

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
 Data File : BP004350.D
 Acq On : 17 Dec 2020 20:30
 Operator : CG/JU
 Sample : L5067-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54E3

Manual Integrations
 APPROVED

mohammad
 12/18/2020 10:27:46 AM

Quant Time: Dec 18 01:16:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 18 00:21:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	230202	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.63	136	956362	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.48	164	596137	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.24	188	1309372	20.00	ng/ul	-0.01
78) Chrysene-d12	21.33	240	1342023	20.00	ng/ul	-0.01
86) Perylene-d12	23.70	264	1475625	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	14352	2.19	ng/uL	-0.01
5) Phenol-d5	6.99	99	288655	15.16	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.16	67	168536	14.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	239543	16.57	ng/ul	-0.01
13) 4-Methylphenol-d8	8.53	113	217407	15.11	ng/ul	-0.01
19) Nitrobenzene-d5	8.99	128	121186	15.47	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.71	143	132663	20.53	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.25	165	242922	17.10	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.76	131	241781	13.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	728990	16.00	ng/ul	-0.01
47) Acenaphthylene-d8	14.17	160	972492	16.72	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.67	143	97626	12.69	ng/ul	-0.01
58) Fluorene-d10	15.47	176	662943	16.07	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.60	200	56576	9.01	ng/ul	-0.02
71) Anthracene-d10	17.34	188	1095918	17.17	ng/ul	-0.01
79) Pyrene-d10	19.58	212	1279123	18.30	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.55	264	1383956	17.80	ng/ul	-0.02

Target Compounds

					Ovalue	
6) Phenol	7.02	94	104207	5.241	ng/ul	98
45) Dimethylphthalate	13.93	163	85567	1.844	ng/ul	99
48) Acenaphthylene	14.20	152	379042	6.568	ng/ul	99
59) Fluorene	15.53	166	63510	1.379	ng/ul#	95
70) Phenanthrene	17.28	178	796118	10.306	ng/ul	99
72) Anthracene	17.37	178	346645	4.536	ng/ul	99
77) Fluoranthene	19.26	202	1469782	17.819	ng/ul	97
80) Pyrene	19.61	202	1620462	17.900	ng/ul	97
83) Benzo(a)anthracene	21.32	228	913989	10.332	ng/ul#	90
85) Chrysene	21.37	228	869686m	10.022	ng/ul	
88) Benzo(b)fluoranthene	22.98	252	1117017	11.937	ng/ul	96
89) Benzo(k)fluoranthene	23.02	252	317170m	3.300	ng/ul	
91) Benzo(a)pyrene	23.59	252	963190	11.030	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	26.13	276	645790	5.897	ng/ul	97
93) Dibenzo(a,h)anthracene	26.13	278	178710	1.947	ng/ul#	82
94) Benzo(g,h,i)perylene	26.87	276	670857	7.302	ng/ul	97

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

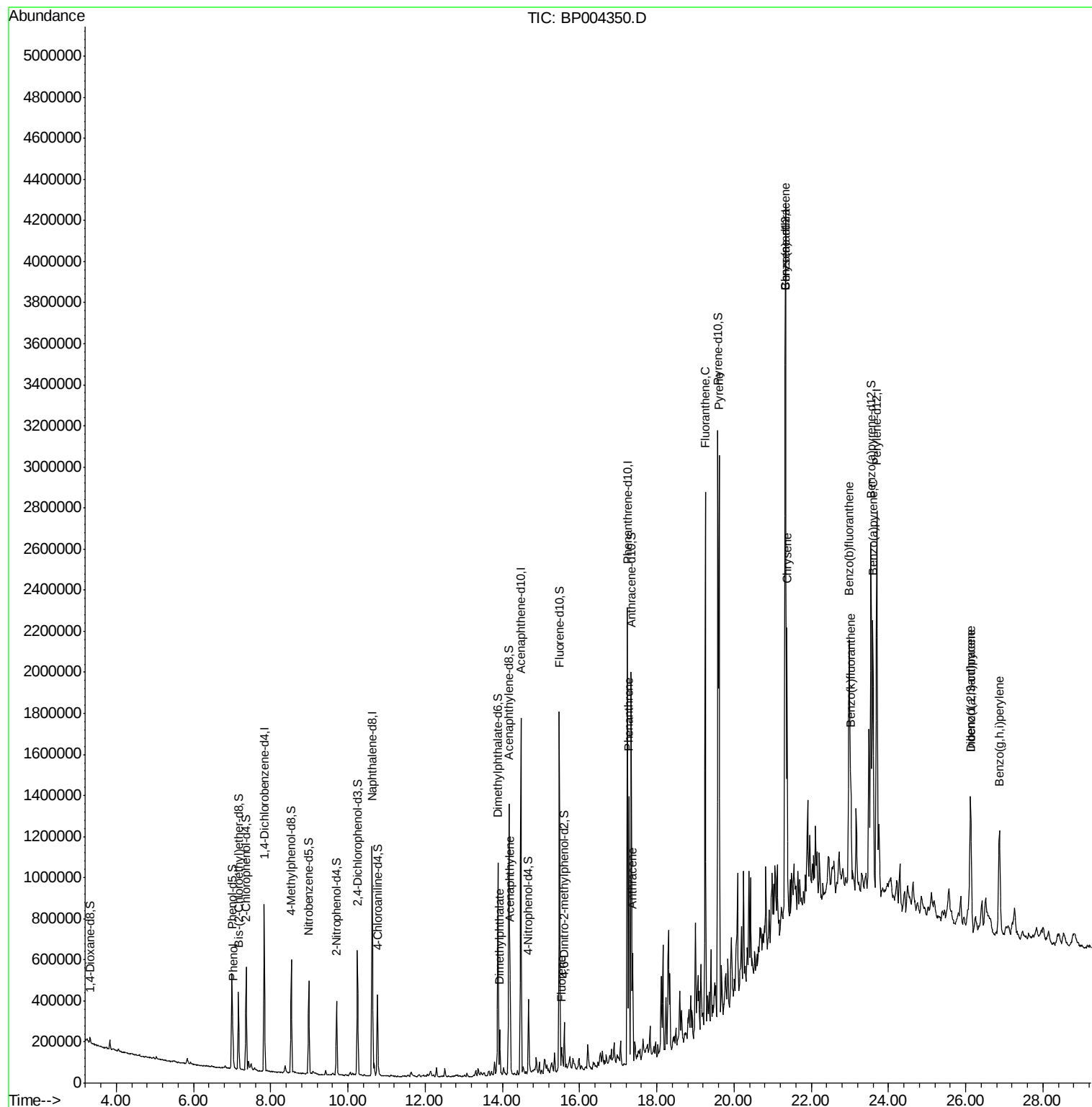
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004350.D
Acq On : 17 Dec 2020 20:30
Operator : CG/JU
Sample : L5067-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

