

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
 Data File : BP000148.D
 Acq On : 09 Sep 2019 21:40
 Operator : HP/JU
 Sample : K4634-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleID :
 F2D21

Manual Integrations
 APPROVED

mohammad
 9/10/2019 2:52:31 PM

Quant Time: Sep 10 05:11:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 10 02:43:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	362790	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1400851	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	770527	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1394896	20.00	ng/ul	0.00
78) Chrysene-d12	14.14	240	1132927	20.00	ng/ul	0.00
86) Perylene-d12	15.68	264	1157755	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.60	96	32997	3.23	ng/uL	0.00
5) Phenol-d5	6.50	99	589064	19.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	311629	19.29	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	487685	19.52	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	437190	18.83	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	226565	21.30	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	237549	22.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.01	165	437136	19.89	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	491607	18.09	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1250875	21.99	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1511649	21.50	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	161905	15.93	ng/ul	0.00
58) Fluorene-d10	10.46	176	1044236	21.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.52	200	109529	17.08	ng/ul	0.00
71) Anthracene-d10	11.50	188	1516735	22.45	ng/ul	0.00
79) Pyrene-d10	12.89	212	1648596	24.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.59	264	1461440	24.35	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.52	94	106394	3.304	ng/ul	96
14) Acetophenone	7.29	105	69135	1.985	ng/ul	100
45) Dimethylphthalate	9.65	163	315648	5.498	ng/ul	99
50) Acenaphthene	9.98	153	150861	2.964	ng/ul	98
59) Fluorene	10.49	166	90629	1.678	ng/ul	100
70) Phenanthrene	11.47	178	1894884	22.971	ng/ul	99
72) Anthracene	11.52	178	342275	4.217	ng/ul	100
75) Carbazole	11.67	167	292330	4.212	ng/ul	98
77) Fluoranthene	12.69	202	3898258	46.853	ng/ul	98
80) Pyrene	12.92	202	3160581	36.977	ng/ul	99
83) Benzo(a)anthracene	14.13	228	1784444	21.759	ng/ul	99
85) Chrysene	14.16	228	1920199	25.516	ng/ul	96
88) Benzo(b)fluoranthene	15.23	252	2818955m	36.737	ng/ul	
89) Benzo(k)fluoranthene	15.25	252	675477m	9.339	ng/ul	
91) Benzo(a)pyrene	15.62	252	1567424	21.771	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	17.25	276	1274445	15.387	ng/ul	99
93) Dibenzo(a,h)anthracene	17.26	278	324269	4.727	ng/ul	95
94) Benzo(g,h,i)perylene	17.71	276	1210929	17.535	ng/ul	99

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

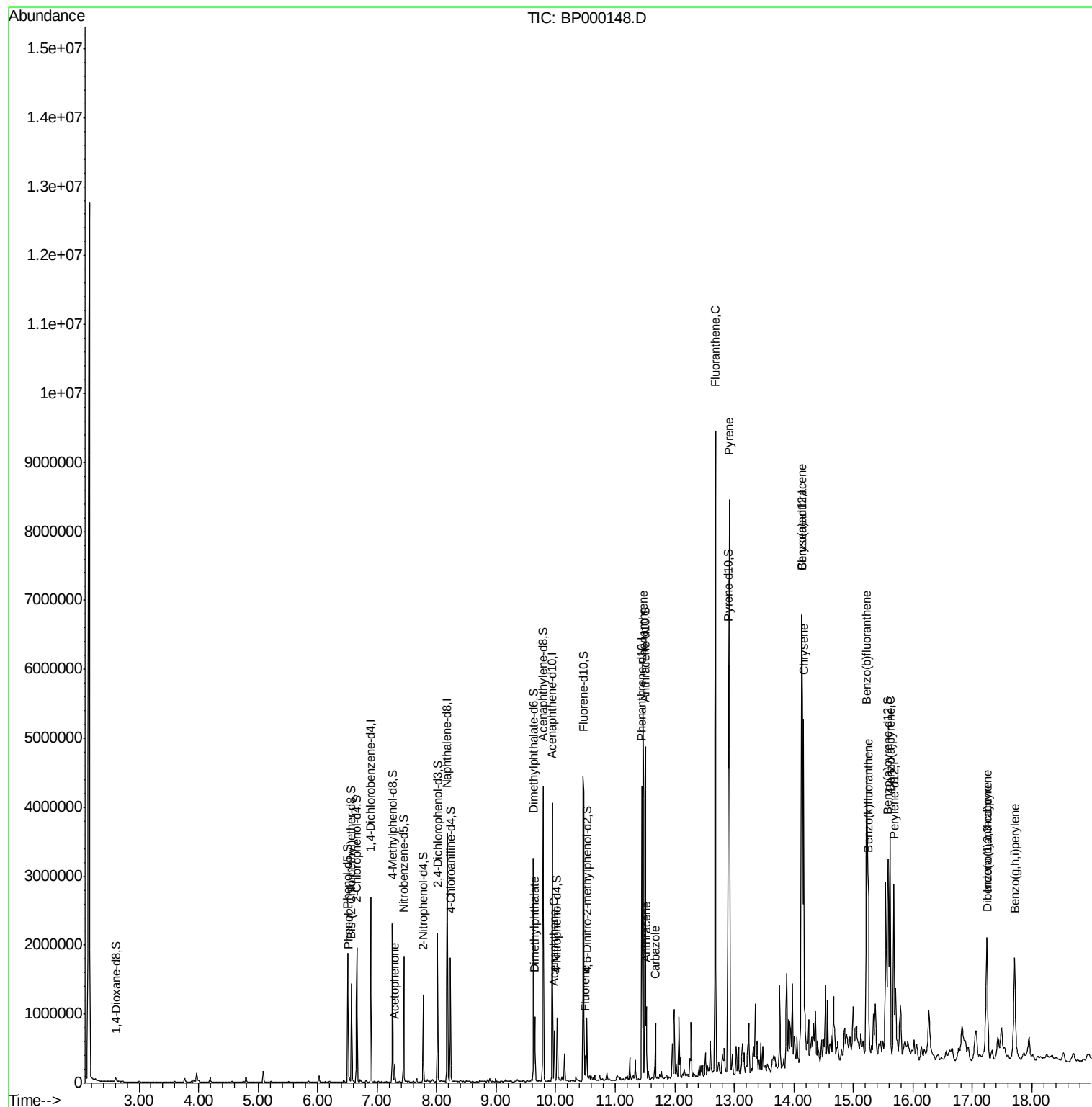
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
Data File : BP000148.D
Acq On : 09 Sep 2019 21:40
Operator : HP/JU
Sample : K4634-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

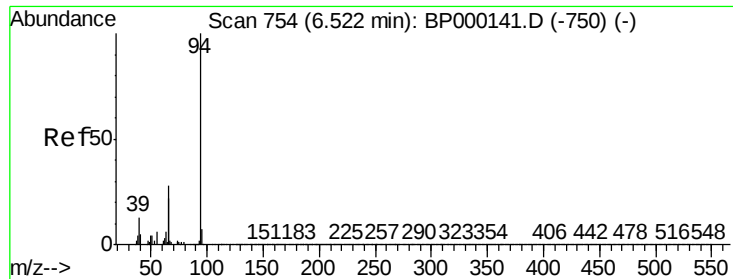
Instrument :
BNA_P
ClientSampleId :
F2D21

