

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
 Data File : BM021342.D
 Acq On : 02 Jul 2019 14:34
 Operator : HP/JU
 Sample : K3594-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BC7

Manual Integrations
 APPROVED

mohammad
 7/3/2019 10:50:22 PM

Quant Time: Jul 02 17:16:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 02 01:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	225209	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	995209	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	618617	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1321137	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	926861	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1088042	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	21371	4.51	ng/uL	0.00
5) Phenol-d5	6.92	99	494960	25.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	282415	24.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	412061	25.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	439178	26.84	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	225279	27.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	270863	30.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	515513	28.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	472515	24.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1626082	29.09	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1808953	26.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	194519	21.39	ng/ul	0.00
57) Fluorene-d10	15.39	176	1349109	27.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	163518	20.13	ng/ul	0.00
70) Anthracene-d10	17.24	188	1902563	27.71	ng/ul	0.00
78) Pyrene-d10	19.54	212	1771651	31.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1764935	27.49	ng/ul	0.00

Target Compounds

					Ovalue
4) Benzaldehyde	6.90	77	10135	1.134	ng/ul 89
6) Phenol	6.95	94	21005	1.133	ng/ul 92
44) Dimethylphthalate	13.85	163	313467	6.161	ng/ul 98
69) Phenanthrene	17.19	178	322041	4.408	ng/ul 98
75) Di-n-butylphthalate	18.11	149	78931	1.071	ng/ul 100
76) Fluoranthene	19.20	202	931576	11.800	ng/ul 100
79) Pyrene	19.57	202	734239	11.205	ng/ul 99
82) Benzo(a)anthracene	21.32	228	434547	6.877	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.24	149	83976	2.432	ng/ul 99
84) Chrysene	21.37	228	453786	7.668	ng/ul 99
87) Benzo(b)fluoranthene	22.92	252	723019	10.490	ng/ul# 98
88) Benzo(k)fluoranthene	22.96	252	238965m	3.604	ng/ul
90) Benzo(a)pyrene	23.50	252	409391	6.311	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	25.89	276	340887	4.463	ng/ul 95
92) Dibenzo(a,h)anthracene	25.89	278	92000	1.432	ng/ul# 94
93) Benzo(g,h,i)perylene	26.59	276	258233	4.105	ng/ul 99

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

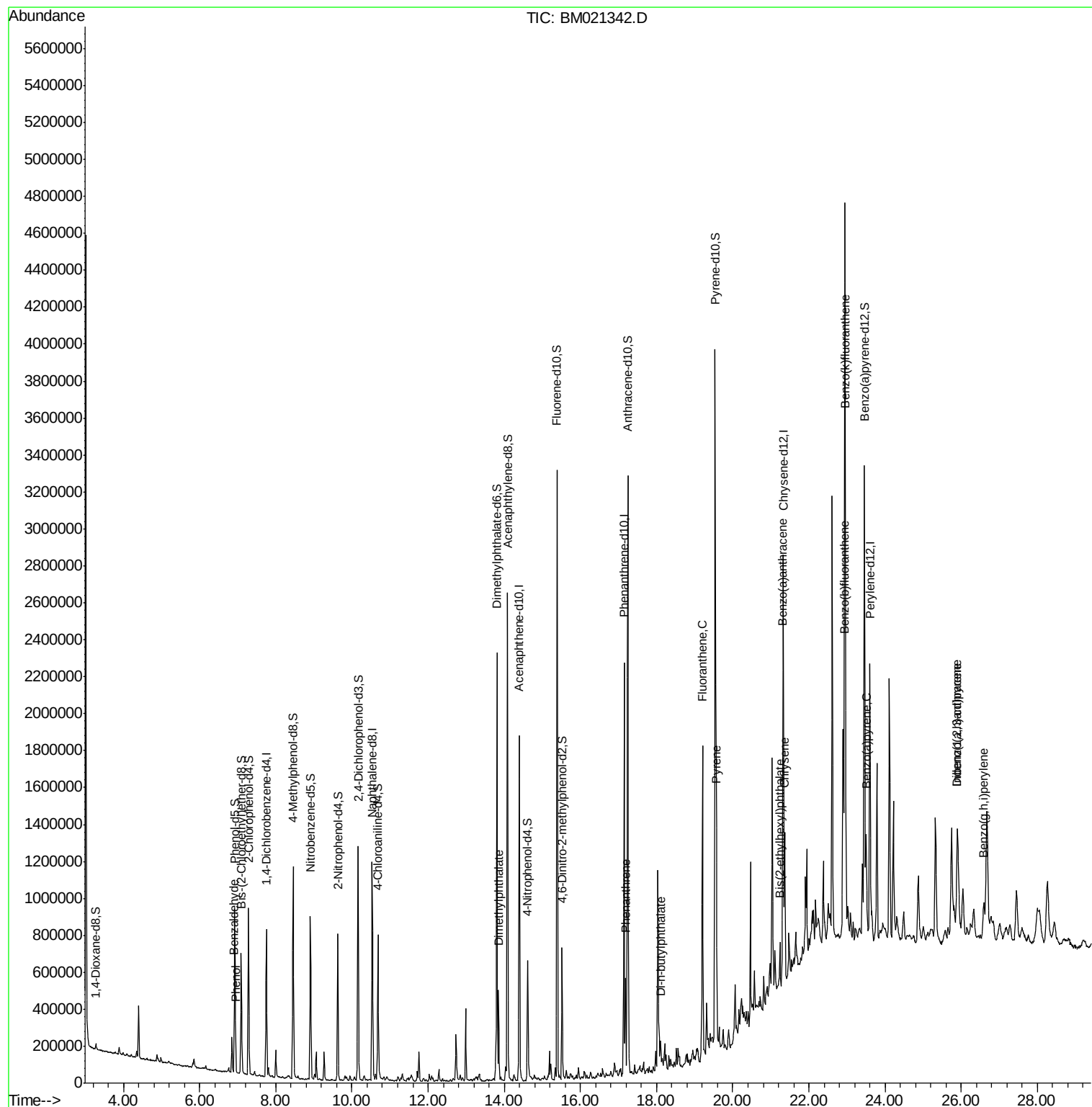
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021342.D
Acq On : 02 Jul 2019 14:34
Operator : HP/JU
Sample : K3594-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

