

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\
 Data File : BP000800.D
 Acq On : 16 Oct 2019 10:05
 Operator : JU
 Sample : K5199-16
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BEPG8

Manual Integrations
 APPROVED

mohammad
 10/20/2019 8:10:31 PM

Quant Time: Oct 17 08:08:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 07:55:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	142566	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	540642	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	302063	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	560801	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	444199	20.00	ng/ul	0.00
86) Perylene-d12	15.46	264	499618	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.35	96	20140	5.86	ng/uL	0.00
5) Phenol-d5	6.39	99	345216	31.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	197717	35.96	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	318970	34.43	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	266767	31.75	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	159108	38.72	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	165918	37.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.88	165	294367	35.15	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	228881	24.57	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	844489	39.94	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	1014297	38.99	ng/ul	0.00
52) 4-Nitrophenol-d4	9.92	143	48887	15.01	ng/ul	0.00
58) Fluorene-d10	10.32	176	722401	39.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	44293	16.59	ng/ul	0.00
71) Anthracene-d10	11.35	188	1055784	40.64	ng/ul	0.00
79) Pyrene-d10	12.74	212	1108162	44.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.37	264	1070406	43.40	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.40	94	24174	2.180	ng/ul 94
45) Dimethylphthalate	9.51	163	291024	13.813	ng/ul 99
48) Acenaphthylene	9.66	152	34562	1.288	ng/ul 98
50) Acenaphthene	9.83	153	19616	1.056	ng/ul 98
59) Fluorene	10.35	166	23523	1.171	ng/ul# 98
70) Phenanthrene	11.32	178	493378	16.143	ng/ul 99
72) Anthracene	11.37	178	110771	3.571	ng/ul 99
75) Carbazole	11.53	167	45312	1.712	ng/ul 98
77) Fluoranthene	12.53	202	1144797	36.556	ng/ul 97
80) Pyrene	12.76	202	1152429m	36.567	ng/ul
83) Benzo(a)anthracene	13.96	228	603703	20.250	ng/ul 96
84) Bis(2-ethylhexyl)phthalate	13.96	149	274796m	16.052	ng/ul
85) Chrysene	14.00	228	667277	24.081	ng/ul 98
88) Benzo(b)fluoranthene	15.03	252	812770	27.266	ng/ul 99
89) Benzo(k)fluoranthene	15.05	252	236417m	8.328	ng/ul
91) Benzo(a)pyrene	15.39	252	579681	20.539	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	16.93	276	376366	11.634	ng/ul 96
93) Dibenzo(a,h)anthracene	16.93	278	103839	3.916	ng/ul 95
94) Benzo(g,h,i)perylene	17.37	276	334240	12.409	ng/ul 99

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

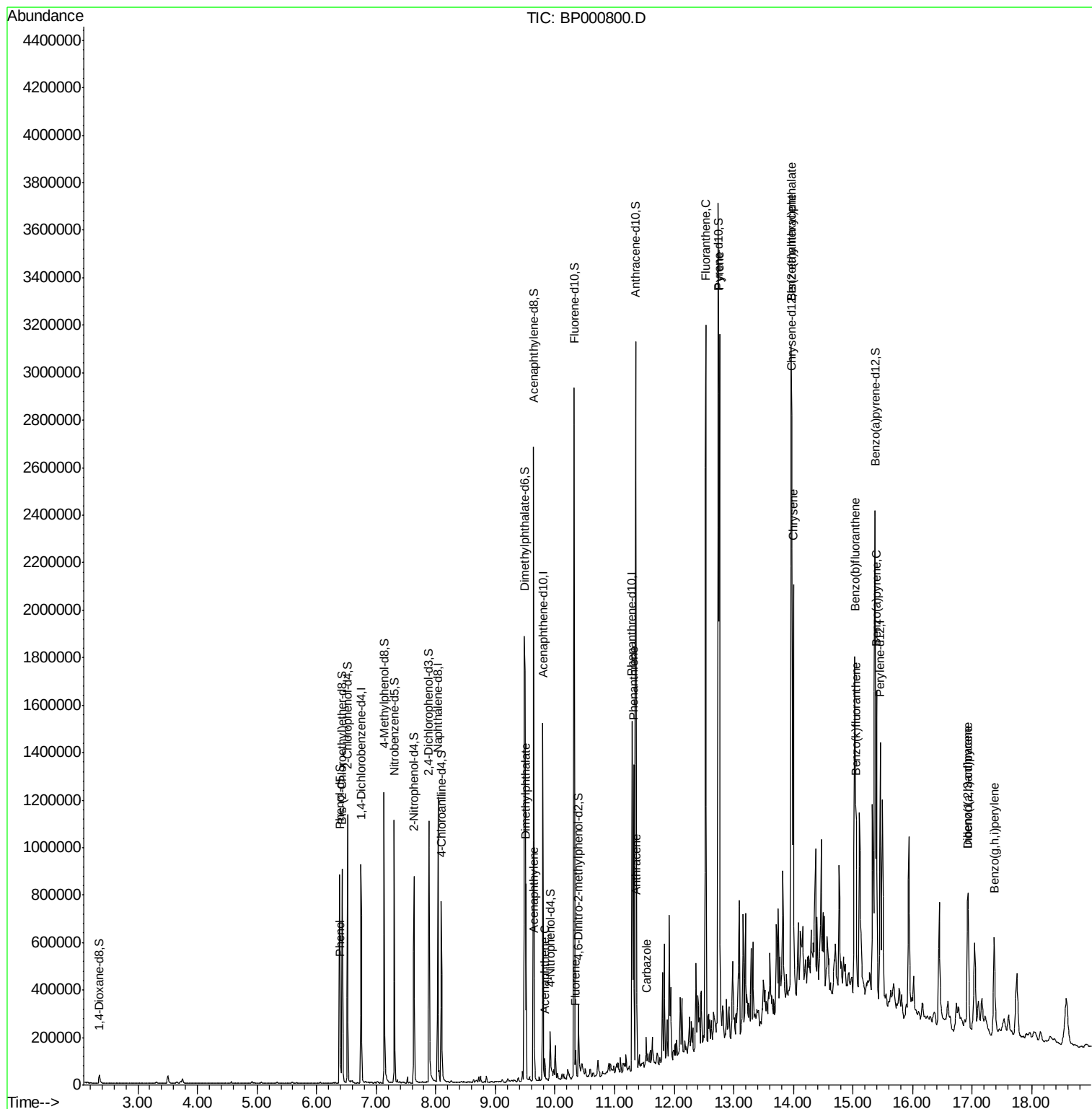
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101719\
Data File : BP000800.D
Acq On : 16 Oct 2019 10:05
Operator : JU
Sample : K5199-16
Misc :
ALS Vial : 3 Sample Multiplier: 1

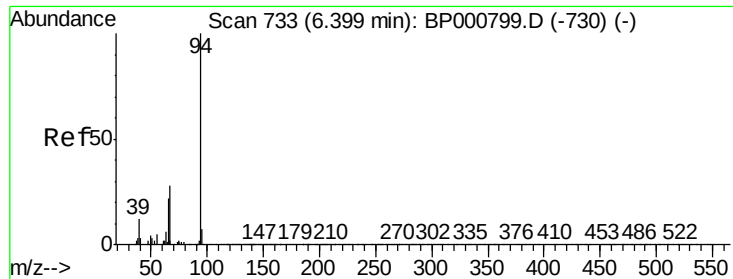
Instrument :
BNA_P
ClientSampleId :
BEPG8

Quant Time: Oct 17 08:08:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 07:55:39 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
10/20/2019 8:10:31 PM





