

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
 Data File : BP000762.D
 Acq On : 15 Oct 2019 13:45
 Operator : JU
 Sample : K5175-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BEPF8

Manual Integrations
 APPROVED

mohammad
 10/17/2019 7:59:01 AM

Quant Time: Oct 16 04:01:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 02:22:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	225764	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	876986	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	497913	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	899328	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	639173	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	687212	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.36	96	28600	5.25	ng/uL	-0.02
5) Phenol-d5	6.39	99	491761	28.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	256706	29.48	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	429619	29.28	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	368389	27.69	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	210530	31.58	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	224914	31.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	400988	29.51	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	400062	26.48	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	1138341	32.66	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	1329368	31.00	ng/ul	0.00
52) 4-Nitrophenol-d4	9.91	143	141755	26.40	ng/ul	0.00
58) Fluorene-d10	10.32	176	936925	31.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	109524	25.57	ng/ul	0.00
71) Anthracene-d10	11.35	188	1355030	32.53	ng/ul	0.00
79) Pyrene-d10	12.74	212	1349373	37.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	1154156	34.02	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.40	94	79078	4.504	ng/ul 98
45) Dimethylphthalate	9.51	163	461810	13.297	ng/ul 100
70) Phenanthrene	11.32	178	347183	7.084	ng/ul 99
72) Anthracene	11.37	178	76594	1.540	ng/ul 100
77) Fluoranthene	12.52	202	856387	17.053	ng/ul 100
80) Pyrene	12.76	202	826686	18.229	ng/ul 98
81) Butylbenzylphthalate	13.38	149	41704	2.250	ng/ul 91
83) Benzo(a)anthracene	13.96	228	434264	10.123	ng/ul 96
84) Bis(2-ethylhexyl)phthalate	13.96	149	144250	5.856	ng/ul 100
85) Chrysene	14.00	228	445414	11.171	ng/ul 98
88) Benzo(b)fluoranthene	15.02	252	543861	13.264	ng/ul 98
89) Benzo(k)fluoranthene	15.05	252	157474m	4.033	ng/ul
91) Benzo(a)pyrene	15.39	252	376787	9.706	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	16.92	276	236771	5.321	ng/ul 97
93) Dibenzo(a,h)anthracene	16.92	278	67775m	1.858	ng/ul
94) Benzo(g,h,i)perylene	17.36	276	192667	5.200	ng/ul 99

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

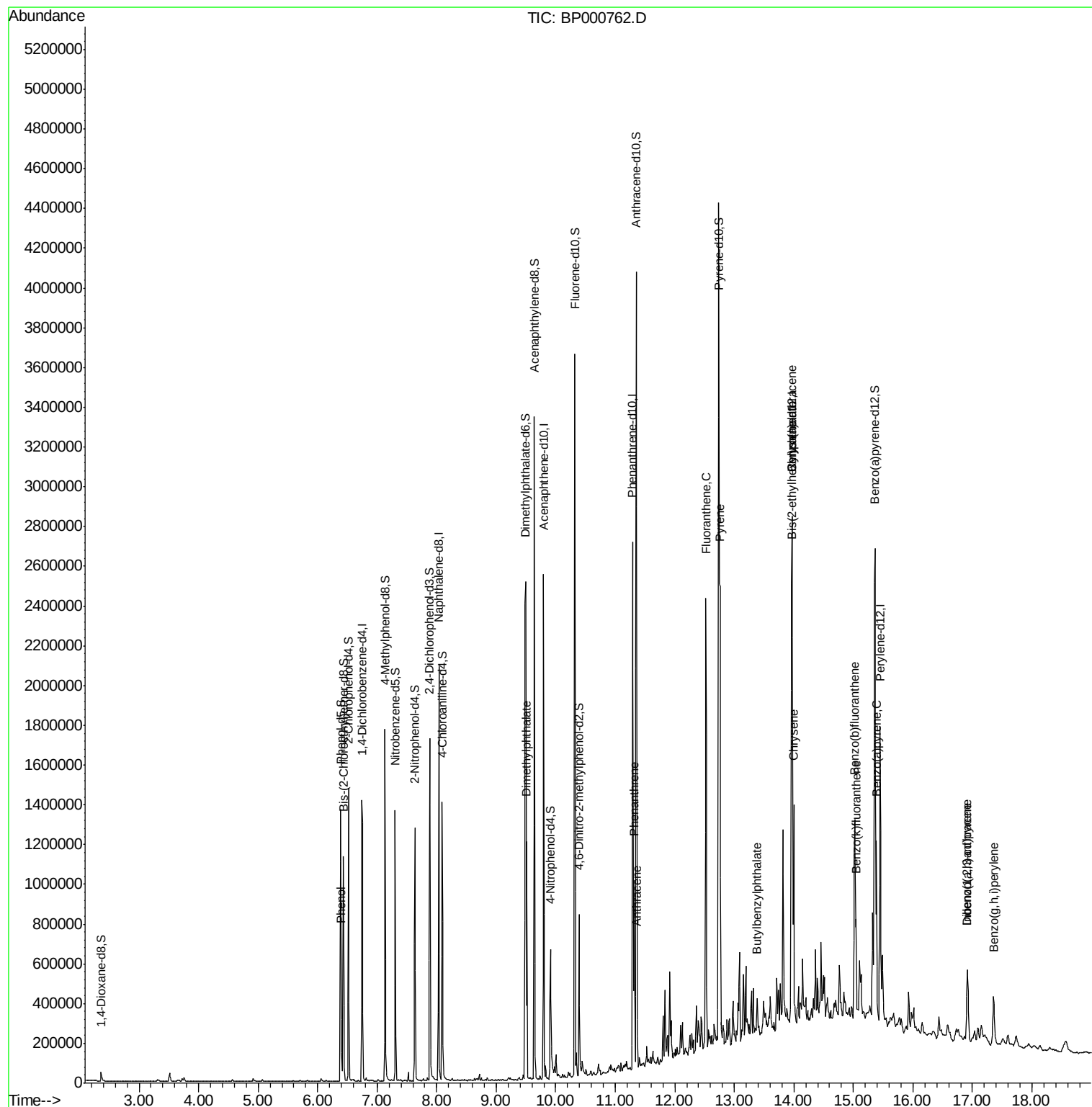
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000762.D
Acq On : 15 Oct 2019 13:45
Operator : JU
Sample : K5175-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

