

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
 Data File : BP004396.D
 Acq On : 19 Dec 2020 16:11
 Operator : CG/JU
 Sample : L5151-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AE6

Manual Integrations
 APPROVED

mohammad
 12/21/2020 10:43:28 AM

Quant Time: Dec 21 03:22:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 02:36:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	250071	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1045295	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	627926	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1352784	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	1312239	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1416941	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	17922	2.98	ng/uL	0.00
5) Phenol-d5	6.99	99	346205	15.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	199589	16.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	288574	16.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	267995	15.50	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	144182	15.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	157838	16.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	286914	15.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	316215	15.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	835401	16.62	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	1098530	17.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	97574	10.75	ng/ul	0.00
58) Fluorene-d10	15.47	176	737262	16.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	57082	6.54	ng/ul	0.00
71) Anthracene-d10	17.33	188	1162728	17.40	ng/ul	0.00
79) Pyrene-d10	19.57	212	1316741	18.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	1371692	17.58	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.02	94	35376	1.620	ng/ul 95
28) Naphthalene	10.67	128	113541	1.933	ng/ul 99
34) 2-Methylnaphthalene	12.29	142	103855	2.564	ng/ul 97
70) Phenanthrene	17.27	178	629316	8.011	ng/ul 99
72) Anthracene	17.36	178	152148	1.934	ng/ul 98
77) Fluoranthene	19.25	202	2154797	24.180	ng/ul 98
80) Pyrene	19.60	202	1759328	19.688	ng/ul 100
83) Benzo(a)anthracene	21.31	228	1264454	14.297	ng/ul 98
84) Bis(2-ethylhexyl)phthalate	21.23	149	91264	1.809	ng/ul 97
85) Chrysene	21.36	228	1245641	14.587	ng/ul 98
88) Benzo(b)fluoranthene	22.97	252	1969869	21.314	ng/ul 99
89) Benzo(k)fluoranthene	23.01	252	736228m	8.211	ng/ul
91) Benzo(a)pyrene	23.58	252	1392628	16.336	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	26.11	276	1148113	10.659	ng/ul 95
93) Dibenzo(a,h)anthracene	26.12	278	277607	3.095	ng/ul# 83
94) Benzo(g,h,i)perylene	26.85	276	932844	10.323	ng/ul 99

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

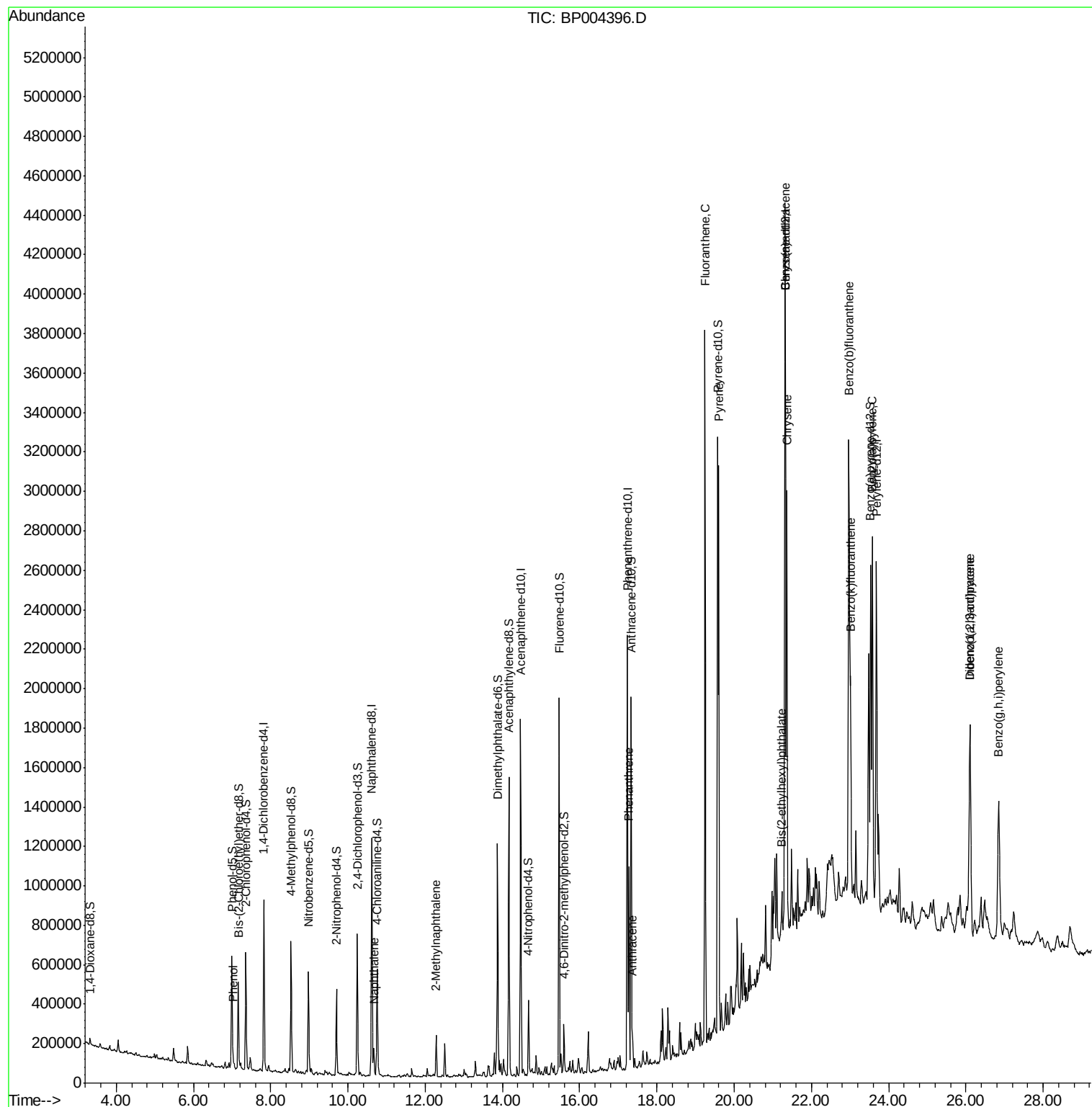
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004396.D
Acq On : 19 Dec 2020 16:11
Operator : CG/JU
Sample : L5151-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