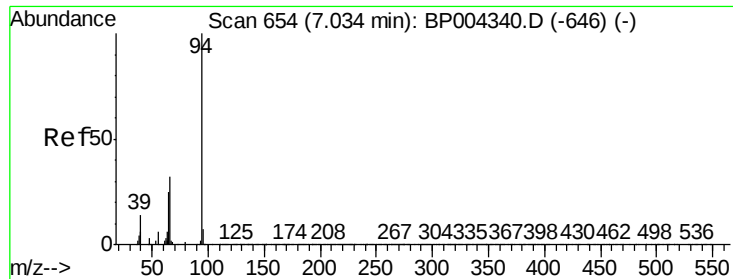
Instrument :
BNA_P
ClientSampled :
A54E3

Manual Integrations
APPROVED

mohammad
12/18/2020 10:27:46 AM

Quant Time: Dec 18 01:16:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 18 00:21:01 2020
Response via : Initial Calibration





#6

Phenol

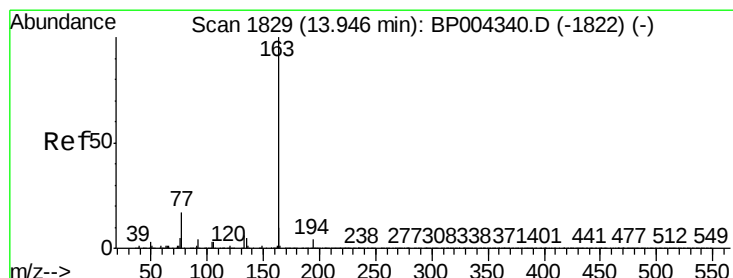
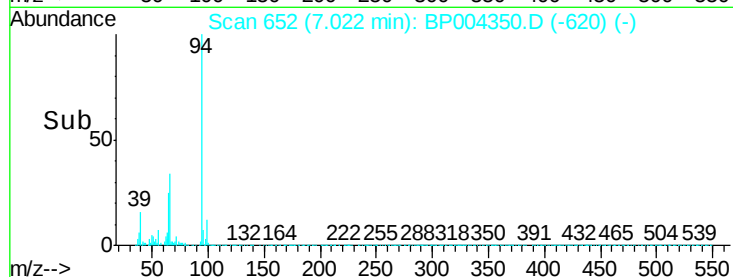
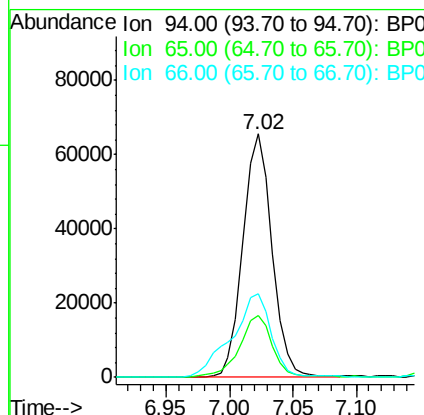
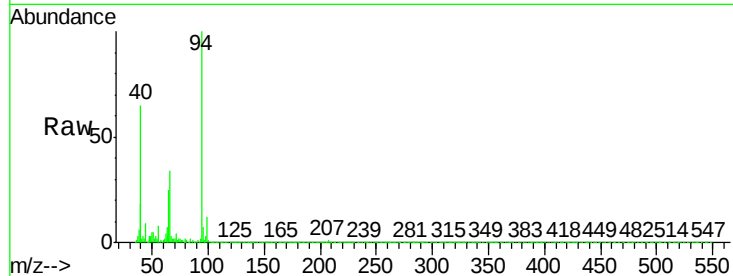
Concen: 5.241 ng/ul
 RT: 7.02 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BP004350.D
 Acq: 17 Dec 2020 20:30

Instrument :
 BNA_P
 ClientSampleId :
 A54E3

Tot Ion	Ratio	Lower	Upper
94	100		
65	25.3	20.8	31.2
66	34.2	26.5	39.7

Manual Integrations
 APPROVED

mohammad
 12/18/2020 10:27:46 AM

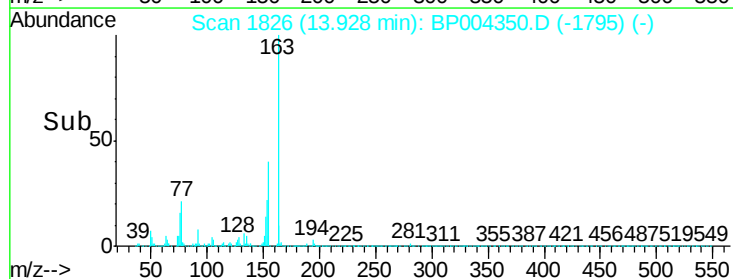
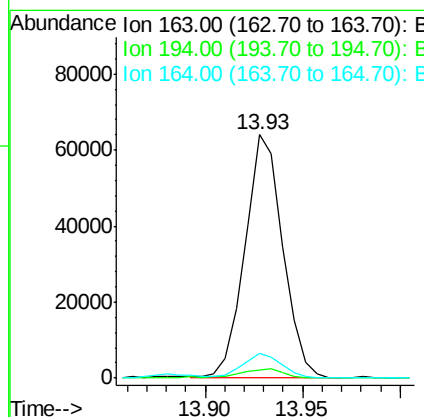
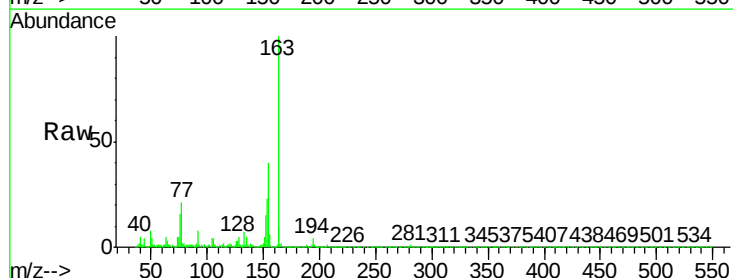


