

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
 Data File : BP001817.D
 Acq On : 20 Feb 2020 23:29
 Operator : CG/JU
 Sample : L1418-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C5B21

Manual Integrations
 APPROVED

mohammad
 2/21/2020 2:18:23 PM

Quant Time: Feb 21 08:42:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 21 07:12:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	388544	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1612235	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	989292	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2135335	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1998537	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	2096681	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	30226	3.23	ng/uL	0.00
5) Phenol-d5	6.84	99	628457	21.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	347329	20.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	553262	23.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	462050	19.84	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	263994	24.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	293177	29.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	565455	24.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	486990	17.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1668007	24.03	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	2040907	23.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	245384	20.30	ng/ul	0.00
58) Fluorene-d10	15.29	176	1495902	23.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	153492m	18.23	ng/ul	0.00
71) Anthracene-d10	17.15	188	2236386	23.77	ng/ul	0.00
79) Pyrene-d10	19.39	212	2528317	24.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	2568999	25.37	ng/ul	0.00

Target Compounds				Ovalue		
6) Phenol	6.86	94	32739	1.052	ng/ul	90
14) Acetophenone	8.48	105	39149	1.088	ng/ul	95
45) Dimethylphthalate	13.76	163	338625	4.634	ng/ul	99
69) Pentachlorophenol	16.70	266	53305	4.071	ng/ul	99
70) Phenanthrene	17.09	178	803575	6.824	ng/ul	100
72) Anthracene	17.17	178	218673	1.880	ng/ul	98
77) Fluoranthene	19.06	202	1894948	15.027	ng/ul	98
80) Pyrene	19.42	202	1732107	12.742	ng/ul	98
83) Benzo(a)anthracene	21.12	228	936143	7.113	ng/ul	97
85) Chrysene	21.17	228	870526	6.771	ng/ul	97
88) Benzo(b)fluoranthene	22.69	252	1066499	8.645	ng/ul	98
89) Benzo(k)fluoranthene	22.73	252	404799m	3.165	ng/ul	
91) Benzo(a)pyrene	23.26	252	820291	7.095	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.59	276	551446	3.818	ng/ul	97
93) Dibenzo(a,h)anthracene	25.59	278	144654	1.193	ng/ul#	79
94) Benzo(g,h,i)perylene	26.26	276	525851	4.283	ng/ul	97

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

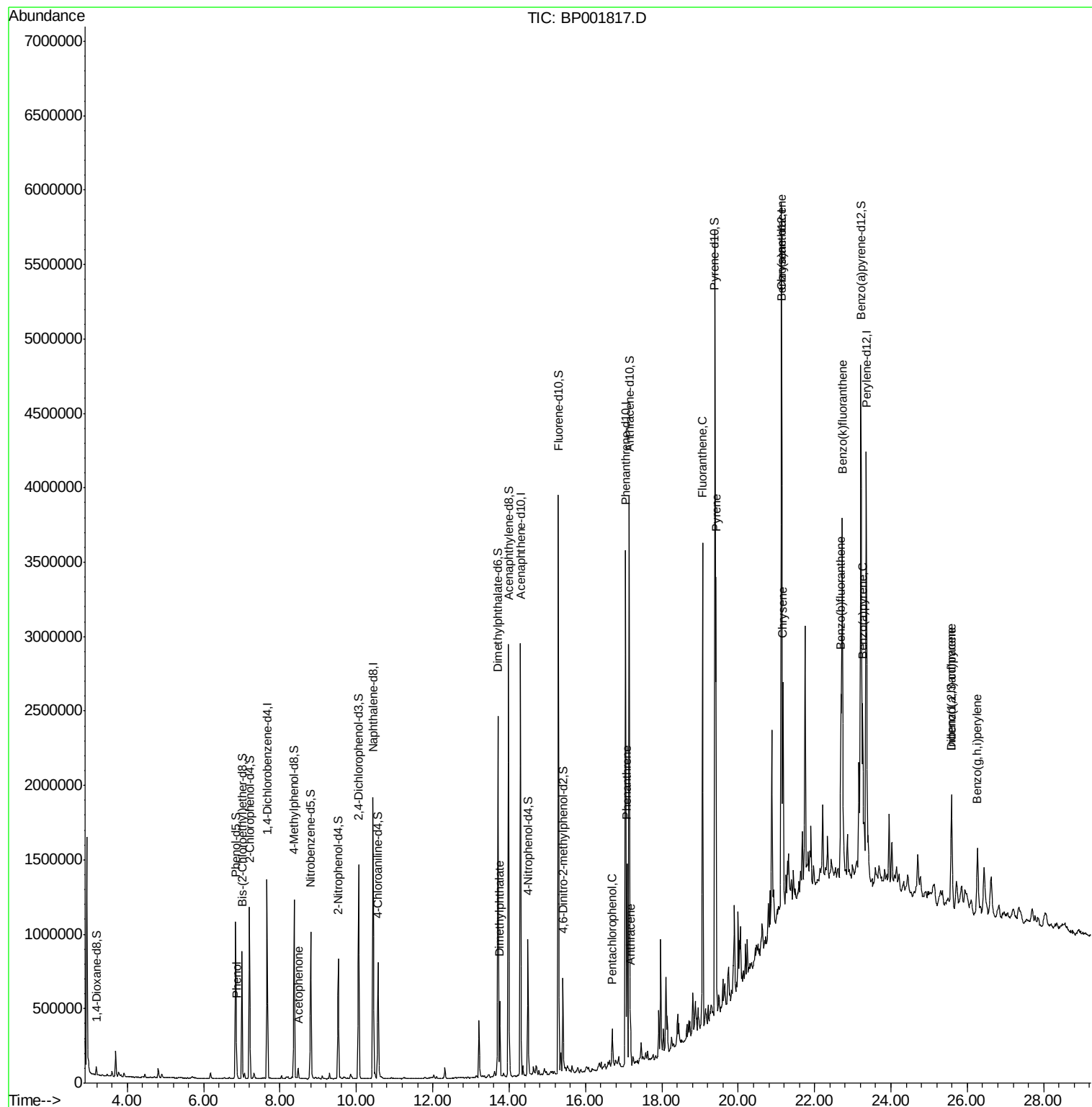
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001817.D
Acq On : 20 Feb 2020 23:29
Operator : CG/JU
Sample : L1418-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