Manual Integrations
APPROVED

mohammad
9/10/2019 2:52:31 PM

Quant Time: Sep 10 05:11:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration





#6

Phenol

Concen: 3.304 ng/ul

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BP000148.D

Acq: 09 Sep 2019 21:40

Instrument :

BNA_P

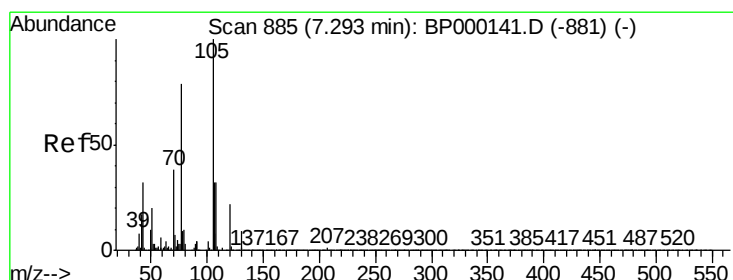
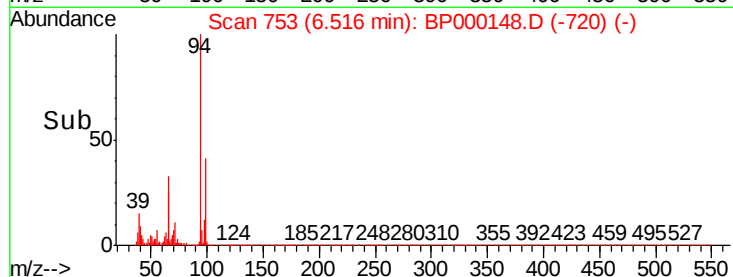
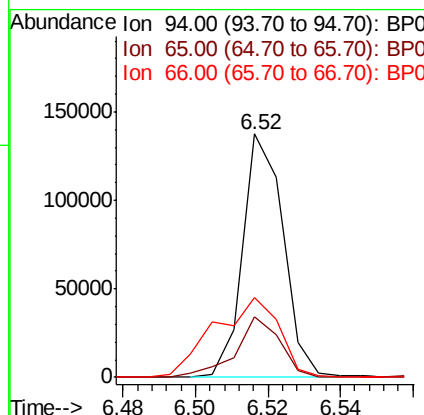
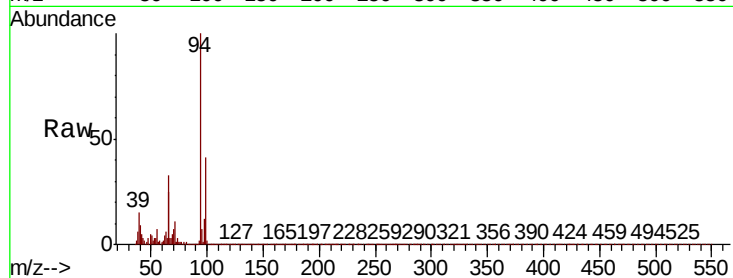
ClientSampleId :

F2D21

Tot Ion:	94	Resp:	106394
Ion Ratio	Lower	Upper	
94	100		
65	24.9	18.8	28.2
66	33.0	24.2	36.2

Manual Integrations
APPROVED

mohammad
9/10/2019 2:52:31 PM



#14

Acetophenone

Concen: 1.985 ng/ul

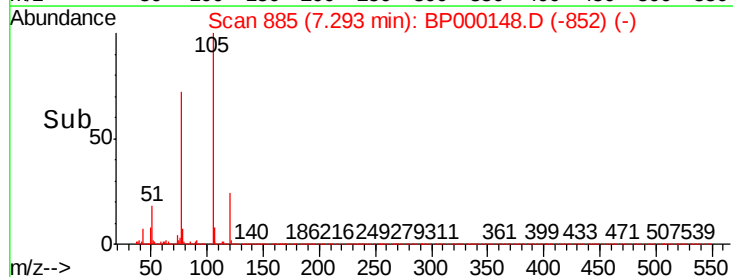
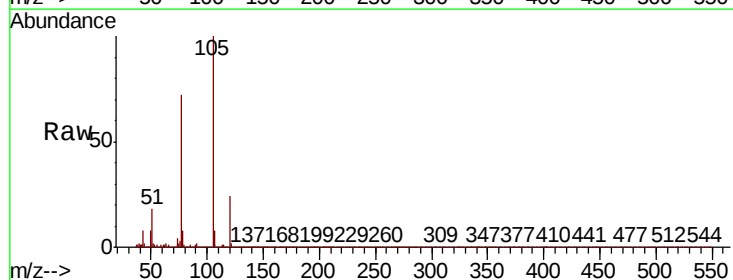
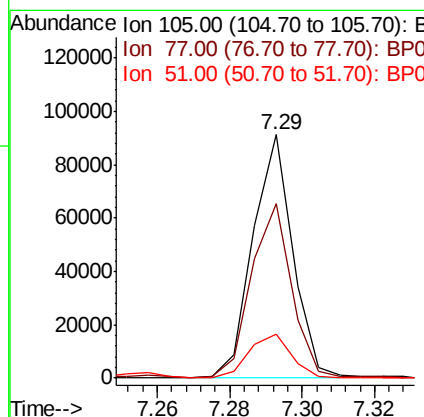
RT: 7.29 min Scan# 885

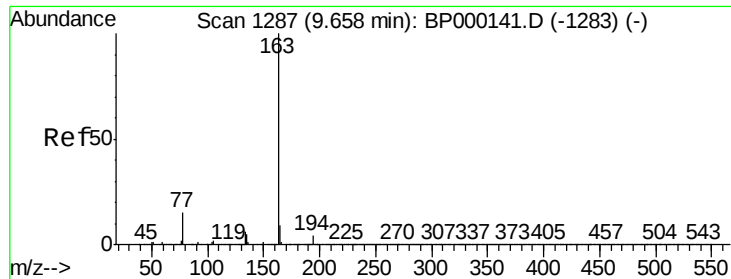
Delta R.T. -0.01 min

Lab File: BP000148.D

Acq: 09 Sep 2019 21:40

Tgt Ion:	105	Resp:	69135
Ion Ratio	Lower	Upper	
105	100		
77	71.8	57.2	85.8
51	18.3	14.7	22.1