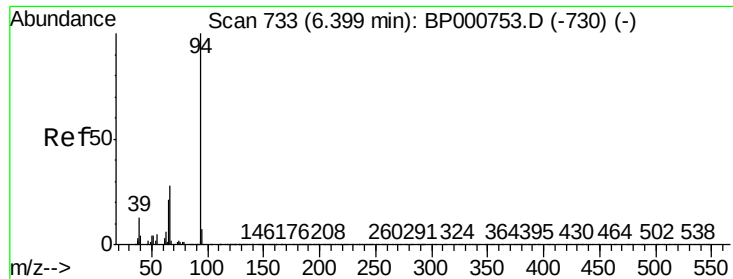
Instrument :
BNA_P
ClientSampleId :
BEPF8

Manual Integrations
APPROVED

mohammad
10/17/2019 7:59:01 AM

Quant Time: Oct 16 04:01:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 02:22:01 2019
Response via : Initial Calibration





#6

Phenol

Concen: 4.504 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BP000762.D

Acq: 15 Oct 2019 13:45

Instrument :

BNA_P

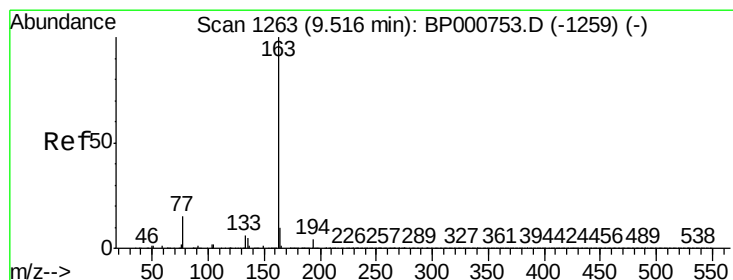
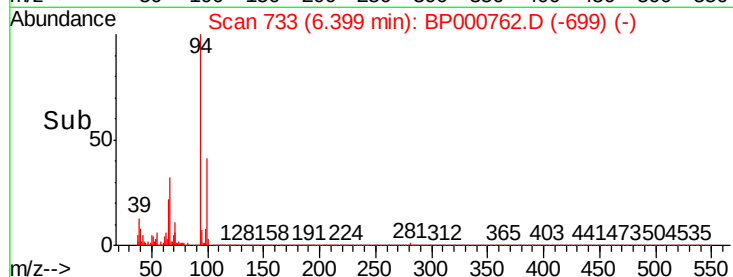
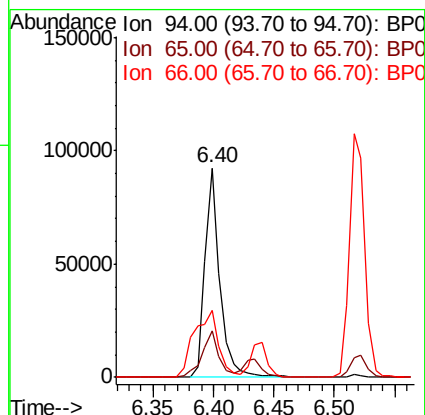
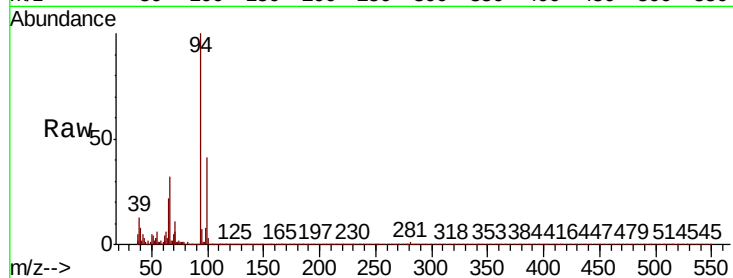
ClientSampled :

BEPF8

Tot Ion:	94	Resp:	79078
Ion	Ratio	Lower	Upper
94	100		
65	22.1	19.2	28.8
66	31.9	25.7	38.5

Manual Integrations
APPROVED

mohammad
10/17/2019 7:59:01 AM



#45

Dimethylphthalate

Concen: 13.297 ng/ul

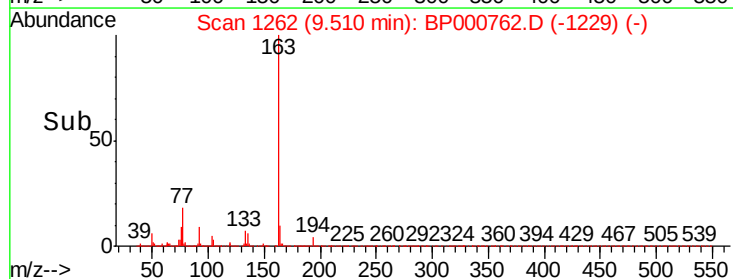
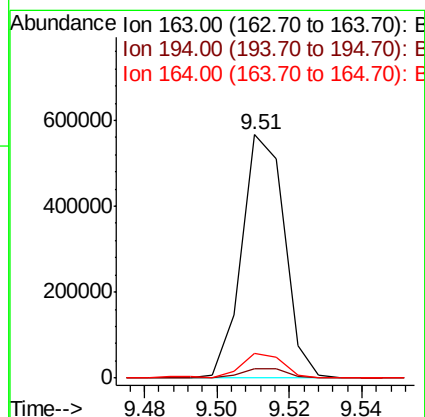
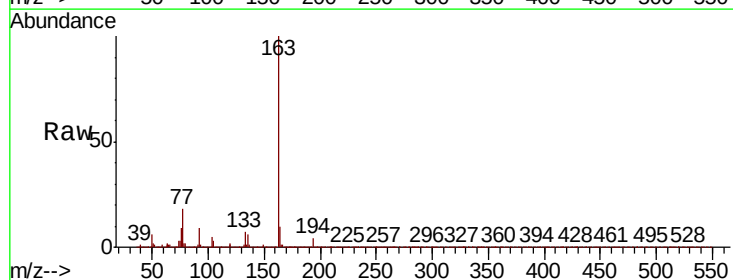
RT: 9.51 min Scan# 1262

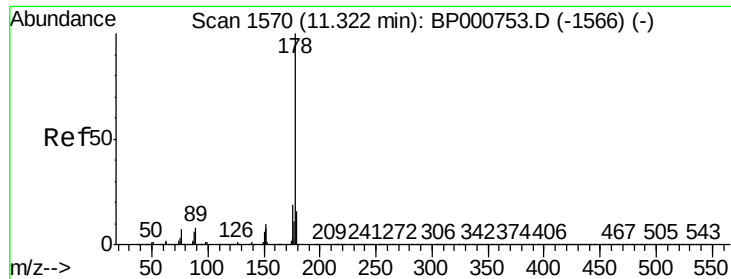
Delta R.T. -0.01 min

Lab File: BP000762.D

Acq: 15 Oct 2019 13:45

Tgt Ion:	163	Resp:	461810
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.3	8.1	12.1