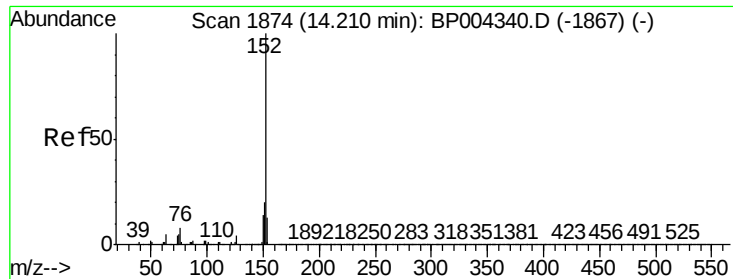
#45

Dimethylphthalate

Concen: 1.844 ng/ul
 RT: 13.93 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BP004350.D
 Acq: 17 Dec 2020 20:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.4	5.2
164	10.1	8.4	12.6





#48

Acenaphthylene

Concen: 6.568 ng/ul

RT: 14.20 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BP004350.D

Acq: 17 Dec 2020 20:30

Instrument :

BNA_P

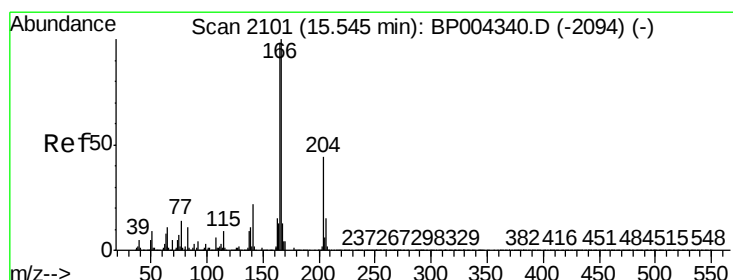
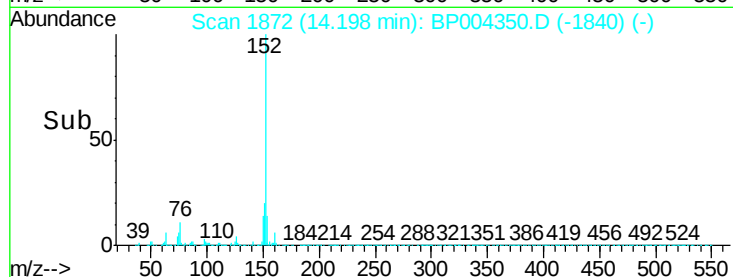
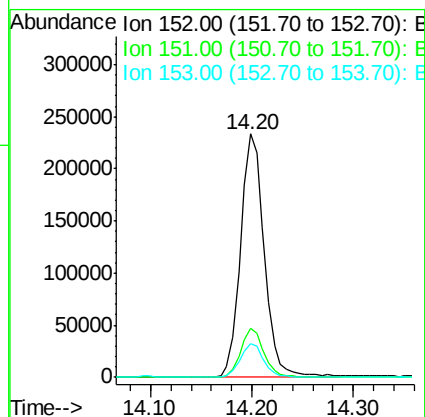
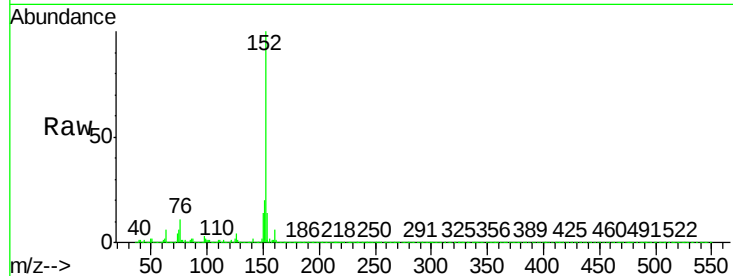
ClientSampleId :

A54E3

Tot Ion:	152	Resp:	379042
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.8	23.8
153	13.8	10.6	16.0

Manual Integrations
APPROVED

mohammad
12/18/2020 10:27:46 AM



#59

Fluorene

Concen: 1.379 ng/ul

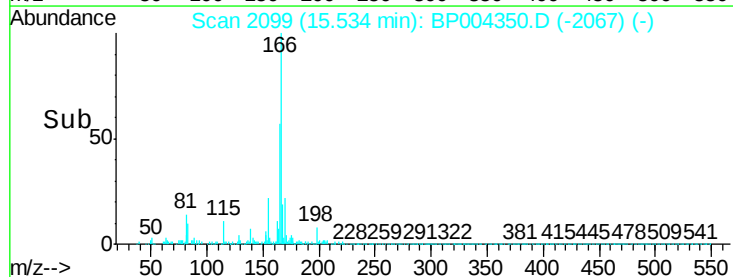
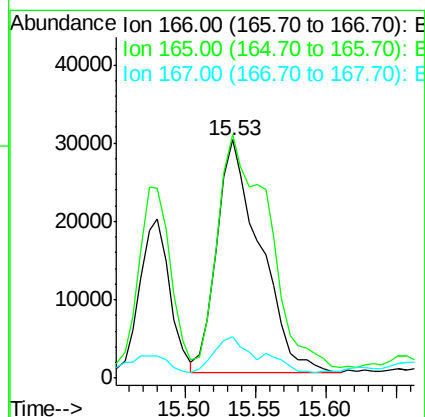
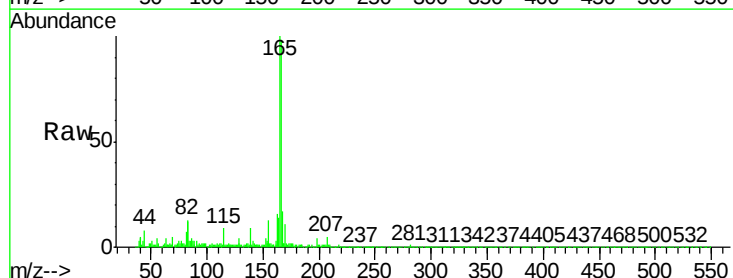
RT: 15.53 min Scan# 2099

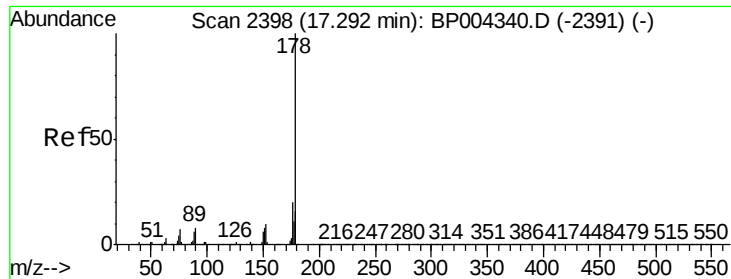
Delta R.T. -0.01 min

Lab File: BP004350.D

Acq: 17 Dec 2020 20:30

Tgt Ion:	166	Resp:	63510
Ion Ratio	Lower	Upper	
166	100		
165	102.3	78.2	117.2
167	17.3	10.8	16.2#