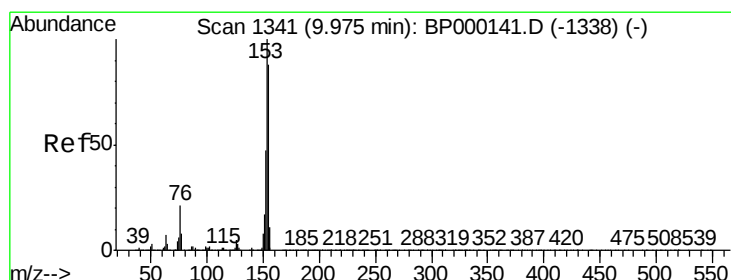
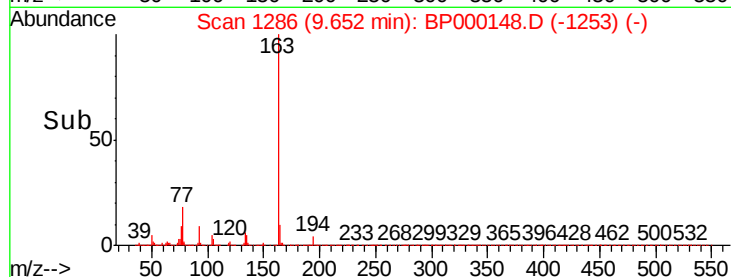
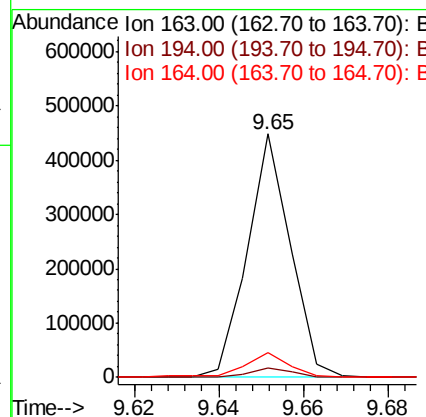
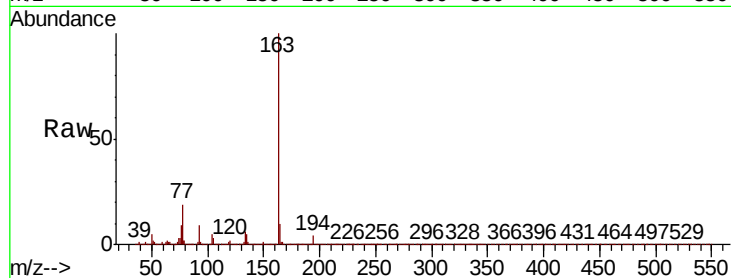
#45
Dimethylphthalate
Concen: 5.498 ng/ul
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BP000148.D
Acq: 09 Sep 2019 21:40

Instrument :
BNA_P
ClientSampleId :
F2D21

Tot Ion:	163	Resp:	315648
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.2	4.8
164	10.0	8.4	12.6

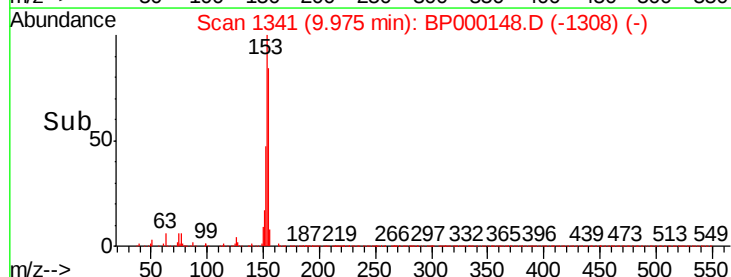
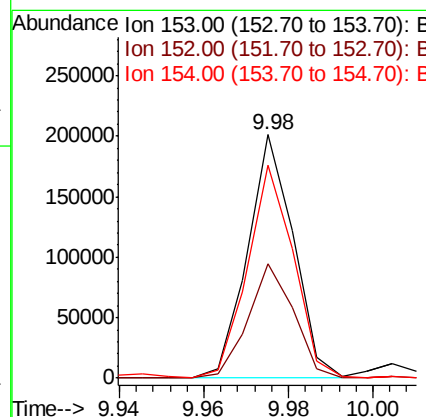
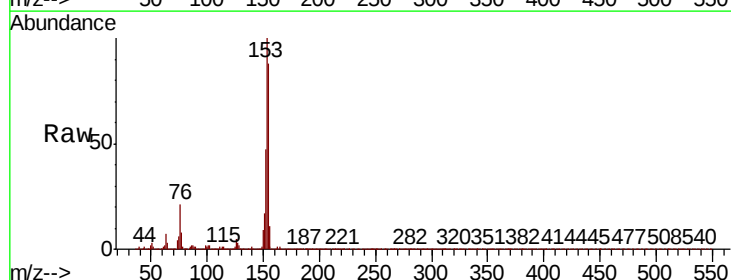
Manual Integrations
APPROVED

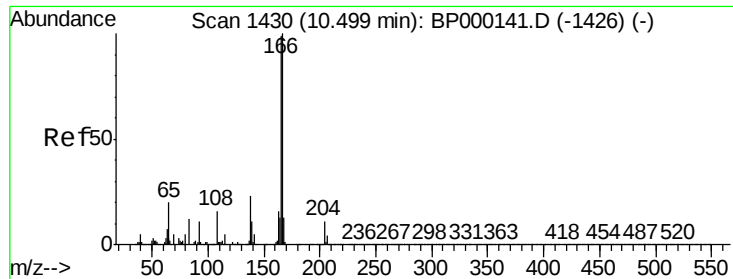
mohammad
9/10/2019 2:52:31 PM



#50
Acenaphthene
Concen: 2.964 ng/ul
RT: 9.98 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP000148.D
Acq: 09 Sep 2019 21:40

Tgt Ion:	153	Resp:	150861
Ion Ratio	Lower	Upper	
153	100		
152	46.9	38.0	57.0
154	87.5	72.6	108.8





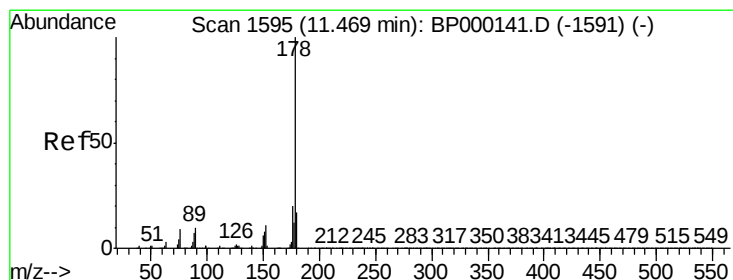
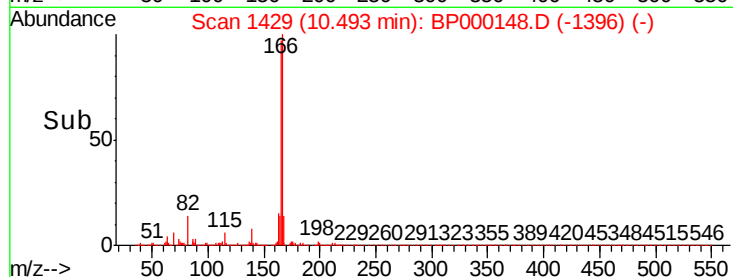
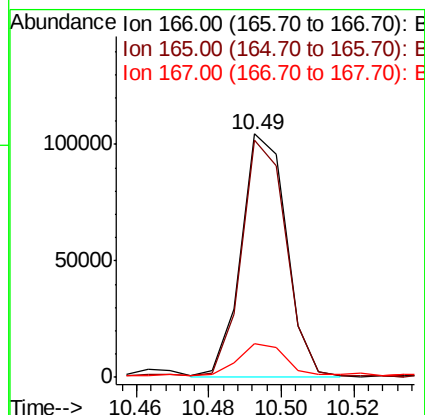
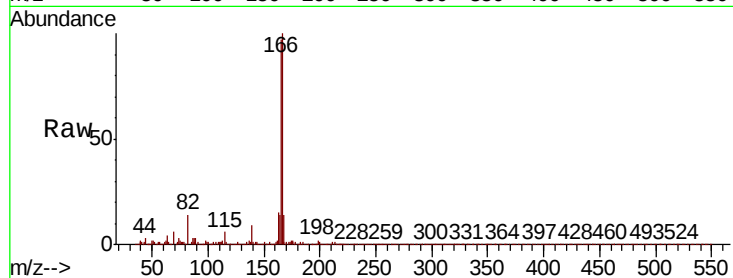
#59
Fluorene
Concen: 1.678 ng/ul
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BP000148.D
Acq: 09 Sep 2019 21:40