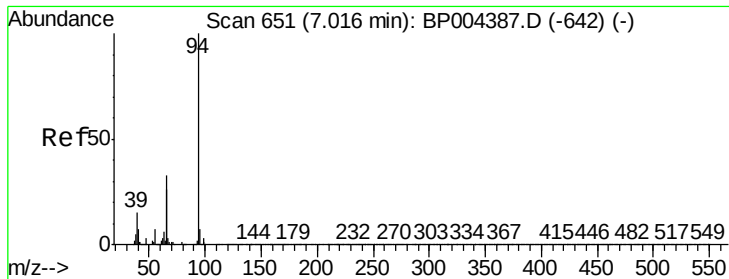
Instrument :
BNA_P
ClientSampled :
C0AE6

Manual Integrations
APPROVED

mohammad
12/21/2020 10:43:28 AM

Quant Time: Dec 21 03:22:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 02:36:02 2020
Response via : Initial Calibration





#6

Phenol

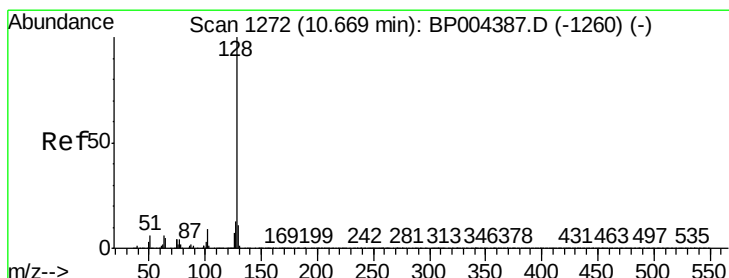
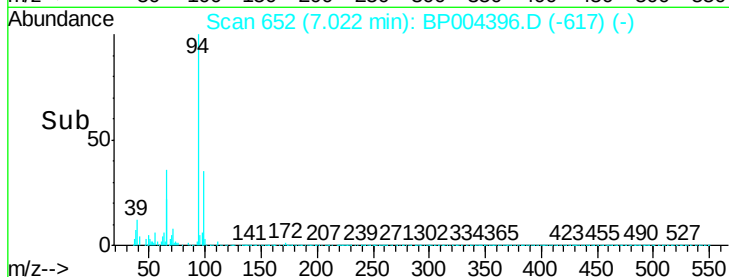
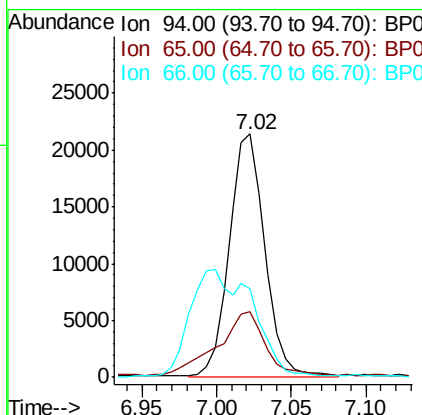
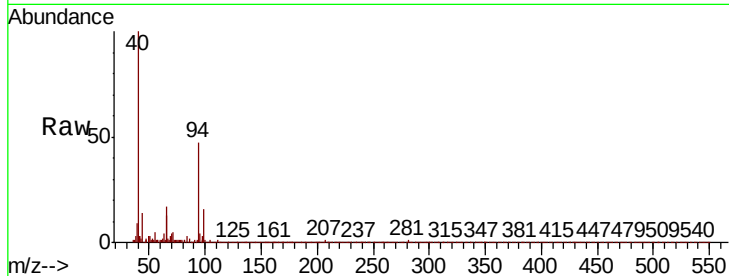
Concen: 1.620 ng/ul
 RT: 7.02 min Scan# 652
 Delta R.T. 0.01 min
 Lab File: BP004396.D
 Acq: 19 Dec 2020 16:11

Instrument :
 BNA_P
 ClientSampleId :
 C0AE6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	26.8	20.3	30.5		
66	36.6	26.2	39.2		

Manual Integrations
 APPROVED

mohammad
 12/21/2020 10:43:28 AM

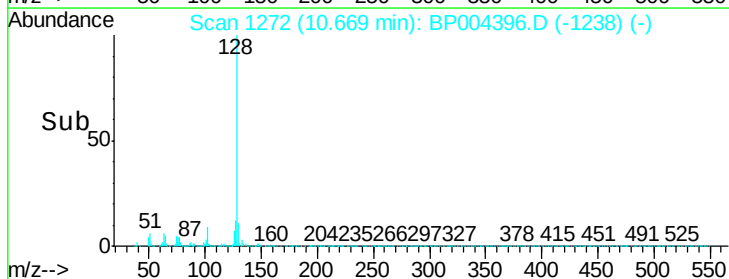
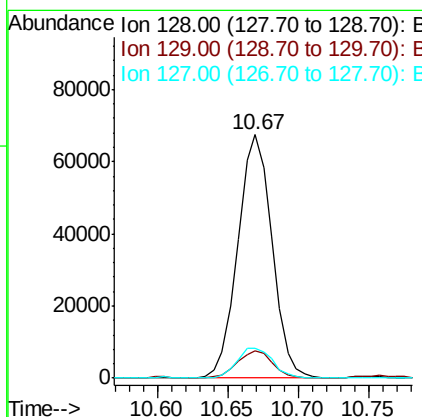
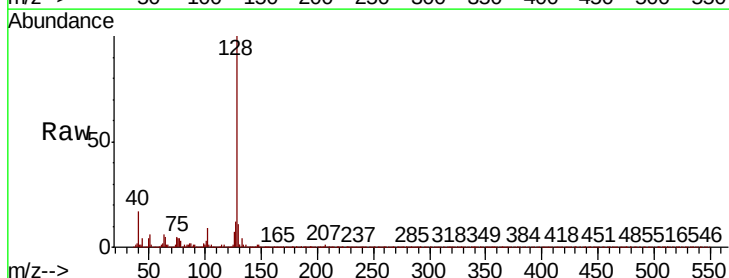


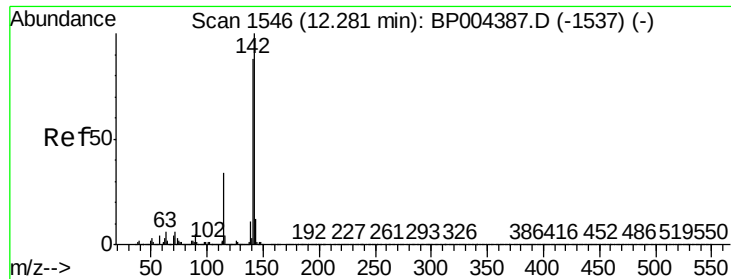
#28

Naphthalene

Concen: 1.933 ng/ul
 RT: 10.67 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: BP004396.D
 Acq: 19 Dec 2020 16:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100				
129	11.2	8.8	13.2		
127	12.3	10.4	15.6		