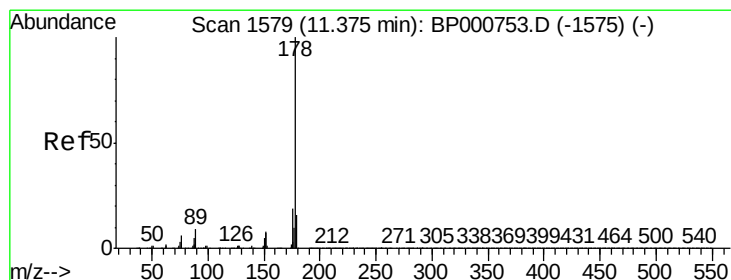
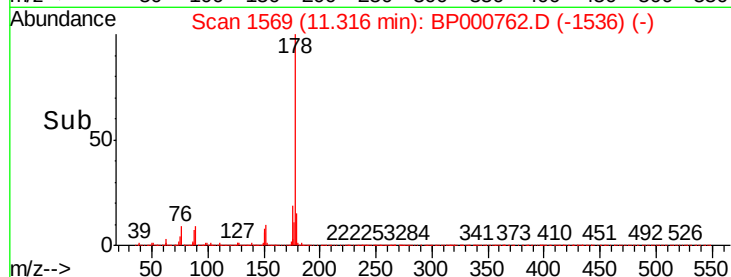
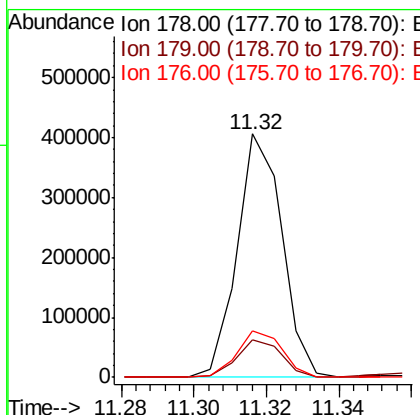
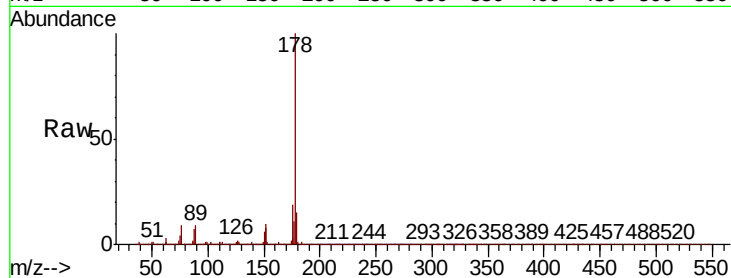
#70
Phenanthrene
Concen: 7.084 ng/ul
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BP000762.D
Acq: 15 Oct 2019 13:45

Instrument :
BNA_P
ClientSampled :
BEPF8

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.5	18.7
176	19.1	15.4	23.2

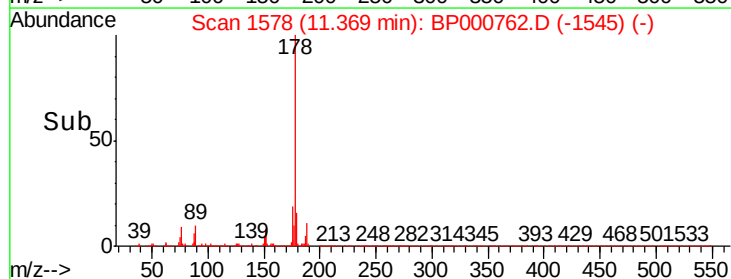
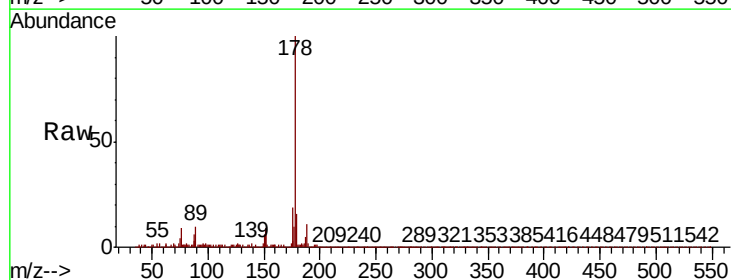
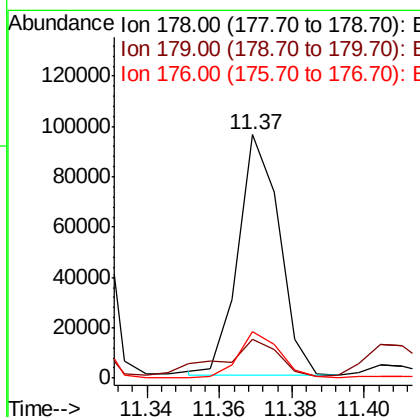
Manual Integrations
APPROVED

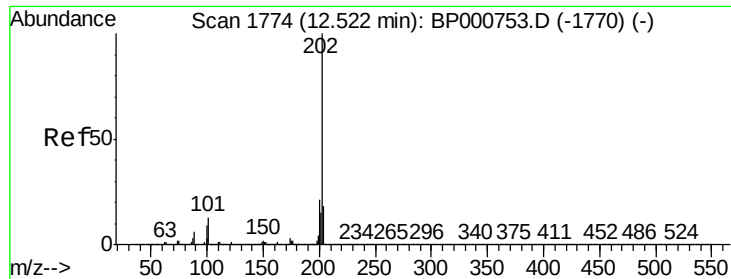
mohammad
10/17/2019 7:59:01 AM



#72
Anthracene
Concen: 1.540 ng/ul
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BP000762.D
Acq: 15 Oct 2019 13:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	18.9	15.1	22.7