#6

Phenol

Concen: 2.180 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BP000800.D

Acq: 16 Oct 2019 10:05

Instrument :

BNA_P

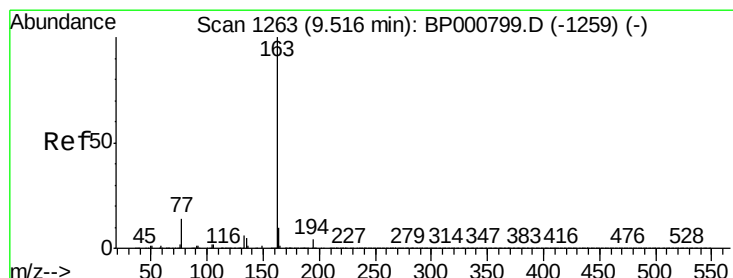
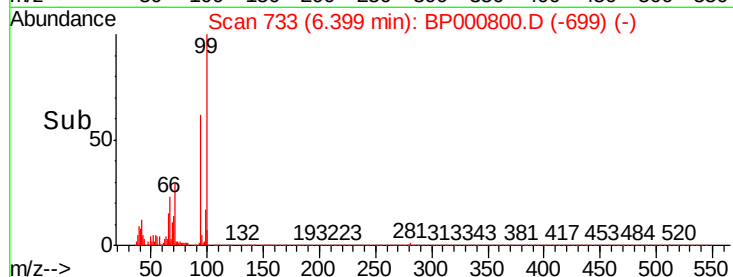
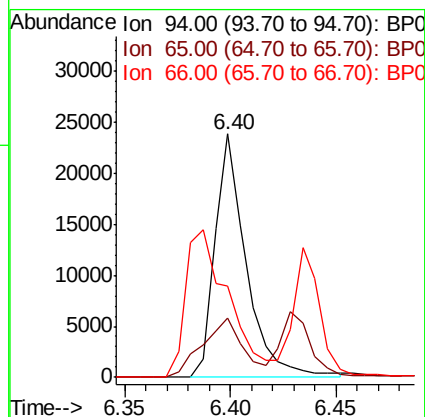
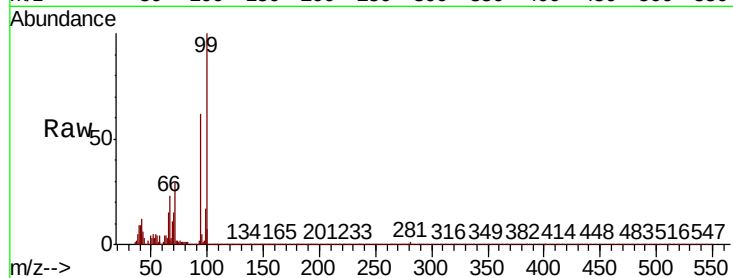
ClientSampleId :

BEPG8

Tot Ion:	94	Resp:	24174
Ion Ratio	Lower	Upper	
94	100		
65	24.2	19.2	28.8
66	37.3	25.7	38.5

Manual Integrations
APPROVED

mohammad
10/20/2019 8:10:31 PM



#45

Dimethylphthalate

Concen: 13.813 ng/ul

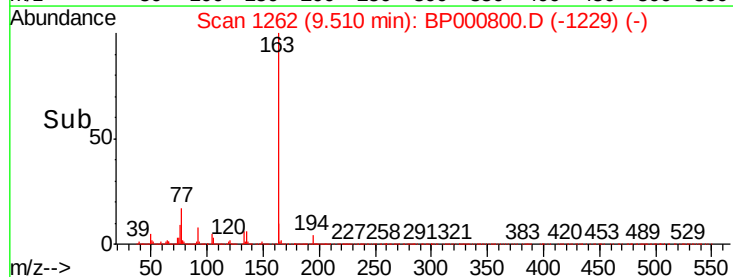
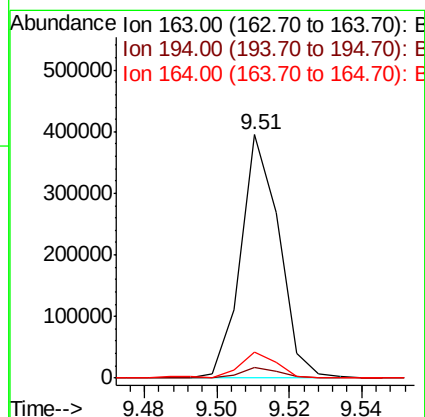
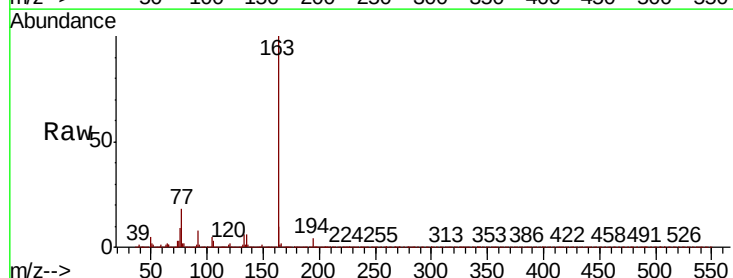
RT: 9.51 min Scan# 1262

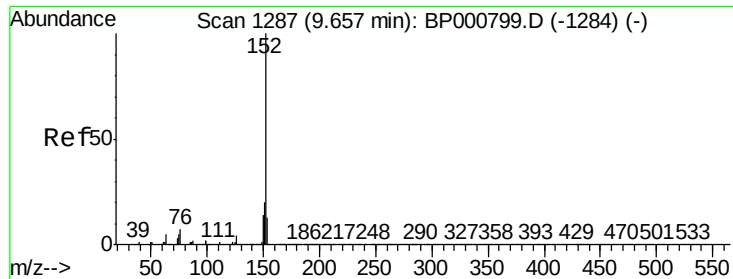
Delta R.T. -0.01 min

Lab File: BP000800.D

Acq: 16 Oct 2019 10:05

Tgt Ion:	163	Resp:	291024
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.3	4.9
164	10.5	8.1	12.1





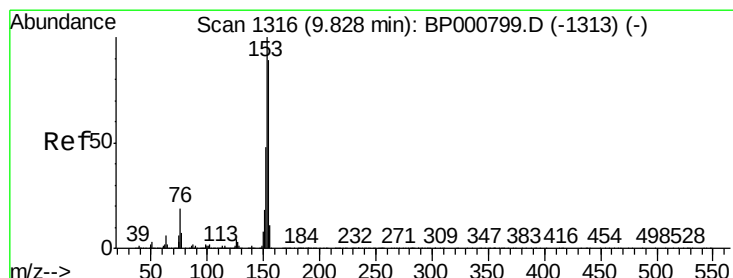
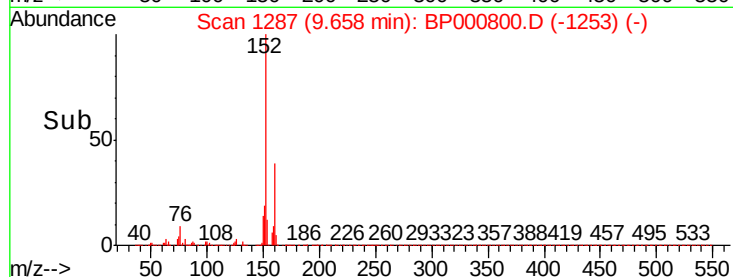
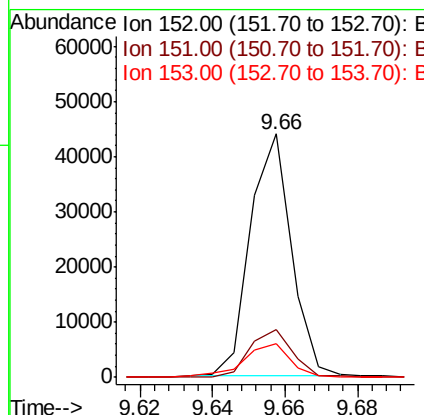
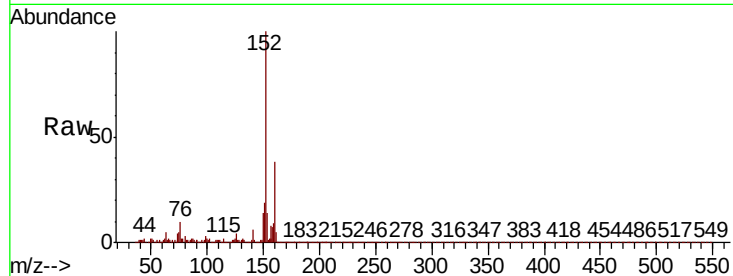
#48
Acenaphthylene
Concen: 1.288 ng/ul
RT: 9.66 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BP000800.D
Acq: 16 Oct 2019 10:05