#34

2-Methylnaphthalene

Concen: 2.564 ng/ul

RT: 12.29 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BP004396.D

Acq: 19 Dec 2020 16:11

Instrument :

BNA_P

ClientSampleId :

C0AE6

Tot Ion:142 Resp: 103855

Ion Ratio Lower Upper

142 100

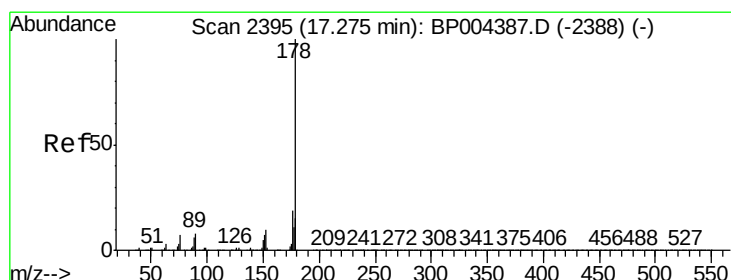
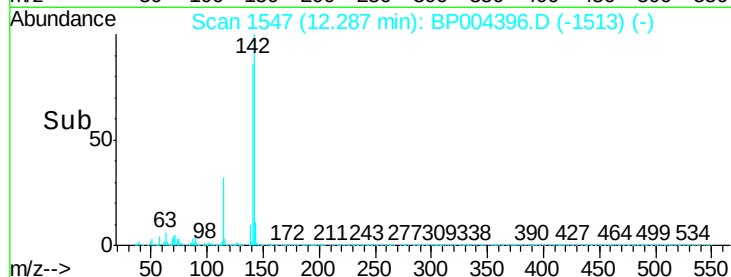
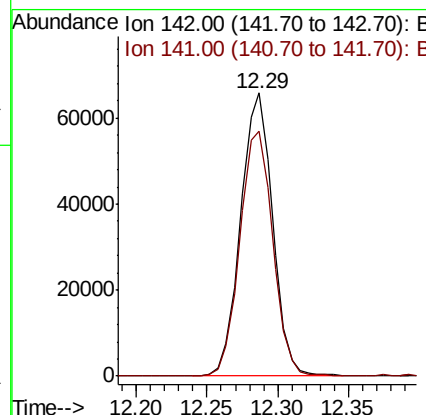
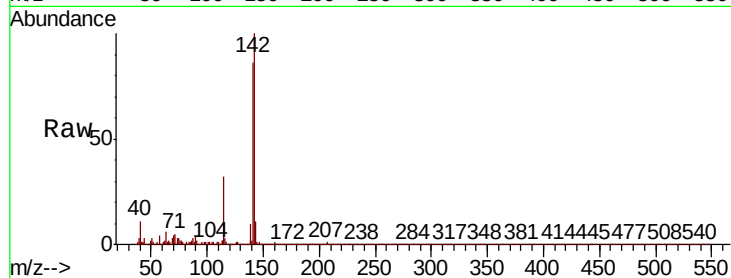
141 86.4 71.2 106.8

Manual Integrations

APPROVED

mohammad

12/21/2020 10:43:28 AM



#70

Phenanthrene

Concen: 8.011 ng/ul

RT: 17.27 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BP004396.D

Acq: 19 Dec 2020 16:11

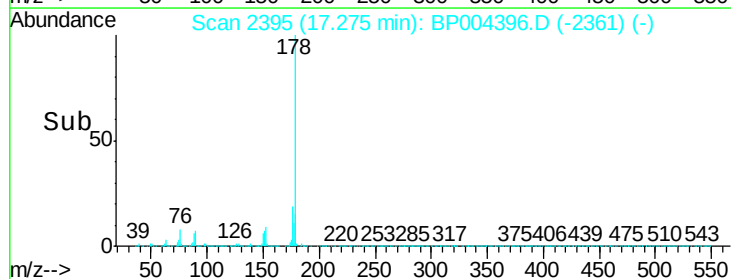
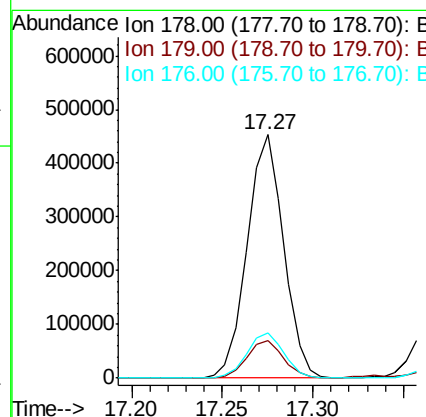
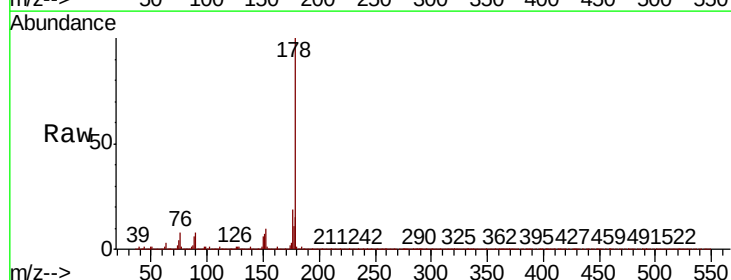
Tgt Ion:178 Resp: 629316

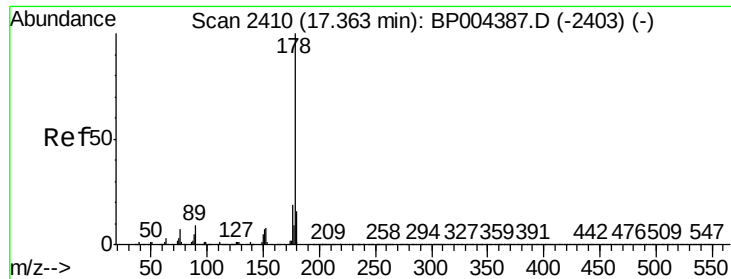
Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

176 18.8 15.3 22.9





#72

Anthracene

Concen: 1.934 ng/ul

RT: 17.36 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BP004396.D

Acq: 19 Dec 2020 16:11

Instrument :