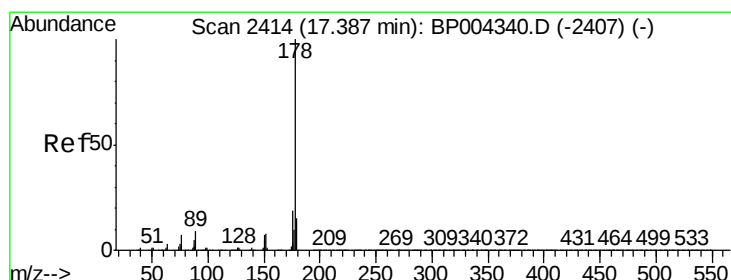
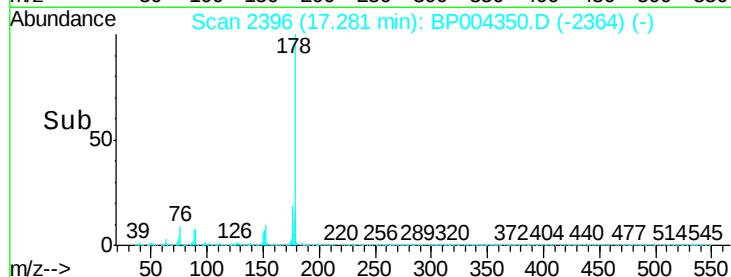
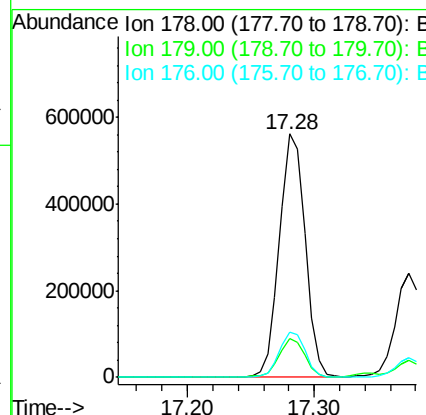
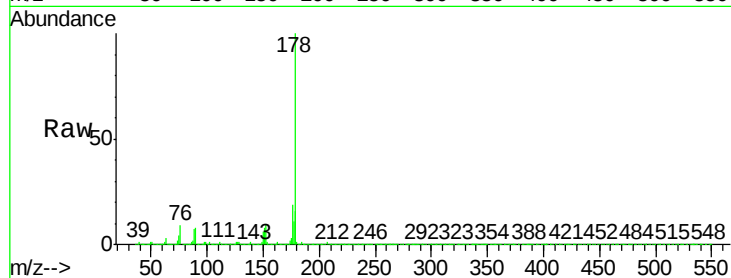
#70
Phenanthrene
Concen: 10.306 ng/ul
RT: 17.28 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BP004350.D
Acq: 17 Dec 2020 20:30

Instrument :
BNA_P
ClientSampleId :
A54E3

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	18.8	15.4	23.0

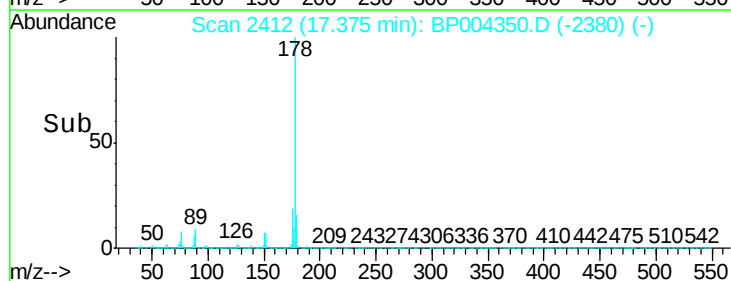
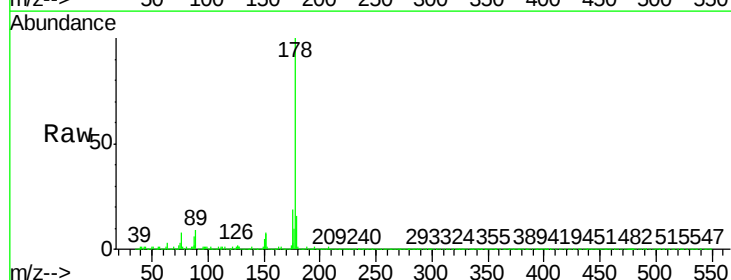
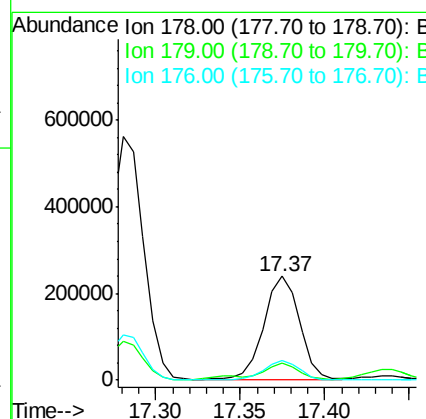
Manual Integrations
APPROVED

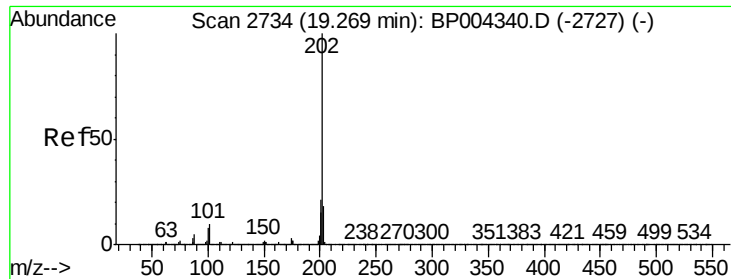
mohammad
12/18/2020 10:27:46 AM



#72
Anthracene
Concen: 4.536 ng/ul
RT: 17.37 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BP004350.D
Acq: 17 Dec 2020 20:30