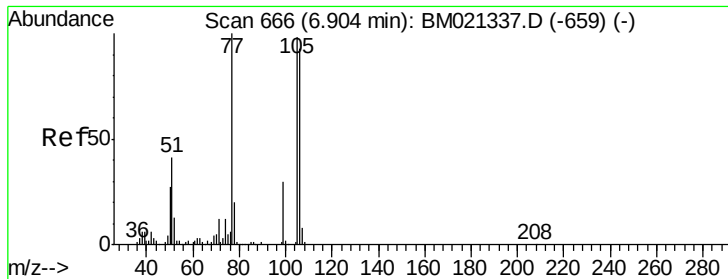
Instrument :
BNA_M
ClientSampleId :
C5BC7

Quant Time: Jul 02 17:16:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 02 01:54:12 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
7/3/2019 10:50:22 PM





#4

Benzaldehyde

Concen: 1.134 ng/ul

RT: 6.90 min Scan# 666

Delta R.T. -0.01 min

Lab File: BM021342.D

Acq: 02 Jul 2019 14:34

Instrument :

BNA_M

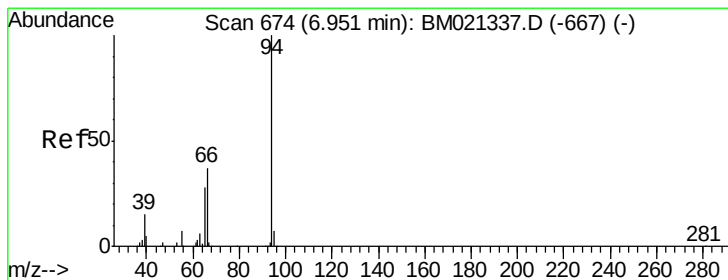
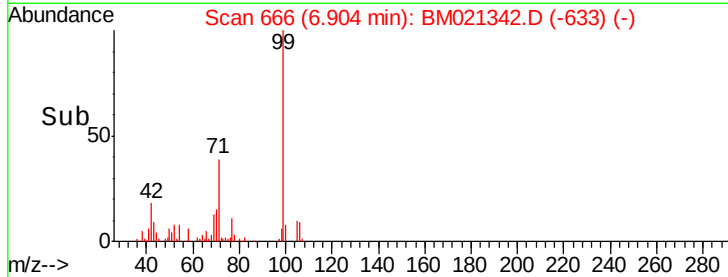
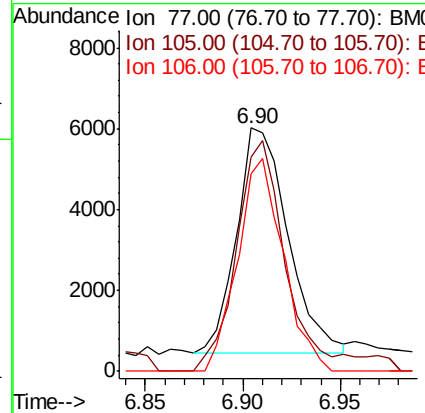
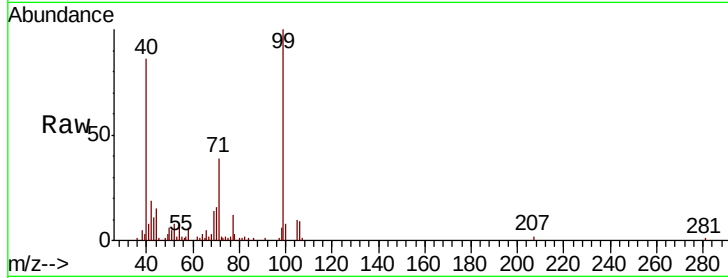
ClientSampleId :

C5BC7

Tot Ion:	77	Resp:	10135
Ion	Ratio	Lower	Upper
77	100		
105	87.9	78.1	117.1
106	81.2	73.4	110.2

Manual Integrations
APPROVED

mohammad
7/3/2019 10:50:22 PM



#6

Phenol

Concen: 1.133 ng/ul

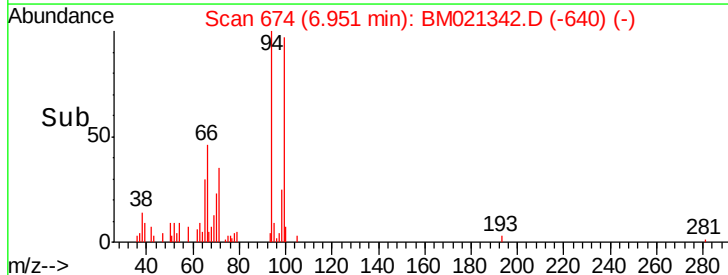
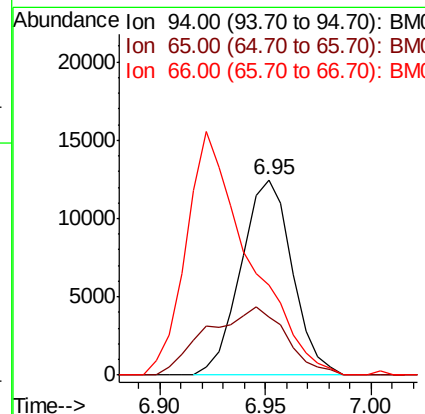
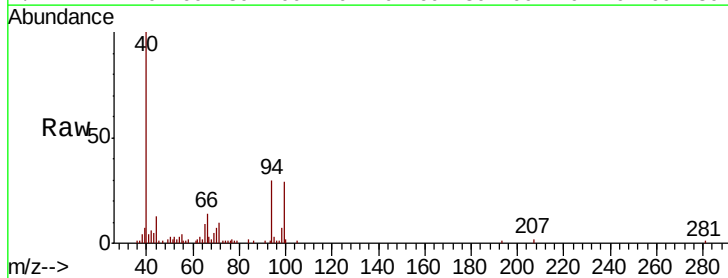
RT: 6.95 min Scan# 674

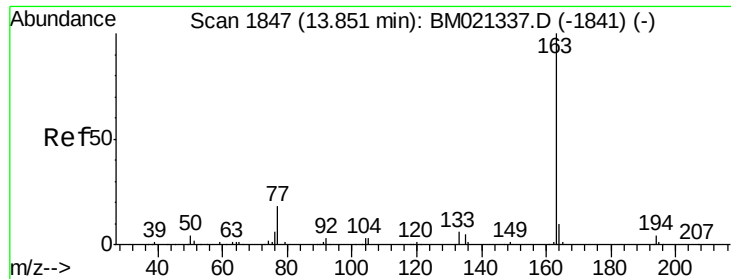
Delta R.T. -0.00 min

Lab File: BM021342.D

Acq: 02 Jul 2019 14:34

Tgt Ion:	94	Resp:	21005
Ion	Ratio	Lower	Upper
94	100		
65	29.9	22.6	34.0
66	46.1	31.2	46.8