BNA_P

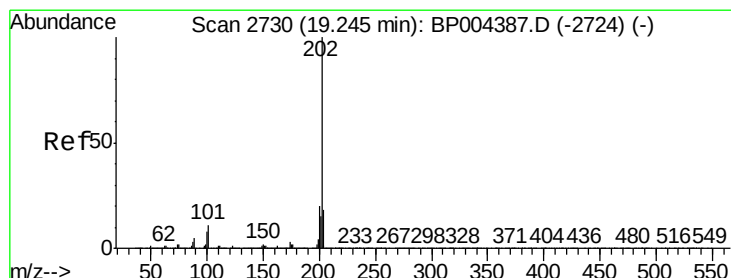
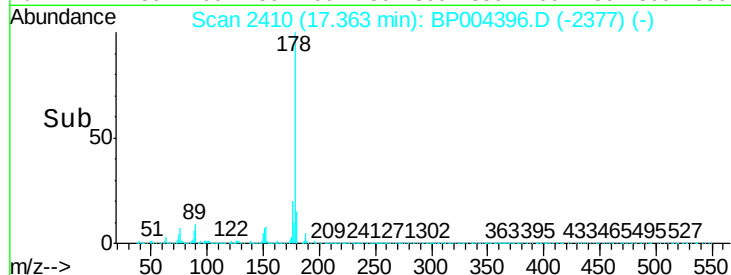
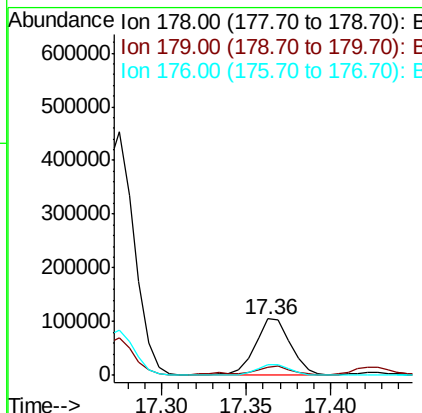
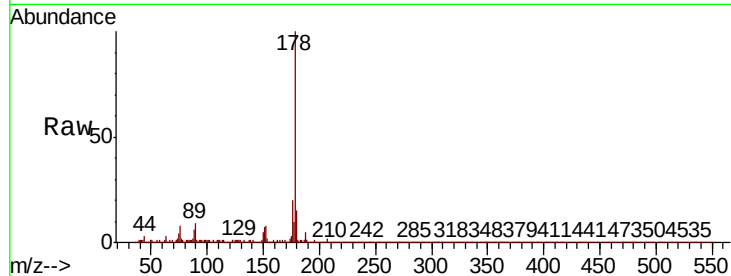
ClientSampleId :

C0AE6

Tot Ion:	178	Resp:	152148
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.4	18.6
176	19.8	15.0	22.4

Manual Integrations
APPROVED

mohammad
12/21/2020 10:43:28 AM



#77

Fluoranthene

Concen: 24.180 ng/ul

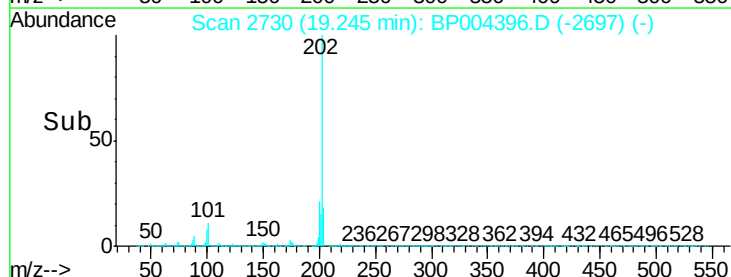
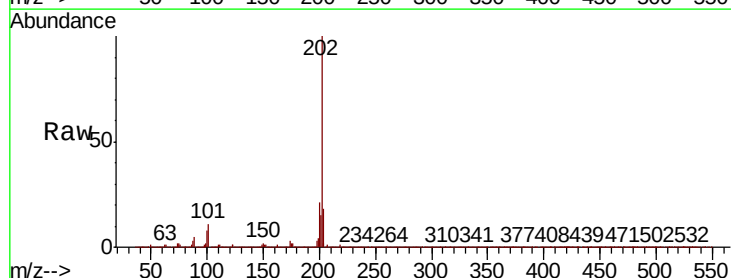
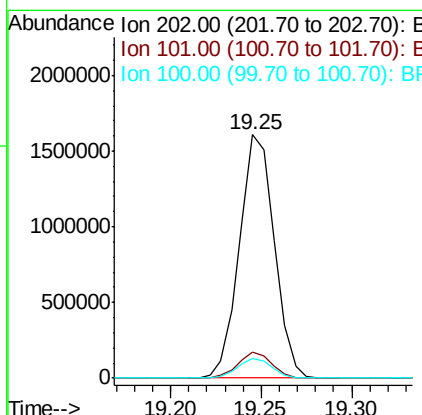
RT: 19.25 min Scan# 2730

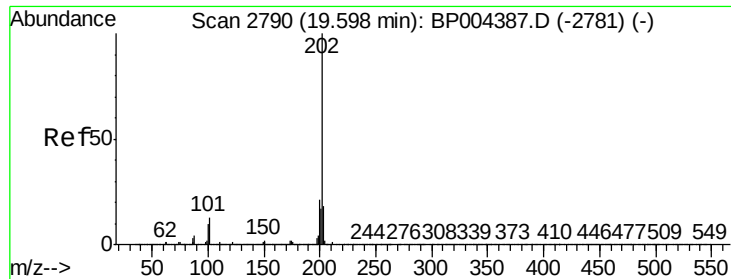
Delta R.T. -0.01 min

Lab File: BP004396.D

Acq: 19 Dec 2020 16:11

Tgt Ion:	202	Resp:	2154797
Ion Ratio	Lower	Upper	
202	100		
101	10.7	8.0	12.0
100	8.2	6.2	9.4