Instrument :
BNA_P
ClientSampleId :
F2D21

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.8	116.8
167	13.9	10.9	16.3

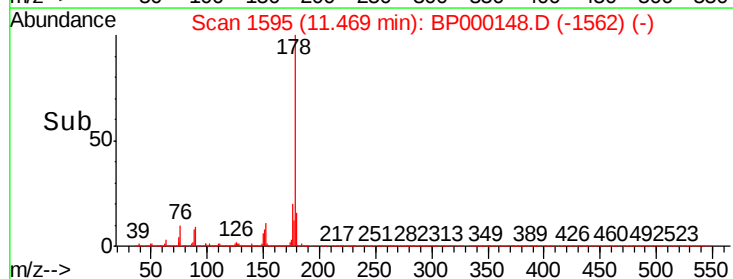
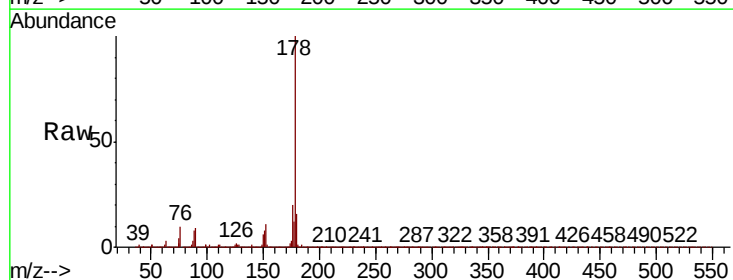
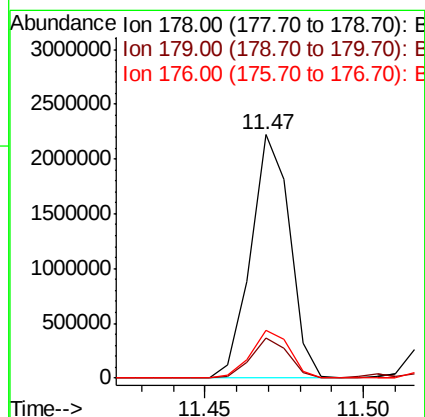
Manual Integrations
APPROVED

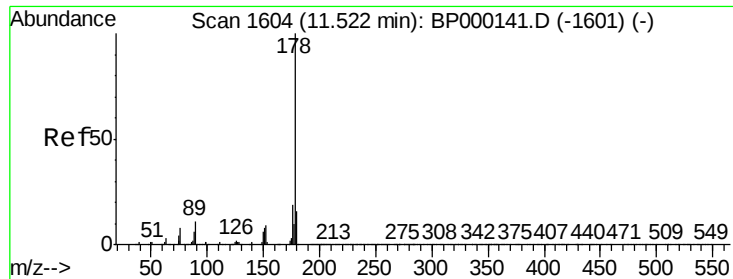
mohammad
9/10/2019 2:52:31 PM



#70
Phenanthrene
Concen: 22.971 ng/ul
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BP000148.D
Acq: 09 Sep 2019 21:40

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.5	18.7
176	19.5	15.7	23.5





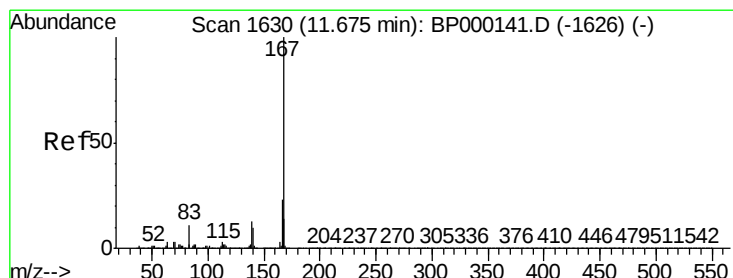
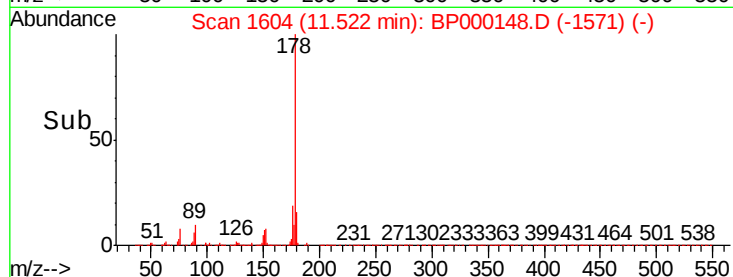
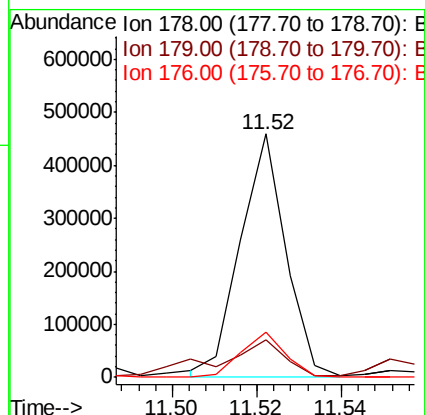
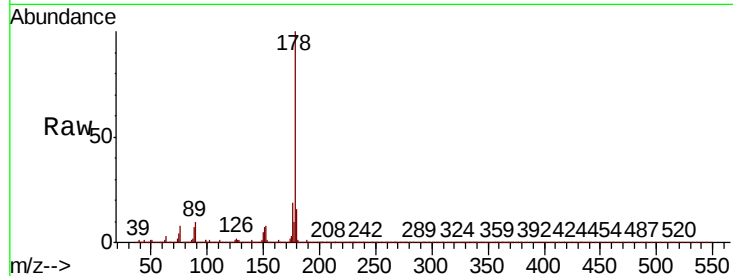
#72
 Anthracene
 Concen: 4.217 ng/ul
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BP000148.D
 Acq: 09 Sep 2019 21:40

Instrument :
 BNA_P
 ClientSampleId :
 F2D21

Tot Ion:	178	Resp:	342275
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.3	18.5
176	18.7	15.1	22.7