#44

Dimethylphthalate

Concen: 6.161 ng/ul

RT: 13.85 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BM021342.D

Acq: 02 Jul 2019 14:34

Instrument :

BNA_M

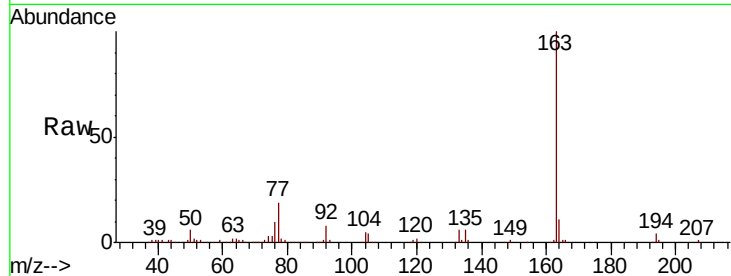
ClientSampleId :

C5BC7

Tot Ion:	163	Resp:	313467
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.2
164	10.8	7.7	11.5

Manual Integrations
APPROVED

mohammad
7/3/2019 10:50:22 PM

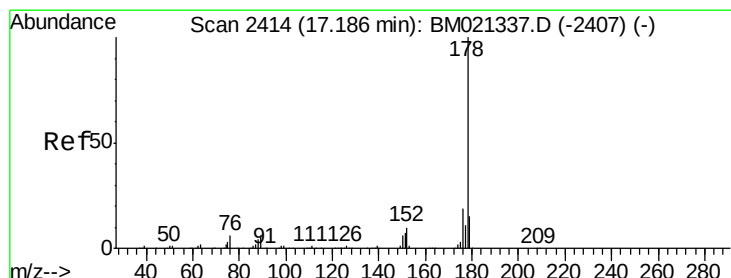
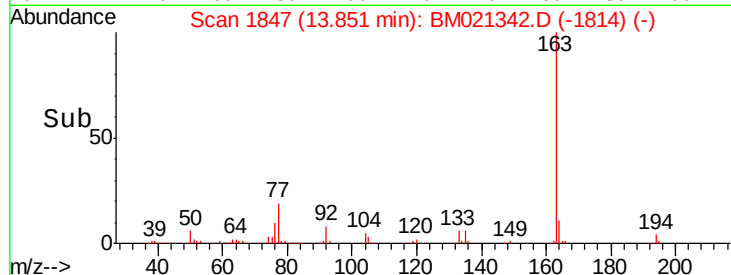
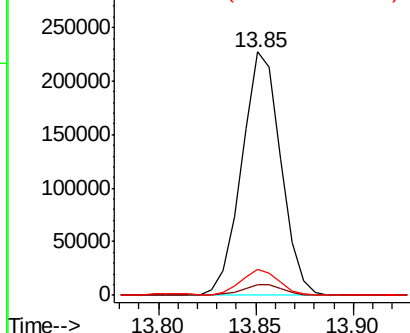


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 4.408 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BM021342.D

Acq: 02 Jul 2019 14:34

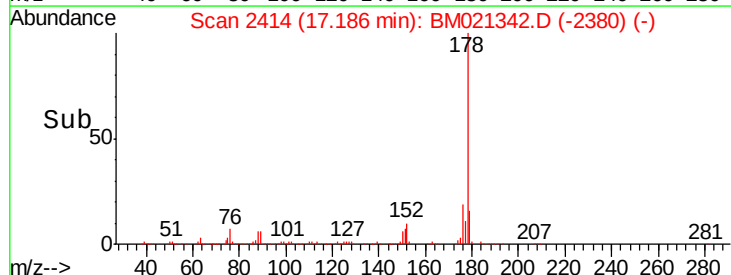
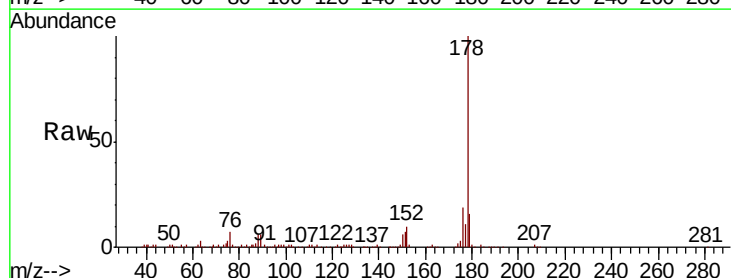
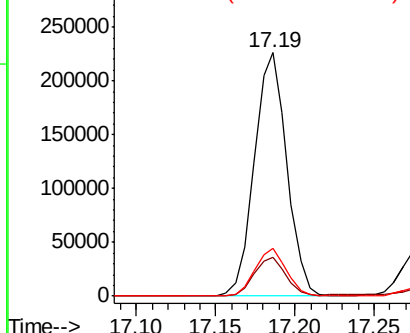
Tgt Ion:	178	Resp:	322041
Ion Ratio	Lower	Upper	
178	100		
179	15.8	11.8	17.8
176	19.4	15.0	22.6

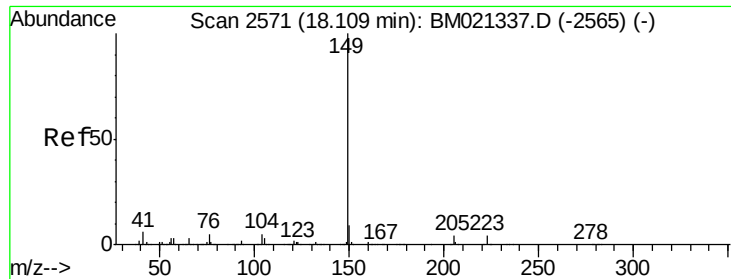
Abundance

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





#75

Di-n-butylphthalate

Concen: 1.071 ng/ul

RT: 18.11 min Scan# 2571

Delta R.T. -0.00 min

Lab File: BM021342.D

Acq: 02 Jul 2019 14:34

Instrument :