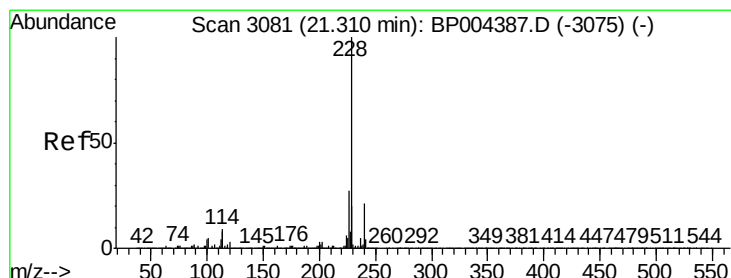
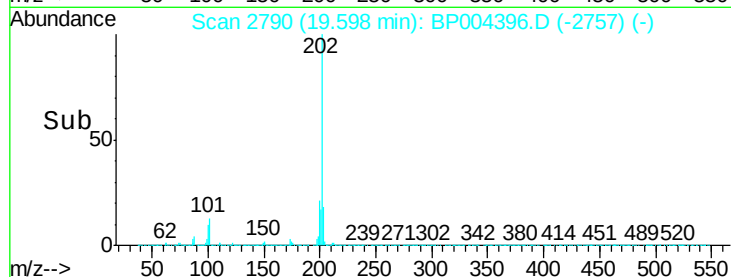
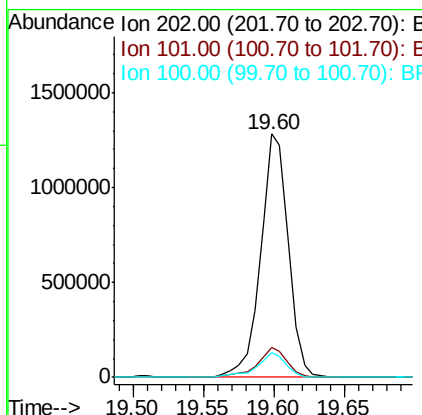
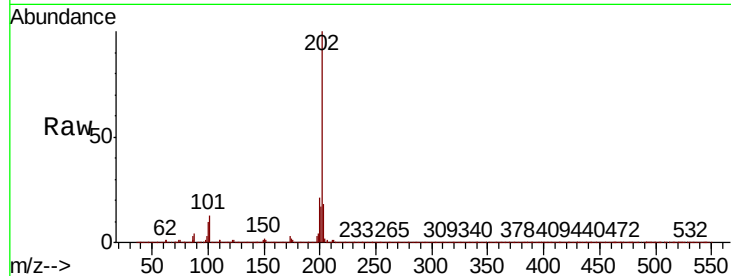
#80
Pvrene
Concen: 19.688 ng/ul
RT: 19.60 min Scan# 2790
Delta R.T. -0.01 min
Lab File: BP004396.D
Acq: 19 Dec 2020 16:11

Instrument :
BNA_P
ClientSampleId :
C0AE6

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.8
100	10.0	8.0	12.0

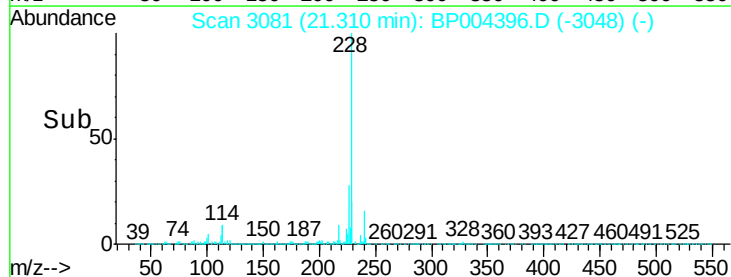
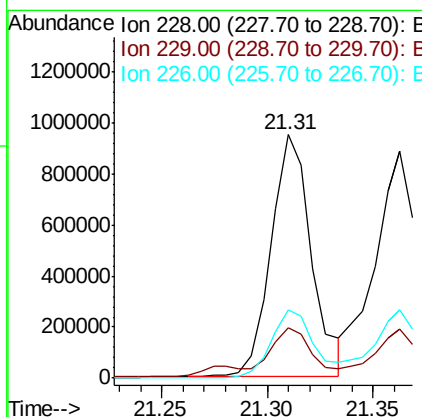
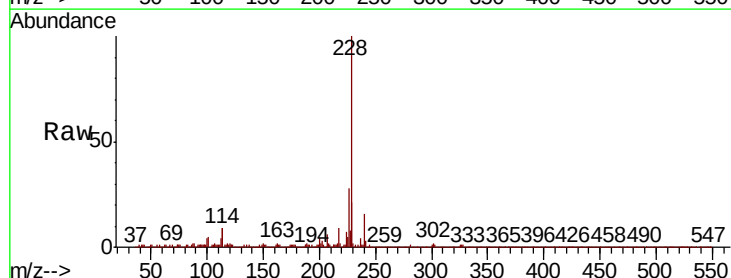
Manual Integrations
APPROVED

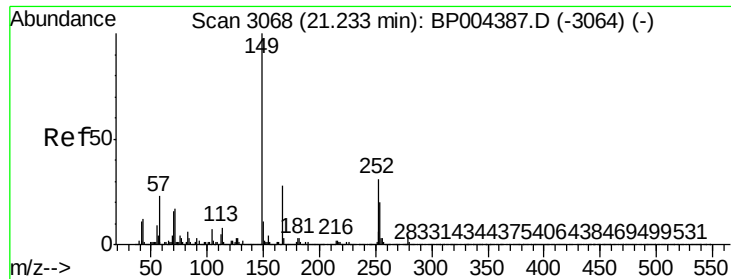
mohammad
12/21/2020 10:43:28 AM



#83
Benzo(a)anthracene
Concen: 14.297 ng/ul
RT: 21.31 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BP004396.D
Acq: 19 Dec 2020 16:11

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.2
226	27.9	21.6	32.4





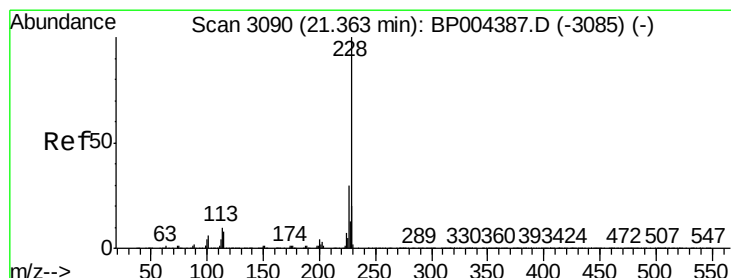
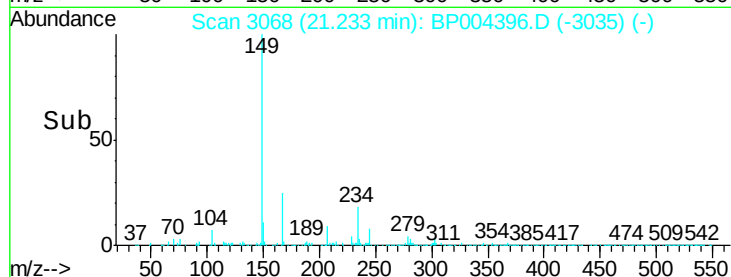
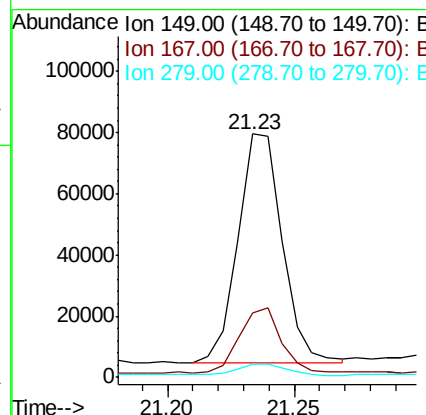
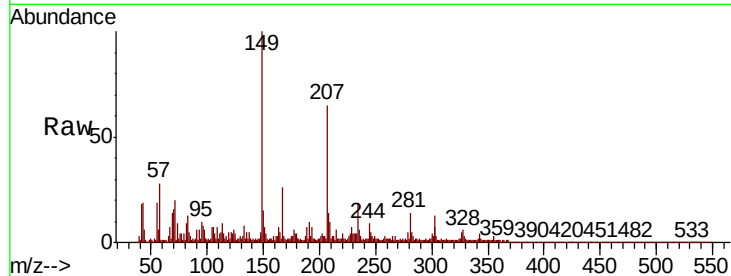
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.809 ng/ul
RT: 21.23 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BP004396.D
Acq: 19 Dec 2020 16:11