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	18.9	14.9	22.3





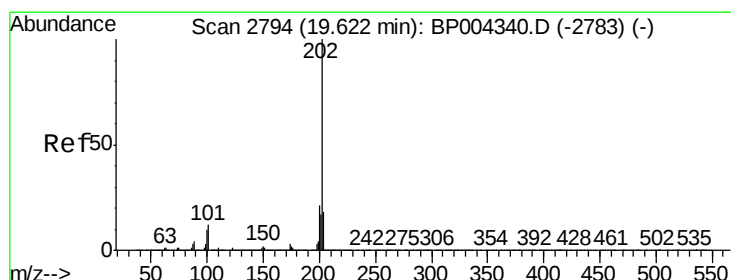
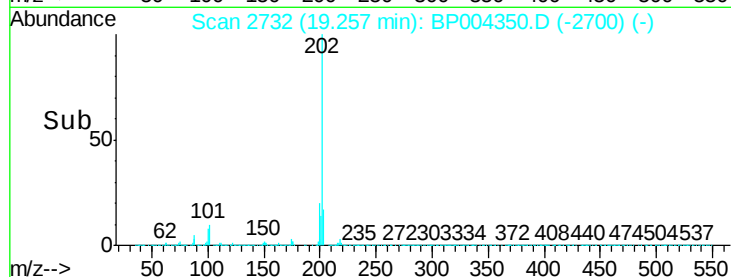
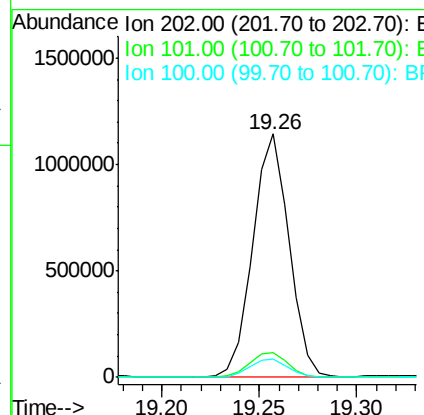
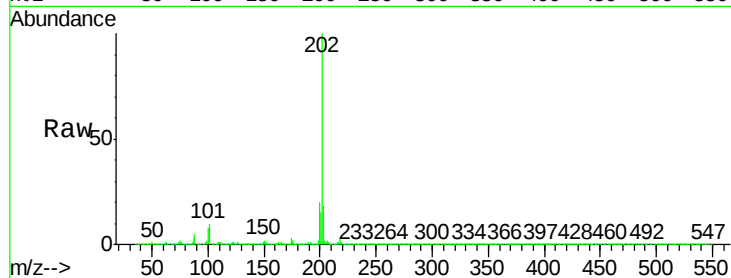
#77
Fluoranthene
Concen: 17.819 ng/ul
RT: 19.26 min Scan# 2732
Delta R.T. -0.01 min
Lab File: BP004350.D
Acq: 17 Dec 2020 20:30

Instrument :
BNA_P
ClientSampleId :
A54E3

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.1	13.7
100	7.7	7.1	10.7

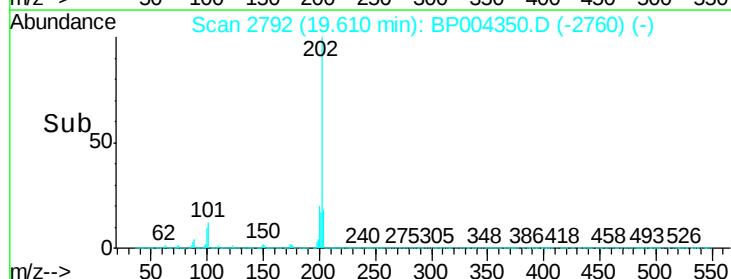
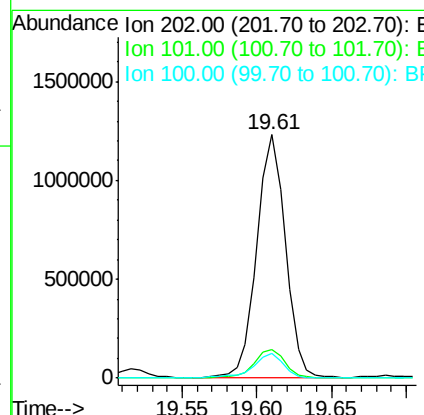
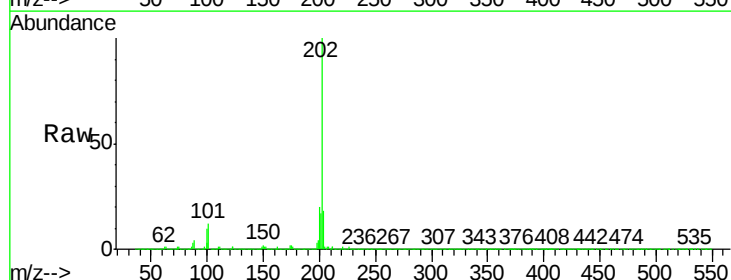
Manual Integrations
APPROVED

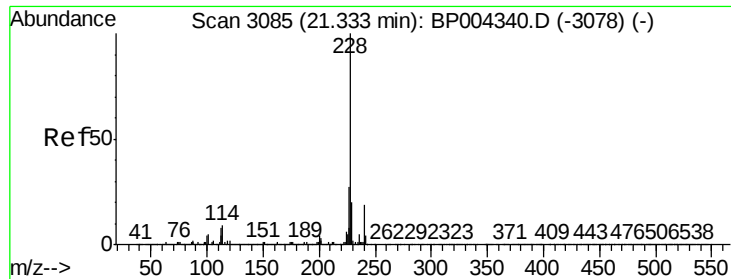
mohammad
12/18/2020 10:27:46 AM



#80
Pyrene
Concen: 17.900 ng/ul
RT: 19.61 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BP004350.D
Acq: 17 Dec 2020 20:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.6	15.8
100	9.9	8.6	12.8





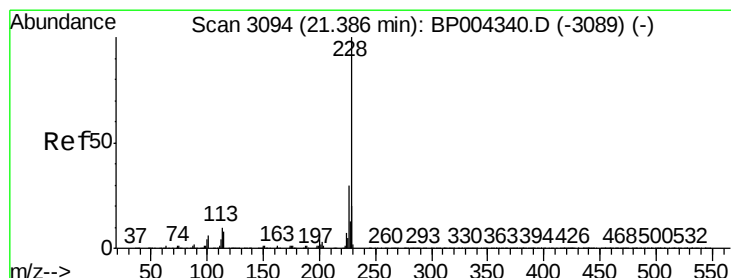
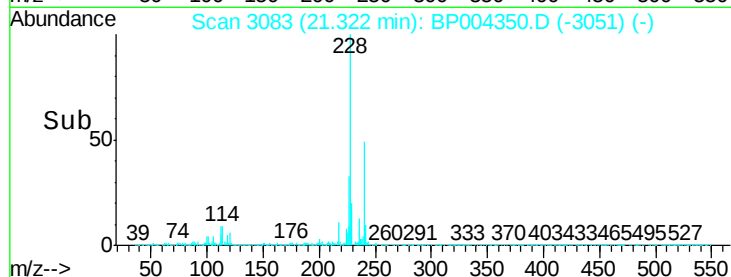
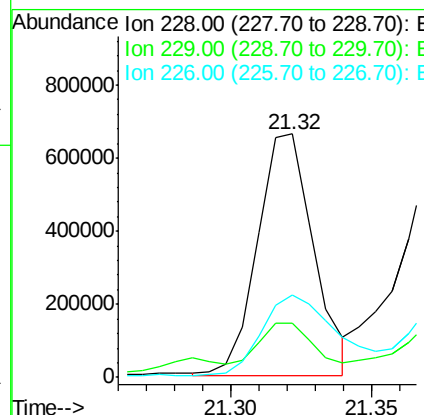
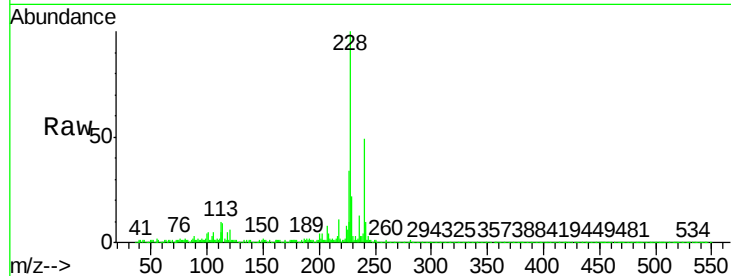
#83
Benzo(a)anthracene
Concen: 10.332 ng/ul
RT: 21.32 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BP004350.D
Acq: 17 Dec 2020 20:30