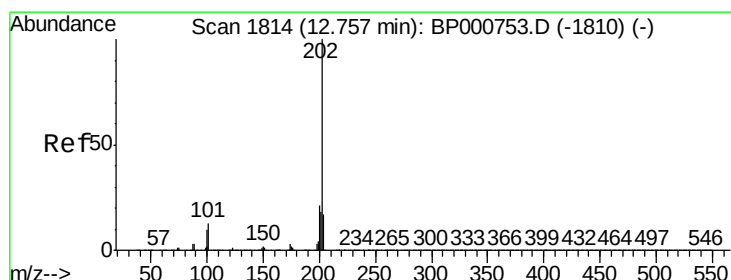
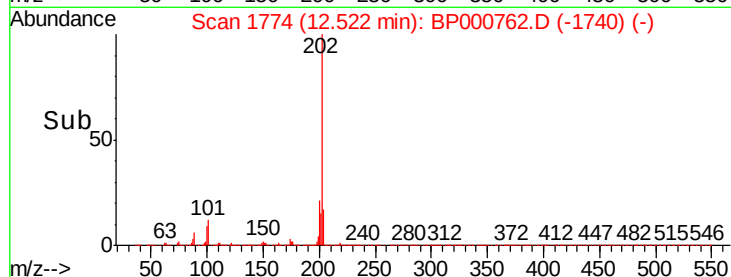
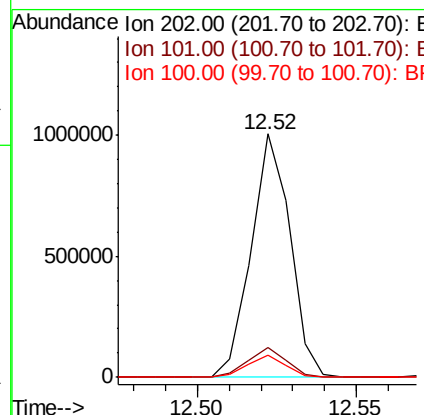
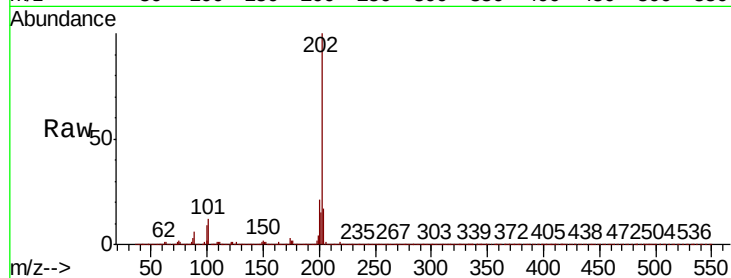
#77
 Fluoranthene
 Concen: 17.053 ng/ul
 RT: 12.52 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BP000762.D
 Acq: 15 Oct 2019 13:45

Instrument :
 BNA_P
 ClientSampleID :
 BEPF8

Tot Ion:	202	Resp:	856387
Ion Ratio	Lower	Upper	
202	100		
101	12.1	9.8	14.6
100	8.9	7.2	10.8

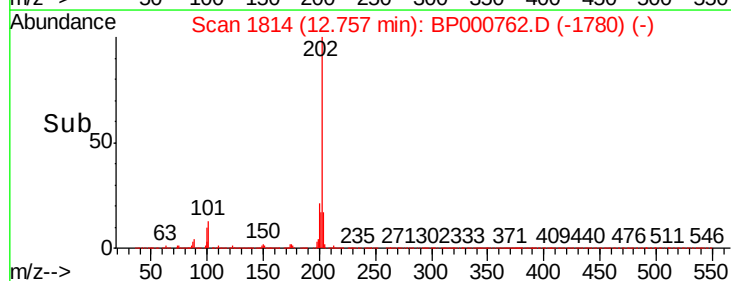
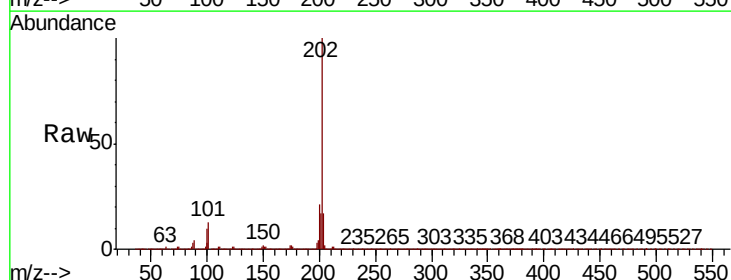
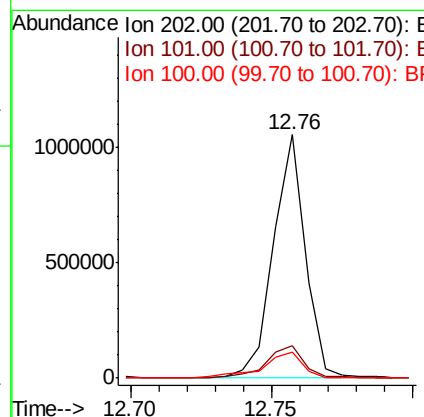
Manual Integrations
 APPROVED

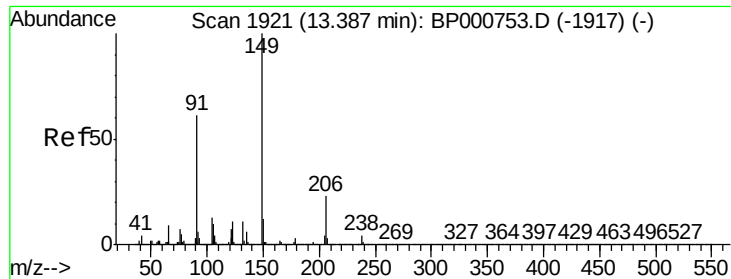
mohammad
 10/17/2019 7:59:01 AM



#80
 Pyrene
 Concen: 18.229 ng/ul
 RT: 12.76 min Scan# 1814
 Delta R.T. 0.00 min
 Lab File: BP000762.D
 Acq: 15 Oct 2019 13:45

Tgt Ion:	202	Resp:	826686
Ion Ratio	Lower	Upper	
202	100		
101	13.1	9.7	14.5
100	10.5	7.8	11.8