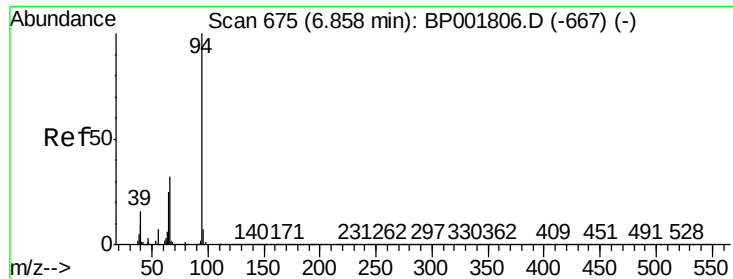
Instrument :
BNA_P
ClientSampleId :
C5B21

Quant Time: Feb 21 08:42:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 07:12:24 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
2/21/2020 2:18:23 PM





#6

Phenol

Concen: 1.052 ng/ul

RT: 6.86 min Scan# 676

Delta R.T. 0.01 min

Lab File: BP001817.D

Acq: 20 Feb 2020 23:29

Instrument :

BNA_P

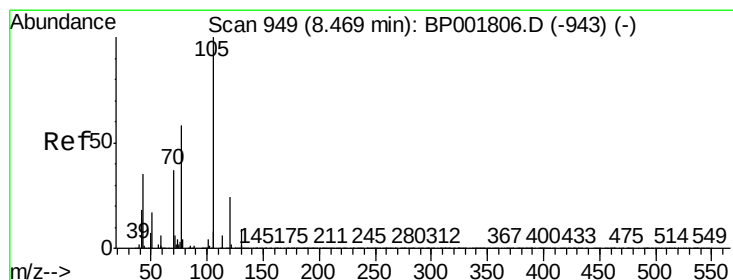
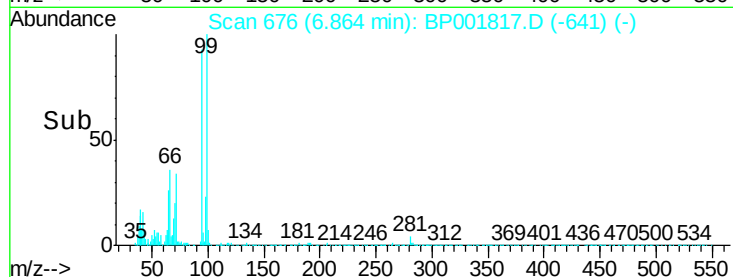
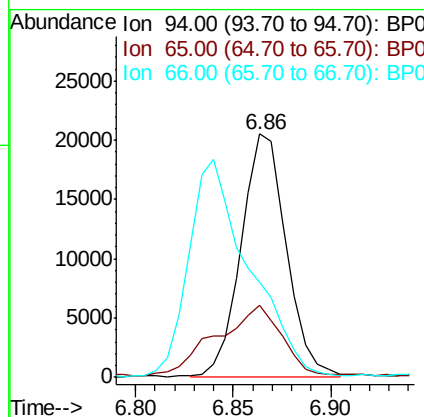
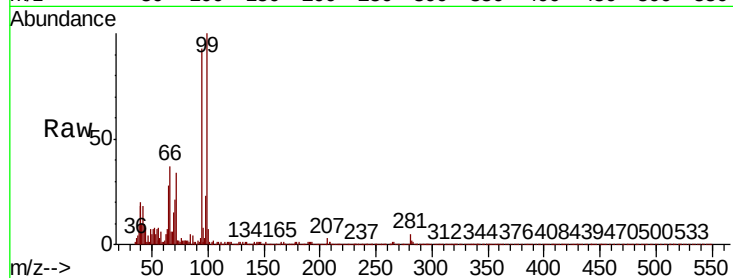
ClientSampled :

C5B21

Tot Ion:	94	Resp:	32739
Ion Ratio	Lower	Upper	
94	100		
65	29.5	19.8	29.6
66	39.2	26.6	39.8

Manual Integrations
APPROVED

mohammad
2/21/2020 2:18:23 PM



#14

Acetophenone

Concen: 1.088 ng/ul

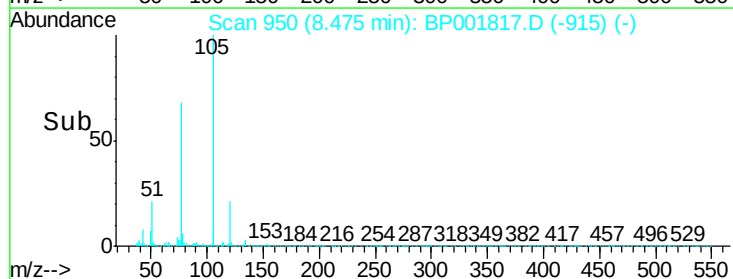
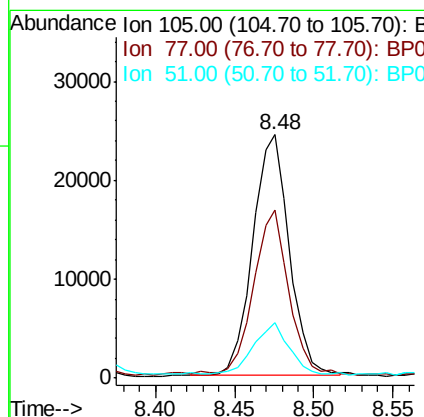
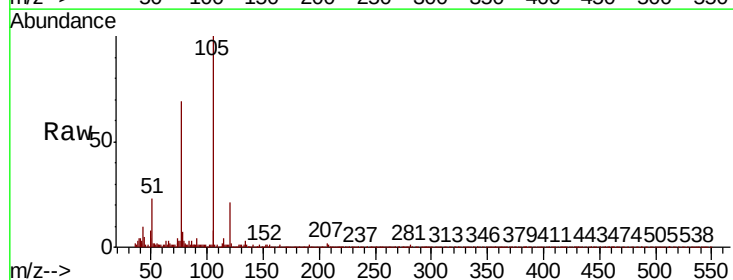
RT: 8.48 min Scan# 950

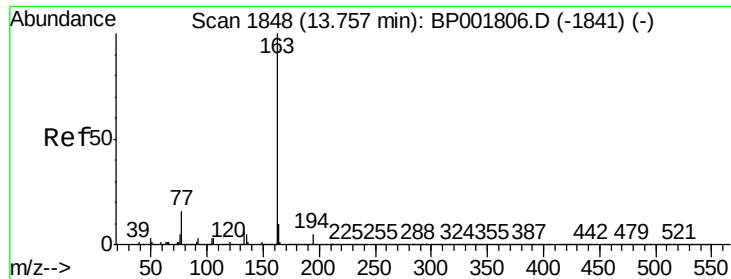
Delta R.T. 0.01 min

Lab File: BP001817.D

Acq: 20 Feb 2020 23:29

Tgt Ion:	105	Resp:	39149
Ion Ratio	Lower	Upper	
105	100		
77	68.9	59.8	89.6
51	22.6	17.9	26.9