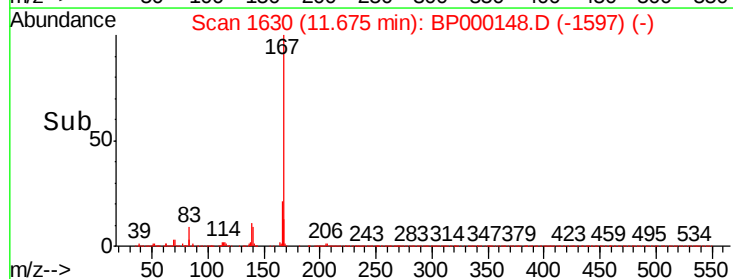
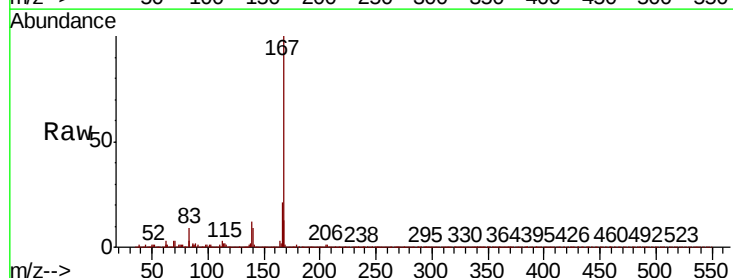
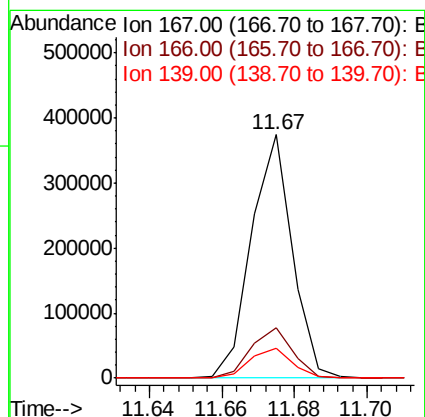
Manual Integrations
 APPROVED

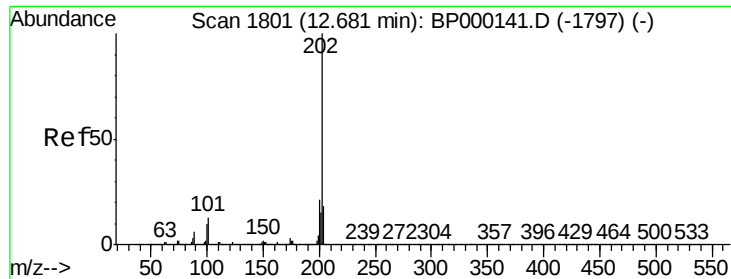
mohammad
 9/10/2019 2:52:31 PM



#75
 Carbazole
 Concen: 4.212 ng/ul
 RT: 11.67 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BP000148.D
 Acq: 09 Sep 2019 21:40

Tgt Ion:	167	Resp:	292330
Ion Ratio	Lower	Upper	
167	100		
166	20.9	17.3	25.9
139	12.2	10.6	15.8





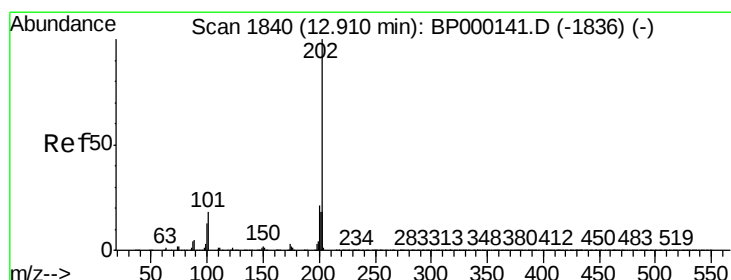
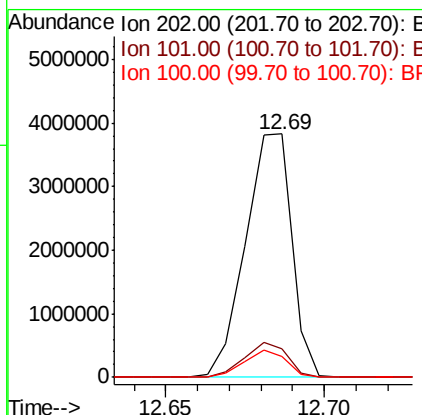
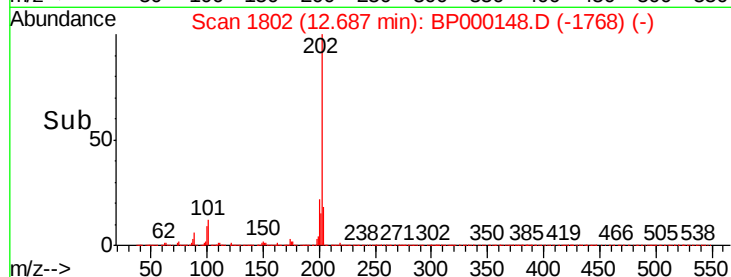
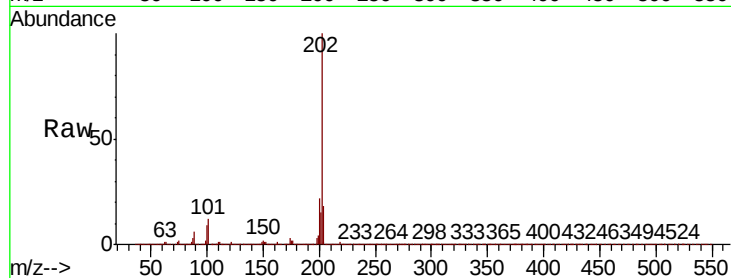
#77
Fluoranthene
Concen: 46.853 ng/ul
RT: 12.69 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BP000148.D
Acq: 09 Sep 2019 21:40

Instrument :
BNA_P
ClientSampled :
F2D21

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	10.0	15.0
100	8.8	7.4	11.2

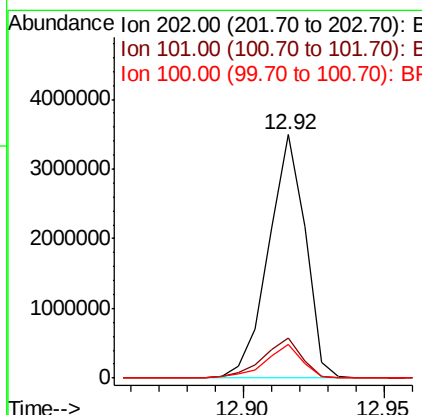
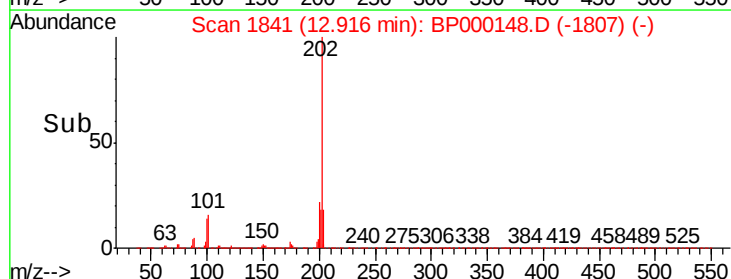
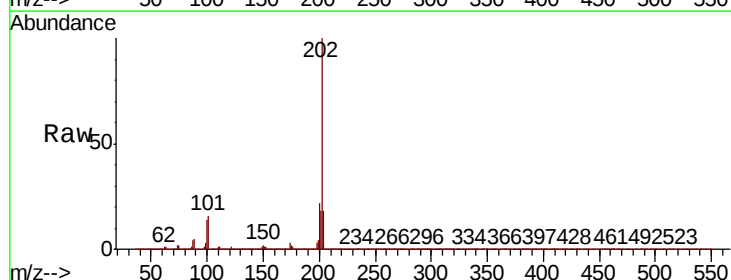
Manual Integrations
APPROVED