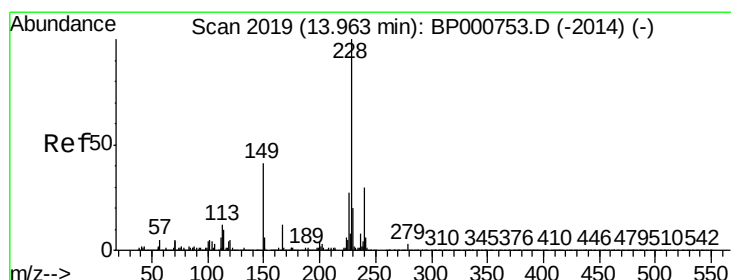
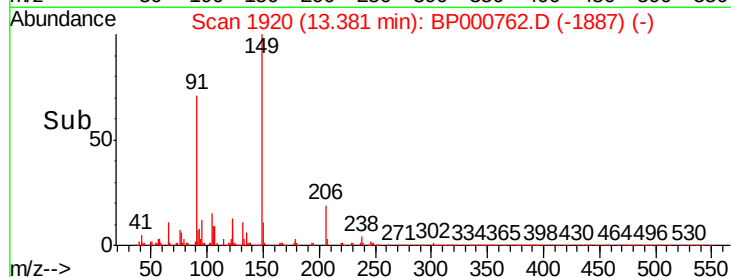
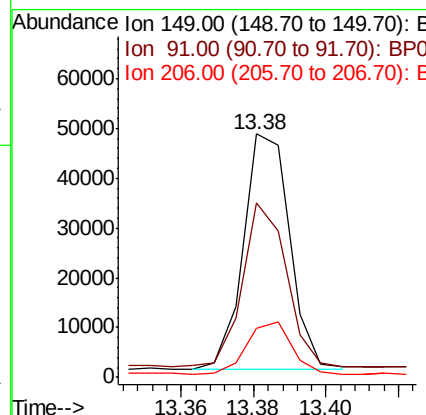
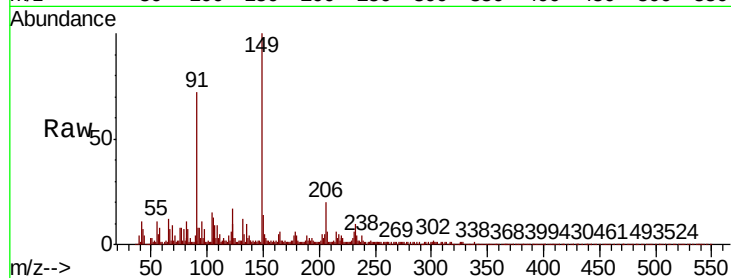
#81
Butylbenzylphthalate
Concen: 2.250 ng/ul
RT: 13.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BP000762.D
Acq: 15 Oct 2019 13:45

Instrument :
BNA_P
ClientSampleId :
BEPF8

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		41704		
91	71.8	50.6	75.8		
206	20.3	17.8	26.6		

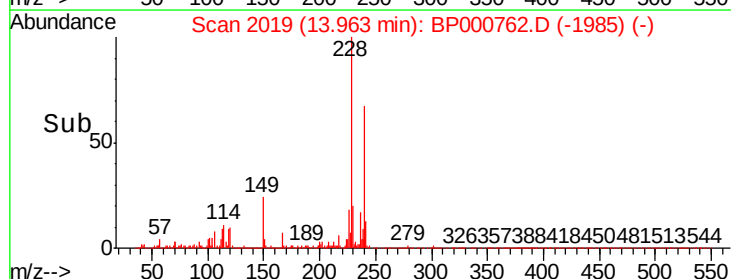
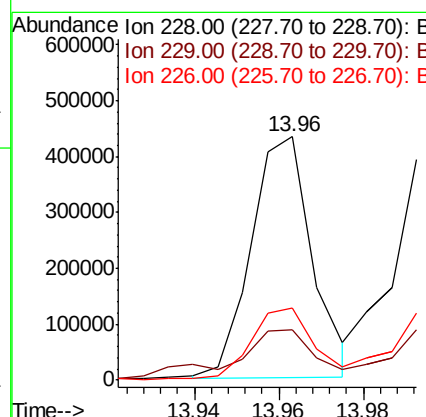
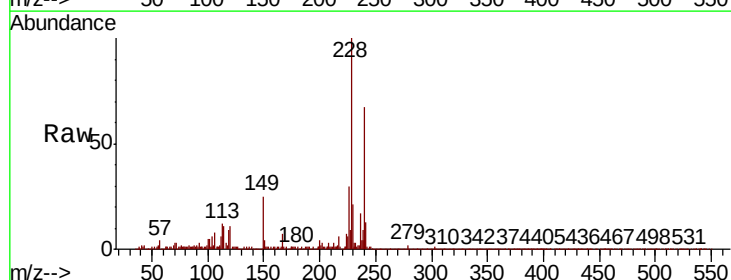
Manual Integrations
APPROVED

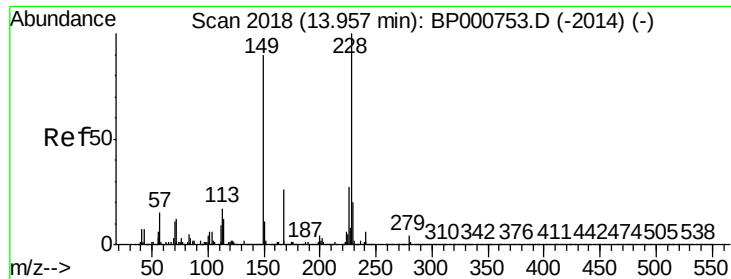
mohammad
10/17/2019 7:59:01 AM



#83
Benzo(a)anthracene
Concen: 10.123 ng/ul
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BP000762.D
Acq: 15 Oct 2019 13:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		434264		
229	20.5	15.6	23.4		
226	29.6	21.8	32.8		





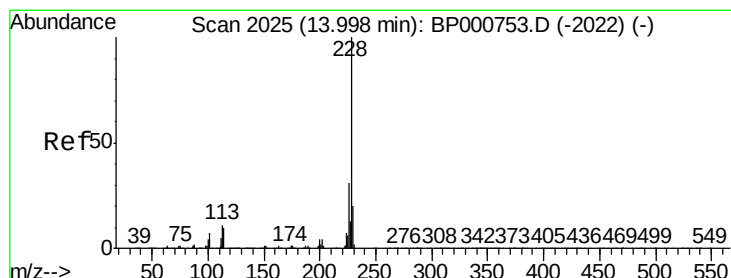
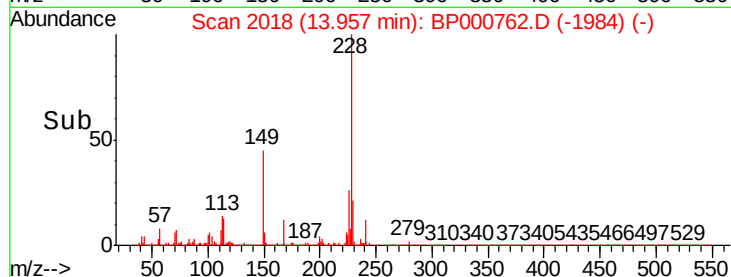
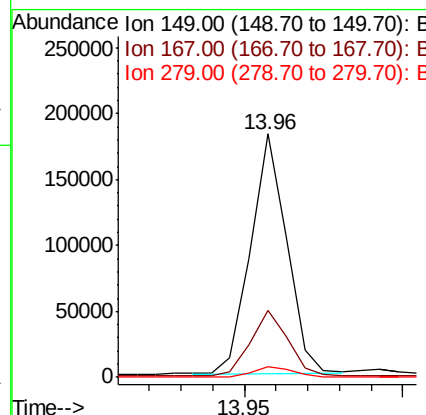
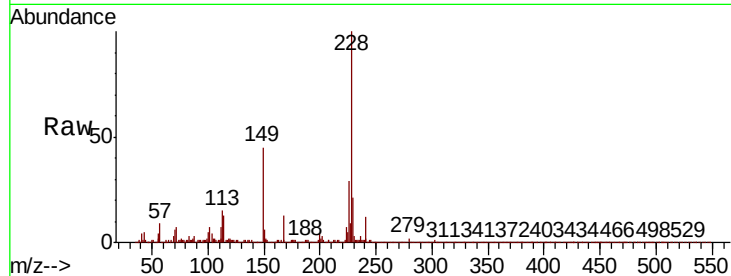
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.856 ng/ul
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BP000762.D
 Acq: 15 Oct 2019 13:45