Instrument :
BNA_P
ClientSampleId :
BEPG8

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.4
153	14.1	10.9	16.3

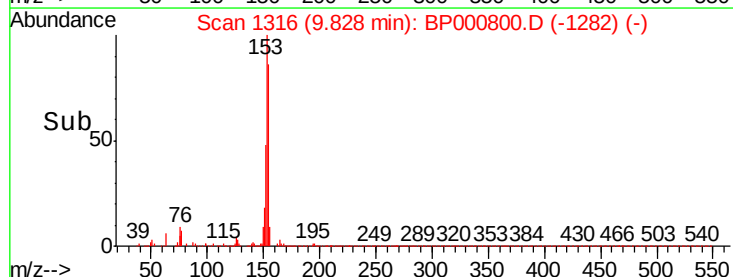
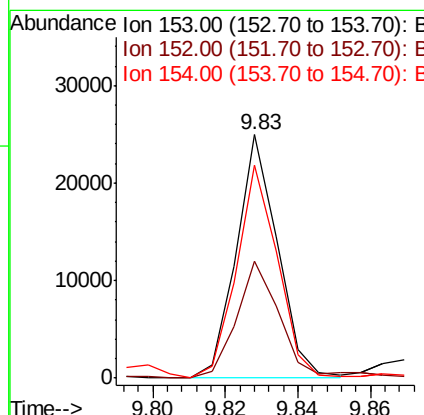
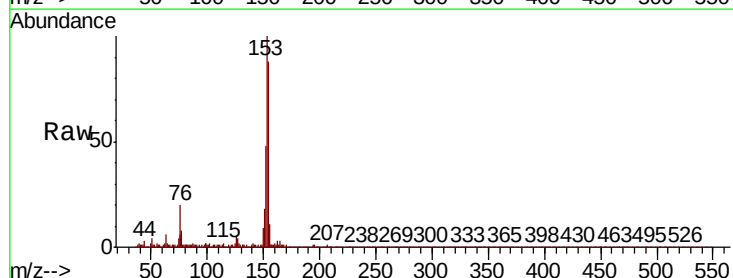
Manual Integrations
APPROVED

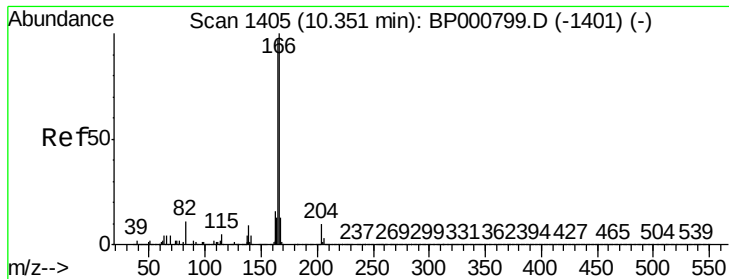
mohammad
10/20/2019 8:10:31 PM



#50
Acenaphthene
Concen: 1.056 ng/ul
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BP000800.D
Acq: 16 Oct 2019 10:05

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.2	38.6	57.8
154	87.7	71.9	107.9





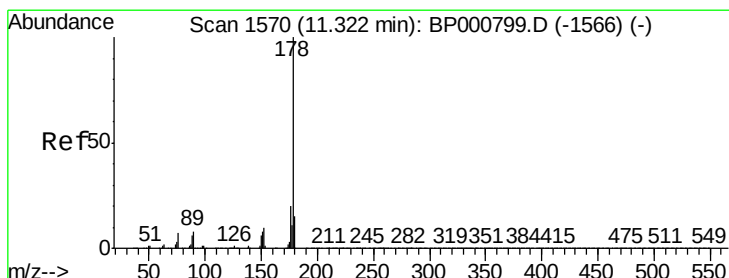
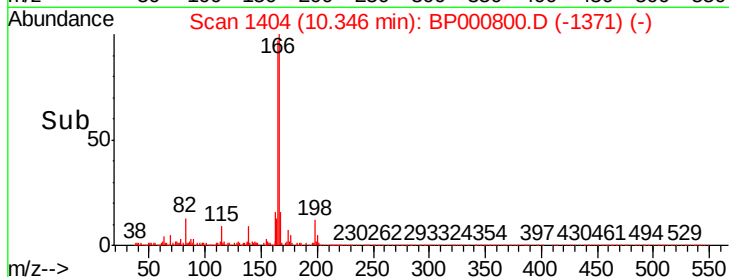
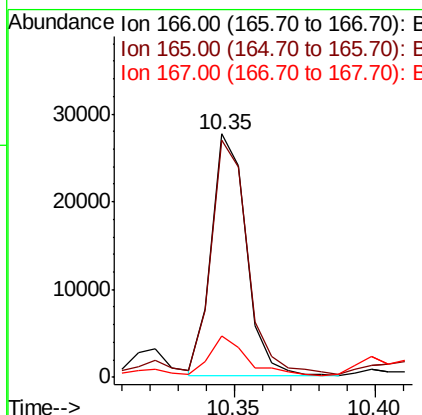
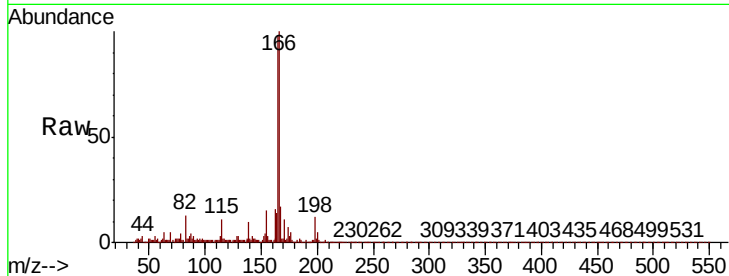
#59
Fluorene
Concen: 1.171 ng/ul
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP000800.D
Acq: 16 Oct 2019 10:05