Instrument :
BNA_P
ClientSampleId :
A54E3

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.8	23.8
226	34.0	21.7	32.5

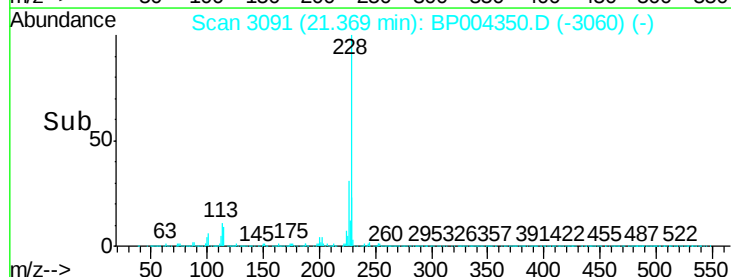
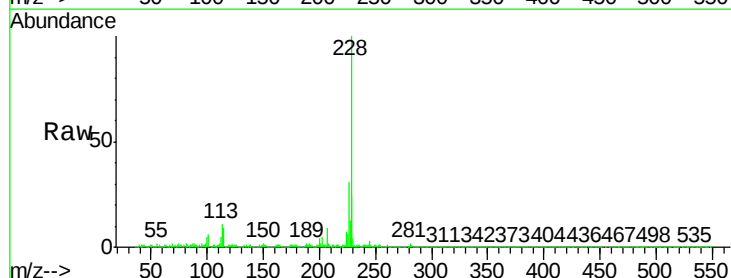
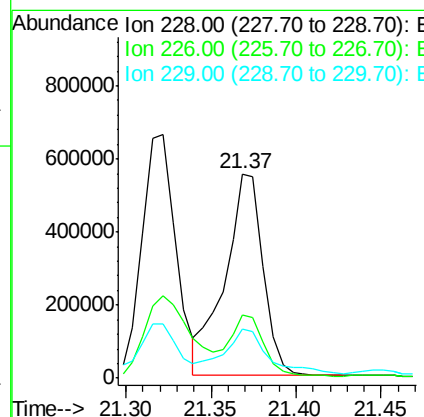
Manual Integrations
APPROVED

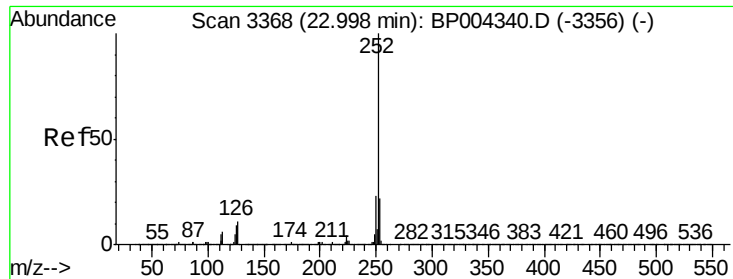
mohammad
12/18/2020 10:27:46 AM



#85
Chrysene
Concen: 10.022 ng/ul m
RT: 21.37 min Scan# 3091
Delta R.T. -0.02 min
Lab File: BP004350.D
Acq: 17 Dec 2020 20:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.2	36.2
229	24.2	15.8	23.8





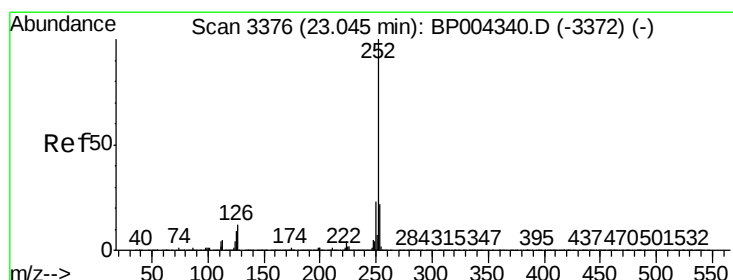
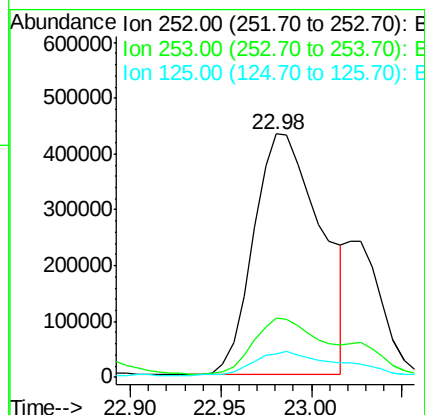
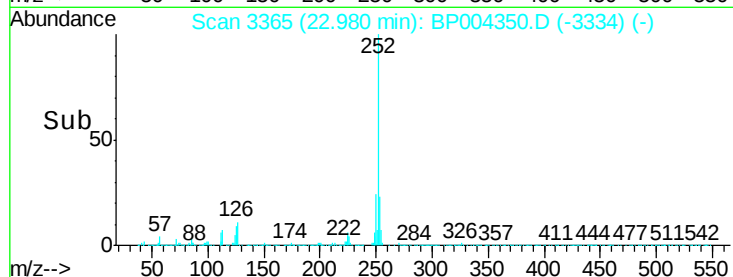
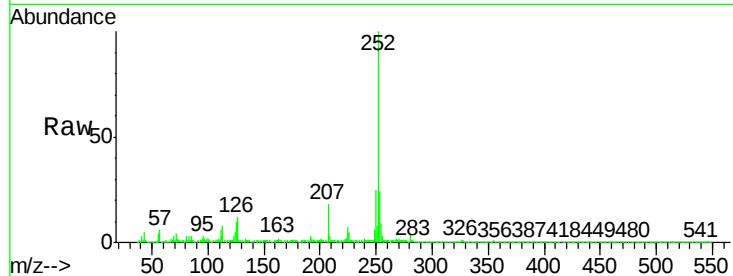
#88
Benzo(b)fluoranthene
Concen: 11.937 ng/ul
RT: 22.98 min Scan# 3365
Delta R.T. -0.02 min
Lab File: BP004350.D
Acq: 17 Dec 2020 20:30