BNA_M

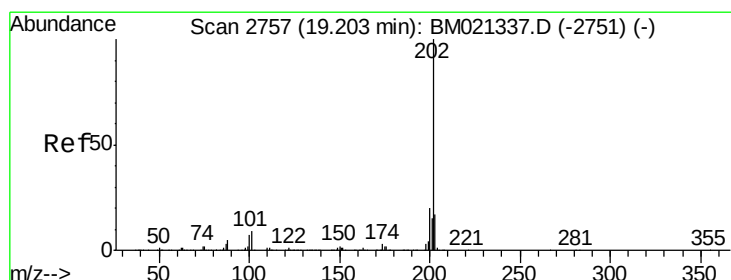
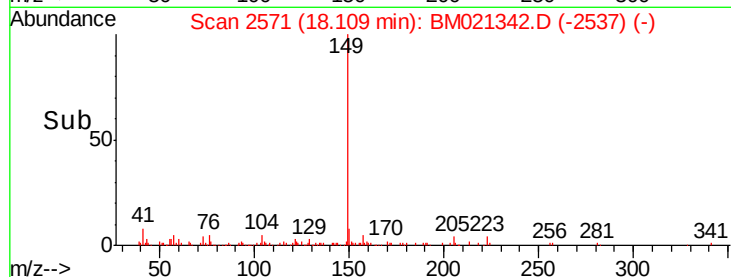
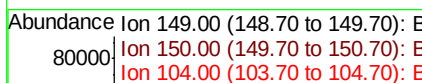
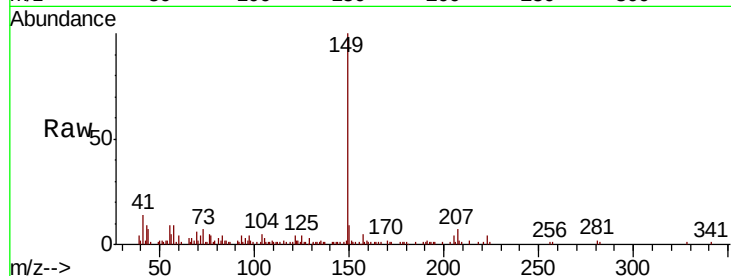
ClientSampleId :

C5BC7

Tot Ion:	149	Resp:	78931
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.3	10.9
104	4.6	3.8	5.8

Manual Integrations
APPROVED

mohammad
7/3/2019 10:50:22 PM



#76

Fluoranthene

Concen: 11.800 ng/ul

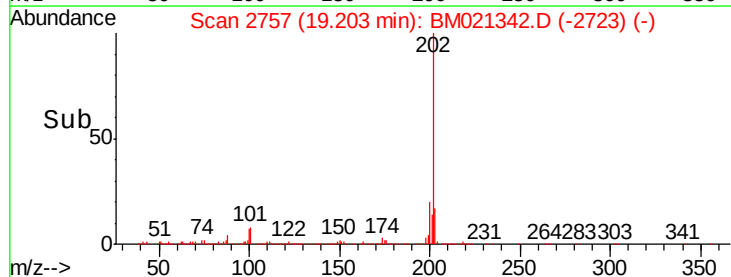
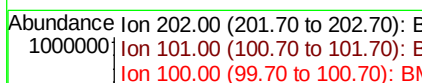
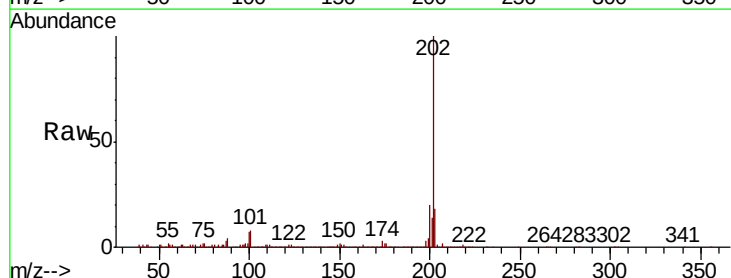
RT: 19.20 min Scan# 2757

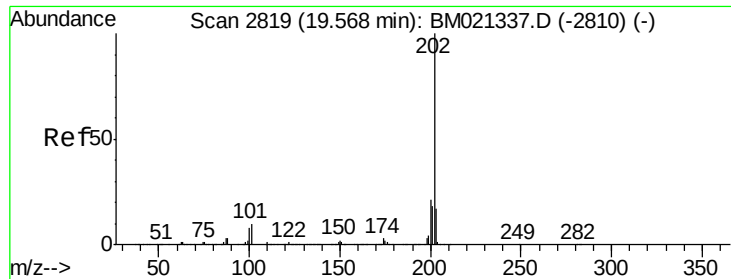
Delta R.T. -0.00 min

Lab File: BM021342.D

Acq: 02 Jul 2019 14:34

Tgt Ion:	202	Resp:	931576
Ion Ratio	Lower	Upper	
202	100		
101	8.3	6.7	10.1
100	6.7	5.5	8.3





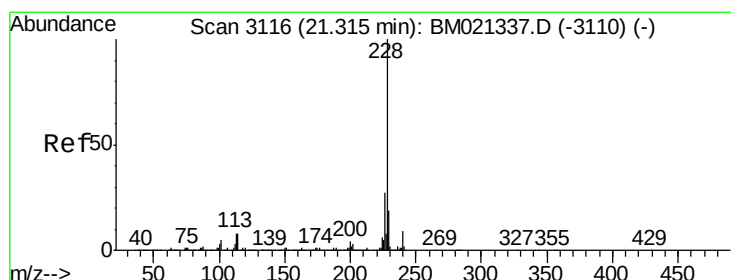
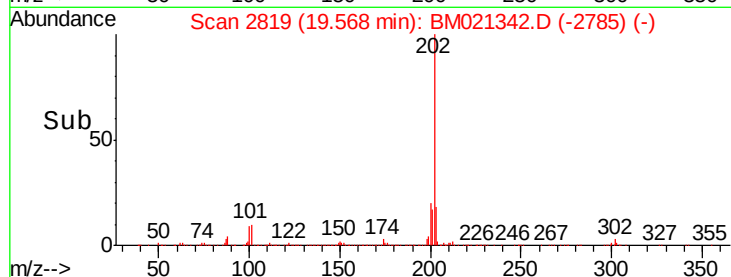
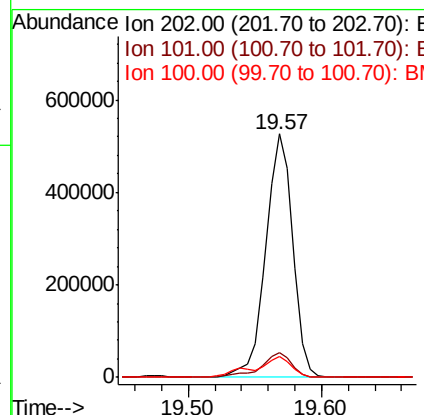
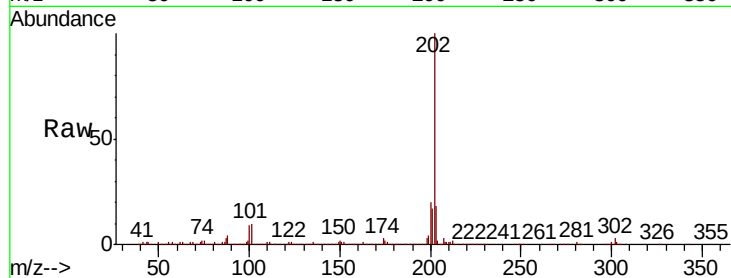
#79
Pvrene
Concen: 11.205 ng/ul
RT: 19.57 min Scan# 2819
Delta R.T. -0.00 min
Lab File: BM021342.D
Acq: 02 Jul 2019 14:34