Instrument :
BNA_P
ClientSampled :
C0AE6

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	22.6	33.8
279	5.5	3.9	5.9

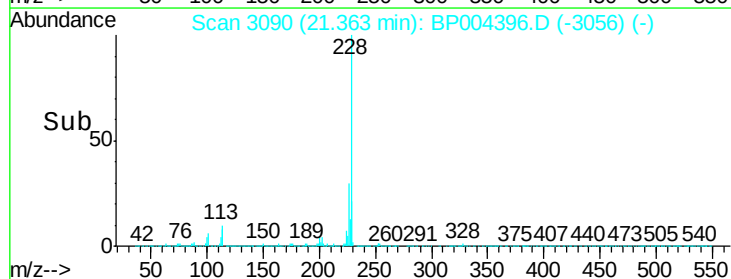
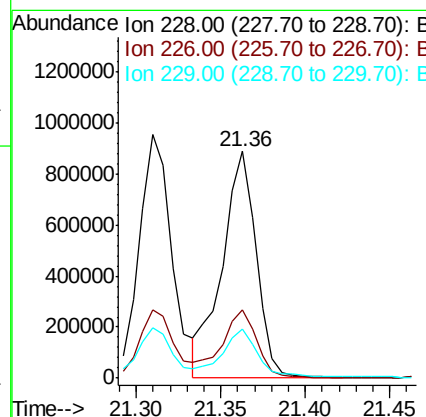
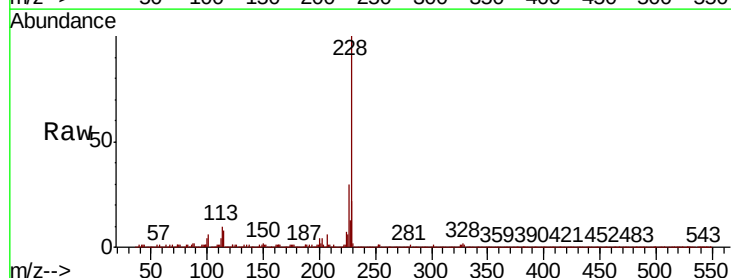
Manual Integrations
APPROVED

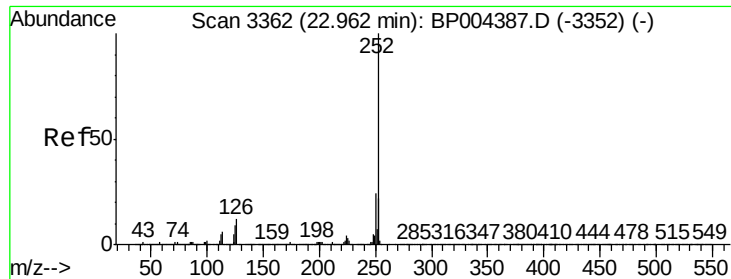
mohammad
12/21/2020 10:43:28 AM



#85
Chrysene
Concen: 14.587 ng/ul
RT: 21.36 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BP004396.D
Acq: 19 Dec 2020 16:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	21.8	15.8	23.6





#88

Benzo(b)fluoranthene

Concen: 21.314 ng/ul

RT: 22.97 min Scan# 3363

Delta R.T. 0.00 min

Lab File: BP004396.D

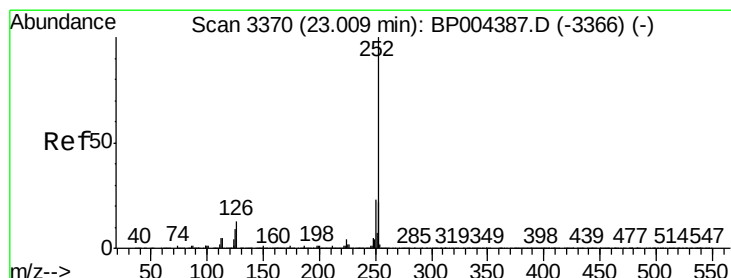
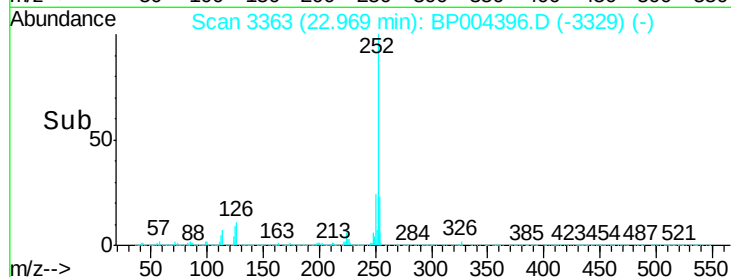
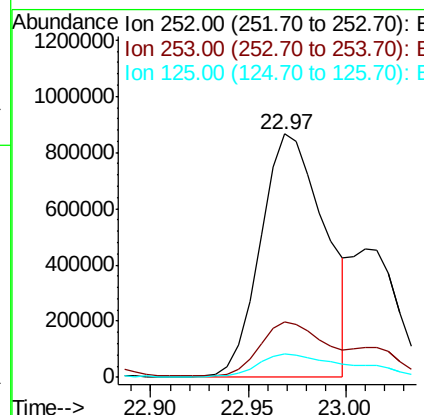
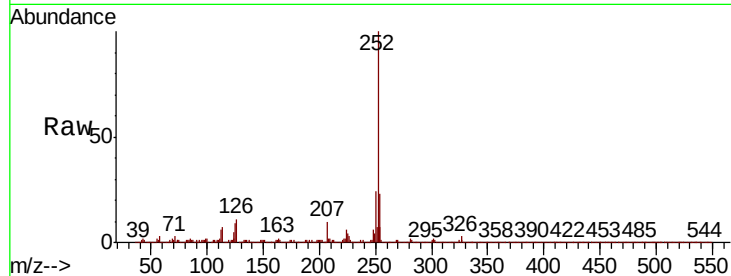
Acq: 19 Dec 2020 16:11