Instrument :
BNA_P
ClientSampleId :
BEPG8

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.4	116.0
167	17.0	10.8	16.2

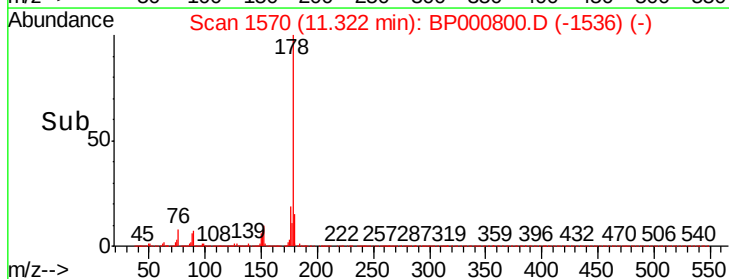
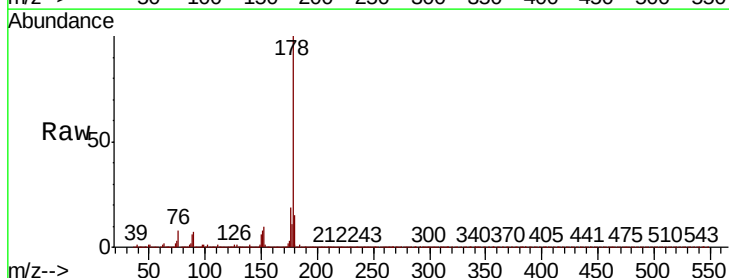
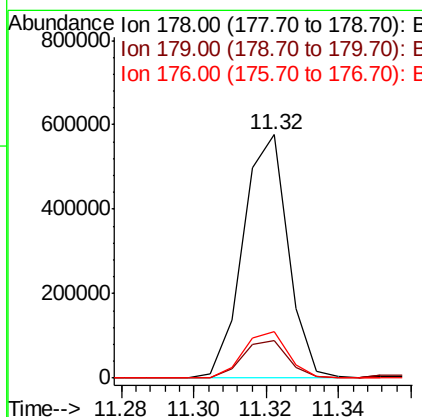
Manual Integrations
APPROVED

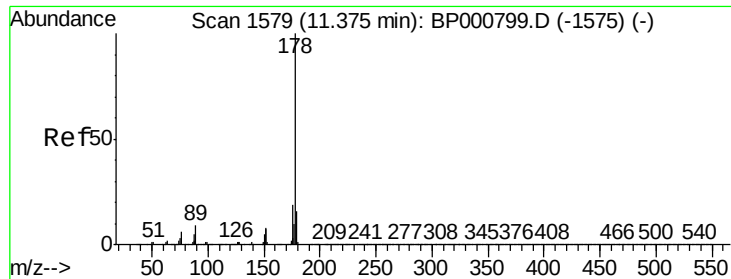
mohammad
10/20/2019 8:10:31 PM



#70
Phenanthrene
Concen: 16.143 ng/ul
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BP000800.D
Acq: 16 Oct 2019 10:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	18.9	15.4	23.2





#72

Anthracene

Concen: 3.571 ng/ul

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BP000800.D

Acq: 16 Oct 2019 10:05

Instrument :

BNA_P

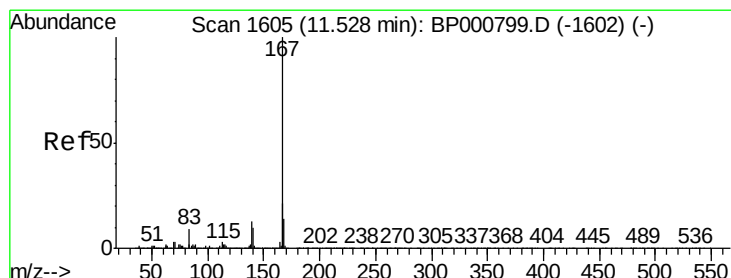
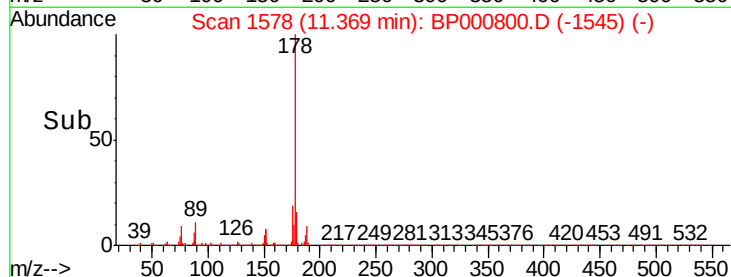
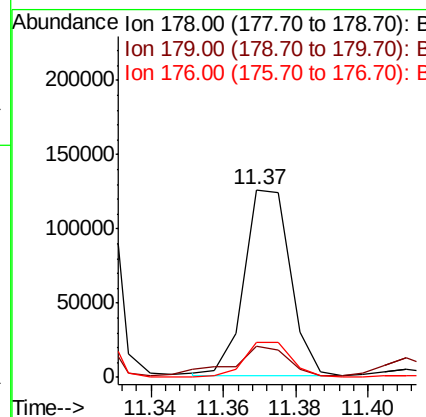
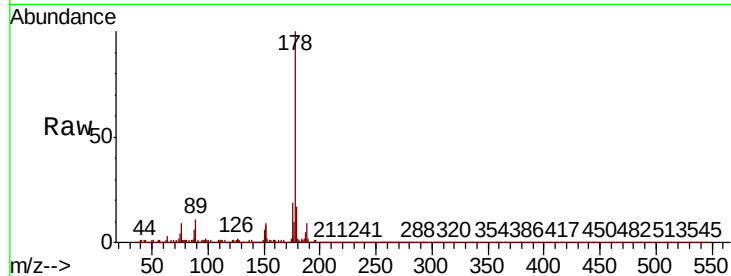
ClientSampled :

BEPG8

Tot Ion:	178	Resp:	110771
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.4	18.6
176	18.8	15.1	22.7

Manual Integrations
APPROVED

mohammad
10/20/2019 8:10:31 PM



#75

Carbazole

Concen: 1.712 ng/ul

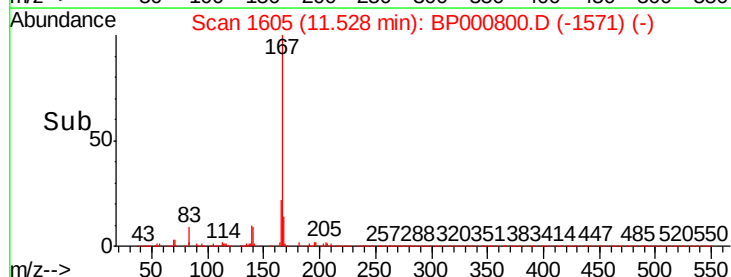
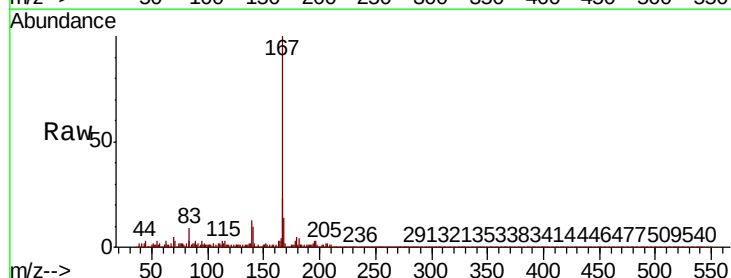
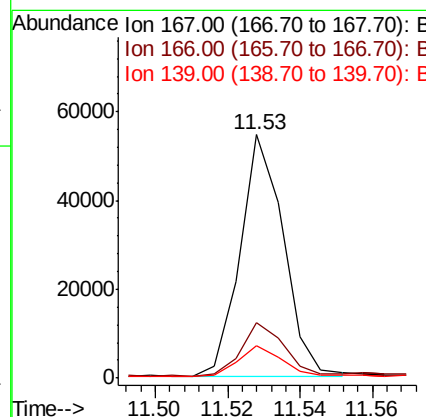
RT: 11.53 min Scan# 1605