Instrument :
BNA_M
ClientSampleId :
C5BC7

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.0	8.1	12.1
100	8.6	6.6	10.0

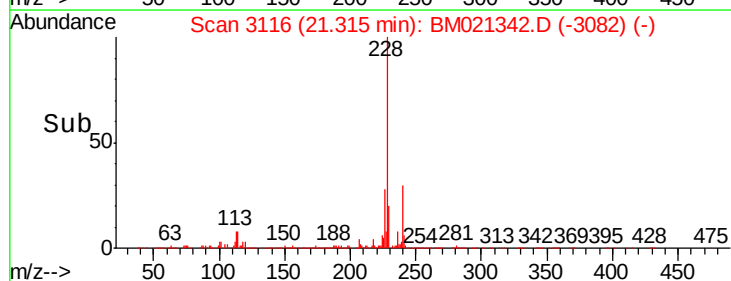
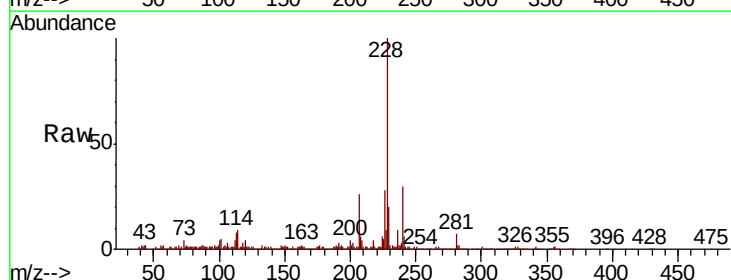
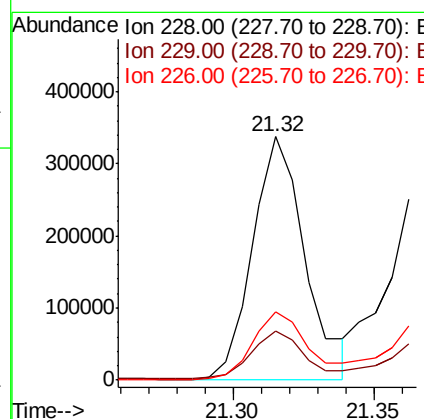
Manual Integrations
APPROVED

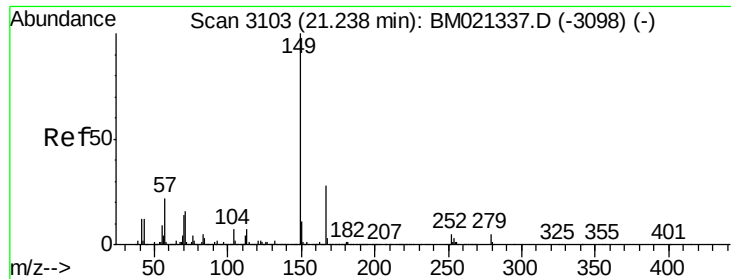
mohammad
7/3/2019 10:50:22 PM



#82
Benzo(a)anthracene
Concen: 6.877 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. -0.00 min
Lab File: BM021342.D
Acq: 02 Jul 2019 14:34

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.4	15.8	23.8
226	28.0	21.4	32.2





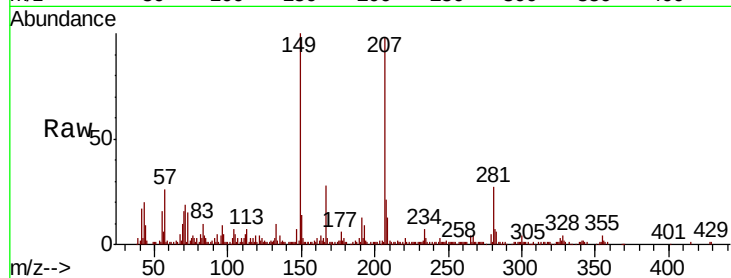
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.432 ng/ul
 RT: 21.24 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: BM021342.D
 Acq: 02 Jul 2019 14:34