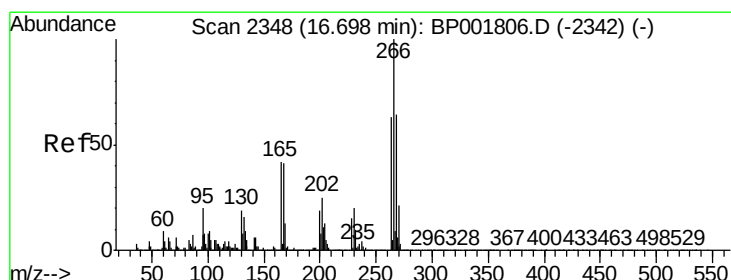
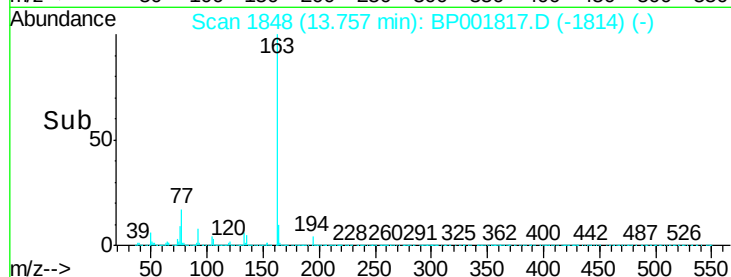
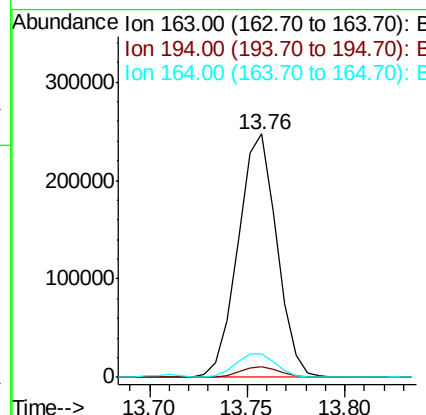
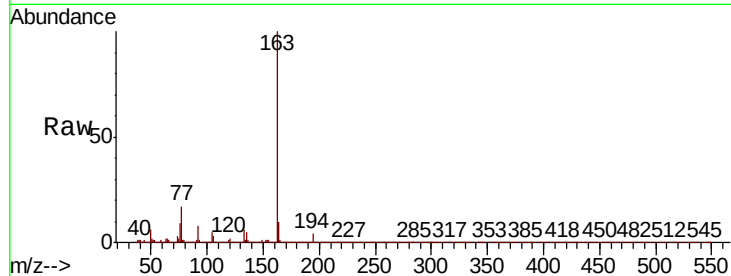
#45
Dimethylphthalate
Concen: 4.634 ng/ul
RT: 13.76 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BP001817.D
Acq: 20 Feb 2020 23:29

Instrument :
BNA_P
ClientSampleId :
C5B21

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.2	3.5	5.3	
164	9.6	8.0	12.0	

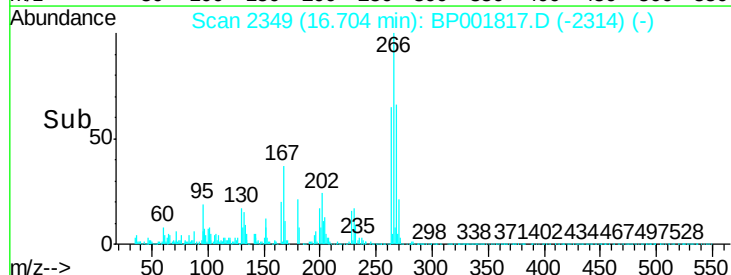
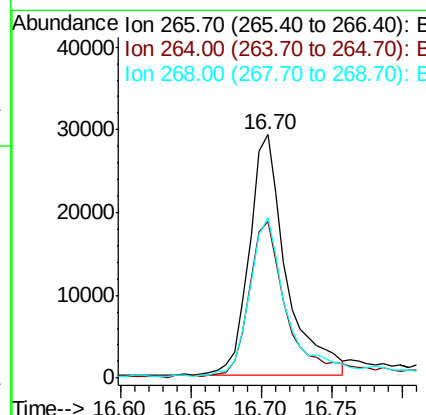
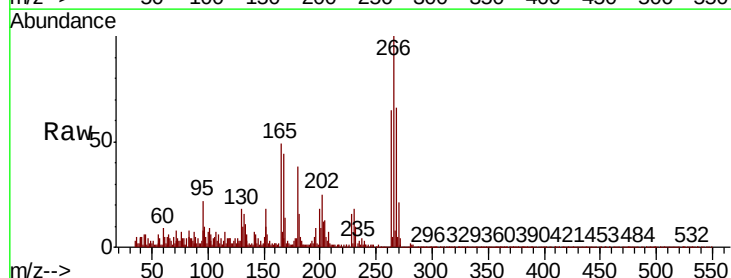
Manual Integrations
APPROVED

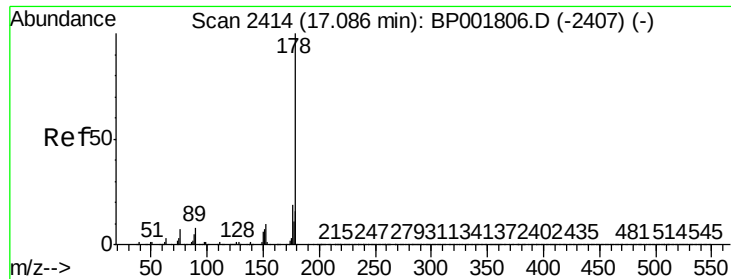
mohammad
2/21/2020 2:18:23 PM



#69
Pentachlorophenol
Concen: 4.071 ng/ul
RT: 16.70 min Scan# 2349
Delta R.T. 0.01 min
Lab File: BP001817.D
Acq: 20 Feb 2020 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
264	64.6	51.1	76.7	
268	65.9	51.5	77.3	