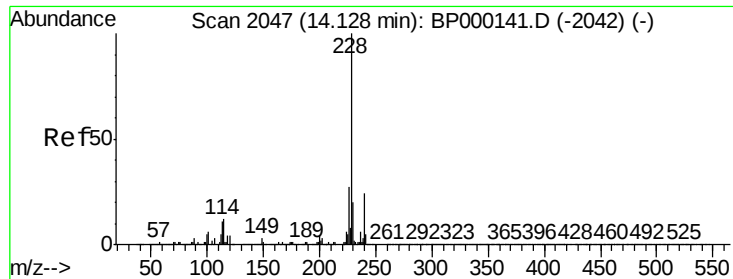
mohammad
9/10/2019 2:52:31 PM



#80
Pyrene
Concen: 36.977 ng/ul
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BP000148.D
Acq: 09 Sep 2019 21:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.4	13.4	20.0
100	13.6	10.8	16.2





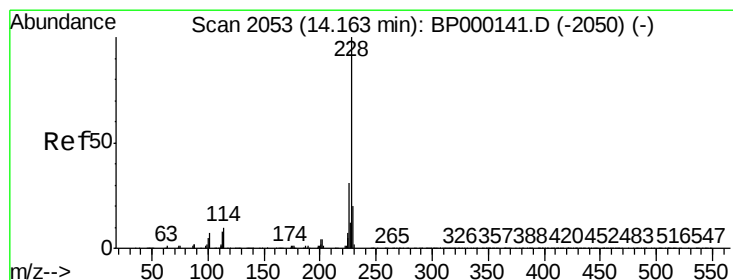
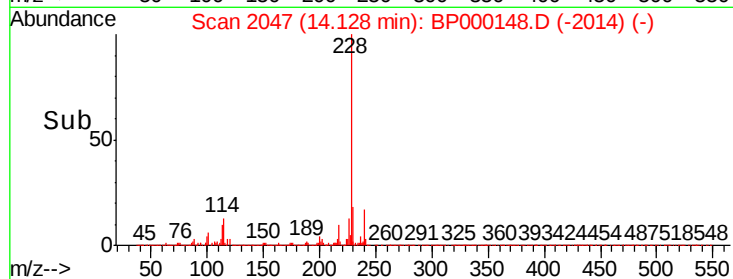
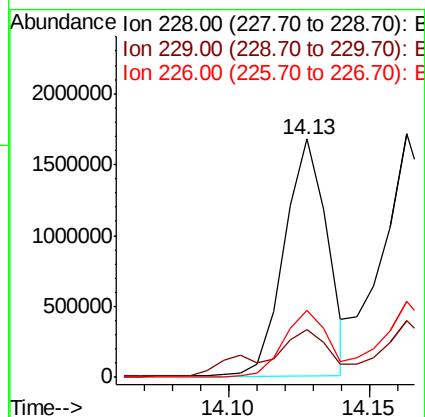
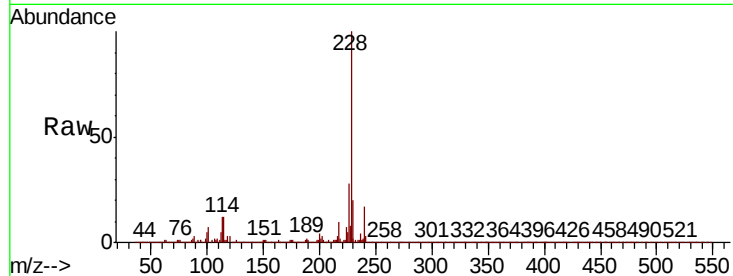
#83
Benzo(a)anthracene
Concen: 21.759 ng/ul
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BP000148.D
Acq: 09 Sep 2019 21:40

Instrument :
BNA_P
ClientSampleId :
F2D21

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.9	23.9
226	28.3	22.1	33.1

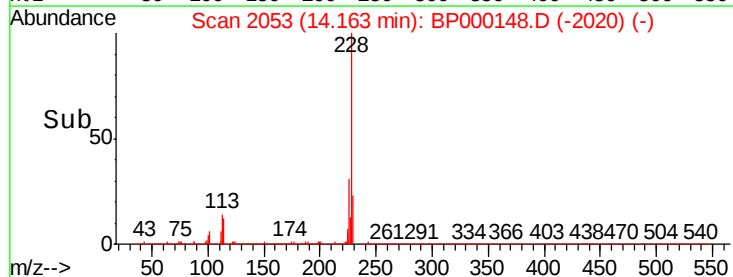
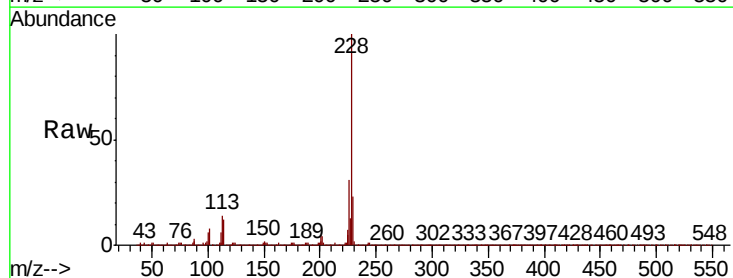
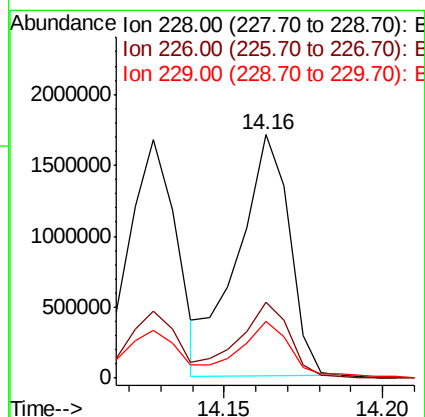
Manual Integrations
APPROVED

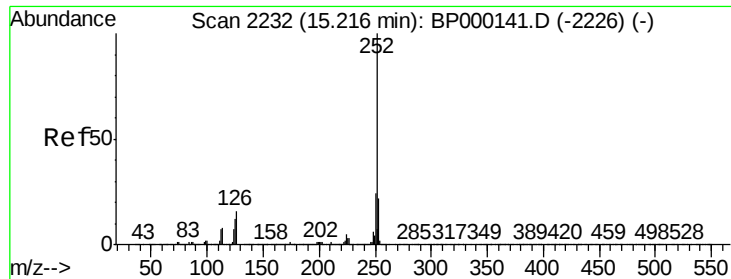
mohammad
9/10/2019 2:52:31 PM



#85
Chrysene
Concen: 25.516 ng/ul
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BP000148.D
Acq: 09 Sep 2019 21:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	23.5	16.0	24.0





