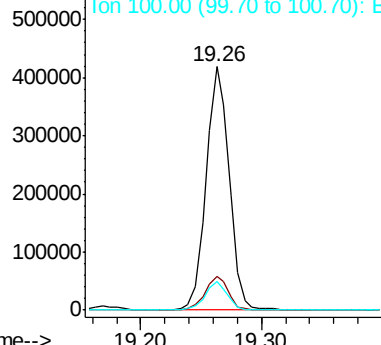
Lab File: BN009547.D

Acq: 04 Feb 2020 02:22

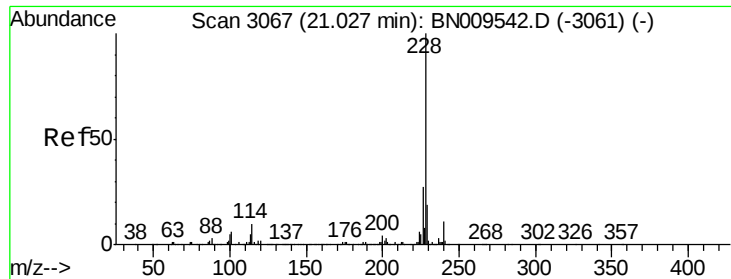
Tgt Ion:	202	Resp:	555515
Ion Ratio	Lower	Upper	
202	100		
101	13.8	10.3	15.5
100	11.8	8.4	12.6



Abundance Ion 202.00 (201.70 to 202.70): E



Time-->



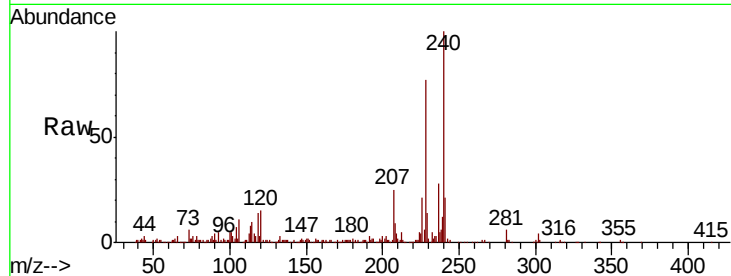
#82
Benzo(a)anthracene
Concen: 2.974 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. 0.00 min
Lab File: BN009547.D
Acq: 04 Feb 2020 02:22

Instrument :
BNA_N
ClientSampleId :
GASZ4DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	18.7	15.0	22.4
226	27.1	20.9	31.3

Manual Integrations
APPROVED

mohammad
2/4/2020 6:14:59 PM

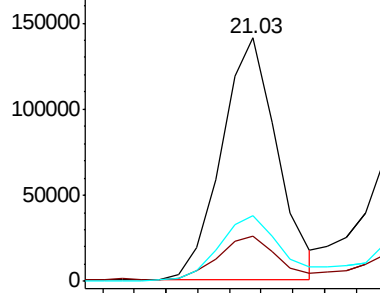


Abundance

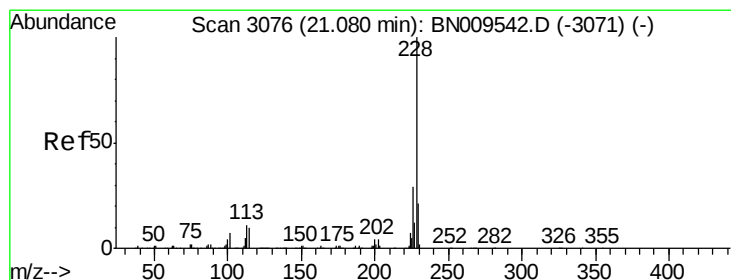
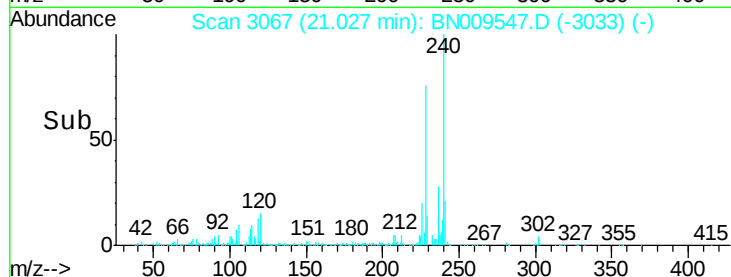
Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->



#84
Chrysene
Concen: 2.716 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BN009547.D
Acq: 04 Feb 2020 02:22

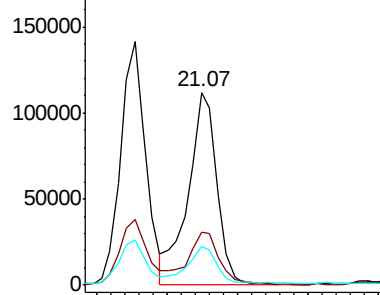
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.5	35.3
229	20.2	15.8	23.8