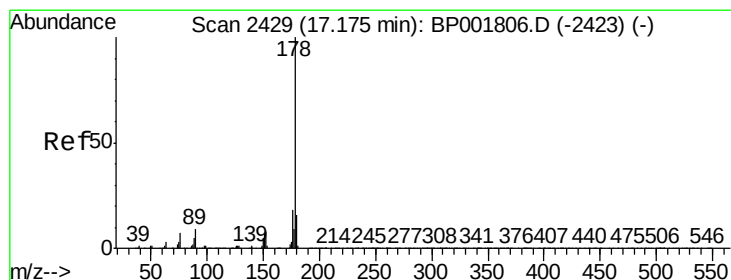
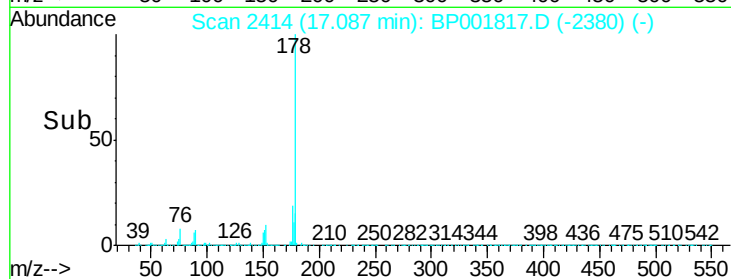
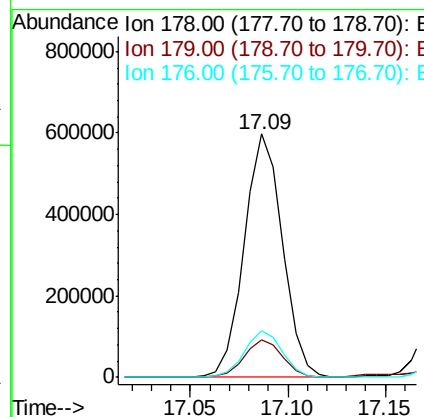
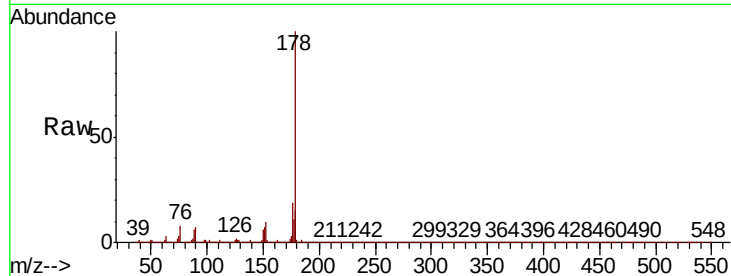
#70
Phenanthrene
Concen: 6.824 ng/ul
RT: 17.09 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BP001817.D
Acq: 20 Feb 2020 23:29

Instrument :
BNA_P
ClientSampleId :
C5B21

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.2	15.3	22.9

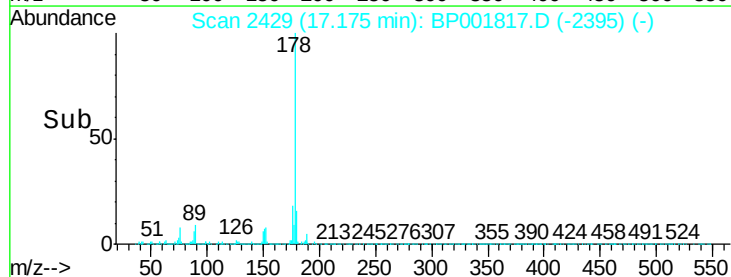
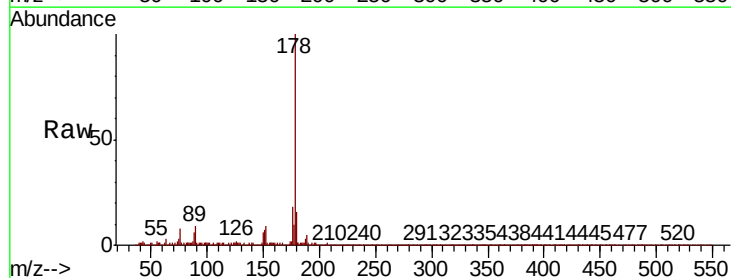
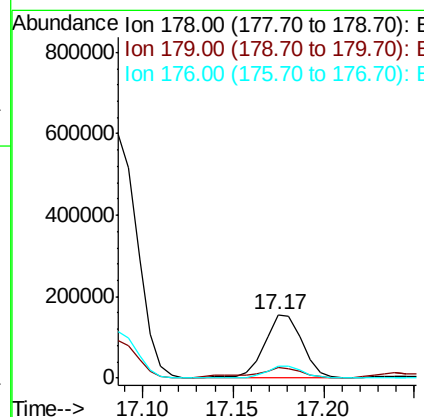
Manual Integrations
APPROVED

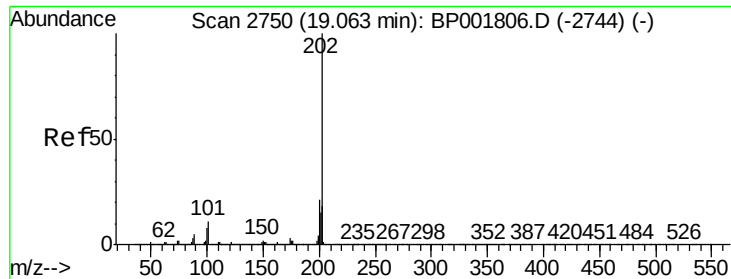
mohammad
2/21/2020 2:18:23 PM



#72
Anthracene
Concen: 1.880 ng/ul
RT: 17.17 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BP001817.D
Acq: 20 Feb 2020 23:29