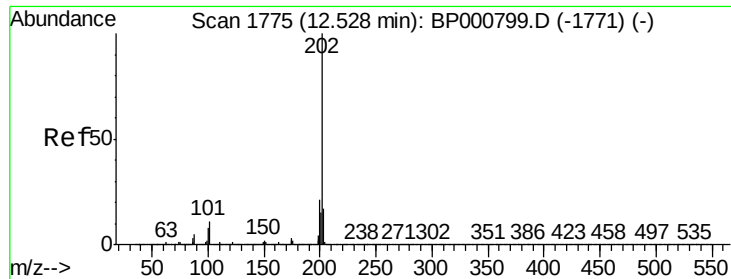
Delta R.T. 0.00 min

Lab File: BP000800.D

Acq: 16 Oct 2019 10:05

Tgt Ion:	167	Resp:	45312
Ion Ratio	Lower	Upper	
167	100		
166	22.6	17.4	26.0
139	13.3	10.2	15.4





#77

Fluoranthene

Concen: 36.556 ng/ul

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BP000800.D

Acq: 16 Oct 2019 10:05

Instrument :

BNA_P

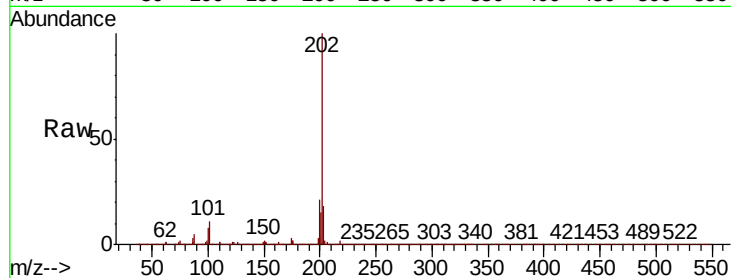
ClientSampleId :

BEPG8

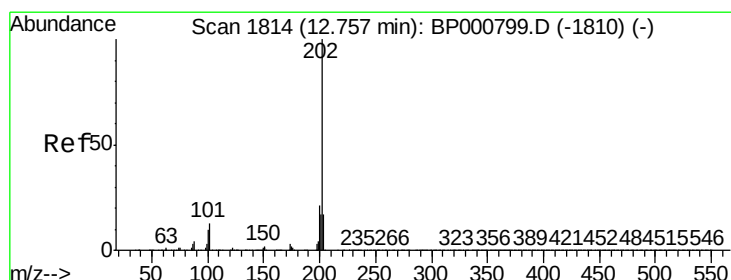
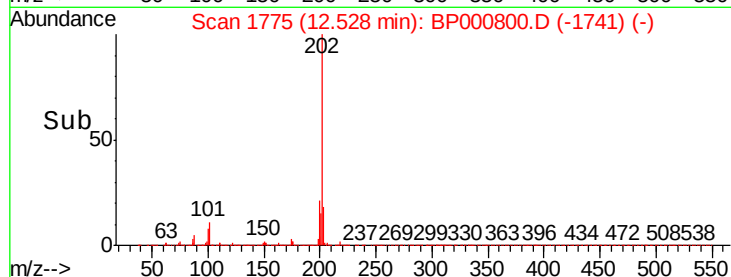
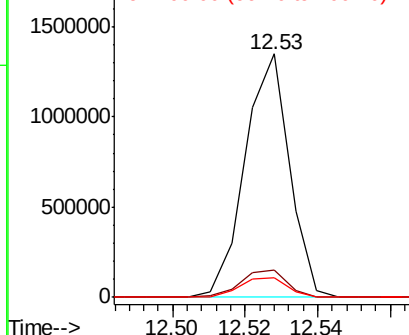
Tot Ion:	202	Resp:	1144797
Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.8	14.6
100	8.2	7.2	10.8

Manual Integrations
APPROVED

mohammad
10/20/2019 8:10:31 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): BF



#80

Pyrene

Concen: 36.567 ng/ul m

RT: 12.76 min Scan# 1814

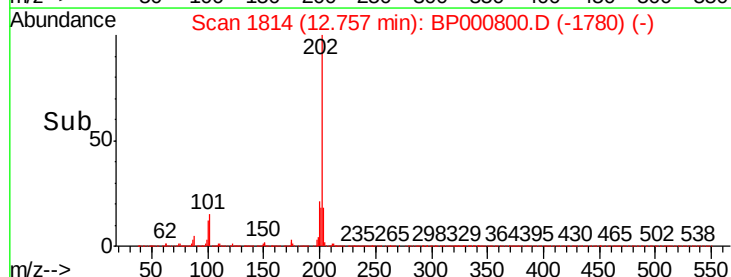
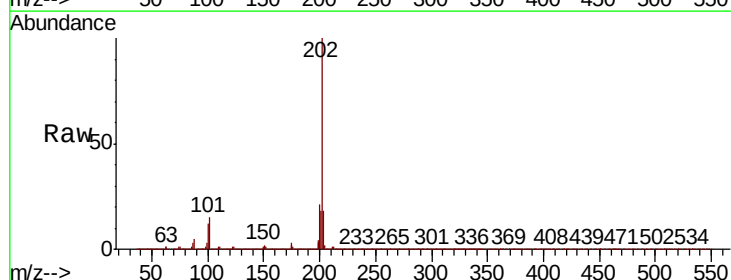
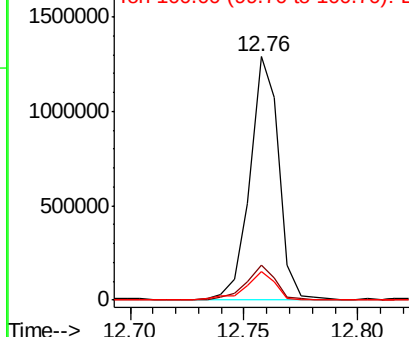
Delta R.T. 0.00 min

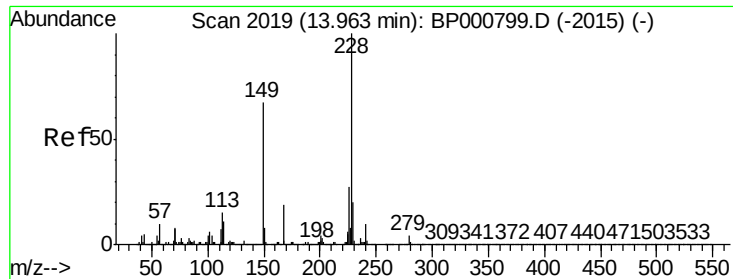
Lab File: BP000800.D

Acq: 16 Oct 2019 10:05

Tgt Ion:	202	Resp:	1152429
Ion	Ratio	Lower	Upper
202	100		
101	14.6	9.7	14.5#
100	11.8	7.8	11.8#