Abundance

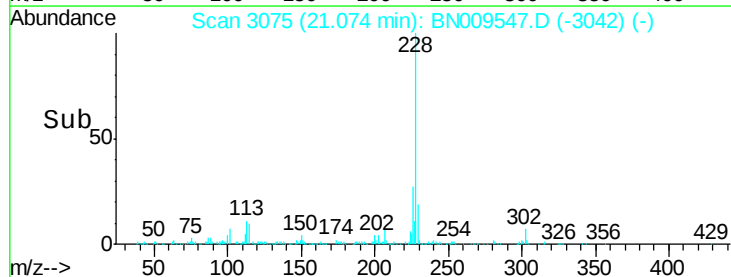
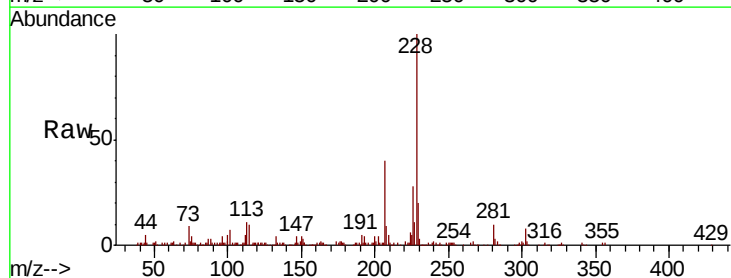
Ion 228.00 (227.70 to 228.70): E

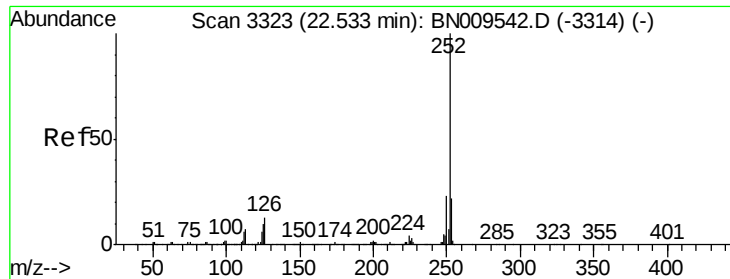
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 1.259 ng/ul

RT: 22.53 min Scan# 3323

Delta R.T. 0.00 min

Lab File: BN009547.D

Acq: 04 Feb 2020 02:22

Instrument :

BNA_N

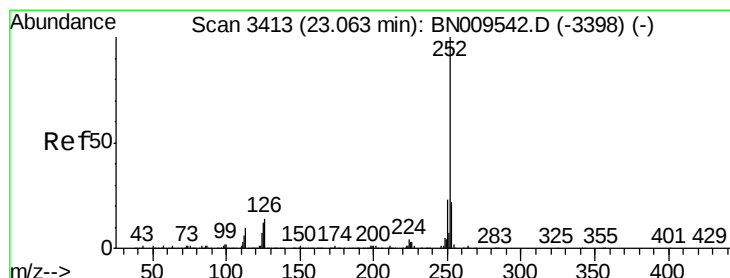
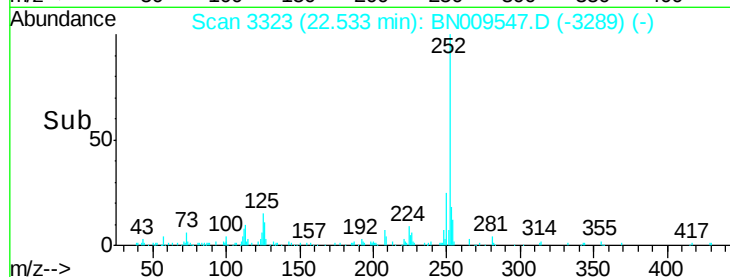
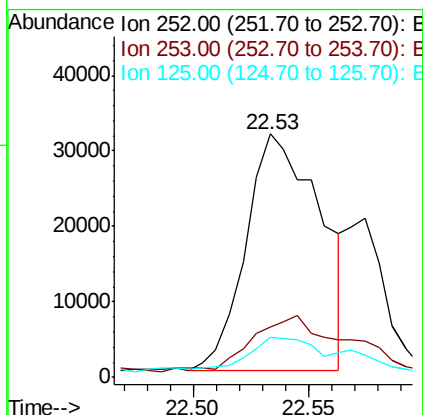
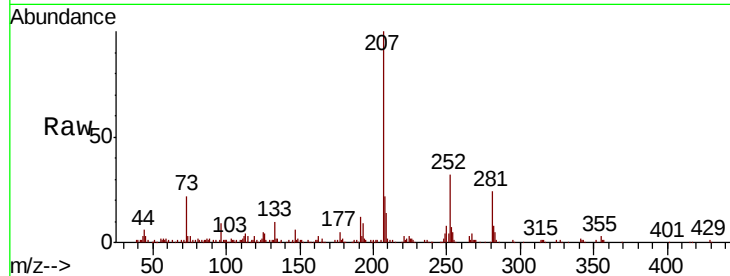
ClientSampleId :

GASZ4DL

Tot Ion:	252	Resp:	70484
Ion Ratio	Lower	Upper	
252	100		
253	20.5	17.0	25.6
125	16.5	8.2	12.2#

Manual Integrations
APPROVED

mohammad
2/4/2020 6:14:59 PM



#90

Benzo(a)pyrene

Concen: 1.033 ng/ul

RT: 23.06 min Scan# 3413

Delta R.T. -0.01 min

Lab File: BN009547.D

Acq: 04 Feb 2020 02:22

Tgt Ion:	252	Resp:	53570
Ion Ratio	Lower	Upper	
252	100		
253	23.9	15.8	23.8#
125	15.2	8.7	13.1#