Instrument :
BNA_P
ClientSampled :
C0AE6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	9.4	7.2	10.8

Manual Integrations
APPROVED

mohammad
12/21/2020 10:43:28 AM



#89

Benzo(k)fluoranthene

Concen: 8.211 ng/ul m

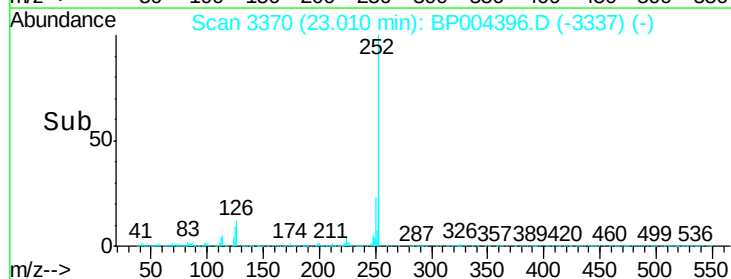
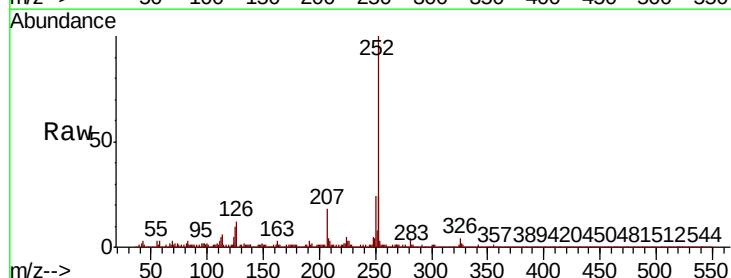
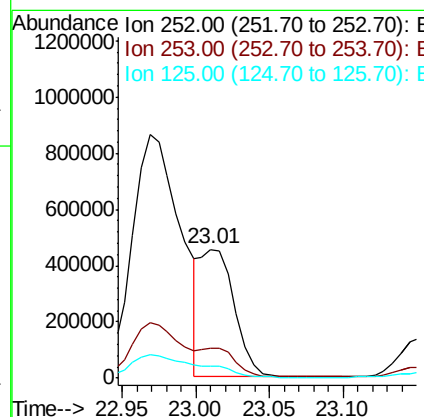
RT: 23.01 min Scan# 3370

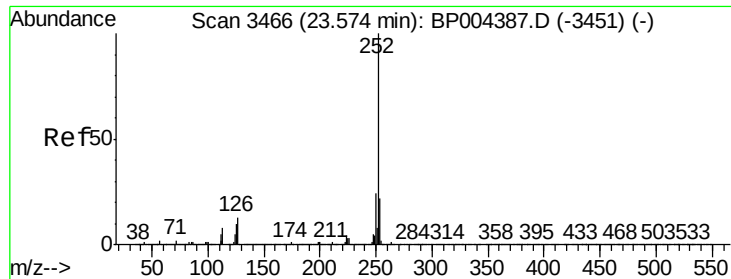
Delta R.T. -0.01 min

Lab File: BP004396.D

Acq: 19 Dec 2020 16:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	9.7	7.2	10.8





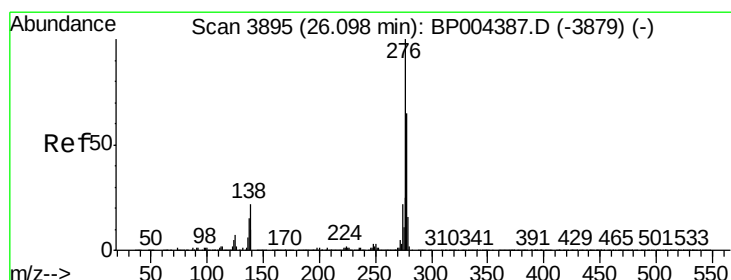
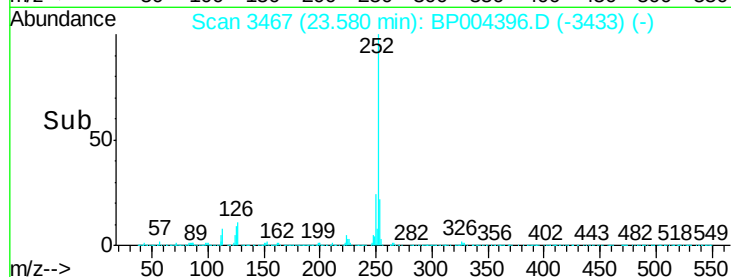
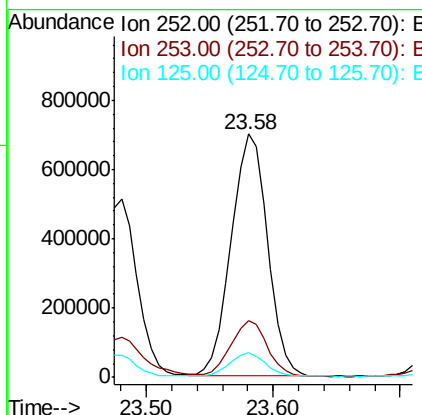
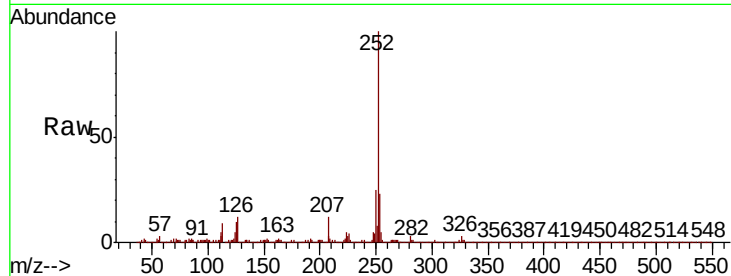
#91
Benzo(a)pyrene
Concen: 16.336 ng/ul
RT: 23.58 min Scan# 3467
Delta R.T. 0.00 min
Lab File: BP004396.D
Acq: 19 Dec 2020 16:11