Instrument :
 BNA_M
 ClientSampled :
 C5BC7

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.3	33.5
279	5.4	3.8	5.6

Manual Integrations
 APPROVED

mohammad
 7/3/2019 10:50:22 PM

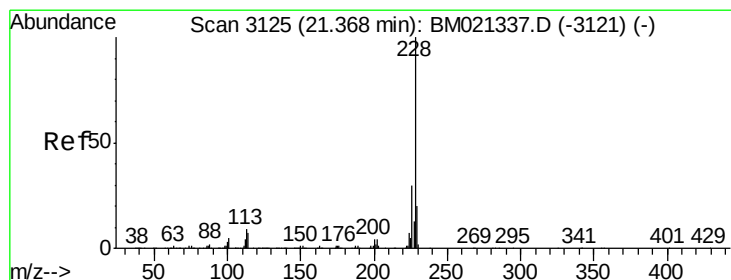
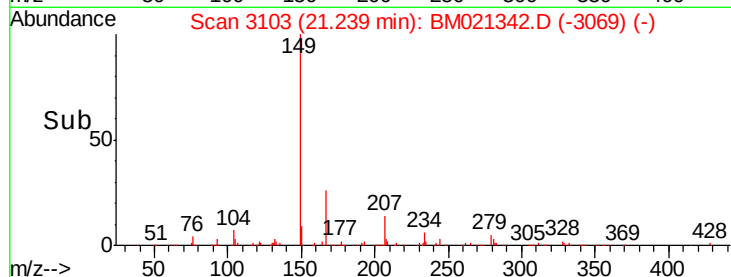
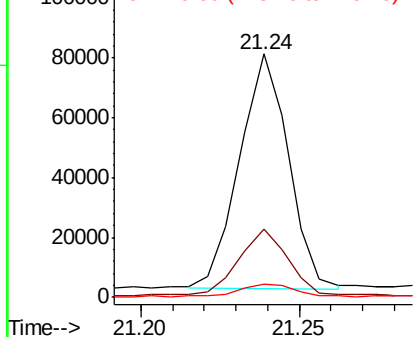


Abundance

Ion 149.00 (148.70 to 149.70): E

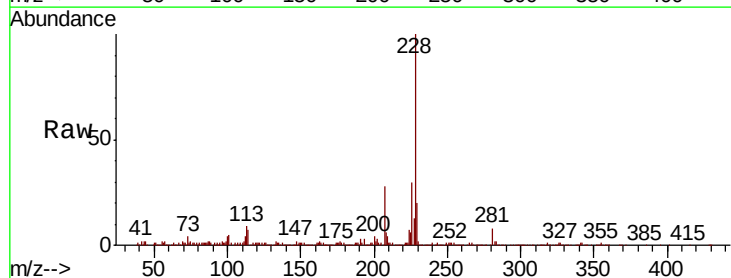
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Chrysene
 Concen: 7.668 ng/ul
 RT: 21.37 min Scan# 3125
 Delta R.T. -0.00 min
 Lab File: BM021342.D
 Acq: 02 Jul 2019 14:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	20.4	15.4	23.2

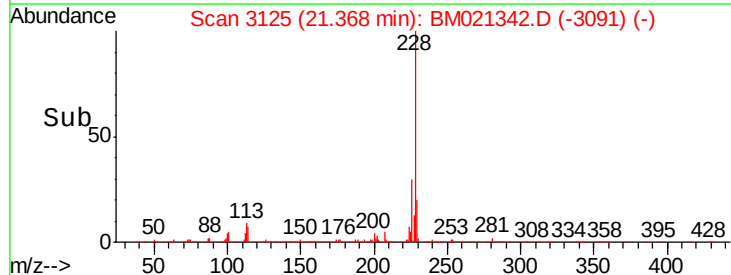
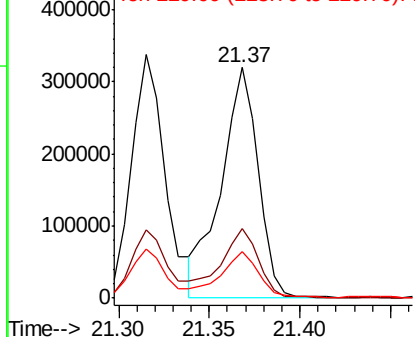


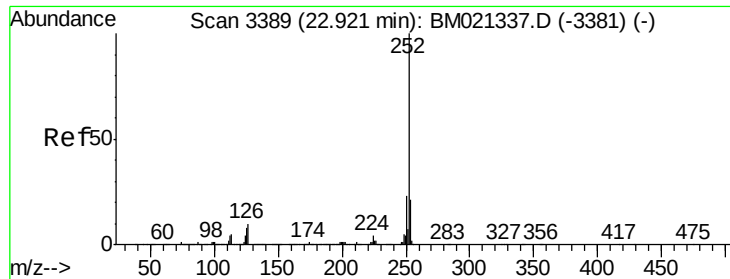
Abundance

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





#87

Benzo(b)fluoranthene

Concen: 10.490 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. 0.01 min

Lab File: BM021342.D

Acq: 02 Jul 2019 14:34

Instrument :

BNA_M

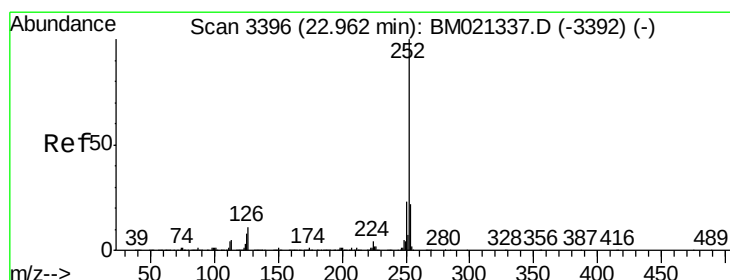
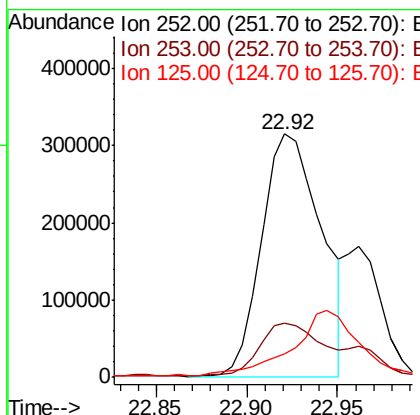
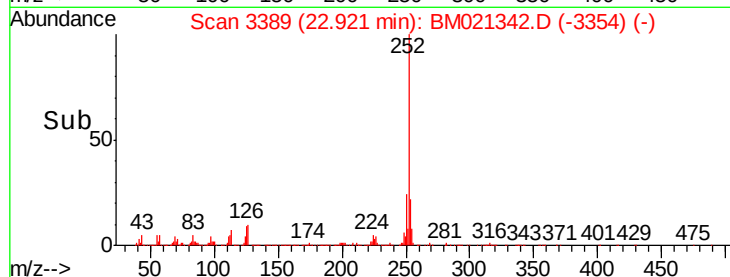
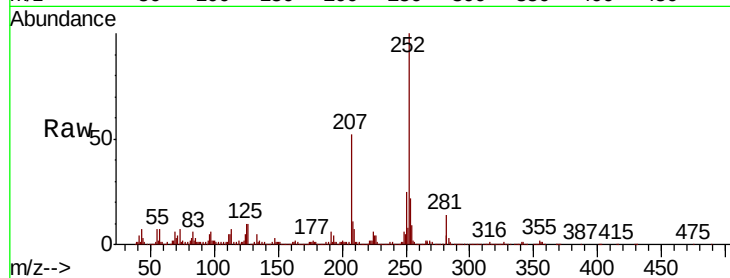
ClientSampleId :