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): BF





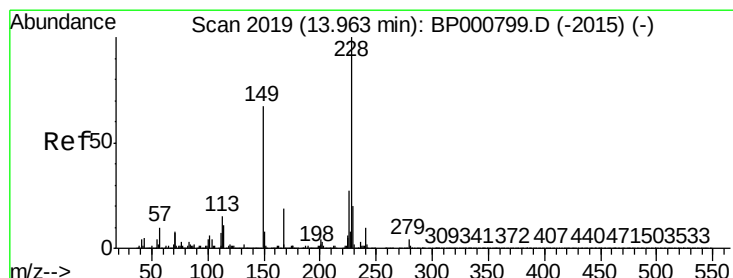
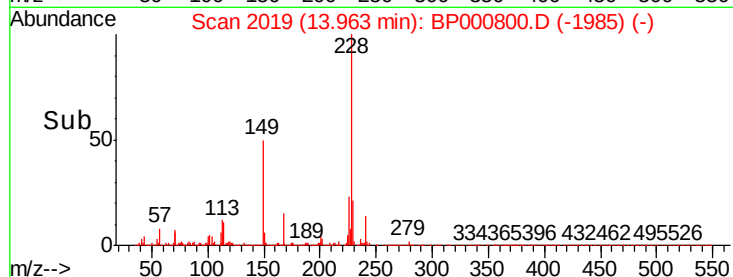
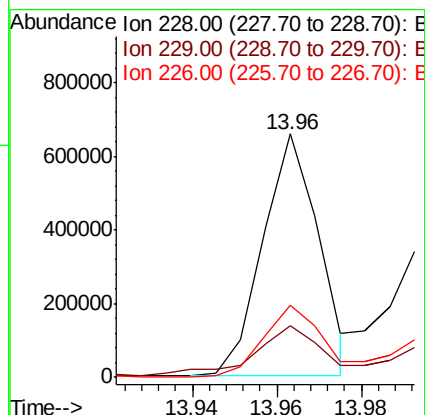
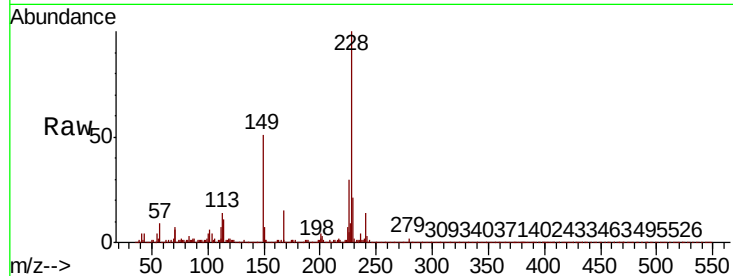
#83
Benzo(a)anthracene
Concen: 20.250 ng/ul
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BP000800.D
Acq: 16 Oct 2019 10:05

Instrument :
BNA_P
ClientSampleID :
BEPG8

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.6	23.4
226	29.5	21.8	32.8

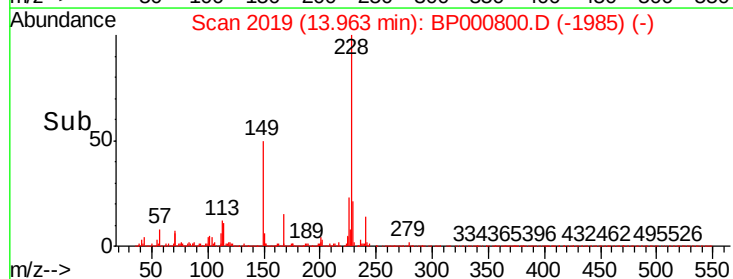
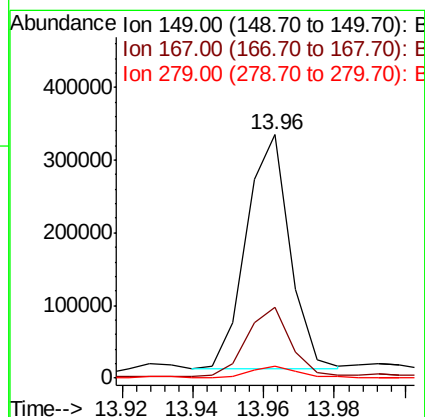
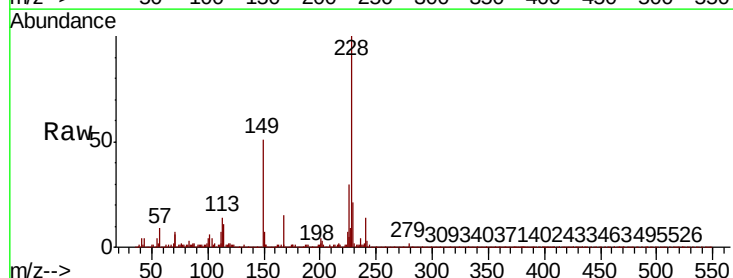
Manual Integrations
APPROVED

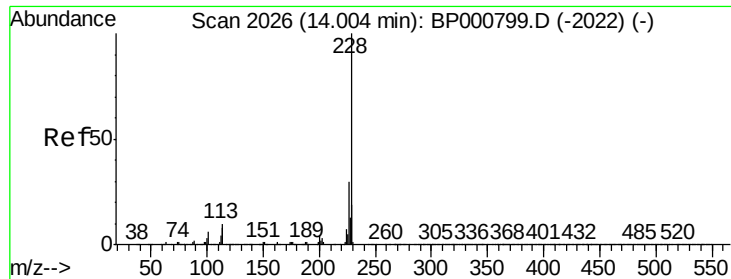
mohammad
10/20/2019 8:10:31 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 16.052 ng/ul m
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BP000800.D
Acq: 16 Oct 2019 10:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.3	33.5
279	4.9	3.2	4.8#





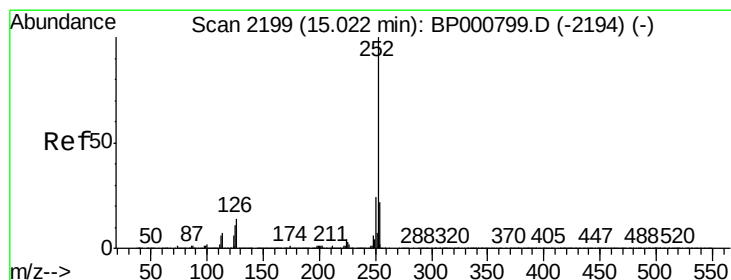
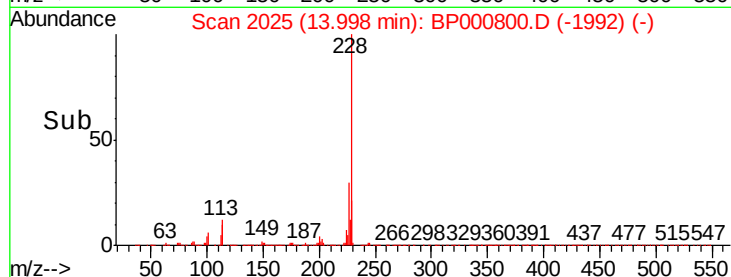
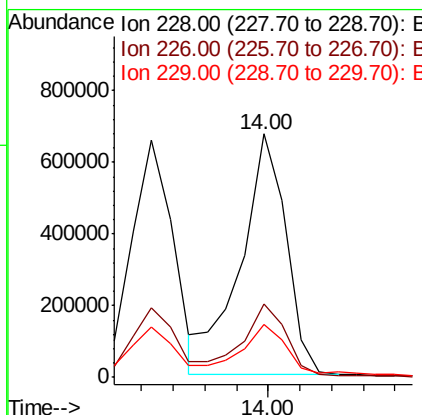
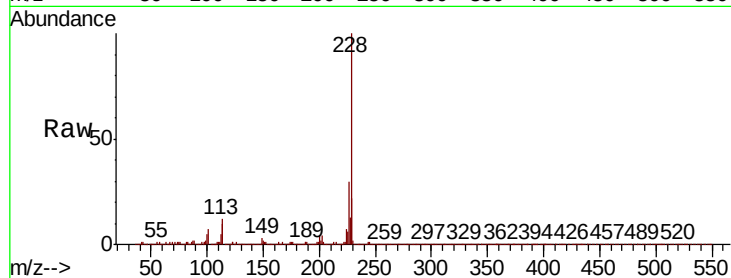
#85
Chrysene
Concen: 24.081 ng/ul
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BP000800.D
Acq: 16 Oct 2019 10:05

Instrument :
BNA_P
ClientSampleId :
BEPG8

Tot Ion:	228	Resp:	667277
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.2	36.4
229	21.6	15.8	23.6