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.4	18.6
176	17.9	14.8	22.2





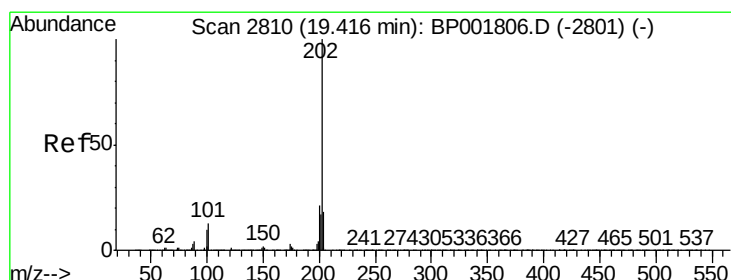
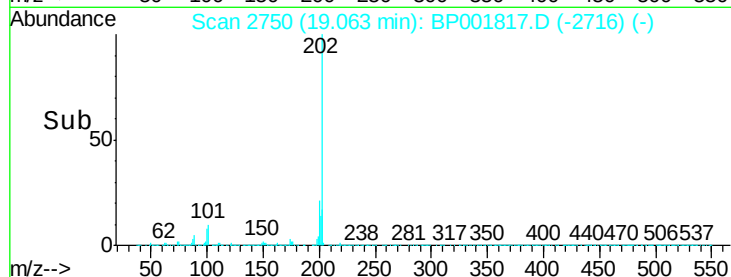
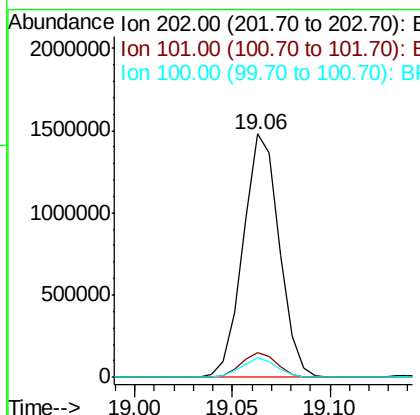
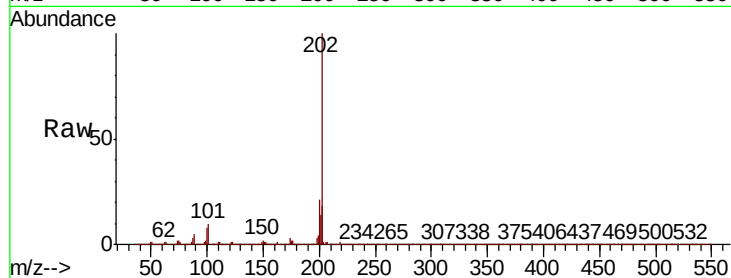
#77
Fluoranthene
Concen: 15.027 ng/ul
RT: 19.06 min Scan# 2750
Delta R.T. 0.00 min
Lab File: BP001817.D
Acq: 20 Feb 2020 23:29

Instrument :
BNA_P
ClientSampleId :
C5B21

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1894948		
101	10.3	9.1	13.7		
100	7.9	6.6	9.8		

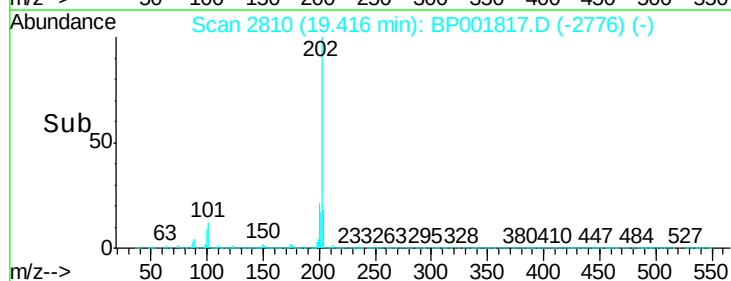
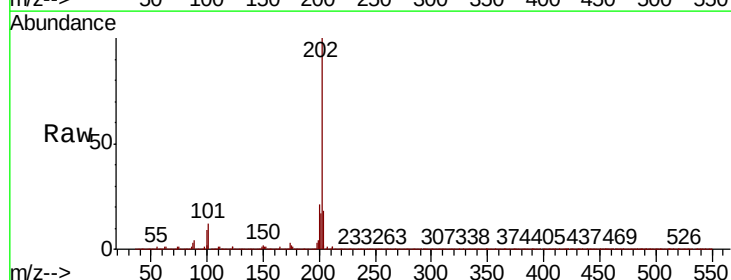
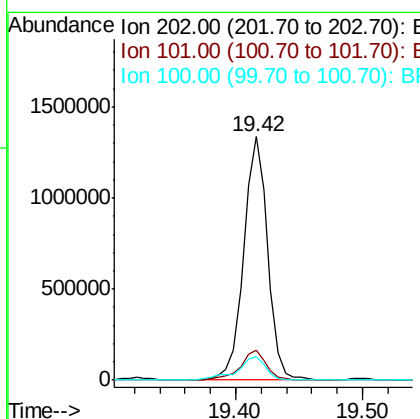
Manual Integrations
APPROVED

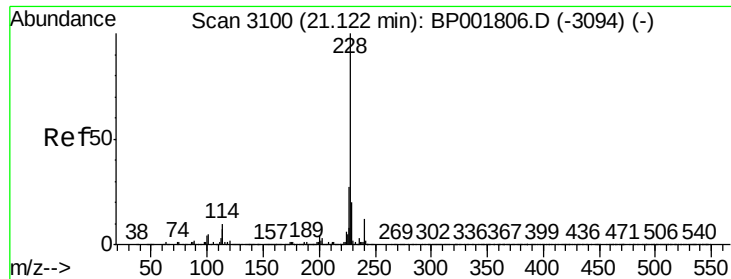
mohammad
2/21/2020 2:18:23 PM



#80
Pyrene
Concen: 12.742 ng/ul
RT: 19.42 min Scan# 2810
Delta R.T. 0.00 min
Lab File: BP001817.D
Acq: 20 Feb 2020 23:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1732107		
101	12.0	10.2	15.2		
100	9.4	8.2	12.2		





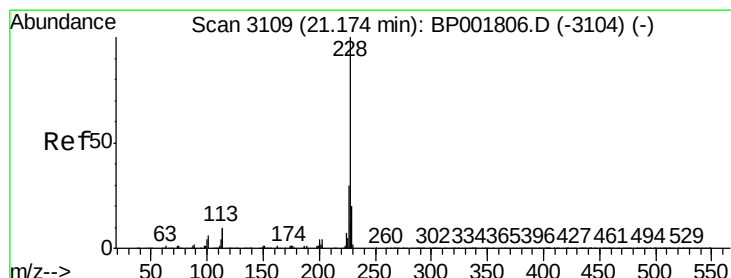
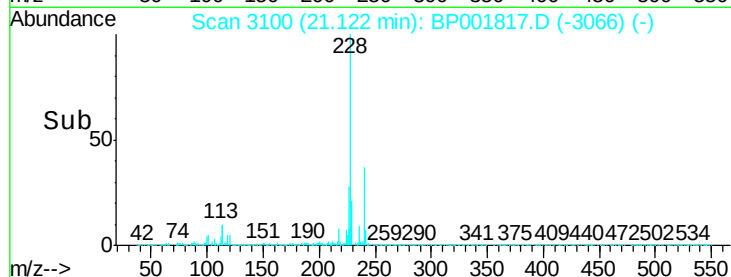
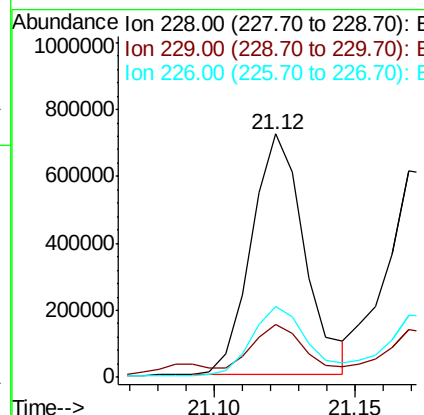
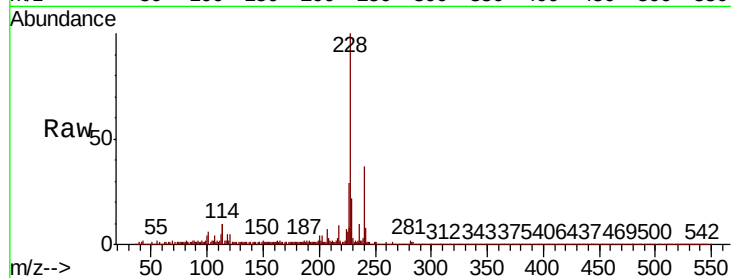
#83
Benzo(a)anthracene
Concen: 7.113 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BP001817.D
Acq: 20 Feb 2020 23:29