C5BC7

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	9.6	6.3	9.5#

Manual Integrations
APPROVED

mohammad
7/3/2019 10:50:22 PM



#88

Benzo(k)fluoranthene

Concen: 3.604 ng/ul m

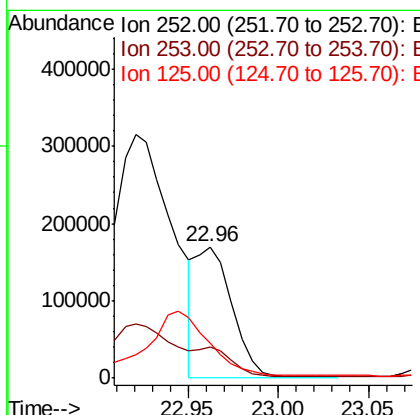
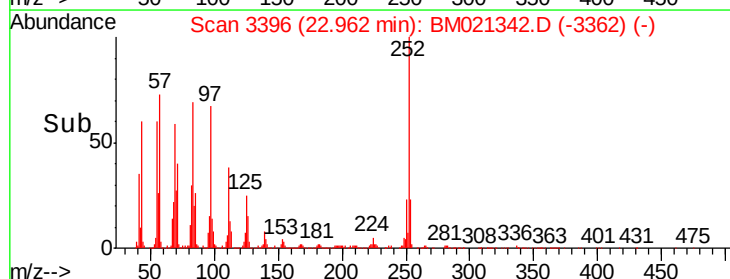
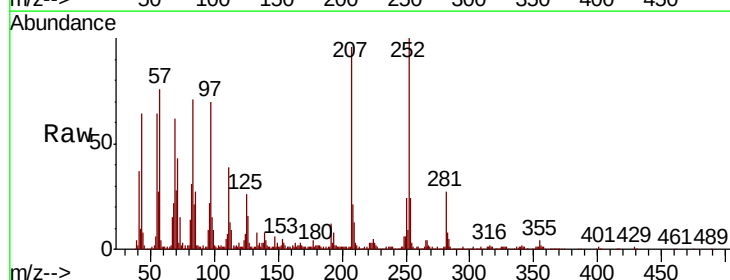
RT: 22.96 min Scan# 3396

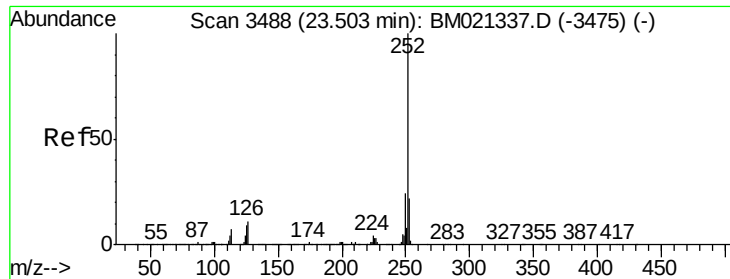
Delta R.T. -0.00 min

Lab File: BM021342.D

Acq: 02 Jul 2019 14:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	26.2	6.6	9.8#





#90

Benzo(a)pyrene

Concen: 6.311 ng/ul

RT: 23.50 min Scan# 3488

Delta R.T. 0.01 min

Lab File: BM021342.D

Acq: 02 Jul 2019 14:34

Instrument :

BNA_M

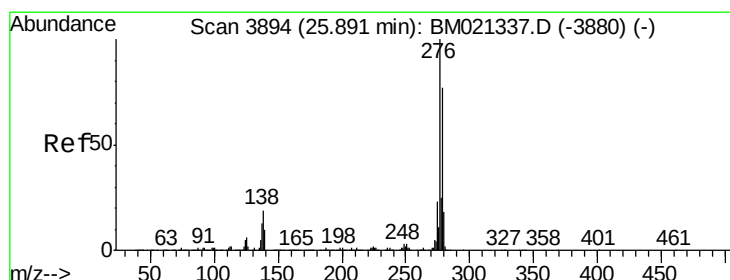
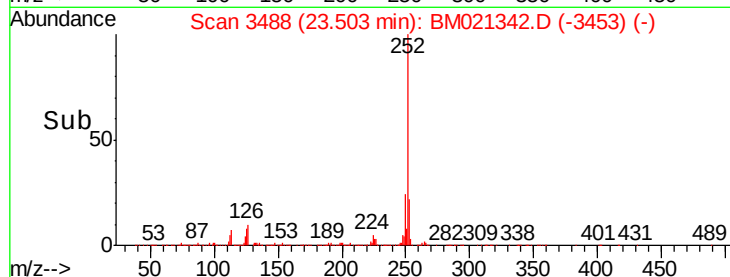
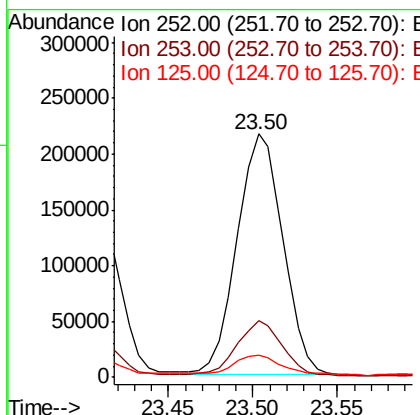
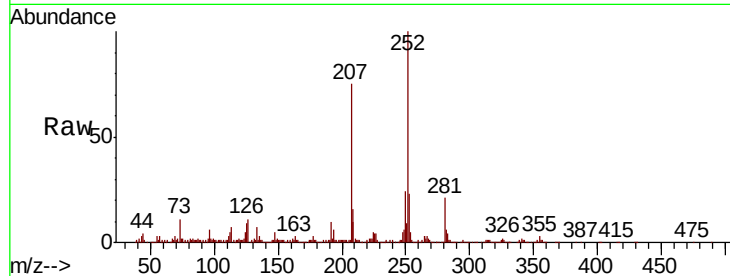
ClientSampleId :