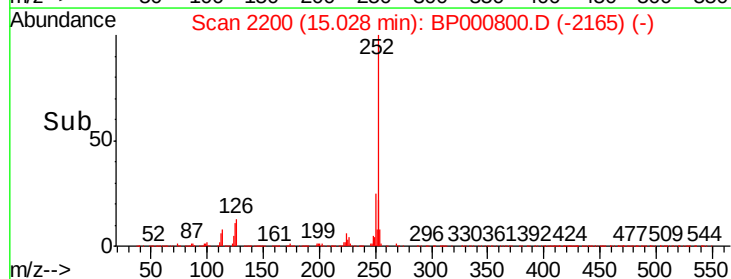
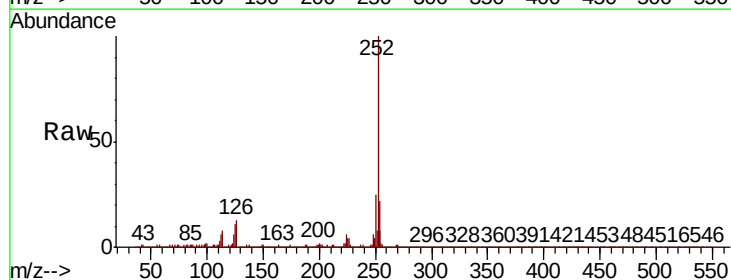
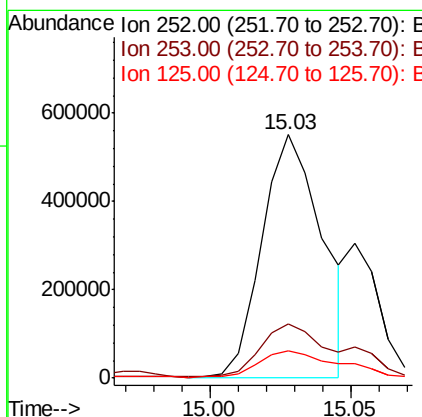
Manual Integrations
APPROVED

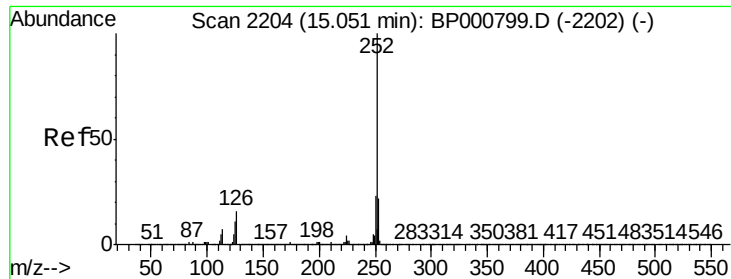
mohammad
10/20/2019 8:10:31 PM



#88
Benzo(b)fluoranthene
Concen: 27.266 ng/ul
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BP000800.D
Acq: 16 Oct 2019 10:05

Tgt Ion:	252	Resp:	812770
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.6	26.4
125	11.3	8.7	13.1





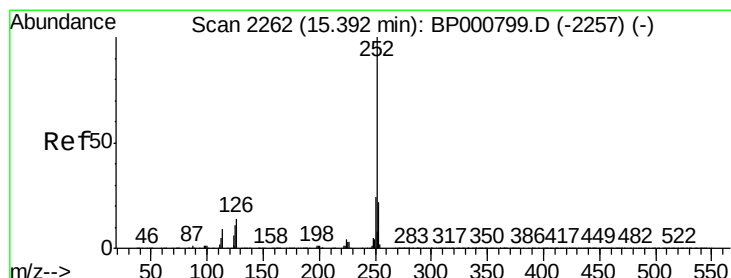
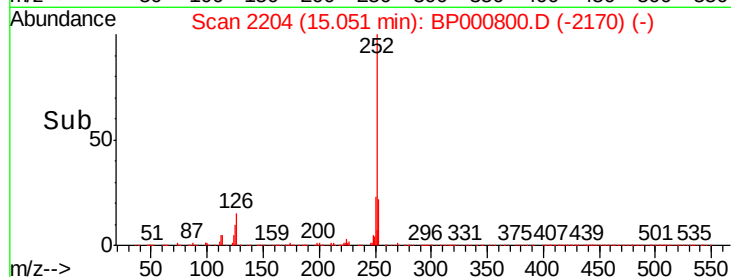
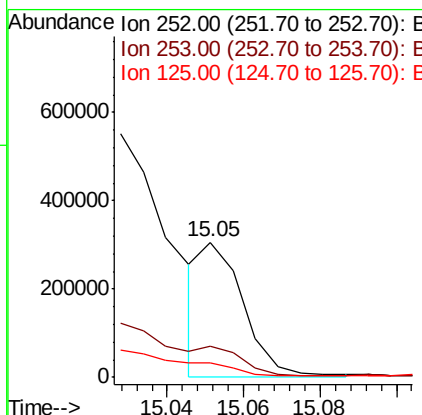
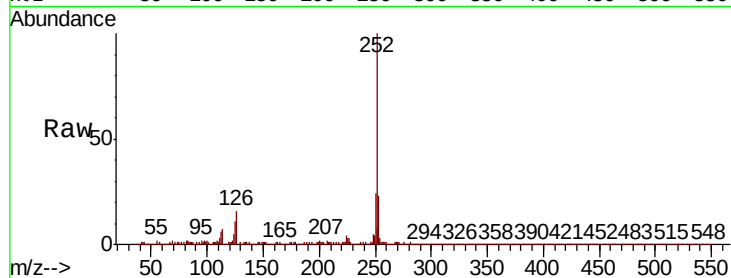
#89
Benzo(k)fluoranthene
Concen: 8.328 ng/ul m
RT: 15.05 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BP000800.D
Acq: 16 Oct 2019 10:05

Instrument :
BNA_P
ClientSampled :
BEPG8

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	11.2	8.2	12.4

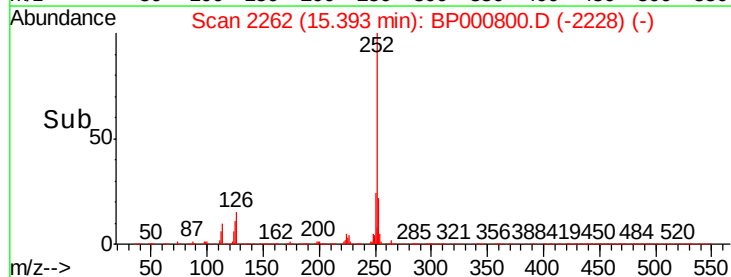
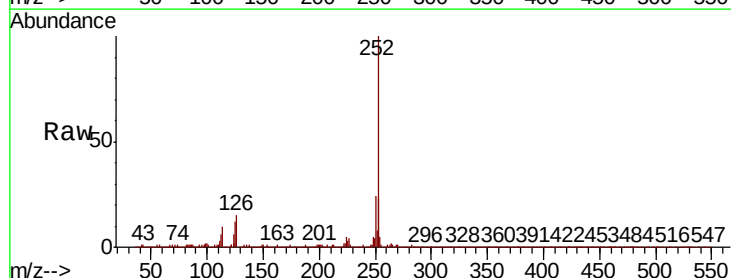
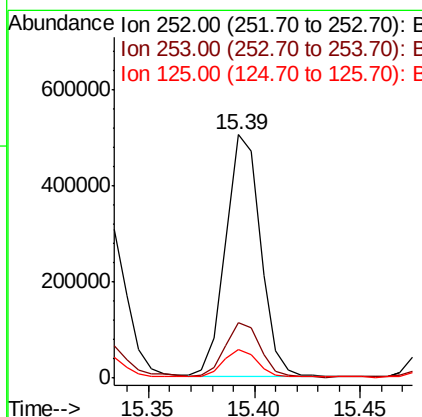
Manual Integrations
APPROVED