Instrument :
BNA_P
ClientSampleId :
C0AE6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	9.9	8.1	12.1

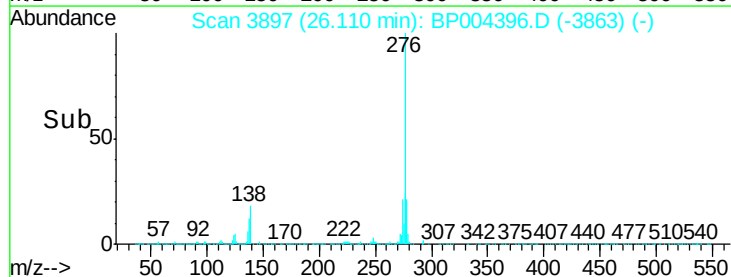
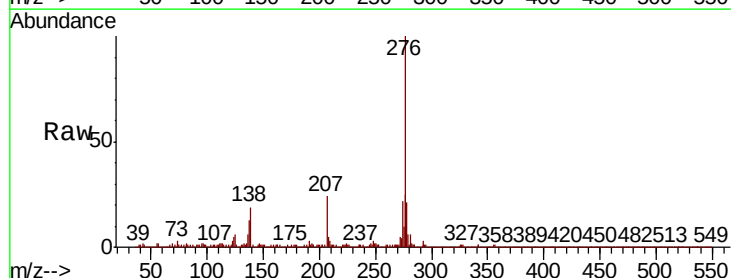
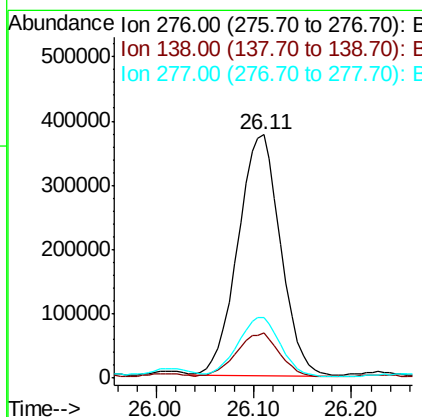
Manual Integrations
APPROVED

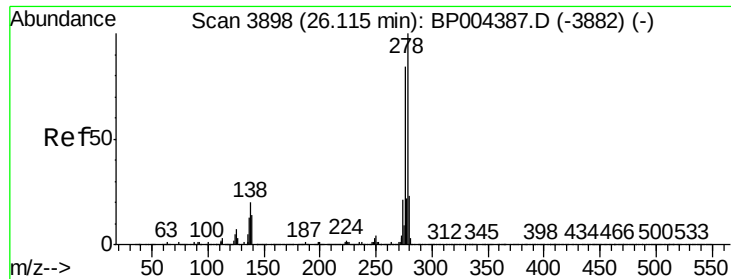
mohammad
12/21/2020 10:43:28 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 10.659 ng/ul
RT: 26.11 min Scan# 3897
Delta R.T. 0.00 min
Lab File: BP004396.D
Acq: 19 Dec 2020 16:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.6	17.9	26.9
277	24.7	20.3	30.5





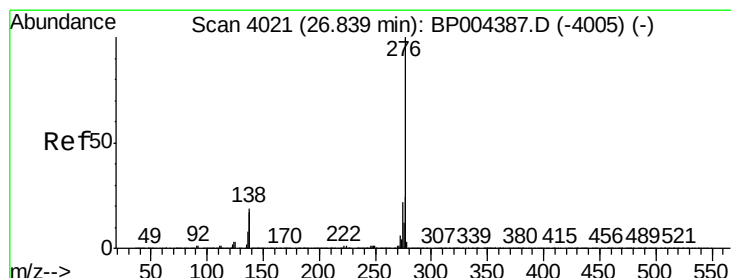
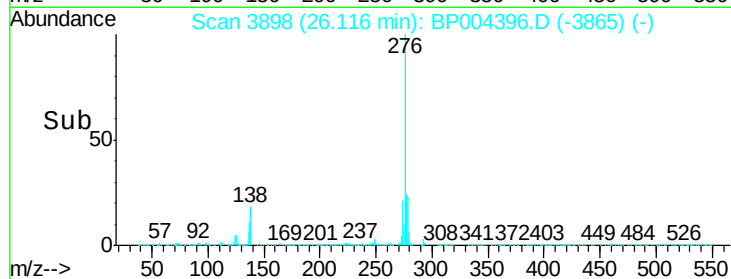
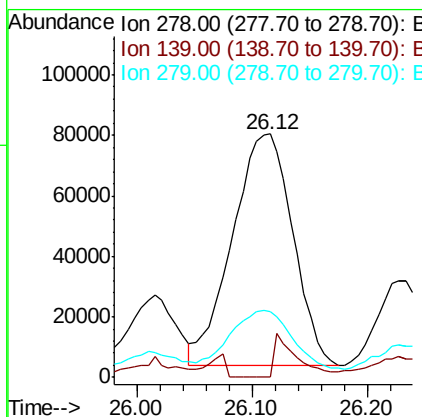
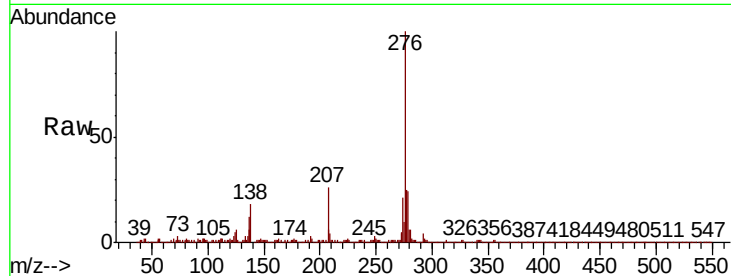
#93
Dibenzo(a,h)anthracene
Concen: 3.095 ng/ul
RT: 26.12 min Scan# 3898
Delta R.T. -0.01 min
Lab File: BP004396.D
Acq: 19 Dec 2020 16:11

Instrument :
BNA_P
ClientSampled :
C0AE6

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.4	17.2#
279	27.0	19.1	28.7

Manual Integrations
APPROVED

mohammad
12/21/2020 10:43:28 AM



#94
Benzo(g,h,i)perylene
Concen: 10.323 ng/ul
RT: 26.85 min Scan# 4023
Delta R.T. 0.00 min
Lab File: BP004396.D
Acq: 19 Dec 2020 16:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.6	15.8	23.6
277	23.4	18.7	28.1