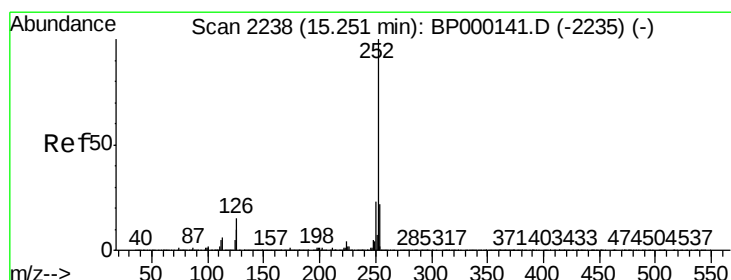
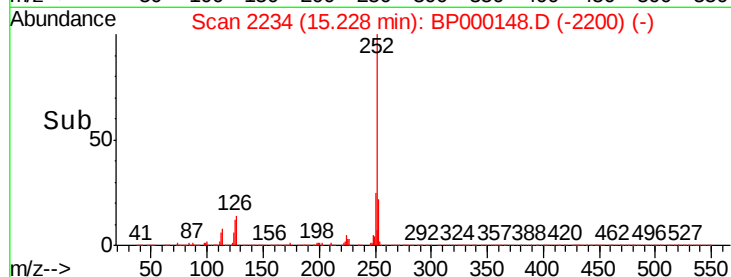
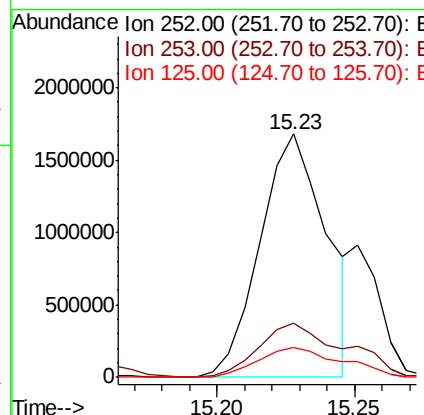
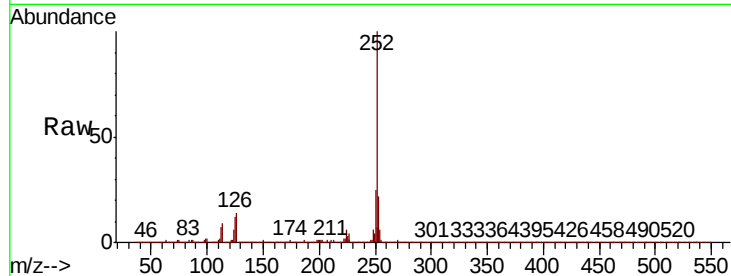
#88
Benzo(b)fluoranthene
Concen: 36.737 ng/ul m
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BP000148.D
Acq: 09 Sep 2019 21:40

Instrument :
BNA_P
ClientSampled :
F2D21

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	12.2	9.9	14.9

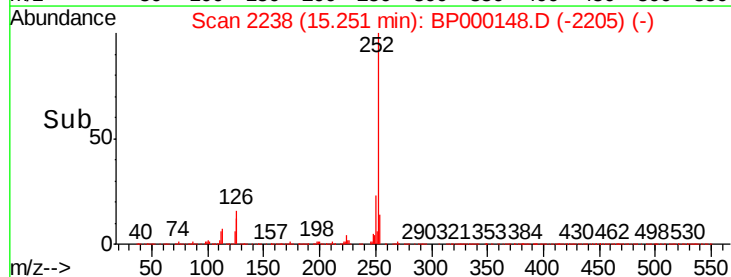
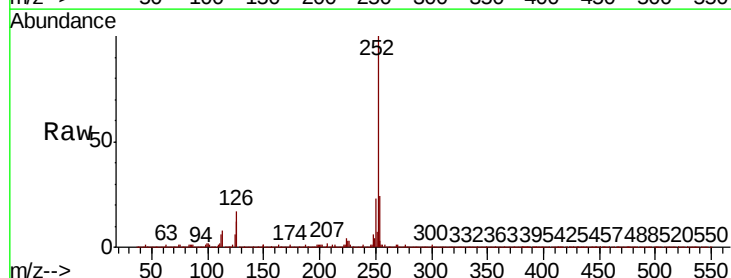
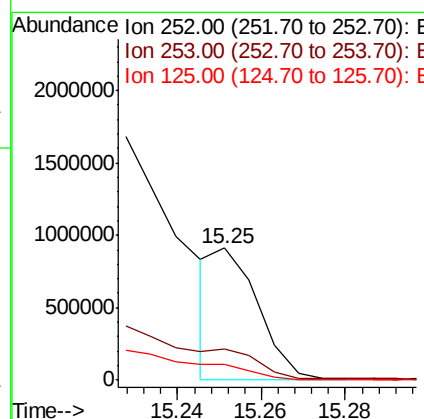
Manual Integrations
APPROVED

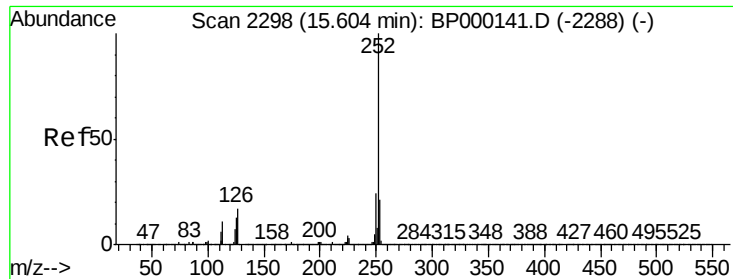
mohammad
9/10/2019 2:52:31 PM



#89
Benzo(k)fluoranthene
Concen: 9.339 ng/ul m
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BP000148.D
Acq: 09 Sep 2019 21:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	12.2	10.2	15.2





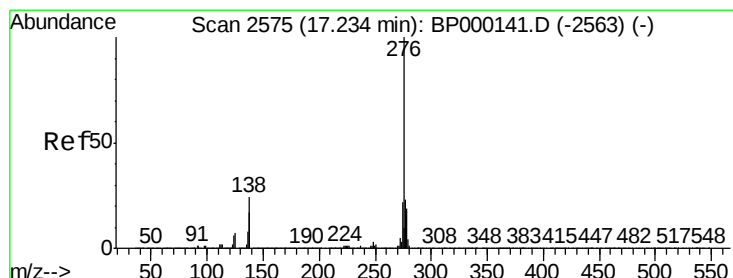
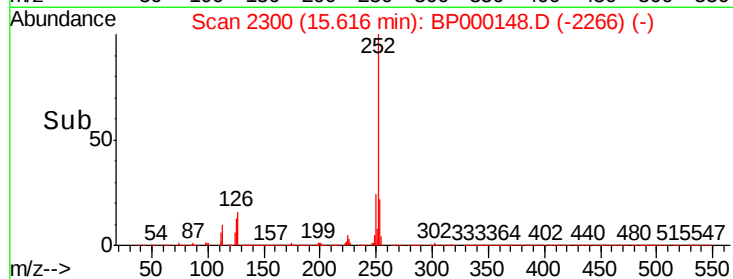
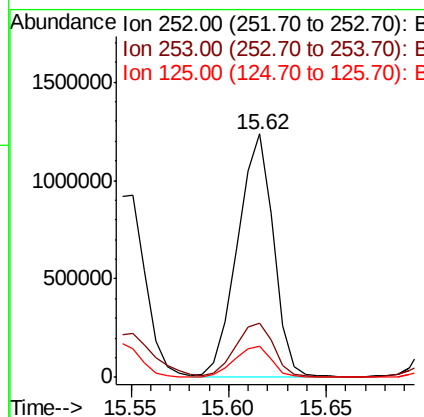
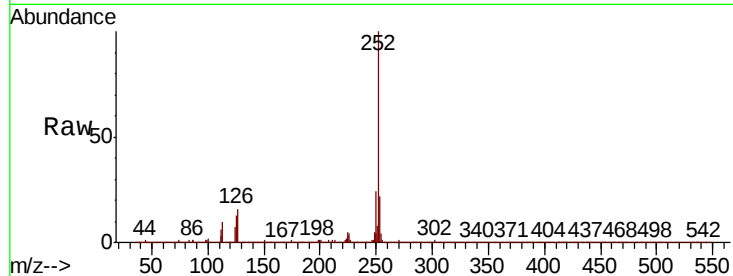
#91
Benzo(a)pyrene
Concen: 21.771 ng/ul
RT: 15.62 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BP000148.D
Acq: 09 Sep 2019 21:40