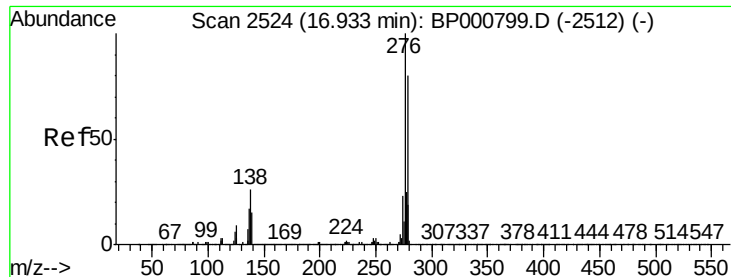
mohammad
10/20/2019 8:10:31 PM



#91
Benzo(a)pyrene
Concen: 20.539 ng/ul
RT: 15.39 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BP000800.D
Acq: 16 Oct 2019 10:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	11.6	9.7	14.5





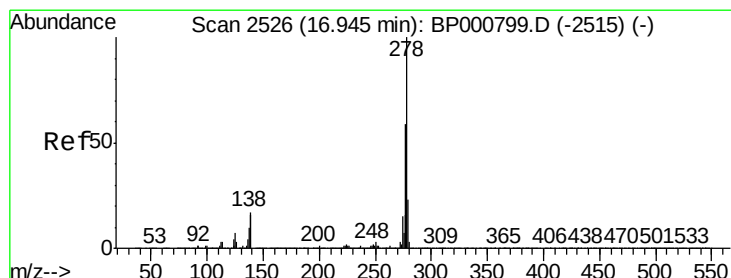
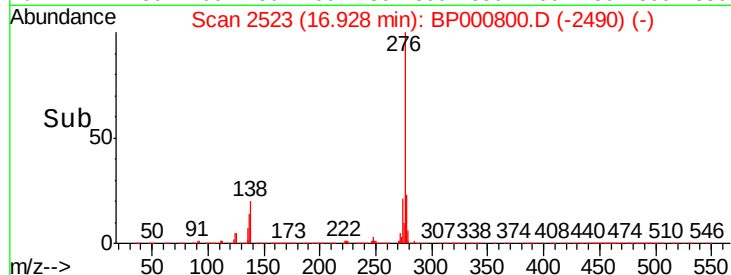
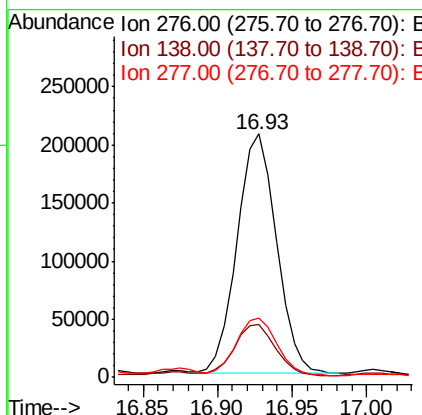
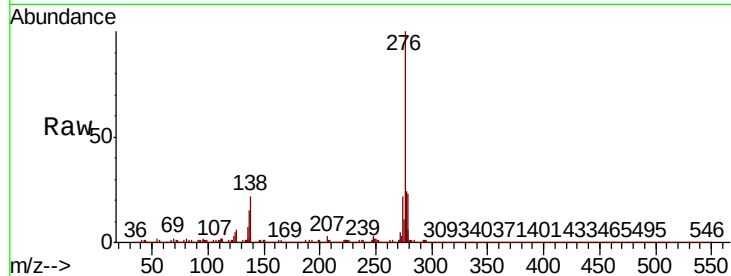
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 11.634 ng/ul
 RT: 16.93 min Scan# 2523
 Delta R.T. -0.01 min
 Lab File: BP000800.D
 Acq: 16 Oct 2019 10:05

Instrument :
 BNA_P
 ClientSampleID :
 BEPG8

Tot Ion:	276	Resp:	376366
Ion Ratio	Lower	Upper	
276	100		
138	21.6	20.0	30.0
277	24.2	19.8	29.8

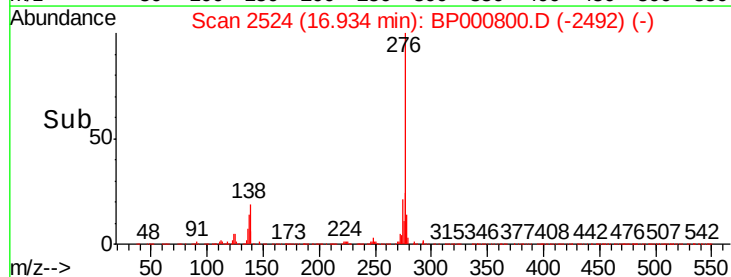
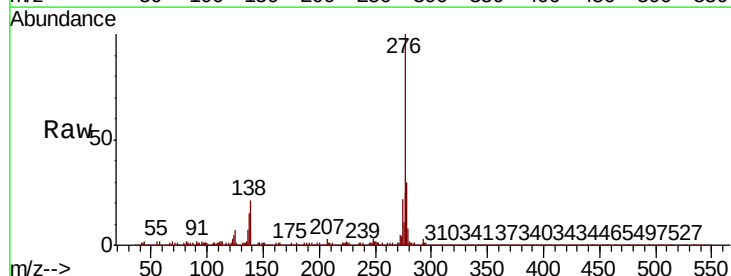
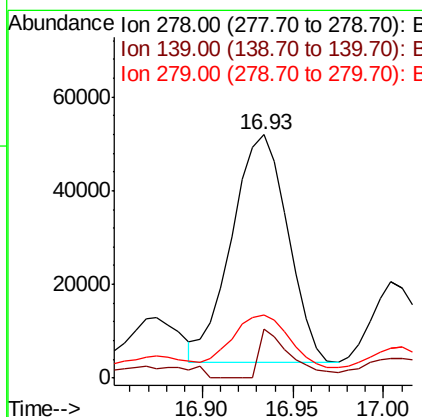
Manual Integrations
 APPROVED

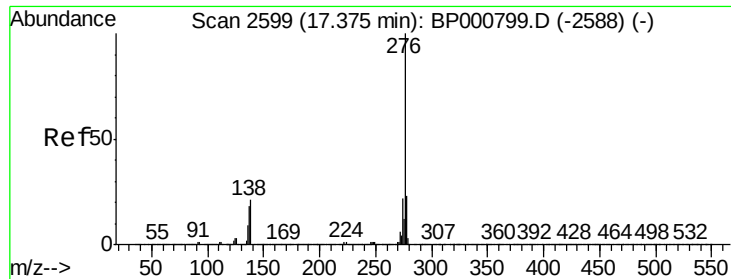
mohammad
 10/20/2019 8:10:31 PM



#93
 Dibenzo(a,h)anthracene
 Concen: 3.916 ng/ul
 RT: 16.93 min Scan# 2524
 Delta R.T. -0.01 min
 Lab File: BP000800.D
 Acq: 16 Oct 2019 10:05

Tgt Ion:	278	Resp:	103839
Ion Ratio	Lower	Upper	
278	100		
139	20.1	14.2	21.4
279	26.0	19.2	28.8





#94

Benzo(a,h,i)perylene

Concen: 12.409 ng/ul

RT: 17.37 min Scan# 2598

Delta R.T. -0.01 min

Lab File: BP000800.D

Acq: 16 Oct 2019 10:05

Instrument :

BNA_P

ClientSampleId :

BEPG8

Tot Ion:	276	Resp:	334240
Ion Ratio	Lower	Upper	
276	100		
138	21.8	18.4	27.6
277	24.5	19.4	29.0

Manual Integrations
APPROVED

mohammad
10/20/2019 8:10:31 PM