Instrument :
 BNA_P
 ClientSampled :
 BEPF8

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.3	33.5
279	4.5	3.2	4.8

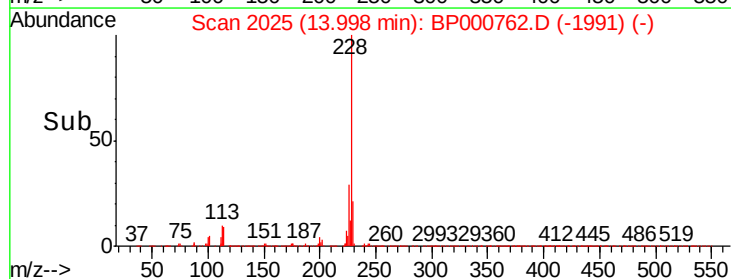
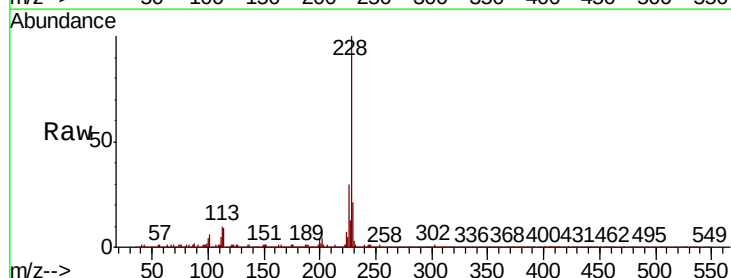
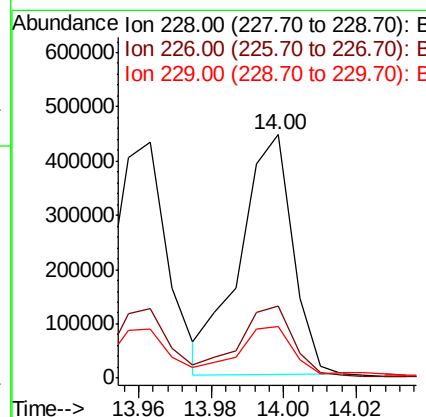
Manual Integrations
 APPROVED

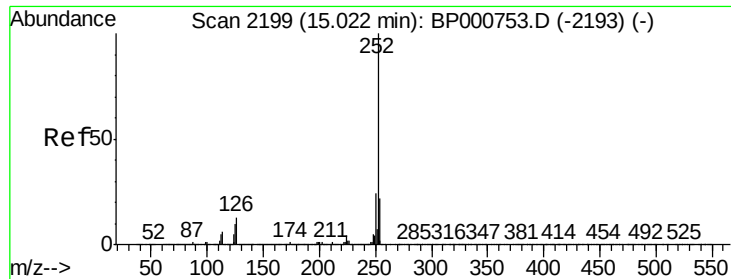
mohammad
 10/17/2019 7:59:01 AM



#85
 Chrysene
 Concen: 11.171 ng/ul
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BP000762.D
 Acq: 15 Oct 2019 13:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.4
229	21.4	15.8	23.6





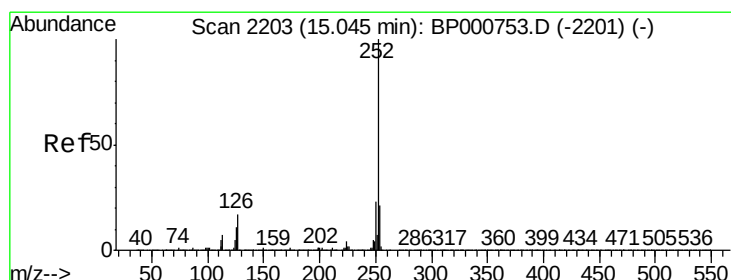
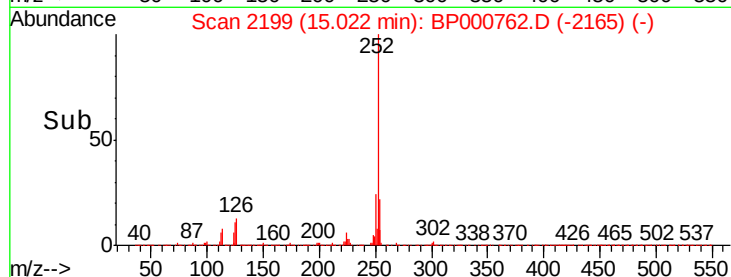
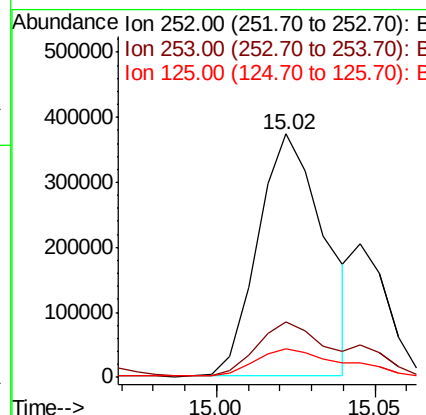
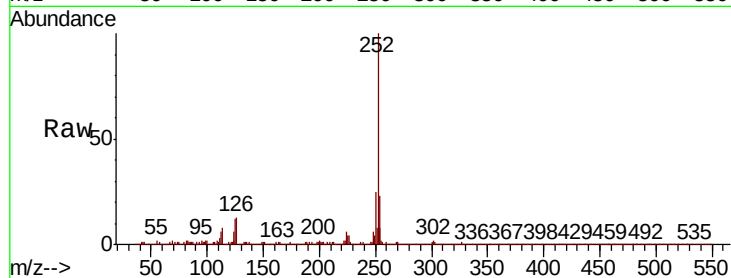
#88
Benzo(b)fluoranthene
Concen: 13.264 ng/ul
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BP000762.D
Acq: 15 Oct 2019 13:45