Instrument :
BNA_P
ClientSampled :
A54E3

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.6	26.4
125	9.7	7.7	11.5

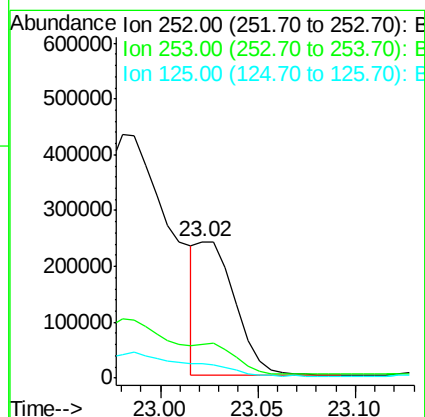
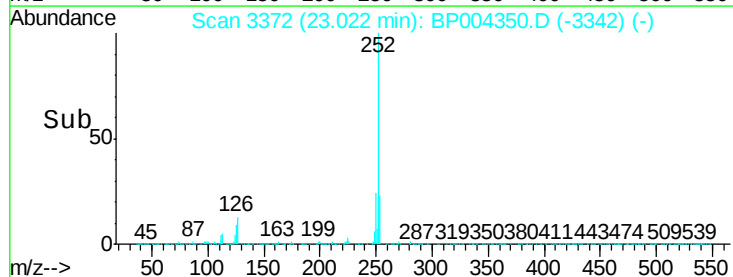
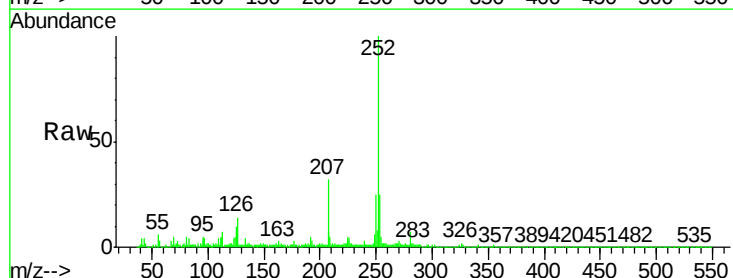
Manual Integrations
APPROVED

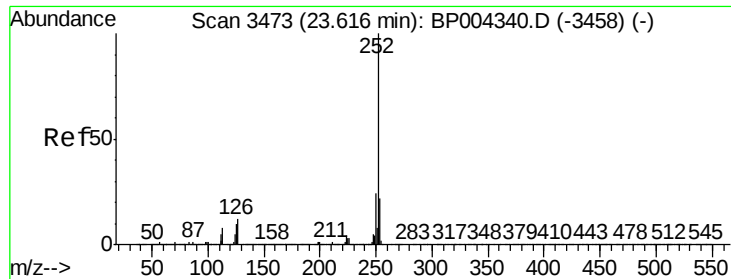
mohammad
12/18/2020 10:27:46 AM



#89
Benzo(k)fluoranthene
Concen: 3.300 ng/ul m
RT: 23.02 min Scan# 3372
Delta R.T. -0.02 min
Lab File: BP004350.D
Acq: 17 Dec 2020 20:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.4	26.2
125	10.3	7.3	10.9





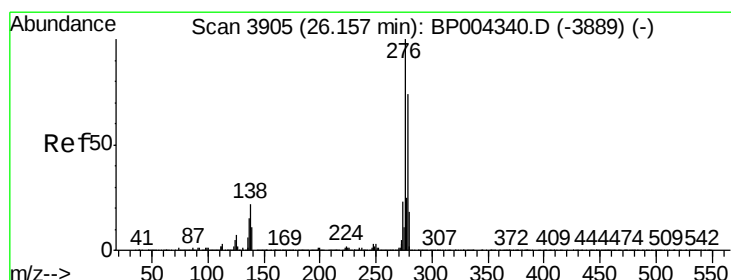
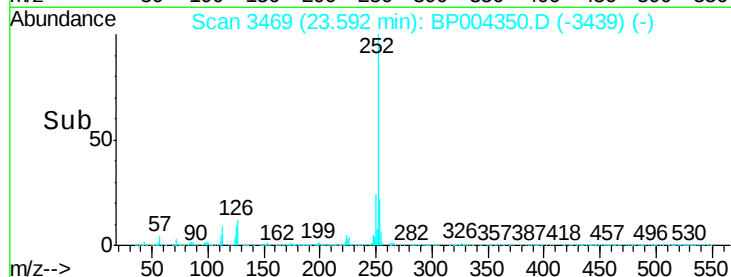
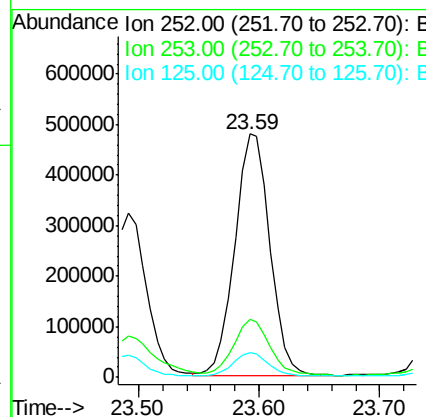
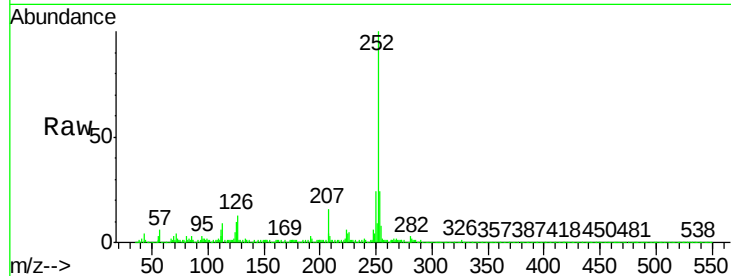
#91
Benzo(a)pyrene
Concen: 11.030 ng/ul
RT: 23.59 min Scan# 3469
Delta R.T. -0.02 min
Lab File: BP004350.D
Acq: 17 Dec 2020 20:30