C5BC7

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	9.3	7.2	10.8

Manual Integrations
APPROVED

mohammad
7/3/2019 10:50:22 PM



#91

Indeno(1,2,3-cd)pyrene

Concen: 4.463 ng/ul

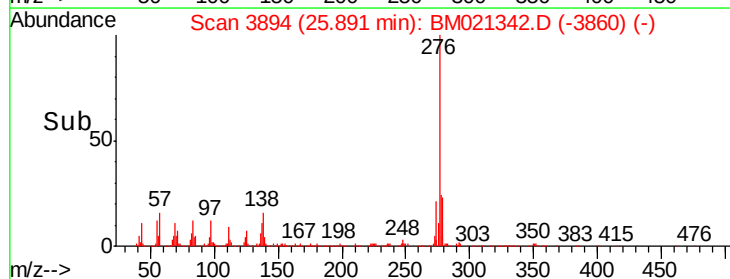
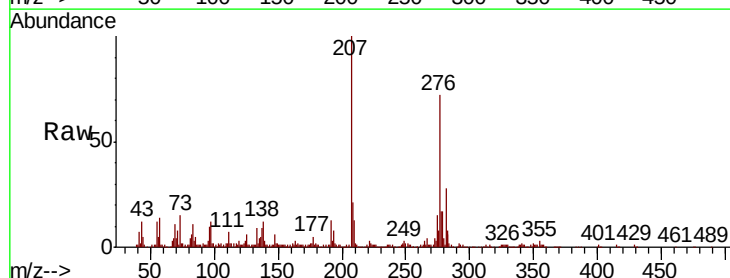
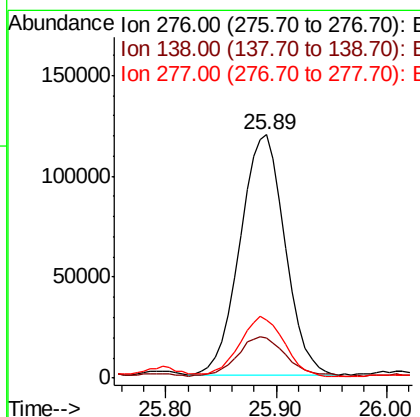
RT: 25.89 min Scan# 3894

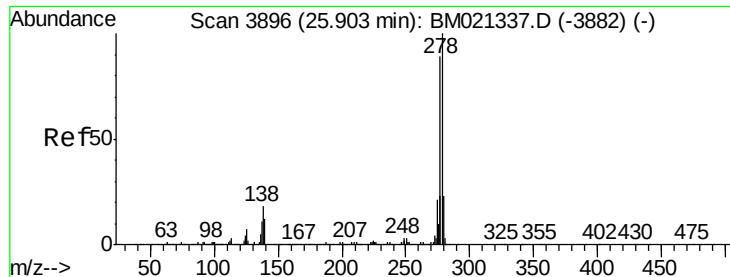
Delta R.T. -0.00 min

Lab File: BM021342.D

Acq: 02 Jul 2019 14:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.2	15.9	23.9
277	24.0	20.4	30.6





#92

Dibenzo(a,h)anthracene

Concen: 1.432 ng/ul

RT: 25.89 min Scan# 3894

Delta R.T. -0.01 min

Lab File: BM021342.D

Acq: 02 Jul 2019 14:34

Instrument :

BNA_M

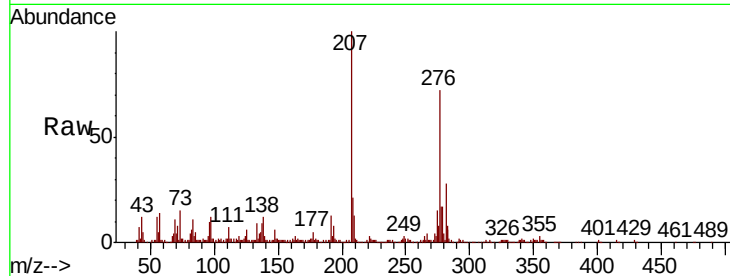
ClientSampleId :

C5BC7

Tot Ion:	278	Resp:	92000
Ion Ratio	Lower	Upper	
278	100		
139	19.1	10.6	15.8#
279	23.9	19.0	28.4

Manual Integrations
APPROVED

mohammad
7/3/2019 10:50:22 PM

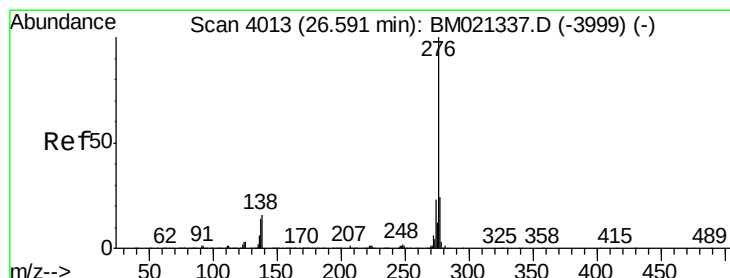
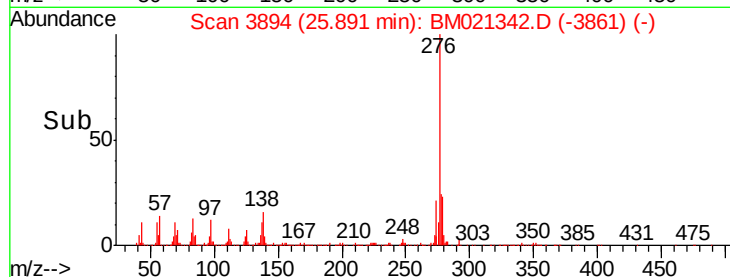
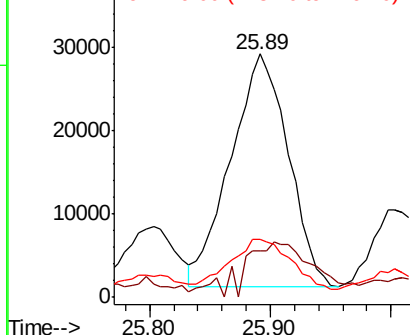


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 4.105 ng/ul

RT: 26.59 min Scan# 4013

Delta R.T. -0.00 min

Lab File: BM021342.D

Acq: 02 Jul 2019 14:34

Tgt Ion:	276	Resp:	258233
Ion Ratio	Lower	Upper	
276	100		
138	17.4	14.6	21.8
277	23.1	18.9	28.3

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