Instrument :
BNA_P
ClientSampled :
BEPF8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	11.7	8.7	13.1

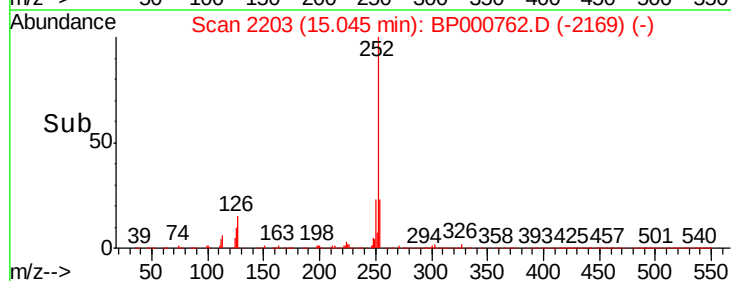
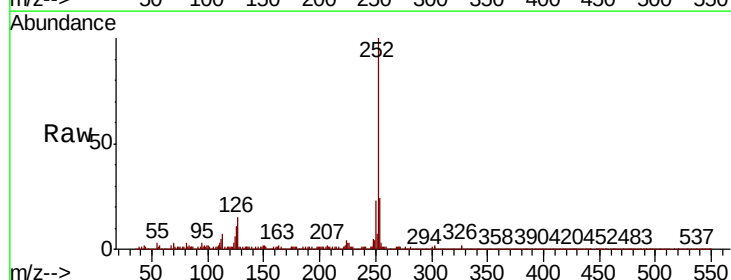
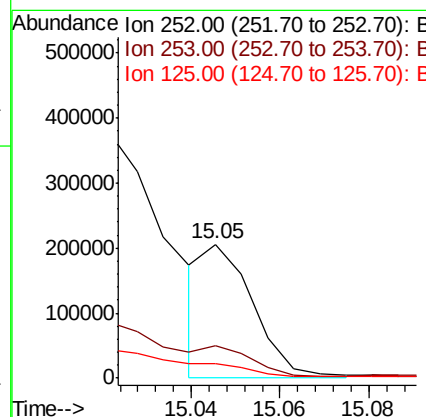
Manual Integrations
APPROVED

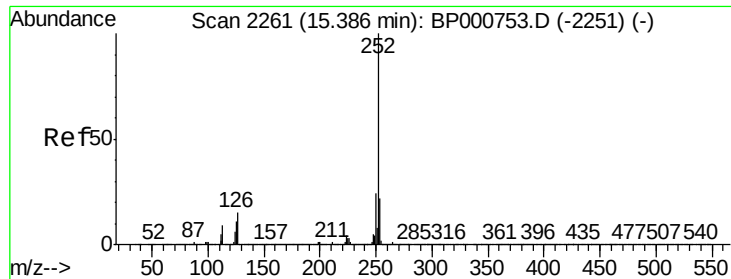
mohammad
10/17/2019 7:59:01 AM



#89
Benzo(k)fluoranthene
Concen: 4.033 ng/ul m
RT: 15.05 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BP000762.D
Acq: 15 Oct 2019 13:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	11.0	8.2	12.4





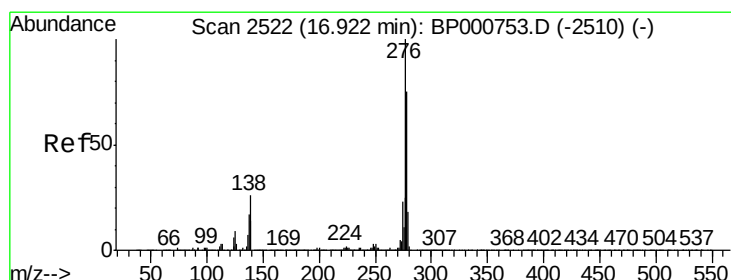
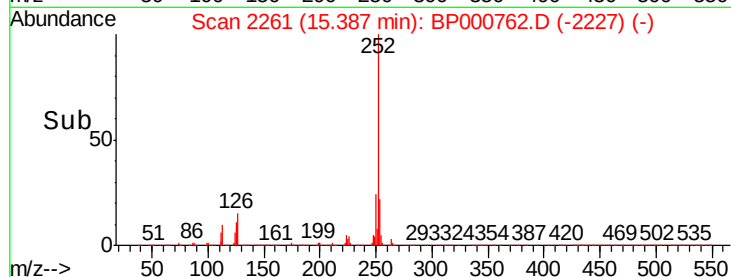
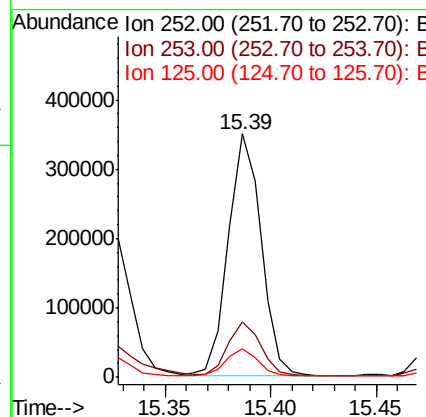
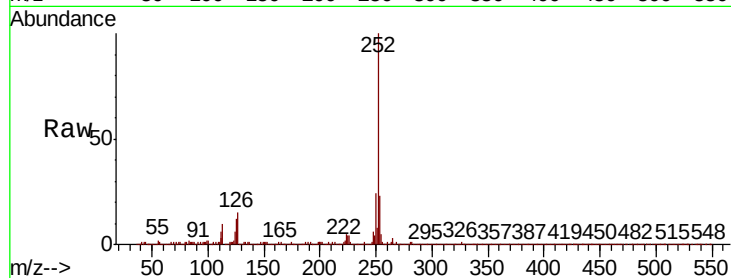
#91
Benzo(a)pyrene
Concen: 9.706 ng/ul
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BP000762.D
Acq: 15 Oct 2019 13:45

Instrument :
BNA_P
ClientSampleId :
BEPF8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	11.8	9.7	14.5