Instrument :
BNA_P
ClientSampleId :
F2D21

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	12.6	10.2	15.2

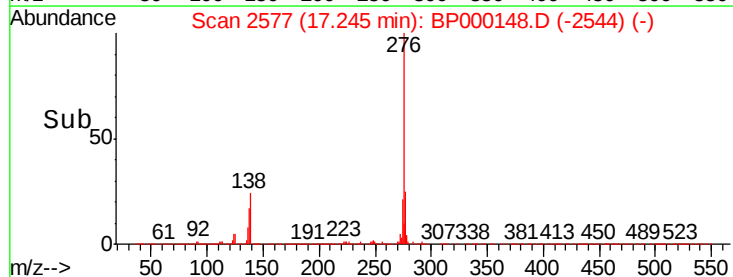
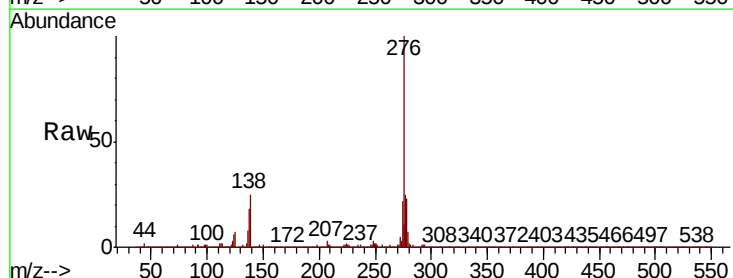
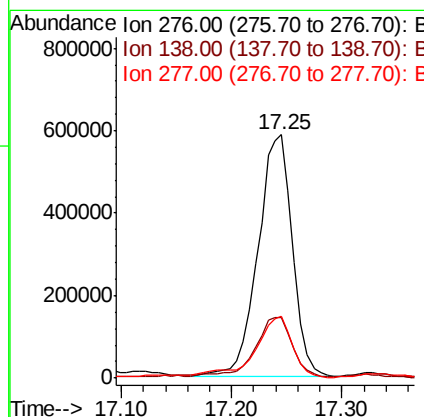
Manual Integrations
APPROVED

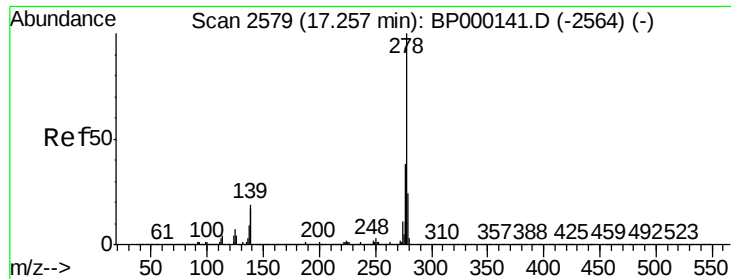
mohammad
9/10/2019 2:52:31 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 15.387 ng/ul
RT: 17.25 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BP000148.D
Acq: 09 Sep 2019 21:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.0	30.0
277	25.3	19.4	29.0





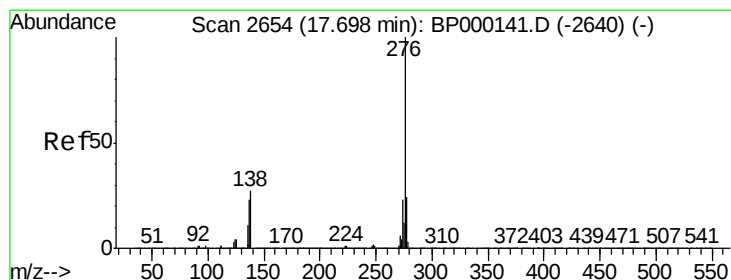
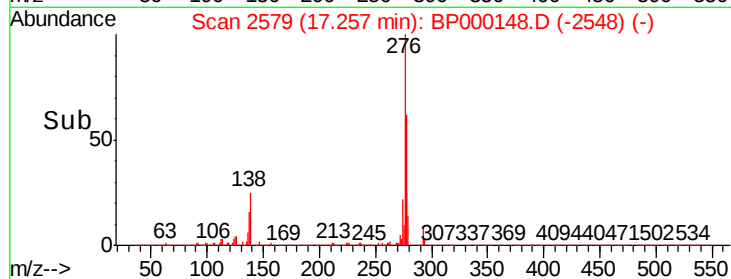
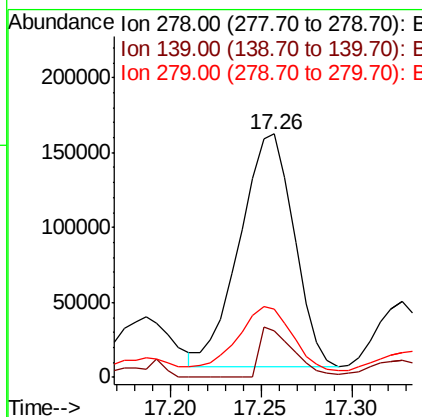
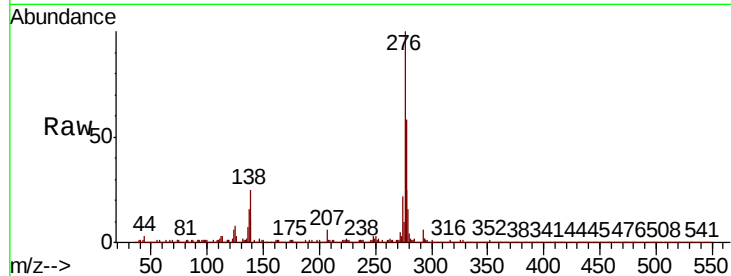
#93
Dibenzo(a,h)anthracene
Concen: 4.727 ng/ul
RT: 17.26 min Scan# 2579
Delta R.T. -0.02 min
Lab File: BP000148.D
Acq: 09 Sep 2019 21:40

Instrument :
BNA_P
ClientSampleId :
F2D21

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.1	15.1	22.7
279	28.3	19.2	28.8

Manual Integrations
APPROVED

mohammad
9/10/2019 2:52:31 PM



#94
Benzo(g,h,i)perylene
Concen: 17.535 ng/ul
RT: 17.71 min Scan# 2656
Delta R.T. -0.01 min
Lab File: BP000148.D
Acq: 09 Sep 2019 21:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.0	30.0
277	23.3	19.1	28.7