Instrument :
BNA_P
ClientSampled :
C5B21

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.2	24.4
226	28.9	22.0	33.0

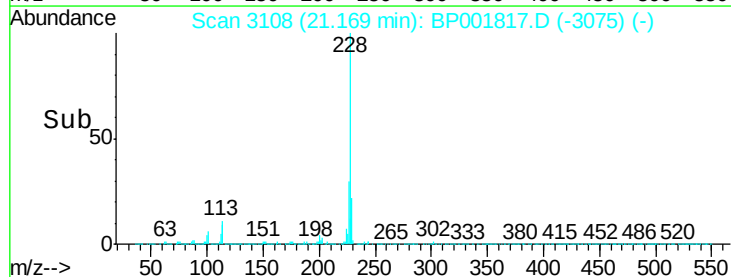
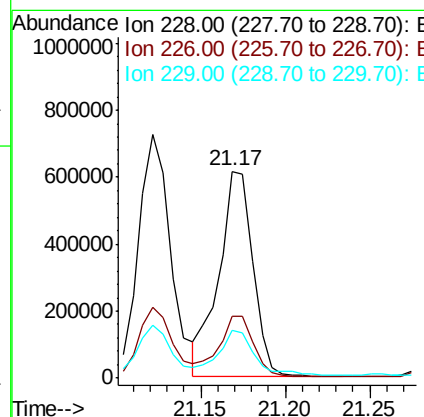
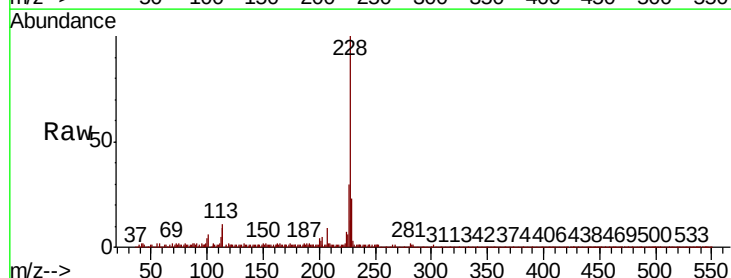
Manual Integrations
APPROVED

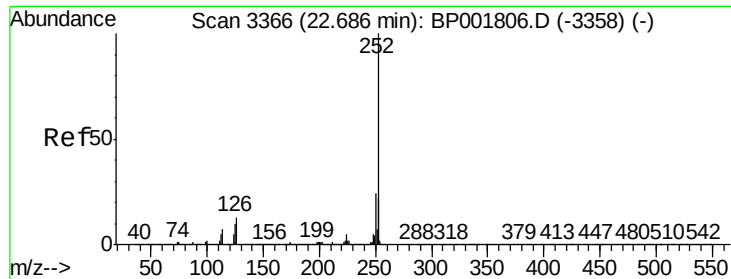
mohammad
2/21/2020 2:18:23 PM



#85
Chrysene
Concen: 6.771 ng/ul
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP001817.D
Acq: 20 Feb 2020 23:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	22.8	15.7	23.5





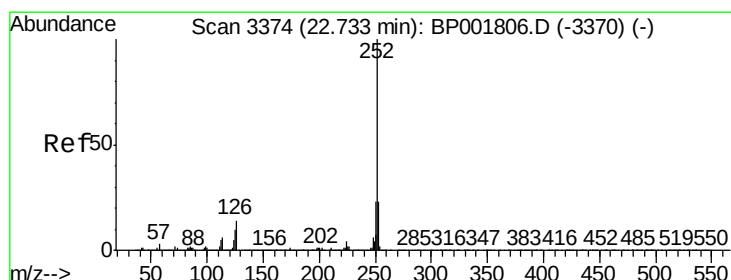
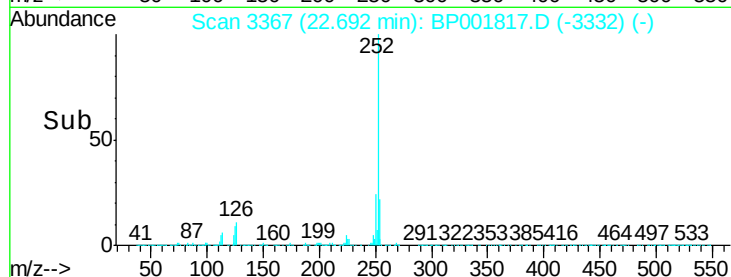
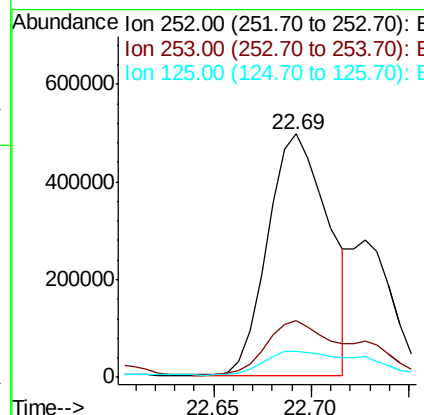
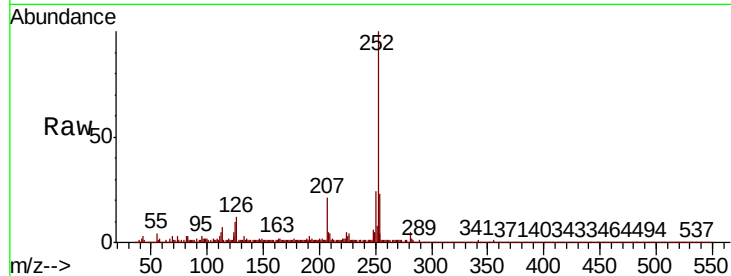
#88
Benzo(b)fluoranthene
Concen: 8.645 ng/ul
RT: 22.69 min Scan# 3367
Delta R.T. 0.01 min
Lab File: BP001817.D
Acq: 20 Feb 2020 23:29