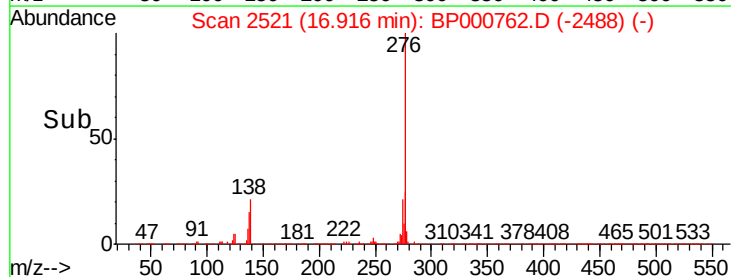
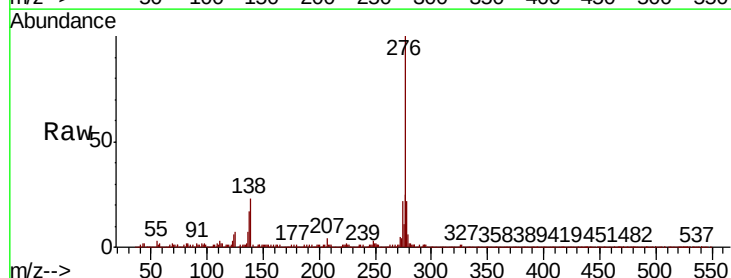
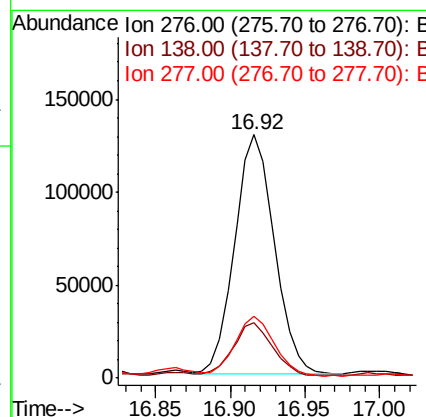
Manual Integrations
APPROVED

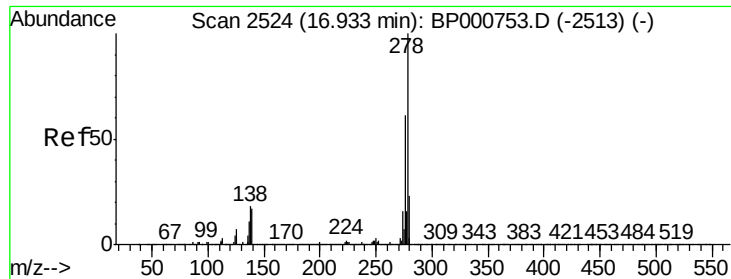
mohammad
10/17/2019 7:59:01 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 5.321 ng/ul
RT: 16.92 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BP000762.D
Acq: 15 Oct 2019 13:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.5	20.0	30.0
277	25.2	19.8	29.8





#93

Dibenzo(a,h)anthracene

Concen: 1.858 ng/ul m

RT: 16.92 min Scan# 2522

Delta R.T. -0.01 min

Lab File: BP000762.D

Acq: 15 Oct 2019 13:45

Instrument :

BNA_P

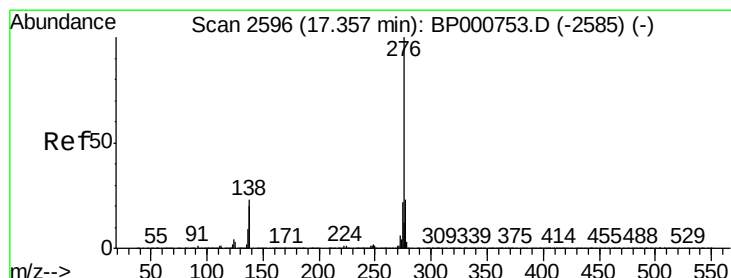
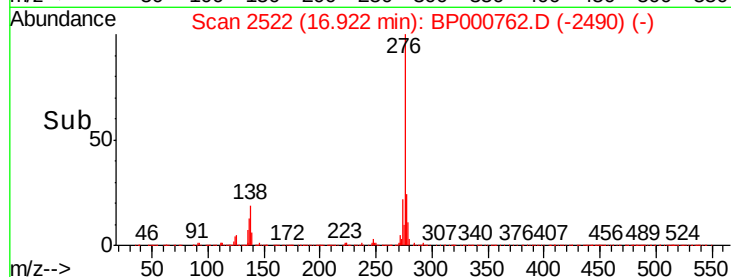
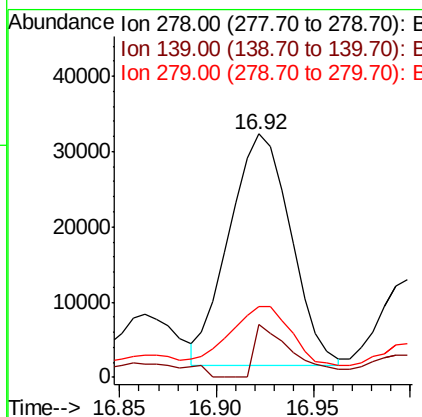
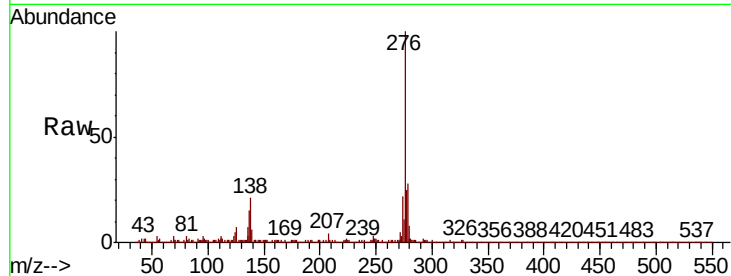
ClientSampleId :

BEPF8

Tot Ion:	278	Resp:	67775
Ion Ratio	Lower	Upper	
278	100		
139	21.7	14.2	21.4#
279	29.0	19.2	28.8#

Manual Integrations
APPROVED

mohammad
10/17/2019 7:59:01 AM



#94

Benzo(g,h,i)perylene

Concen: 5.200 ng/ul

RT: 17.36 min Scan# 2596

Delta R.T. 0.00 min

Lab File: BP000762.D

Acq: 15 Oct 2019 13:45

Tgt Ion:	276	Resp:	192667
Ion Ratio	Lower	Upper	
276	100		
138	23.1	18.4	27.6
277	23.3	19.4	29.0