Instrument :
BNA_P
ClientSampleId :
A54E3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.3	25.9
125	10.1	7.8	11.6

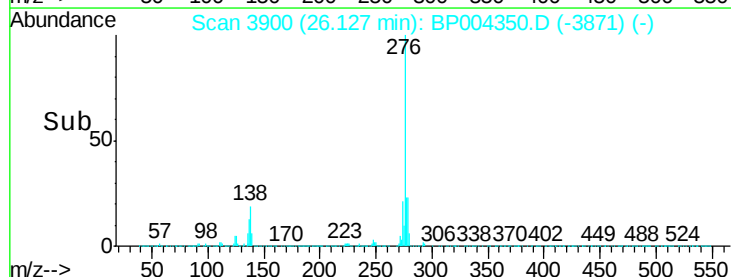
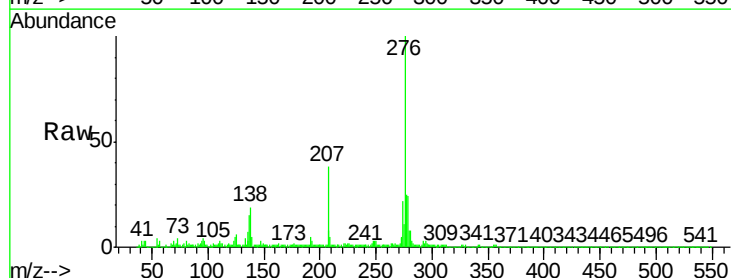
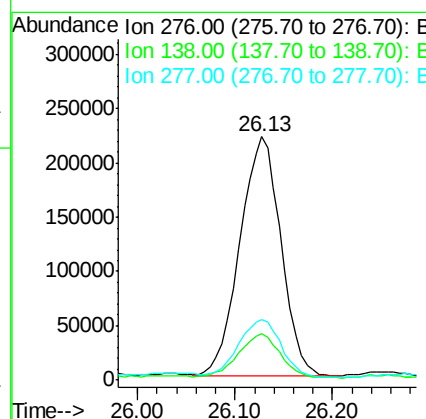
Manual Integrations
APPROVED

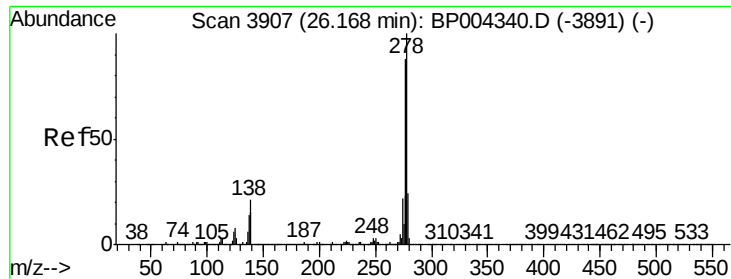
mohammad
12/18/2020 10:27:46 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 5.897 ng/ul
RT: 26.13 min Scan# 3900
Delta R.T. -0.03 min
Lab File: BP004350.D
Acq: 17 Dec 2020 20:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.3	17.8	26.6
277	24.6	19.8	29.6





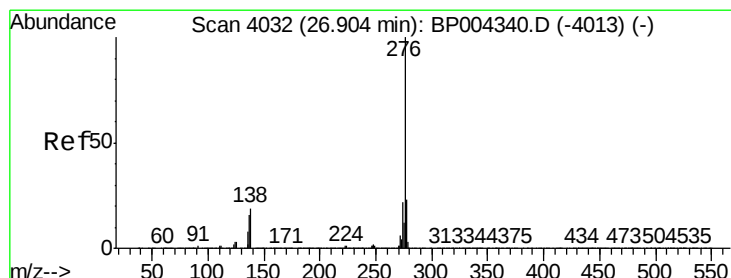
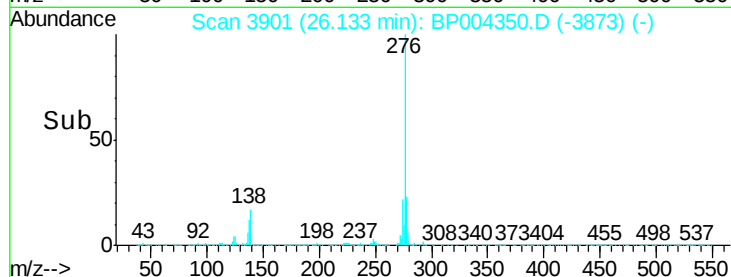
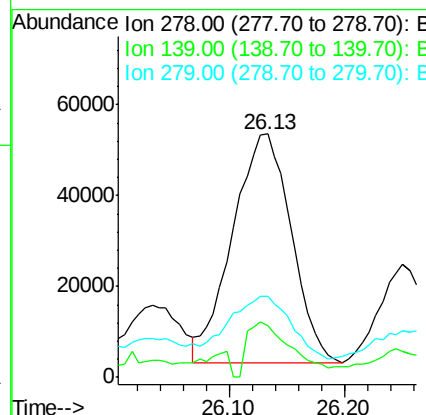
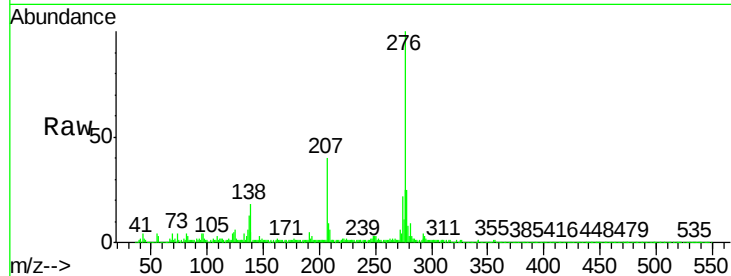
#93
Dibenzo(a,h)anthracene
Concen: 1.947 ng/ul
RT: 26.13 min Scan# 3901
Delta R.T. -0.04 min
Lab File: BP004350.D
Acq: 17 Dec 2020 20:30

Instrument :
BNA_P
ClientSampleId :
A54E3

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.0	11.9	17.9#
279	33.5	18.6	28.0#

Manual Integrations
APPROVED

mohammad
12/18/2020 10:27:46 AM



#94
Benzo(g,h,i)perylene
Concen: 7.302 ng/ul
RT: 26.87 min Scan# 4027
Delta R.T. -0.03 min
Lab File: BP004350.D
Acq: 17 Dec 2020 20:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.0	16.6	25.0
277	24.6	18.5	27.7