Instrument :
BNA_P
ClientSampleId :
C5B21

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	10.5	7.8	11.6

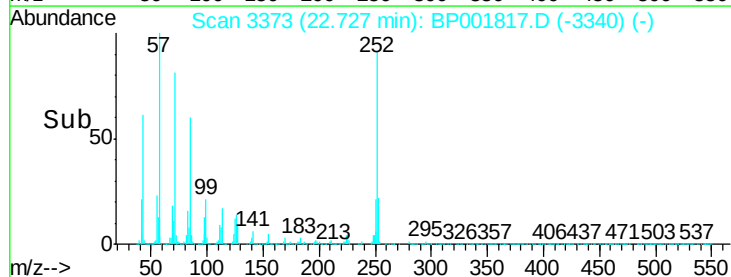
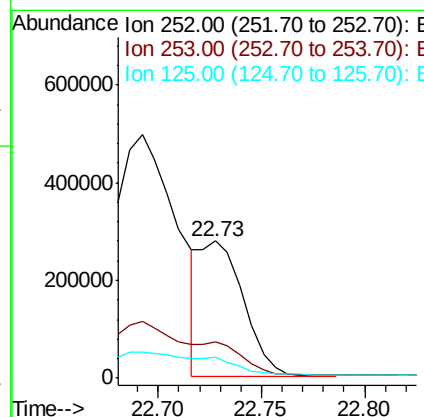
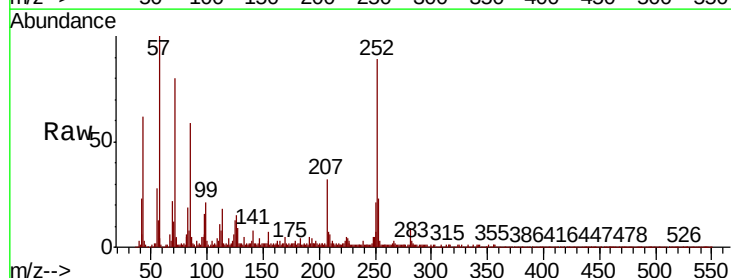
Manual Integrations
APPROVED

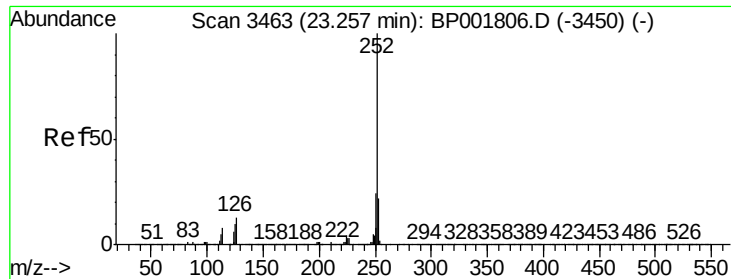
mohammad
2/21/2020 2:18:23 PM



#89
Benzo(k)fluoranthene
Concen: 3.165 ng/ul m
RT: 22.73 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BP001817.D
Acq: 20 Feb 2020 23:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.8	26.6
125	15.1	8.0	12.0#





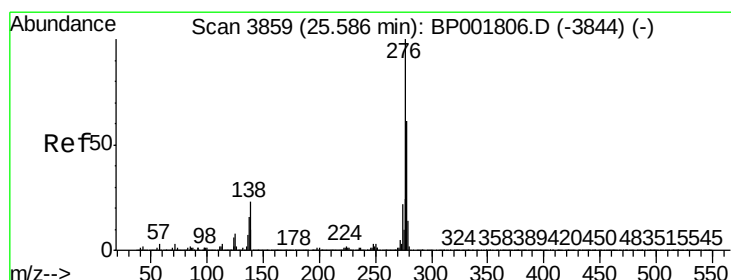
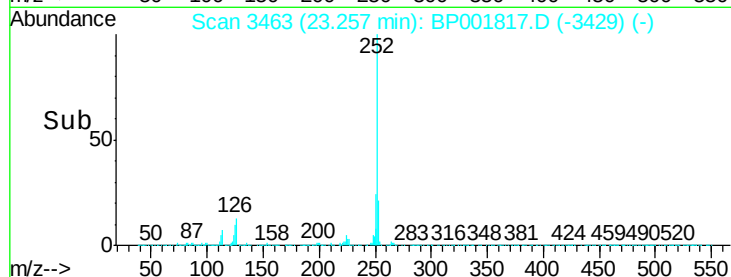
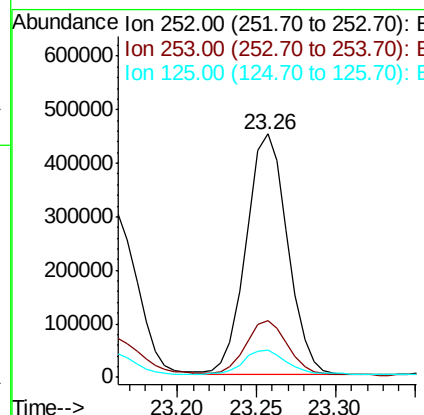
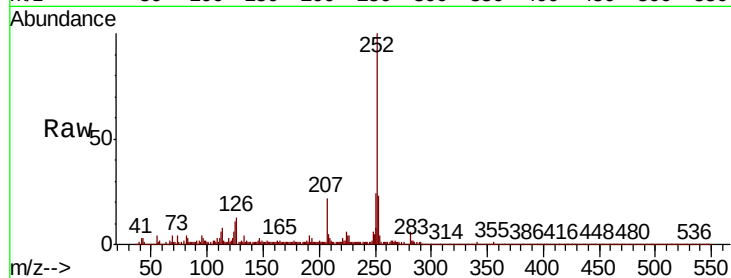
#91
Benzo(a)pyrene
Concen: 7.095 ng/ul
RT: 23.26 min Scan# 3463
Delta R.T. 0.00 min
Lab File: BP001817.D
Acq: 20 Feb 2020 23:29

Instrument :
BNA_P
ClientSampleId :
C5B21

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	11.3	8.3	12.5

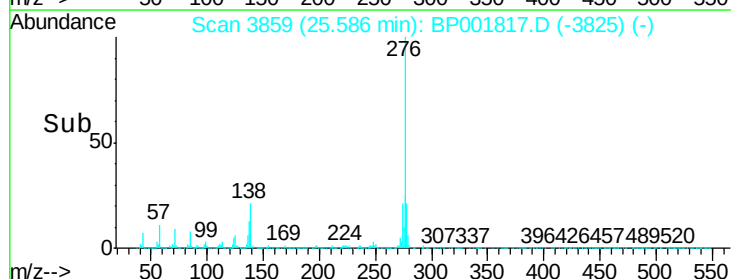
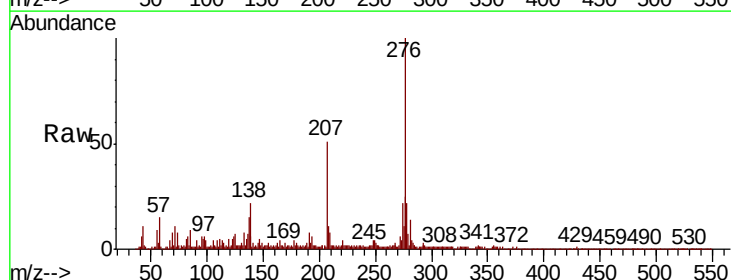
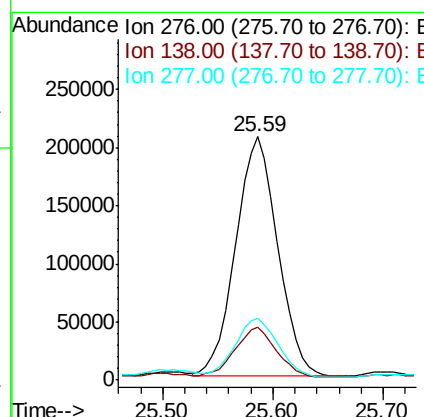
Manual Integrations
APPROVED

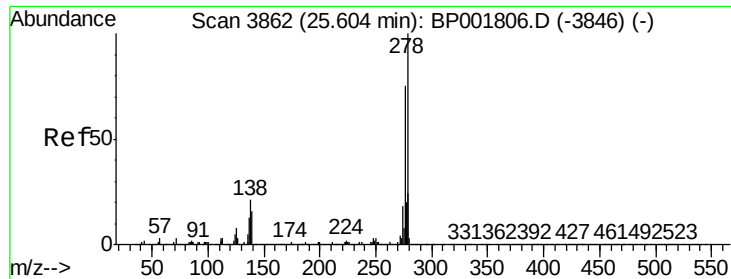
mohammad
2/21/2020 2:18:23 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 3.818 ng/ul
RT: 25.59 min Scan# 3859
Delta R.T. 0.00 min
Lab File: BP001817.D
Acq: 20 Feb 2020 23:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	19.3	28.9
277	25.3	20.0	30.0





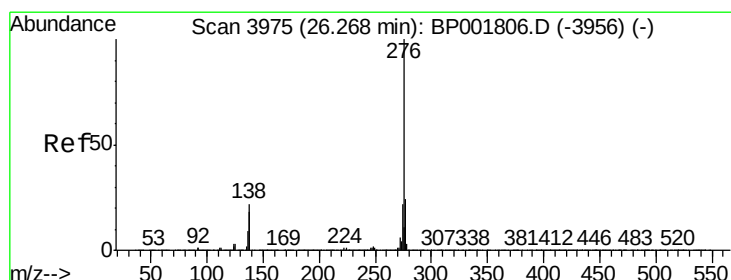
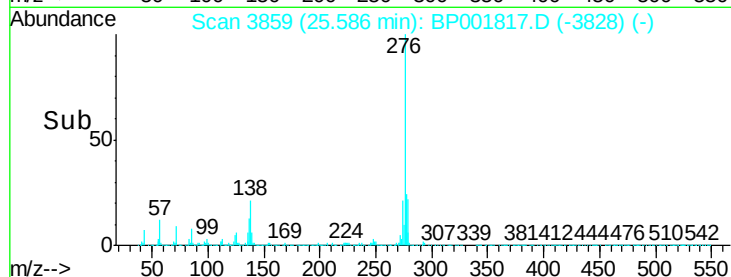
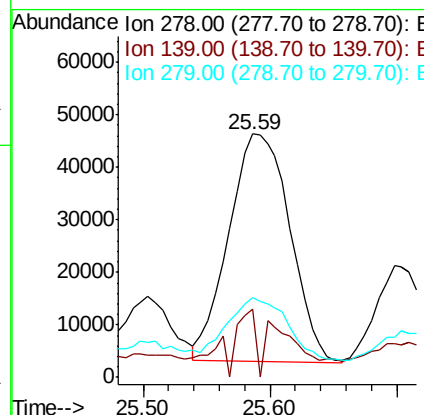
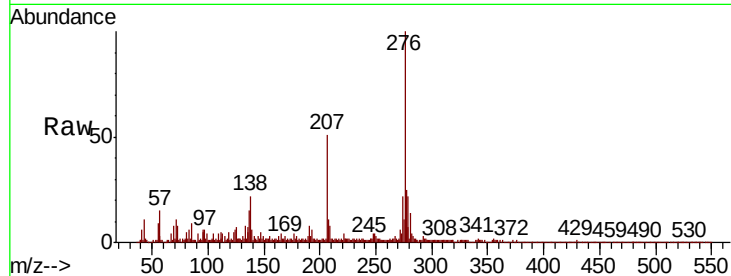
#93
Dibenzo(a,h)anthracene
Concen: 1.193 ng/ul
RT: 25.59 min Scan# 3859
Delta R.T. -0.02 min
Lab File: BP001817.D
Acq: 20 Feb 2020 23:29

Instrument :
BNA_P
ClientSampleId :
C5B21

Tot Ion	Ratio	Lower	Upper
278	100		
139	27.9	13.3	19.9#
279	32.8	19.3	28.9#

Manual Integrations
APPROVED

mohammad
2/21/2020 2:18:23 PM



#94
Benzo(g,h,i)perylene
Concen: 4.283 ng/ul
RT: 26.26 min Scan# 3974
Delta R.T. -0.01 min
Lab File: BP001817.D
Acq: 20 Feb 2020 23:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	17.7	26.5
277	25.7	18.8	28.2

